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ESSENCE

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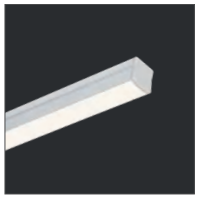
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Orientable
Recessed
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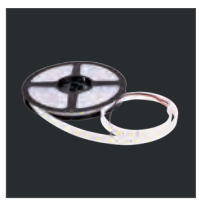
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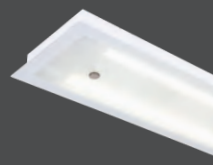


DECOR HOME

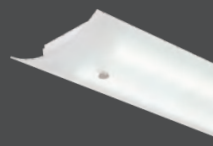
TETRA-C
SUSPENDED



VITA
SURFACE



ROYAL-R
SURFACE



ROYAL-C
SURFACE



ONDATEC
SURFACE



ROYAL
WALL



TETRA-C
SUSPENDED



PT

— Luminária para aplicações de iluminação geral em interiores.
— De aplicação suspensa por cabos de aço inox com ajuste rápido da altura.
— Corpo em alumínio disponível em dois acabamentos standard – branco ou cinza.
— Instalação rápida sem necessidade de abertura da luminária.
— Disponível em dois comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Luminaire suitable for general interior lighting.
— Suspended luminaire with stainless steel suspension with integrated tool-less height adjustment.
— Aluminium body available in two standard finishes – white or grey.
— Quick installation without the need to open the luminaire.
— Available in two lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended
IP20
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White
RAL 9006 Grey

TETRA-C SUSPENDED

WHITE FINISHING

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
996	2	2×14 MAX	3319 (1)	33.06.40.340002	33.06.40.340006
1301	2	2×22 MAX	5268 (2)	33.06.40.340004	33.06.40.340008

GREY FINISHING

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
996	2	2×14 MAX	3319 (1)	33.06.40.340003	33.06.40.340007
1301	2	2×22 MAX	5268 (2)	33.06.40.340005	33.06.40.340009

COMPONENTS



SUSPENSION SYSTEM (2pcs)

TYPE	1m	3m
Matt White	35.42.002.01.62	35.42.002.01.63



SURFACE CEILING CUP (1pc)

TYPE	1m	3m
Matt White Ø62×36 mm	35.06.40.003754	35.06.40.003755



RECESSED CEILING CUP (1pc)

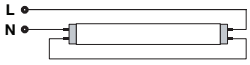
TYPE	1m	3m
Matt White Ø80 mm	35.06.40.003756	35.06.40.003757

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 900mm 12W 1575lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840

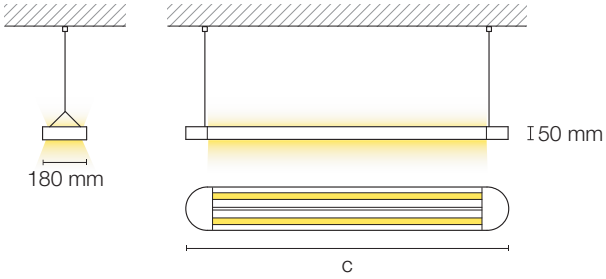
More information about the LED Tube or available electrical schemes on page 152.

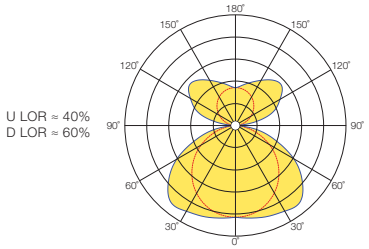
Electrical Scheme A



Electrical Scheme C







VITA
SURFACE



PT

— Luminária com difusor em vidro para aplicações de iluminação geral em interiores.
— Aplicação saliente no teto.
— Difusor em vidro totalmente fosco.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em dois comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Luminaire with glass diffuser suitable for general interior lighting.
— For direct ceiling mounting.
— Fully frosted glass diffuser.
— Body made of sheet steel with epoxy-polyester powder coating.
— Diffuser closing system enables an easy and quick installation.
— Available in two lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP20
IK04
960°C
Class I
Ta= –20°C +35°C

OPTIC
Frosted Glass

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

VITA SURFACE

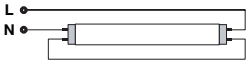
FROSTED GLASS DIFFUSER

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
672	2	2×10 MAX	1391 (1)	33.44.000.01.00	33.44.000.01.10
986	2	2×14 MAX	2087 (2)	33.44.000.01.01	33.44.000.01.11

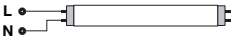
LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 900mm 12W 1575lm 840
More information about the LED Tube or available electrical schemes on page 152.

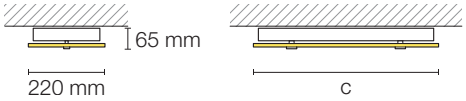
Electrical Scheme A

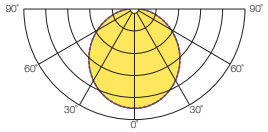


Electrical Scheme C









ROYAL-R
SURFACE



PT

— Luminária com difusor em vidro para ambientes domésticos.
— Aplicação saliente no teto.
— Difusor curvo em vidro totalmente fosco.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em três comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Luminaire with glass diffuser for home environments.
— For direct ceiling mounting.
— Fully frosted glass curved diffuser.
— Body made of steel sheet with epoxy-polyester powder coating.
— Diffuser closing system enables an easy and quick installation.
— Available in three lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP20
IK04
960°C
Class I
Ta= –20°C +35°C

OPTIC
Frosted Glass

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ROYAL-R SURFACE

FROSTED GLASS DIFFUSER

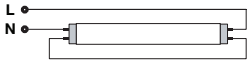
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
700	2	2×10 MAX	1607 (1)	33.44.000.01.02	33.44.000.01.07
1040	2	2×14 MAX	2410 (2)	33.44.000.01.03	33.44.000.01.08
1310	2	2×22 MAX	3825 (3)	33.44.000.01.04	33.44.000.01.09

LED TUBE (T8 G13) NOT INCLUDED

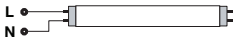
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 900mm 12W 1575lm 840
– (3) PHILIPS G13 1200mm 15,5W 2500lm 840

More information about the LED Tube or available electrical schemes on page 146.

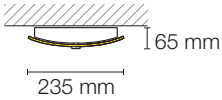
Electrical Scheme A

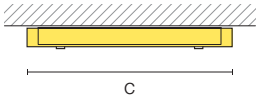


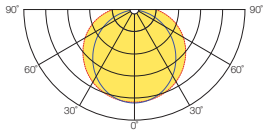
Electrical Scheme C











ROYAL-C
SURFACE



PT

— Luminária com difusor em vidro para ambientes domésticos.
— Aplicação saliente no teto.
— Difusor curvo em vidro fosco com duas janelas que permitem uma passagem de luz mais intensa e direta.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em dois comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Luminaire with glass diffuser for home environments.
— For direct ceiling mounting.
— Frosted glass curved diffuser with two windows to allow a more intense and direct light to come through.
— Body made of steel sheet with epoxy-polyester powder coating.
— Diffuser closing system enables an easy and quick installation.
— Available in two lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP20
IK04
960°C
Class I
Ta= –20°C +35°C

OPTIC
Frosted Glass

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ROYAL-C SURFACE

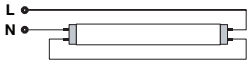
FROSTED GLASS DIFFUSER

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
745	2	2×10 MAX	1751 (1)	33.44.000.01.05	33.44.000.01.12
1040	2	2×14 MAX	2626 (2)	33.44.000.01.06	33.44.000.01.13

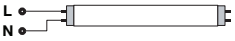
LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 900mm 12W 1575lm 840
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

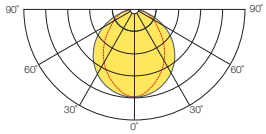


Electrical Scheme C









ONDATEC
SURFACE



PT

— Luminária decorativa para aplicações de iluminação geral em interiores.
— Aplicação saliente no teto.
— Difusor acrílico prismático de formato ondulado rematado por uma moldura em madeira.
— Moldura em madeira disponível com acabamento Mel ou Branco.
— Sistema de patilhas de fecho rápido do difusor para facilidade de instalação.
— Disponível em dois comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Decorative luminaire suitable for general interior lighting.
— For direct ceiling mounting.
— Wavy prismatic acrylic diffuser enhanced by a wood frame.
— Wood frame available in Honey or White finishing.
— Quick-release diffuser latches for easy installation.
— Available in two lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Prismatic PMMA

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
White Wood
Honey Wood

ONDATEC SURFACE
CLEAR PRISMATIC DIFFUSER

WHITE WOOD FINISHING

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
680	2	2×10 MAX	1212 (1)	33.45.000.01.00	33.45.000.01.06
1292	2	2×22 MAX	2886 (2)	33.45.000.01.02	33.45.000.01.08

HONEY WOOD FINISHING

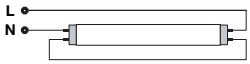
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
680	2	2×10 MAX	1212 (1)	33.45.000.01.01	33.45.000.01.07
1292	2	2×22 MAX	2886 (2)	33.45.000.01.03	33.45.000.01.09

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840

More information about the LED Tube or available electrical schemes on page 152.

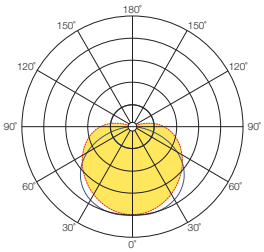
Electrical Scheme A

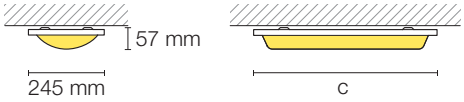


Electrical Scheme C









ROYAL
WALL



PT

— Aplique LED de parede para iluminação ambiente decorativa.
— Caracterizado por formas curvas extremamente simples para um aspeto leve e equilibrado.
— Aplicação adequada em diferentes espaços de habitação e hotelaria.
— Luminária com fonte de alimentação incorporada.
— Difusor curvo em vidro totalmente fosco.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.

EN

— Wall mounted LED luminaire for decorative ambient lighting.
— Characterized by extremely simple curved shapes for a light and balanced look.
— Suitable for residential and hotel applications.
— Luminaire with built-in power supply.
— Glass fully frosted curved diffuser.
— Diffuser closing system enables an easy and quick installation.

QUICK INFO

GENERAL
Wall
IP20
IK04
960°C
Class I
Ta= –20°C +35°C

OPTIC
Frosted Glass

LIGHT SOURCE
LED Modules
LED Lamp (E27)

SPECIFICATIONS
Efficacy up to 182 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ROYAL WALL

FROSTED GLASS DIFFUSER

LED MODULES

Color Temp.	**b×c** (mm)	**Output** (lm)	**System** (W)	**ON/OFF**
2700 K	270×328	861	11	33.44.000.08.04
3000 K	270×328	1028	11	33.44.000.08.00
4000 K	270×328	1074	11	33.44.000.08.01

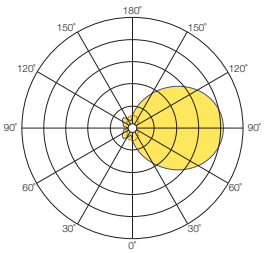
LED LAMP

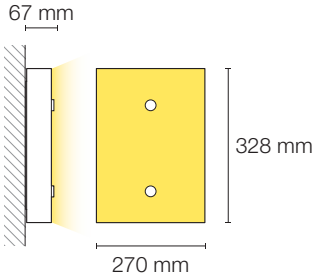
Lamp	**Power** (W)	**Output** (lm)	**ON/OFF**
1×E27	1×100 MAX	195 [1]	33.44.000.08.02
2×E27	2×100 MAX	390 [1]	33.44.000.08.03

LED LAMP (E27) NOT INCLUDED

– [1] PHILIPS E27 6W 470lm 840









OFFICE

ADAS OPAL
SURFACE



ADAS E60
SURFACE



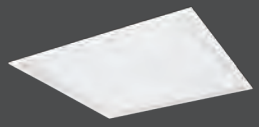
OFFICE-R OPAL
RECESSED



OFFICE-R E60
RECESSED



OFFICE PANEL
RECESSED



ADAS OPAL SURFACE



PT

— Luminária para ambientes domésticos ou profissionais.
— Aplicação saliente no teto.
— Difusor em PMMA Opal para iluminação homogénea, difusa e eficiente.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Em versões PCB LED e para tubos LED T8 (não incluídos).

EN

— Luminaire for home and office lighting.
— For direct ceiling mounting.
— Opal PMMA diffuser for efficient homogeneous lighting.
— Body made of sheet steel with epoxy-polyester powder coating.
— Available in PCB LED versions and for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP30
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

ADAS SURFACE
OPAL DIFFUSER

LED MODULES

Color Temp.	b×c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	292×655	2105	18	33.59.000.08.07	33.59.000.08.15
	292×1267	4211	36	33.59.000.08.09	33.59.000.08.17
	292×1567	5264	44	33.59.000.08.10	33.59.000.08.18
	598×655	4252	36	33.59.000.08.08	33.59.000.08.16
4000 K	292×655	2208	18	33.59.000.08.11	33.59.000.08.19
	292×1267	4415	36	33.59.000.08.13	33.59.000.08.21
	292×1567	5519	44	33.59.000.08.14	33.59.000.08.22
	598×655	4458	36	33.59.000.08.12	33.59.000.08.20

LED TUBES

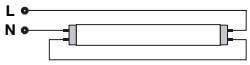
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
292×655	2	2×10 MAX	1314 (1)	33.59.000.01.00	33.59.000.01.12
292×1267	2	2×22 MAX	3128 (2)	33.59.000.01.01	33.59.000.01.13
292×1567	2	2×24 MAX	4629 (3)	33.59.000.01.03	33.59.000.01.15
598×655	4	4×10 MAX	2870 (1)	33.59.000.01.02	33.59.000.01.14

LED TUBE (T8 G13) NOT INCLUDED

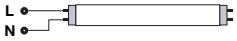
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

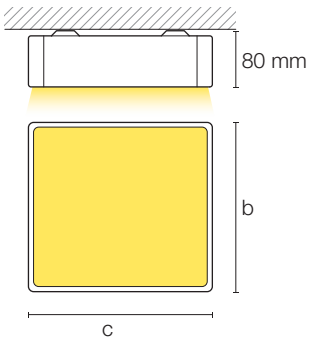
More information about the LED Tube or available electrical schemes on page 152.

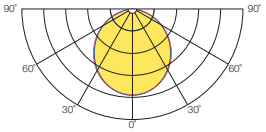
Electrical Scheme A



Electrical Scheme C







ADAS E60
SURFACE



PT

— Luminária para ambientes domésticos ou profissionais.
— Aplicação saliente no teto.
— Refletor em alumínio brilhante (E60).
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Disponível em versões para dois ou quatro tubos LED T8 (não incluídos).

EN

— Luminaire for home and office lighting.
— For direct ceiling mounting.
— Specular aluminium louvre (E60).
— Body made of sheet steel with epoxy-polyester powder coating.
— Available in versions for two or four T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP20
850°C
Class I
Ta= –20°C +35°C

OPTIC
E60 Specular Aluminium Reflector

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

ADAS SURFACE
E60 REFLECTOR

LED TUBES

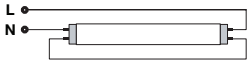
c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
292×655	2	2×10 MAX	1284 [1]	33.55.000.01.09	33.55.000.01.14
292×1267	2	2×22 MAX	3056 [2]	33.55.000.01.10	33.55.000.01.15
292×1567	2	2×24 MAX	4523 [3]	33.55.000.01.12	33.55.000.01.17
598×655	4	4×10 MAX	2610 [1]	33.55.000.01.11	33.55.000.01.16

LED TUBE (T8 G13) NOT INCLUDED

– [1] PHILIPS G13 600mm 8W 1050lm 840
– [2] PHILIPS G13 1200mm 15,5W 2500lm 840
– [3] PHILIPS G13 1500mm 23W 3700lm 840

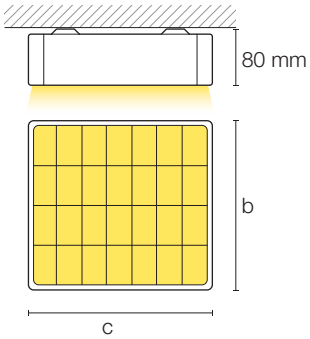
More information about the LED Tube or available electrical schemes on page 152.

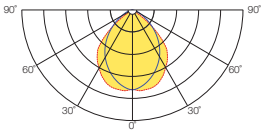
Electrical Scheme A



Electrical Scheme C







OFFICE-R OPAL
RECESSED



PT

— Família de luminárias de encastrar que se adaptam à maioria dos tetos existentes no mercado.
— Aplicação universal em aberturas recortadas no teto ou em tetos modulares.
— Com conjunto de niveladores para instalação rápida e sem ferramentas.
— Índice de proteção IP40 na face visível.
— Difusor em PMMA Opal para iluminação homogénea, difusa e eficiente.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Em versões PCB LED e versões para tubos LED T8 (não incluídos).

EN

— Family of recessed luminaires to fit the majority of ceilings in the market.
— Can be universally used in cut-out recess openings and in modular ceilings.
— Tool-free ceiling installation via rapid-mounting brackets.
— IP40 protection rating on the visible body.
— Opal PMMA diffuser for efficient homogeneous lighting.
— Body made of sheet steel with epoxy-polyester powder coating.
— Available in PCB LED versions and for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Recessed
IP40 (Optic), IP20 (Geral)
IK03 - Opal Diffuser
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

OPTIONS

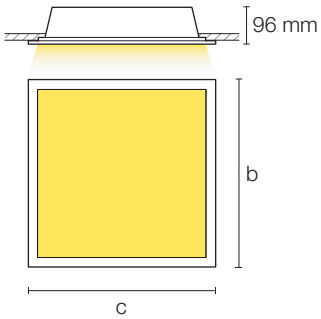
EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT



+2 −2

b×**c** (mm)
285×585
285×1185
285×1485
585×585



OFFICE-R RECESSED
OPAL DIFFUSER

LED MODULES

Color Temp.	**b**×**c** (mm)	**Output** (lm)	**System** (W)	ON/OFF	DALI
3000 K	297×598	2105	18	33.59.000.08.23	33.59.000.08.31
	297×1198	4211	36	33.59.000.08.24	33.59.000.08.32
	297×1498	5264	44	33.59.000.08.25	33.59.000.08.33
	598×598	4252	36	33.59.000.08.26	33.59.000.08.34
4000 K	297×598	2208	18	33.59.000.08.27	33.59.000.08.35
	297×1198	4415	36	33.59.000.08.28	33.59.000.08.36
	297×1498	5519	44	33.59.000.08.29	33.59.000.08.37
	598×598	4458	36	33.59.000.08.30	33.59.000.08.38

OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.23
EM 3H 3W	35.00.003.01.24

DALI	COD
EM 1H 5,4W DALI	35.00.004.01.54
EM 3H 5,4W DALI	35.00.004.01.55

LED TUBES

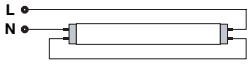
c (mm)	Tubes	**Power** (W)	**Output** (lm)	Scheme A	Scheme C
297×598	2	2×10 MAX	2100 (1)	33.59.000.01.08	33.59.000.01.20
297×1198	2	2×22 MAX	5000 (2)	33.59.000.01.09	33.59.000.01.21
297×1498	2	2×24 MAX	7400 (3)	33.59.000.01.10	33.59.000.01.22
598×598	4	4×10 MAX	2870 (1)	33.59.000.01.11	33.59.000.01.23

LED TUBE (T8 G13) NOT INCLUDED

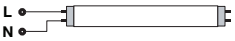
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

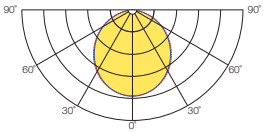
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



Electrical Scheme C





OFFICE-R E60
RECESSED



PT

— Família de luminárias de encastrar que se adaptam à maioria dos tetos existentes no mercado.
— Aplicação universal em aberturas recortadas no teto ou em tetos modulares.
— Com conjunto de niveladores para instalação rápida e sem ferramentas.
— Refletor em alumínio brilhante (E60).
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Disponível em versões para dois ou quatro tubos LED T8 (não incluídos).

EN

— Family of recessed luminaires to fit the majority of ceilings in the market.
— Can be universally used in cut-out recess openings and in modular ceilings.
— Tool-free ceiling installation via rapid-mounting brackets.
— Specular aluminium louvre (E60).
— Body made of sheet steel with epoxy-polyester powder coating.
— Available in versions for two or four T8 LED tubes (not included).

QUICK INFO

GENERAL
Recessed
IP40 (Optic), IP20 (Geral)
850°C
Class I
Ta= −20°C +35°C

OPTIC
E60 Specular Aluminium Reflector

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

OFFICE-R RECESSED
E60 REFLECTOR

LED TUBES

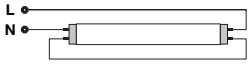
b×c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
297×598	2	2×10 MAX	1284 (1)	33.59.000.01.04	33.59.000.01.16
297×1198	2	2×22 MAX	3056 (2)	33.59.000.01.05	33.59.000.01.17
297×1498	2	2×24 MAX	4523 (3)	33.59.000.01.06	33.59.000.01.18
598×598	4	4×10 MAX	2610 (1)	33.59.000.01.07	33.59.000.01.19

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



Electrical Scheme C

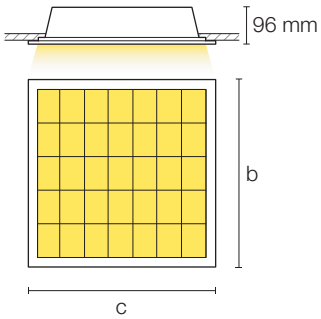


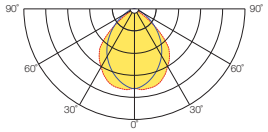


CUT OUT



b×c (mm)
285×585
285×1185
285×1485
585×585





OFFICE PANEL
RECESSED



PT

— Painel LED de aplicação encastrada para ambientes domésticos ou profissionais.
— Para tetos falsos modulares com reticula suspensa de 600 e 625 mm.
— Possibilidade de aplicação saliente ou suspensa com acessórios (não incluídos).
— Driver externo de tensão constante e classe de proteção II (incluído).
— Difusor PS Microprismático para controlo do encandeamento (UGR <19).
— Sistema LED com extraordinária eficiência de até 101 lm/W.
— Temperaturas de cor 3000 ou 4000 K.

EN

— Modular recessed-mounted LED Panel for home and office lighting.
— For suspended false ceiling grid measure of 600 and 625 mm.
— Surface or suspended mount with accessories (not included).
— External class II constant voltage Driver (included).
— Micro prismatic PS diffuser for glare control (UGR <19).
— LED solution with outstanding system efficacy up to 101 lm/W.
— Colour temperatures 3000 or 4000 K.

QUICK INFO

GENERAL
Recessed (Ceiling Grid)
Surface, Suspended (Accessories)
IP20
IK05
650°C
Class II
Ta= –20°C +40°C

OPTIC
Micro Prismatic PS
UGR <19

LIGHT SOURCE
LED Modules

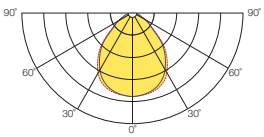
SPECIFICATIONS
Efficacy up to 101 lm/W
3000 K, 4000 K
CRI >80
Lifetime 50 000 H
L70/B10 @Tc=45°C

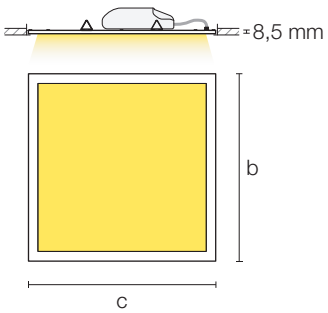
ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9003 White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours





OFFICE PANEL RECESSED
MICRO PRISMATIC DIFFUSER

LED MODULES

Color Temp.	b×c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	595×595	3620	35	33.41.22.000131	33.41.22.000138
	620×620	3620	35	33.41.22.000133	33.41.22.000140
	295×1195	3620	35	33.41.22.000136	33.41.22.000142
4000 K	595×595	3900	35	33.41.22.000132	33.41.22.000139
	620×620	3900	35	33.41.22.000134	33.41.22.000141
	295×1195	3900	35	33.41.22.000137	33.41.22.000143

ACCESSORIES



SURFACE CEILING CUP (1pc)

TYPE	1m	3m	5m
Matt White Ø62x36 mm	35.49.001.08.30	35.49.002.08.59	35.49.002.08.67



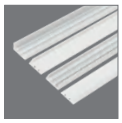
RECESSED CEILING CUP (1pc)

TYPE	1m	3m	5m
Matt White Ø80 mm	35.49.001.08.31	35.49.002.08.63	35.49.002.08.71



SUSPENDED MOUNTING KIT (1pc)

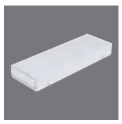
TYPE	DIMENSIONS	1,2m
Stainless Steel	600 - 625 mm	35.41.22.000303
	300×1200 mm	35.41.22.000312



SURFACE MOUNTING KIT (1pc)

TYPE	DIMENSIONS	COD
Matt White	601×601×44 mm	35.41.22.000301
	626×626×44 mm	35.41.22.000302
	300×1200×44 mm	35.41.22.000311

OPTIONS



EXTERNAL EMERGENCY BOX (EM)

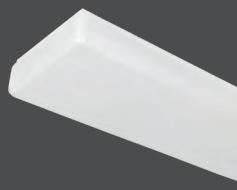
ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI	REST MODE	DIMENSION	COD
EM BOX 1H 5,4W DALI	6-12 V	45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI	6-12 V	45×120×360 mm	35.00.005.01.05

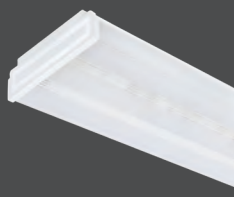


ACRYLIC

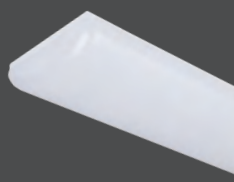
ATA
SURFACE



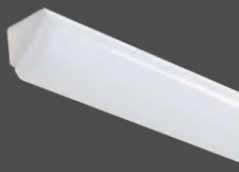
ACDE
SURFACE



CANTHOR
SURFACE



ACO
SURFACE



ATA
SURFACE



PT

— Luminária com difusão de luz em todas as faces do difusor.
— Aplicação saliente no teto.
— Índice de proteção IP40.
— Versões PCB LED equipadas com difusor opal para luz difusa.
— Versões para tubos LED T8 (não incluídos) com difusor prismático.
— Sistema de patilhas de fecho rápido do difusor para facilidade de instalação.

EN

— Luminaire with light diffusion on all faces of the diffuser.
— For direct ceiling mounting.
— IP40 protection rating.
— PCB LED versions equipped with opal diffuser for diffuse lighting.
— Versions for use with T8 LED tubes (not included) with prismatic diffuser.
— Quick-release diffuser latches for easy installation.

QUICK INFO

GENERAL
Surface
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ATA SURFACE

OPAL DIFFUSER

LED MODULES

Color Temp.	**a**×**b**×**c** (mm)	**Output** (lm)	**System** (W)	ON/OFF	DALI
3000 K	70×192×654	3273	25	33.50.000.08.02	33.50.000.08.05
	70×192×1260	6546	51	33.50.000.08.03	33.50.000.08.06
	83×675×675	5789	51	33.50.000.08.04	33.50.000.08.07
4000 K	70×192×654	3445	25	33.50.000.08.08	33.50.000.08.11
	70×192×1260	6890	51	33.50.000.08.09	33.50.000.08.12
	83×675×675	6093	51	33.50.000.08.10	33.50.000.08.13

CLEAR PRISMATIC DIFFUSER

LED TUBES

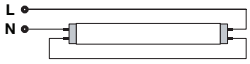
a×**b**×**c** (mm)	Tubes	**Power** (W)	**Output** (lm)	Scheme A	Scheme C
70×192×654	2	2×10 MAX	1725 (1)	33.50.000.01.00	33.50.000.01.07
70×192×1260	2	2×22 MAX	4108 (2)	33.50.000.01.01	33.50.000.01.08
83×675×675	4	4×10 MAX	3864 (1)	33.50.000.01.02	33.50.000.01.09

LED TUBE (T8 G13) NOT INCLUDED

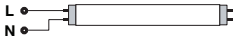
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840

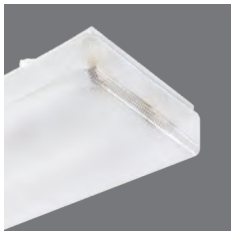
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



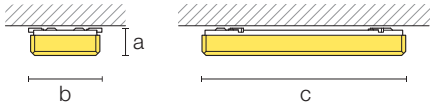
Electrical Scheme C



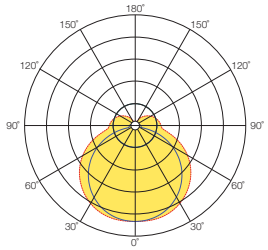


– Clear Prismatic PMMA Diffuser for LED Tubes.

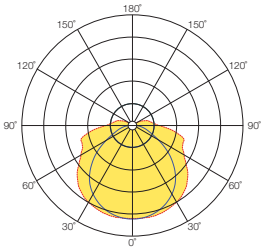




Opal Diffuser



Prismatic Diffuser



ACDE
SURFACE

ACDE 2×...W

ACDE 1×...W



PT

— Luminária de grande funcionalidade para aplicações de iluminação geral em interiores.
— Aplicação saliente no teto.
— Difusor acrílico listado para iluminação eficiente.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em versões para um ou dois tubos LED T8 (não incluídos).

EN

— High-functionality luminaire suitable for general interior lighting.
— For direct ceiling mounting.
— Ribbed acrylic diffuser for efficient lighting.
— Body made of steel sheet with epoxy-polyester powder coating.
— Diffuser closing system enables an easy and quick installation.
— Available in versions for one or two T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Ribbed PMMA

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ACDE SURFACE
RIBBED DIFFUSER

LED TUBES

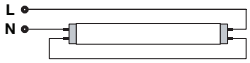
b×**c** (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
70×630	1	1×10 MAX	800 (1)	33.10.000.01.00	33.10.000.01.06
70×1240	1	1×22 MAX	1200 (2)	33.10.000.01.01	33.10.000.01.07
70×1540	1	1×24 MAX	1905 (3)	33.10.000.01.02	33.10.000.01.08
177×645	2	2×10 MAX	1587 (1)	33.10.000.01.03	33.10.000.01.09
177×1255	2	2×22 MAX	2381 (2)	33.10.000.01.04	33.10.000.01.10
177×1555	2	2×24 MAX	3779 (3)	33.10.000.01.05	33.10.000.01.11

LED TUBE (T8 G13) NOT INCLUDED

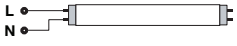
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

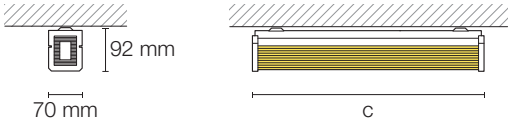


Electrical Scheme C

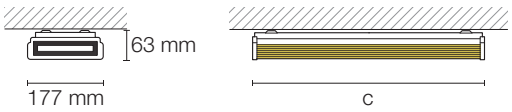




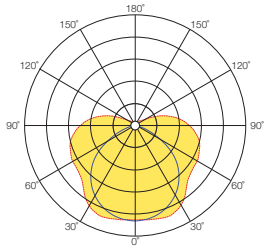
ACDE 1×...W



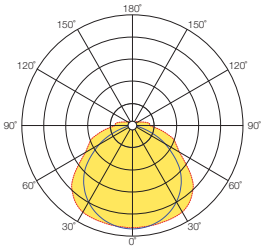
ACDE 2×...W



ACDE 1×...W



ACDE 2×...W



CANTHOR
SURFACE



PT

— Luminária discreta para aplicações de iluminação geral em interiores.
— Aplicação saliente no teto.
— Índice de proteção IP40.
— Versões PCB LED equipadas com difusor opal para luz difusa.
— Versões para tubos LED T8 (não incluídos) com difusor prismático.
— Sistema de patilhas de fecho rápido do difusor para facilidade de instalação.

EN

— Unobtrusive luminaire suitable for general interior lighting.
— For direct ceiling mounting.
— IP40 protection rating.
— PCB LED versions equipped with opal diffuser for diffuse lighting.
— Versions for use with T8 LED tubes (not included) with prismatic diffuser.
— Quick-release diffuser latches for easy installation.

QUICK INFO

GENERAL
Surface
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

CANTHOR SURFACE

OPAL DIFFUSER

LED MODULES

Color Temp.	c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	648	2750	25	33.50.000.08.14	33.50.000.08.18
	1248	5500	51	33.50.000.08.15	33.50.000.08.19
4000 K	648	2895	25	33.50.000.08.16	33.50.000.08.20
	1248	5789	51	33.50.000.08.17	33.50.000.08.21

CLEAR PRISMATIC DIFFUSER

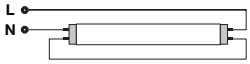
LED TUBES

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
648	2	2×10 MAX	1526 (1)	33.50.000.01.03	33.50.000.01.12
1248	2	2×22 MAX	3633 (2)	33.50.000.01.04	33.50.000.01.13

LED TUBE (T8 G13) NOT INCLUDED

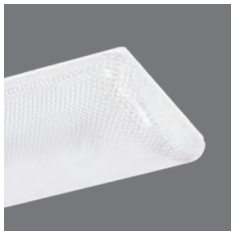
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



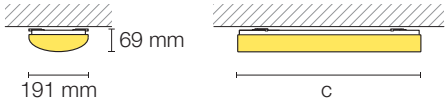
Electrical Scheme C



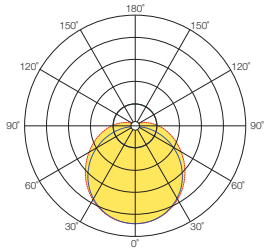


– Clear Prismatic PMMA Diffuser for LED Tubes.

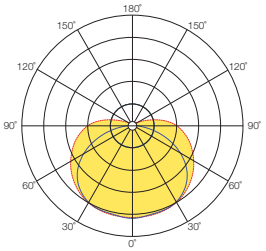




Opal Diffuser



Prismatic Diffuser



ACO
CORNER SURFACE



PT

— Luminária de canto para aplicação saliente em interiores.
— Possibilidade de aplicação horizontal ou vertical.
— Versões PCB LED equipadas com difusor opal para luz difusa.
— Versões para tubos LED T8 (não incluídos) com difusor prismático.
— Corpo em chapa de aço de formato triangular com ângulo de 45˚.
— Sistema de patilhas de fecho rápido do difusor para facilidade de instalação.

EN

— Corner surface mounted luminaire for indoor applications.
— Possibility of horizontal or vertical installation.
— PCB LED versions equipped with opal diffuser for diffuse lighting.
— Versions for use with T8 LED tubes (not included) with prismatic diffuser.
— Triangular-shaped steel sheet body with 45˚ angle.
— Quick-release diffuser latches for easy installation.

QUICK INFO

GENERAL
Corner Surface
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

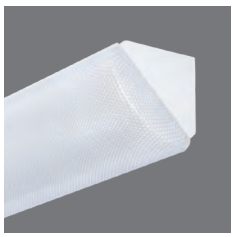
SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours



– Clear Prismatic PMMA Diffuser for LED Tubes.

ACO CORNER SURFACE

OPAL DIFFUSER

LED MODULES

Color Temp.	c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	648	2220	25	33.04.000.08.00	33.04.000.08.04
	1248	4441	51	33.04.000.08.01	33.04.000.08.05
4000 K	648	2337	25	33.04.000.08.02	33.04.000.08.06
	1248	4674	51	33.04.000.08.03	33.04.000.08.07

OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.23
EM 3H 3W	35.00.003.01.24

DALI	COD
EM 1H 5,4W DALI	35.00.004.01.54
EM 3H 5,4W DALI	35.00.004.01.55

CLEAR PRISMATIC DIFFUSER

LED TUBES

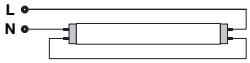
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
648	2	2×10 MAX	1451 (1)	33.04.000.01.00	33.04.000.01.02
1248	4	2×22 MAX	2177 (2)	33.04.000.01.01	33.04.000.01.03

LED TUBE (T8 G13) NOT INCLUDED

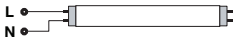
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840

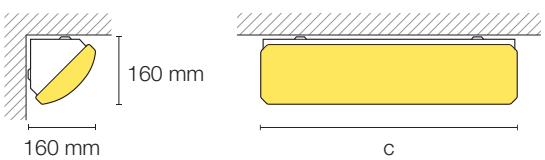
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

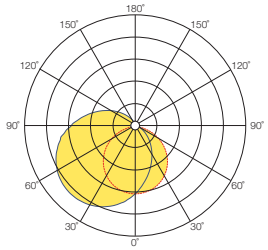


Electrical Scheme C

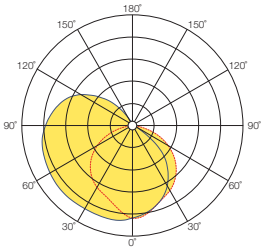




Opal Diffuser



Prismatic Diffuser







DOWNLIGHTS

SIRIUS 120,170,225
RECESSED



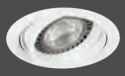
SIRIUS-D 137 IP44
RECESSED



SIRIUS-D 187 IP44
RECESSED



SIRIUS-R 184 RO
RECESSED



SIRIUS-R SQ SINGLE
RECESSED



SIRIUS-R SQ DUO
RECESSED



SIRIUS
RECESSED



PT

— Downlight de elevada eficiência para atualização da iluminação convencional para tecnologia LED.
— Fonte de luz recuada para controlo do encandeamento e elevado conforto visual.
— Refletor facetado com duas opções de ângulo de abertura: 60° ou 90°.
— Índice de proteção IP40 na face visível.
— Luminária com fonte de alimentação incorporada.
— Com molas de fixação rápida para instalação sem ferramentas.

EN

— High efficiency downlight for upgrading conventional lighting to LED technology.
— The rearward LED position avoids glare, providing a greater sense of visual comfort.
— Faceted reflector with choice of two beam angles: 60° or 90°.
— IP40 protection rating on the visible body.
— Luminaire with built-in power supply.
— Tool free spring clip installation, directly out of the box.

QUICK INFO

GENERAL
Recessed
IP40
IK04
850°C
Class II
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate
+ Aluminium Reflector

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 109 lm/W
3000 K, 4000 K
CRI >80
Lifetime 50 000 H
L70/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

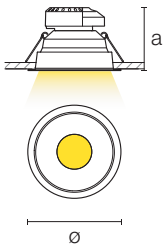
FINISHING
RAL 9003 Matt White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT

+2 −2
10W – Ø108 mm
20W – Ø158 mm
30W – Ø210 mm

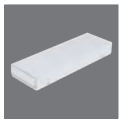


SIRIUS RECESSED

MIRO SILVER® REFLECTOR

Color Temp.	Beam (°)	Ø×a (mm)	Output (lm)	System (W)	COD
3000 K	60°	ø120×85	1060	10	33.92.011.08.62
		ø170×115	2130	20	33.92.011.08.66
		ø225×135	3070	30	33.92.011.08.70
	90°	ø120×85	1060	10	33.92.011.08.63
		ø170×115	2130	20	33.92.011.08.67
		ø225×135	3070	30	33.92.011.08.71
4000 K	60°	ø120×85	1110	10	33.92.011.08.64
		ø170×115	2210	20	33.92.011.08.68
		ø225×135	3180	30	33.92.011.08.72
	90°	ø120×85	1110	10	33.92.011.08.65
		ø170×115	2210	20	33.92.011.08.69
		ø225×135	3180	30	33.92.011.08.73

OPTIONS

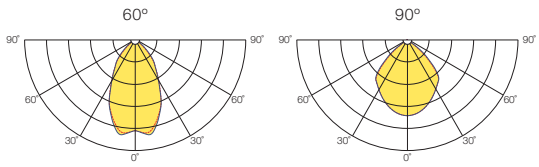


EXTERNAL EMERGENCY BOX (EM)

ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI	DIMENSION	COD
EM BOX 1H 5,4W DALI	45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI	45×120×360 mm	35.00.005.01.05





SIRIUS-D 137 IP44
RECESSED



PT

— Downlight de luz homogénea para aplicação encastrada.
— Índice de proteção IP44 na face visível.
— Com molas de fixação rápida para instalação sem ferramentas.
— Apropriado para instalação em tetos falsos com espessura entre 1 e 25 mm.
— Luminária com fonte de alimentação incorporada.
— Difusor policarbonato opal para iluminação homogénea, difusa e eficiente.
— Aro de remate em alumínio com revestimento a epoxy-poliester.

EN

— Homogeneous lighting recessed downlight.
— IP44 protection rating on the visible body.
— Tool free spring clip installation, directly out of the box.
— Suitable for 1-25 mm ceiling thicknesses.
— Luminaire with built-in power supply.
— Opal polycarbonate diffuser for efficient homogeneous lighting.
— Epoxy-polyester powder coated aluminium rim.

QUICK INFO

GENERAL
Recessed
IP44 (Optic), IP20 (Geral)
IK06
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 109 lm/W
3000 K, 4000 K
CRI >80
Lifetime 50 000 H
L70/B10 @Tc=65°C

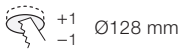
ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

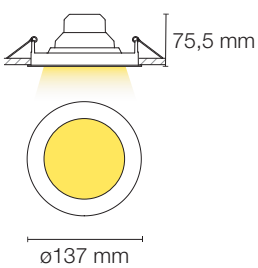
FINISHING
RAL 9003 Matt White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT



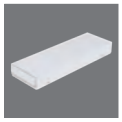


SIRIUS-D 137 RECESSED
OPAL DIFFUSER

IP44

Color Temp.	Ø (mm)	Output (lm)	System (W)	COD
3000 K	137	722	10	33.92.011.08.99
4000 K	137	752	10	33.92.012.08.00

OPTIONS

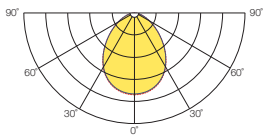


EXTERNAL EMERGENCY BOX (EM)

ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI		DIMENSION	COD
EM BOX 1H 5,4W DALI		45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI		45×120×360 mm	35.00.005.01.05





SIRIUS-D 187 IP44
RECESSED



PT

— Downlight de luz homogénea para aplicação encastrada.
— Índice de proteção IP44 na face visível.
— Com molas de fixação rápida para instalação sem ferramentas.
— Apropriado para instalação em tetos falsos com espessura entre 1 e 25 mm.
— Luminária com fonte de alimentação incorporada.
— Difusor policarbonato opal para iluminação homogénea, difusa e eficiente.
— Aro de remate em alumínio com revestimento a epoxy-poliester.

EN

— Homogeneous lighting recessed downlight.
— IP44 protection rating on the visible body.
— Tool free spring clip installation, directly out of the box.
— Suitable for 1-25 mm ceiling thicknesses.
— Luminaire with built-in power supply.
— Opal polycarbonate diffuser for efficient homogeneous lighting.
— Epoxy-polyester powder coated aluminium rim.

QUICK INFO

GENERAL
Recessed
IP44 (Optic), IP20 (Geral)
IK06
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 109 lm/W
3000 K, 4000 K
CRI >80
Lifetime 50 000 H
L70/B10 @Tc=65°C

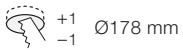
ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

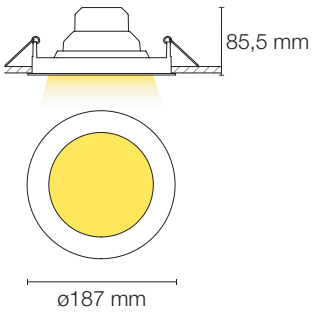
FINISHING
RAL 9003 Matt White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT



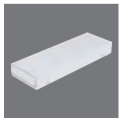


SIRIUS-D 187 RECESSED
OPAL DIFFUSER

IP44

Color Temp.	Ø (mm)	Output (lm)	System (W)	COD
3000 K	187	1448	20	33.92.012.08.01
4000 K	187	1507	20	33.92.012.08.02

OPTIONS

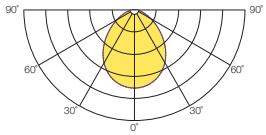


EXTERNAL EMERGENCY BOX (EM)

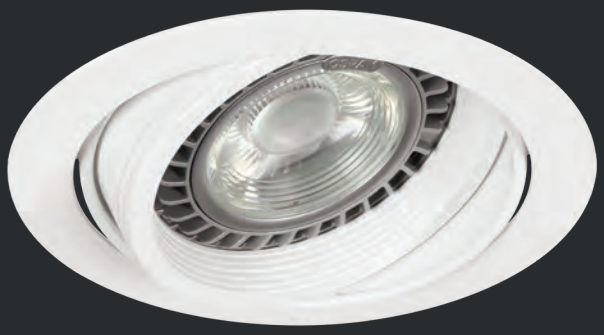
ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI		DIMENSION	COD
EM BOX 1H 5,4W DALI		45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI		45×120×360 mm	35.00.005.01.05





SIRIUS-R RO
RECESSED



PT

— Downlight orientável para aplicação encastrada em interiores.
— Mecanismo articulado que permite a inclinação até 30° em dois eixos.
— Versões CRI >80 ou CRI >90 com elevada restituição cromática.
— Três opções de ângulo de abertura do feixe.
— Luminária com fonte de alimentação incluída.
— Com molas de fixação rápida para instalação sem ferramentas.
— Aro de remate em alumínio com revestimento a epoxy-poliester.

EN

— Directional downlight for recessed mounting in interior spaces.
— Pivoting mechanism allowing 30° tilt in two axes.
— Choice of CRI >80 or CRI >90 for very good colour rendering.
— Three different beam opening angles.
— Luminaire with included power supply.
— Tool free spring clip installation, directly out of the box.
— Epoxy-polyester powder coated aluminium rim.

QUICK INFO

GENERAL
Recessed
IP20
IK05
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 127 lm/W
3000 K, 4000 K
CRI >80, CRI >90
Lifetime 50 000 H
L70/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

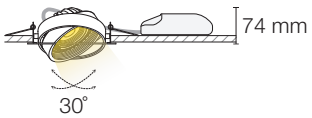
FINISHING
RAL 9003 Matt White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT







SIRIUS-R 184 RO ORIENTABLE RECESSED

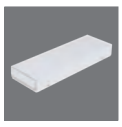
CRI >80

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	15°	2700	29	33.92.012.08.09	33.92.012.08.66
	24°	2760	29	33.92.012.08.10	33.92.012.08.67
		4550	42	33.92.012.08.15	33.92.012.08.72
	40°	2650	29	33.92.012.08.11	33.92.012.08.68
		4340	42	33.92.012.08.16	33.92.012.08.73
	60°	4240	42	33.92.012.08.17	33.92.012.08.74
4000 K	15°	2830	29	33.92.012.08.12	33.92.012.08.69
	24°	2900	29	33.92.012.08.13	33.92.012.08.70
		4780	42	33.92.012.08.18	33.92.012.08.75
	40°	2780	29	33.92.012.08.14	33.92.012.08.71
		4560	42	33.92.012.08.19	33.92.012.08.76
	60°	4450	42	33.92.012.08.20	33.92.012.08.77

CRI >90

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
2700 K	15°	1730	20	33.92.013.08.58	33.92.013.08.61
	24°	1770	20	33.92.013.08.59	33.92.013.08.62
	40°	1700	20	33.92.013.08.60	33.92.013.08.63
3000 K	15°	1840	20	33.92.012.08.03	33.92.012.08.60
	24°	1880	20	33.92.012.08.04	33.92.012.08.61
	40°	1800	20	33.92.012.08.05	33.92.012.08.62
4000 K	15°	1940	20	33.92.012.08.06	33.92.012.08.63
	24°	1990	20	33.92.012.08.07	33.92.012.08.64
	40°	1910	20	33.92.012.08.08	33.92.012.08.65

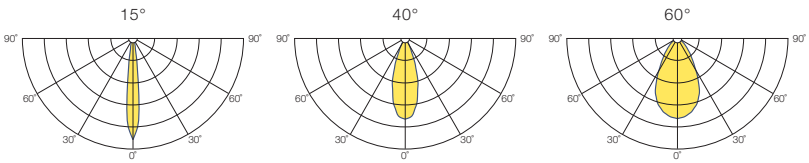
OPTIONS



EXTERNAL EMERGENCY BOX (EM)

ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI	DIMENSION	COD
EM BOX 1H 5,4W DALI	45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI	45×120×360 mm	35.00.005.01.05



SIRIUS-R SQ SINGLE RECESSED



PT

— Downlight orientável em versão Single para aplicação encastrada.
— Mecanismo articulado que permite a inclinação até 30° em dois eixos.
— Versões CRI >80 ou CRI >90 com elevada restituição cromática.
— Três opções de ângulo de abertura do feixe.
— Luminária com fonte de alimentação incluída.
— Com molas de fixação rápida para instalação sem ferramentas.
— Aro de remate em alumínio com revestimento a epoxy-poliester.

EN

— Directional downlight in Single version for recessed mounting.
— Pivoting mechanism allowing 30° tilt in two axes.
— Choice of CRI >80 or CRI >90 for very good colour rendering.
— Three different beam opening angles.
— Luminaire with included power supply.
— Tool free spring clip installation, directly out of the box.
— Epoxy-polyester powder coated aluminium rim.

QUICK INFO

GENERAL
Recessed
IP20
IK05
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 127 lm/W
3000 K, 4000 K
CRI >80, CRI >90
Lifetime 50 000 H
L70/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

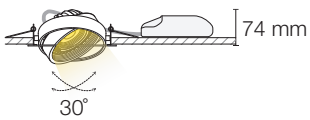
FINISHING
RAL 9003 Matt White

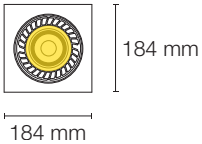
OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT







SIRIUS-R SQ SINGLE RECESSED

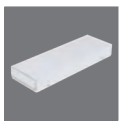
CRI >80

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	15°	2700	29	33.92.012.08.27	33.92.012.08.84
	24°	2760	29	33.92.012.08.28	33.92.012.08.85
		4550	42	33.92.012.08.33	33.92.012.08.90
	40°	2650	29	33.92.012.08.29	33.92.012.08.86
		4340	42	33.92.012.08.34	33.92.012.08.91
	60°	4240	42	33.92.012.08.35	33.92.012.08.92
4000 K	15°	2830	29	33.92.012.08.30	33.92.012.08.87
	24°	2900	29	33.92.012.08.31	33.92.012.08.88
		4780	42	33.92.012.08.36	33.92.012.08.93
	40°	2780	29	33.92.012.08.32	33.92.012.08.89
		4560	42	33.92.012.08.37	33.92.012.08.94
	60°	4450	42	33.92.012.08.38	33.92.012.08.95

CRI >90

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
2700 K	15°	1730	20	33.92.013.08.64	33.92.013.08.70
	24°	1770	20	33.92.013.08.65	33.92.013.08.71
	40°	1700	20	33.92.013.08.66	33.92.013.08.72
3000 K	15°	1840	20	33.92.012.08.21	33.92.012.08.78
	24°	1880	20	33.92.012.08.22	33.92.012.08.79
	40°	1800	20	33.92.012.08.23	33.92.012.08.80
4000 K	15°	1940	20	33.92.012.08.24	33.92.012.08.81
	24°	1990	20	33.92.012.08.25	33.92.012.08.82
	40°	1910	20	33.92.012.08.26	33.92.012.08.83

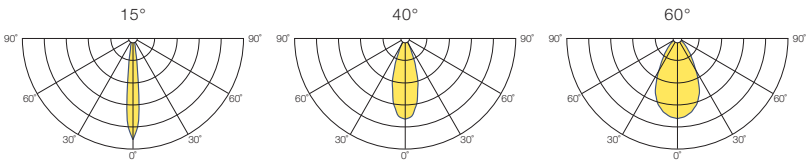
OPTIONS



EXTERNAL EMERGENCY BOX (EM)

ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI	DIMENSION	COD
EM BOX 1H 5,4W DALI	45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI	45×120×360 mm	35.00.005.01.05



SIRIUS-R SQ DUO RECESSED



PT

— Downlight orientável em versão Duo para aplicação encastrada.
— Mecanismo articulado que permite a inclinação até 30° em dois eixos.
— Versões CRI >80 ou CRI >90 com elevada restituição cromática.
— Três opções de ângulo de abertura do feixe.
— Luminária com fonte de alimentação incluída.
— Com molas de fixação rápida para instalação sem ferramentas.
— Aro de remate em alumínio com revestimento a epoxy-poliester.

EN

— Directional downlight in Duo version for recessed mounting.
— Pivoting mechanism allowing 30° tilt in two axes.
— Choice of CRI >80 or CRI >90 for very good colour rendering.
— Three different beam opening angles.
— Luminaire with included power supply.
— Tool free spring clip installation, directly out of the box.
— Epoxy-polyester powder coated aluminium rim.

QUICK INFO

GENERAL
Recessed
IP20
IK05
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 127 lm/W
3000 K, 4000 K
CRI >80, CRI >90
Lifetime 50 000 H
L70/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9003 Matt White

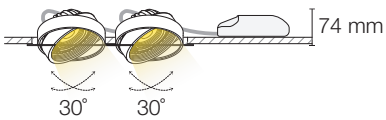
OPTIONS

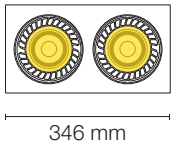
EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

CUT OUT



174×326 mm





SIRIUS-R SQ DUO RECESSED

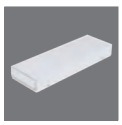
CRI >80

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	15°	5400	57	33.92.012.08.45	33.92.013.08.02
	24°	5520	57	33.92.012.08.46	33.92.013.08.03
		9100	83	33.92.012.08.51	33.92.013.08.08
	40°	5300	57	33.92.012.08.47	33.92.013.08.04
		8680	83	33.92.012.08.52	33.92.013.08.09
	60°	8480	83	33.92.012.08.53	33.92.013.08.10
4000 K	15°	5660	57	33.92.012.08.48	33.92.013.08.05
	24°	5800	57	33.92.012.08.49	33.92.013.08.06
		9560	83	33.92.012.08.54	33.92.013.08.11
	40°	5560	57	33.92.012.08.50	33.92.013.08.07
		9120	83	33.92.012.08.55	33.92.013.08.12
	60°	8900	83	33.92.012.08.56	33.92.013.08.13

CRI >90

Color Temp.	Beam (°)	Output (lm)	System (W)	ON/OFF	DALI
2700 K	15°	3460	40	33.92.013.08.67	33.92.013.08.73
	24°	3540	40	33.92.013.08.68	33.92.013.08.74
	40°	3400	40	33.92.013.08.69	33.92.013.08.75
3000 K	15°	3680	40	33.92.012.08.39	33.92.012.08.96
	24°	3760	40	33.92.012.08.40	33.92.012.08.97
	40°	3600	40	33.92.012.08.41	33.92.012.08.98
4000 K	15°	3880	40	33.92.012.08.42	33.92.012.08.99
	24°	3980	40	33.92.012.08.43	33.92.013.08.00
	40°	3820	40	33.92.012.08.44	33.92.013.08.01

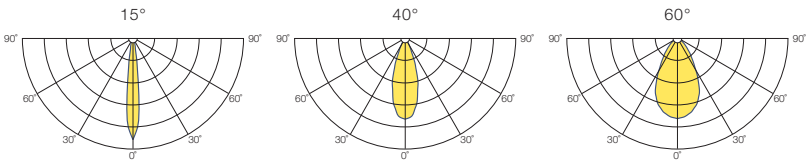
OPTIONS



EXTERNAL EMERGENCY BOX (EM)

ON/OFF	REST MODE	DIMENSION	COD
EM BOX 1H 3W	6-12 V	45×120×360 mm	35.00.005.01.02
EM BOX 3H 3W	6-12 V	45×120×360 mm	35.00.005.01.03

DALI	DIMENSION	COD
EM BOX 1H 5,4W DALI	45×120×360 mm	35.00.005.01.04
EM BOX 3H 5,4W DALI	45×120×360 mm	35.00.005.01.05

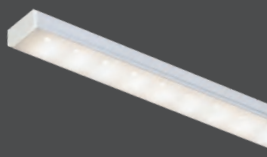




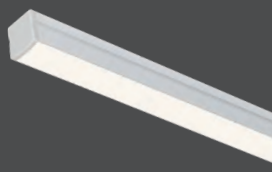


MINI PROFILES

NANO-S8
SURFACE



NANO-S15
SURFACE



NANO-C
CORNER SURFACE



NANO-R10
RECESSED



NANO-R15
RECESSED



NANO-S8 IP40
SURFACE



PT

— Perfil LED para iluminação em prateleiras e mobiliário, sancas e superfícies de trabalho.
— Fornece uma iluminação eficiente para superfícies uniformemente iluminadas.
— Perfil de alumínio compacto e ultra-plano (apenas 9 mm) para aplicação saliente.
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Driver externo de tensão constante e classe de proteção II.
— Difusor opal e corpo em perfil de alumínio anodizado mate.
— Disponível em duas potências de LED para se adequar às mais diversas aplicações.

CEILING APPLICATION



EN

— LED profile for shelf and furniture lighting, cove lighting and for illuminating work surfaces.
— Provides efficient lighting for evenly illuminated surfaces.
— Compact, ultra-low (only 9 mm) surface mounted aluminium profile.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II and constant voltage driver.
— Opal diffuser and matt anodized aluminium profile.
— Choice of two LED powers to suit most applications.

WALL APPLICATION



QUICK INFO

GENERAL
Surface / Wall
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

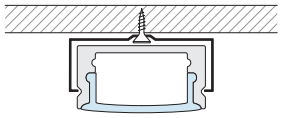
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL

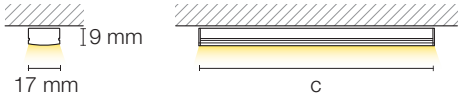


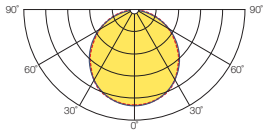
NANO-S8 SURFACE
OPAL DIFFUSER

IP40

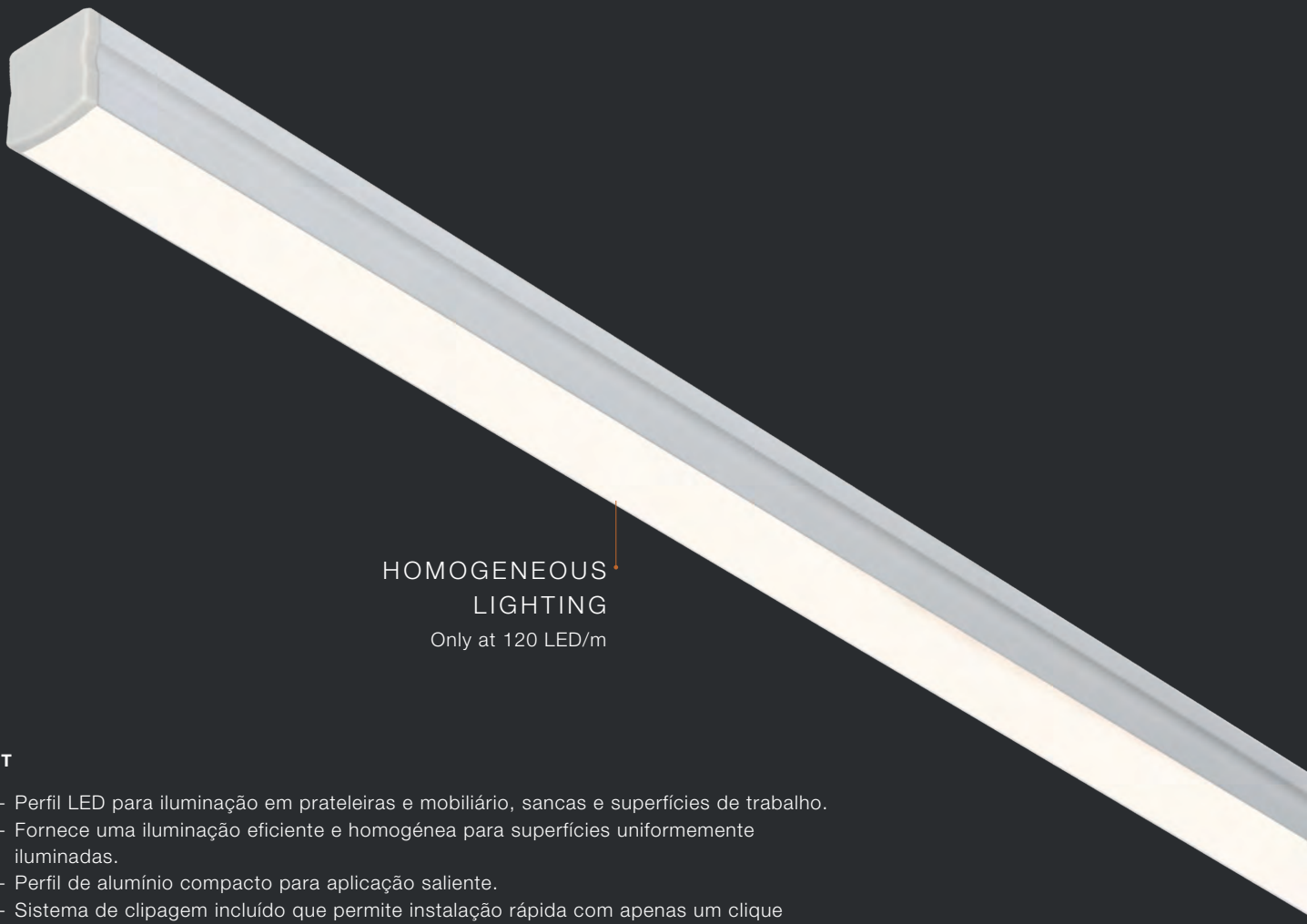
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	62	2	60	33.41.15.003047
		141	5	120	33.41.15.003048
	925	140	5	60	33.41.15.003002
		318	11	120	33.41.15.003003
	1425	218	7	60	33.41.15.003056
		495	17	120	33.41.15.003057
	1925	296	10	60	33.41.15.003065
		672	23	120	33.41.15.003066
3000 K	425	64	2	60	33.41.15.003050
		148	5	120	33.41.15.003051
	925	145	5	60	33.41.15.003005
		333	11	120	33.41.15.003006
	1425	225	7	60	33.41.15.003059
		518	17	120	33.41.15.003060
	1925	305	10	60	33.41.15.003068
		703	23	120	33.41.15.003069
4000 K	425	66	2	60	33.41.15.003053
		154	5	120	33.41.15.003054
	925	148	5	60	33.41.15.003008
		347	11	120	33.41.15.003009
	1425	230	7	60	33.41.15.003062
		540	17	120	33.41.15.003063
	1925	312	10	60	33.41.15.003071
		733	23	120	33.41.15.003072

— External Driver information on page 075.





NANO-S15 IP40, IP65
SURFACE



HOMOGENEOUS
LIGHTING
Only at 120 LED/m

PT

— Perfil LED para iluminação em prateleiras e mobiliário, sancas e superfícies de trabalho.
— Fornece uma iluminação eficiente e homogénea para superfícies uniformemente iluminadas.
— Perfil de alumínio compacto para aplicação saliente.
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Driver externo de tensão constante e classe de proteção II.
— Difusor opal e corpo em perfil de alumínio anodizado mate.
— Disponível em duas potências de LED para se adequar às mais diversas aplicações.

CEILING APPLICATION



EN

— LED profile for shelf and furniture lighting, cove lighting and for illuminating work surfaces.
— Provides efficient and homogeneous lighting for evenly illuminated surfaces.
— Compact, ultra-low surface mounted aluminium profile.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II and constant voltage driver.
— Opal diffuser and matt anodized aluminium profile.
— Choice of two LED powers to suit most applications.

WALL APPLICATION



QUICK INFO

GENERAL
Surface / Wall
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

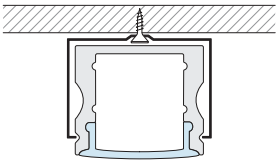
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL

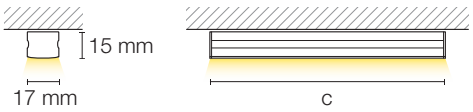


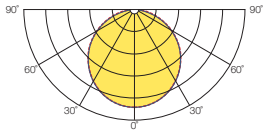
NANO-S15 SURFACE
OPAL DIFFUSER

IP40

Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	131	2	60	33.41.15.003278
		297	5	120	33.41.15.003279
	925	294	5	60	33.41.15.003281
		668	11	120	33.41.15.003282
	1425	458	7	60	33.41.15.003284
		1039	17	120	33.41.15.003285
	1925	622	10	60	33.41.15.003287
		1410	23	120	33.41.15.003288
3000 K	425	135	2	60	33.41.15.003290
		310	5	120	33.41.15.003291
	925	304	5	60	33.41.15.003293
		698	11	120	33.41.15.003294
	1425	472	7	60	33.41.15.003296
		1086	17	120	33.41.15.003297
	1925	641	10	60	33.41.15.003299
		1474	23	120	33.41.15.003300
4000 K	425	138	2	60	33.41.15.003302
		324	5	120	33.41.15.003303
	925	310	5	60	33.41.15.003305
		729	11	120	33.41.15.003306
	1425	482	7	60	33.41.15.003308
		1133	17	120	33.41.15.003309
	1925	654	10	60	33.41.15.003311
		1538	23	120	33.41.15.003312

— External Driver information on page 075.





QUICK INFO

GENERAL
Surface / Wall
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

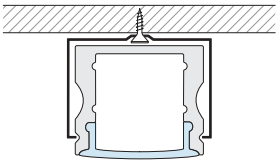
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL

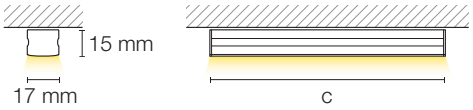


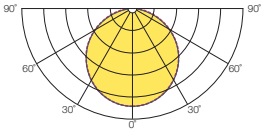
NANO-S15 SURFACE
OPAL DIFFUSER

IP65

Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	127	2	60	33.41.15.003314
		288	5	120	33.41.15.003315
	925	285	5	60	33.41.15.003316
		647	11	120	33.41.15.003317
	1425	444	7	60	33.41.15.003318
		1007	17	120	33.41.15.003319
	1925	603	10	60	33.41.15.003320
		1367	23	120	33.41.15.003321
3000 K	425	131	2	60	33.41.15.003322
		301	5	120	33.41.15.003323
	925	294	5	60	33.41.15.003324
		677	11	120	33.41.15.003325
	1425	458	7	60	33.41.15.003326
		1053	17	120	33.41.15.003327
	1925	621	10	60	33.41.15.003328
		1429	23	120	33.41.15.003329
4000 K	425	133	2	60	33.41.15.003330
		314	5	120	33.41.15.003331
	925	300	5	60	33.41.15.003332
		706	11	120	33.41.15.003333
	1425	467	7	60	33.41.15.003334
		1099	17	120	33.41.15.003335
	1925	634	10	60	33.41.15.003336
		1491	23	120	33.41.15.003337

— External Driver information on page 075.







NANO-C IP40, IP65
CORNER SURFACE



PT

— Perfil de canto compacto e eficiente para iluminação em prateleiras e mobiliário, sancas e superfícies de trabalho.
— Fornece uma iluminação eficiente para superfícies uniformemente iluminadas.
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Driver externo de tensão constante e classe de proteção II.
— Difusor opal e corpo em perfil de alumínio de formato triangular com ângulo a 45˚.
— Disponível em duas potências de LED para se adequar às mais diversas aplicações.

EN

— Slender, highly efficient corner mounted profile for shelf and furniture lighting, cove lighting and for illuminating work surfaces.
— Provides efficient lighting for evenly illuminated surfaces.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II and constant voltage driver.
— Opal diffuser and triangular-shaped aluminium profile body with 45˚ angle.
— Choice of two LED powers to suit most applications.

QUICK INFO

GENERAL
Corner Surface
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

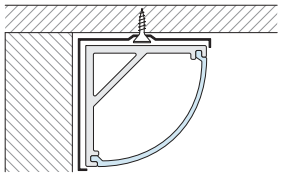
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL

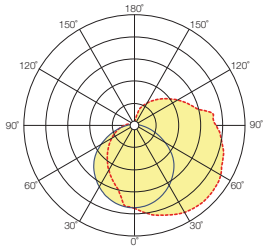


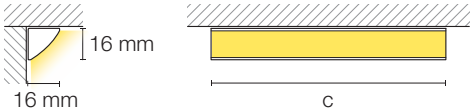
NANO-C CORNER SURFACE
OPAL DIFFUSER

IP40

Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	62	2	60	33.41.15.003074
		141	5	120	33.41.15.003075
	925	140	5	60	33.41.15.003089
		318	11	120	33.41.15.003090
	1425	218	7	60	33.41.15.003104
		495	17	120	33.41.15.003105
	1925	296	10	60	33.41.15.003119
		672	23	120	33.41.15.003120
3000 K	425	64	2	60	33.41.15.003077
		148	5	120	33.41.15.003078
	925	145	5	60	33.41.15.003092
		333	11	120	33.41.15.003093
	1425	225	7	60	33.41.15.003107
		518	17	120	33.41.15.003108
	1925	305	10	60	33.41.15.003122
		703	23	120	33.41.15.003123
4000 K	425	66	2	60	33.41.15.003080
		154	5	120	33.41.15.003081
	925	148	5	60	33.41.15.003095
		347	11	120	33.41.15.003096
	1425	230	7	60	33.41.15.003110
		540	17	120	33.41.15.003111
	1925	312	10	60	33.41.15.003125
		733	23	120	33.41.15.003126

— External Driver information on page 075.





QUICK INFO

GENERAL
Corner Surface
IP65
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

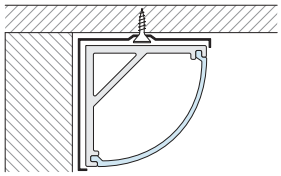
NANO-C CORNER SURFACE
OPAL DIFFUSER

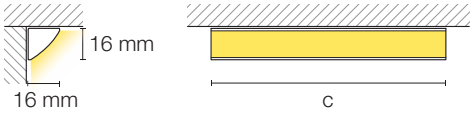
IP65

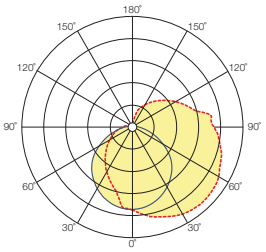
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	62	2	60	33.41.15.003083
	925	140	5	60	33.41.15.003098
	1425	218	7	60	33.41.15.003113
	1925	296	10	60	33.41.15.003128
3000 K	425	64	2	60	33.41.15.003085
	925	145	5	60	33.41.15.003100
	1425	225	7	60	33.41.15.003115
	1925	305	10	60	33.41.15.003130
4000 K	425	66	2	60	33.41.15.003087
	925	148	5	60	33.41.15.003102
	1425	230	7	60	33.41.15.003117
	1925	312	10	60	33.41.15.003132

— External Driver information on page 075.

FIXING DETAIL









NANO-R10 IP40, IP65
RECESSED



PT

— Perfil de aplicação encastrada para iluminação em prateleiras e mobiliário, sancas e superfícies de trabalho.
— Fornece uma iluminação eficiente para superfícies uniformemente iluminadas.
— Perfil de alumínio compacto (17×12 mm).
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Driver externo de tensão constante e classe de proteção II.
— Difusor opal e corpo em perfil de alumínio anodizado mate.
— Disponível em duas potências de LED para se adequar às mais diversas aplicações.

EN

— Recessed mounted profile for shelf and furniture lighting, cove lighting and for illuminating work surfaces.
— Provides efficient lighting for evenly illuminated surfaces.
— Compact (17×12 mm) aluminium profile.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II and constant voltage driver.
— Opal diffuser and matt anodized aluminium profile.
— Choice of two LED powers to suit most applications.

QUICK INFO

GENERAL
Recessed
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

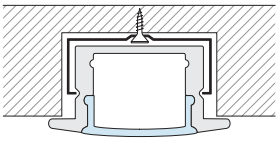
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL



NANO-R10 RECESSED
OPAL DIFFUSER

IP40

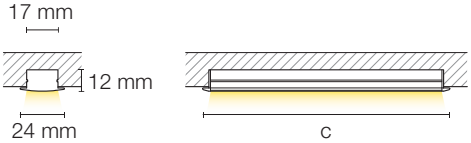
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	62	2	60	33.41.15.003134
		141	5	120	33.41.15.003135
	925	140	5	60	33.41.15.003149
		318	11	120	33.41.15.003150
	1425	218	7	60	33.41.15.003164
		495	17	120	33.41.15.003165
	1925	296	10	60	33.41.15.003179
		672	23	120	33.41.15.003180
3000 K	425	64	2	60	33.41.15.003137
		148	5	120	33.41.15.003138
	925	145	5	60	33.41.15.003152
		333	11	120	33.41.15.003153
	1425	225	7	60	33.41.15.003167
		518	17	120	33.41.15.003168
	1925	305	10	60	33.41.15.003182
		703	23	120	33.41.15.003183
4000 K	425	66	2	60	33.41.15.003140
		154	5	120	33.41.15.003141
	925	148	5	60	33.41.15.003155
		347	11	120	33.41.15.003156
	1425	230	7	60	33.41.15.003170
		540	17	120	33.41.15.003171
	1925	312	10	60	33.41.15.003185
		733	23	120	33.41.15.003186

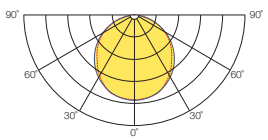
— External Driver information on page 075.

CUT OUT



19×(**c**+2) mm ↕ 11 mm





QUICK INFO

GENERAL
Recessed
IP65
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

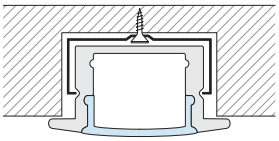
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL



NANO-R10 RECESSED
OPAL DIFFUSER

IP65

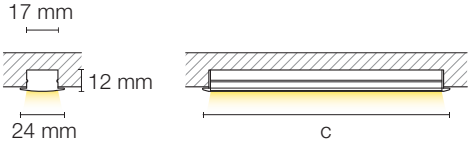
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	62	2	60	33.41.15.003143
		141	5	120	33.41.15.003144
	925	140	5	60	33.41.15.003158
		318	11	120	33.41.15.003159
	1425	218	7	60	33.41.15.003173
		495	17	120	33.41.15.003174
	1925	296	10	60	33.41.15.003188
		672	23	120	33.41.15.003189
3000 K	425	64	2	60	33.41.15.003145
		148	5	120	33.41.15.003146
	925	145	5	60	33.41.15.003160
		333	11	120	33.41.15.003161
	1425	225	7	60	33.41.15.003175
		518	17	120	33.41.15.003176
	1925	305	10	60	33.41.15.003190
		703	23	120	33.41.15.003191
4000 K	425	66	2	60	33.41.15.003147
		154	5	120	33.41.15.003148
	925	148	5	60	33.41.15.003162
		347	11	120	33.41.15.003163
	1425	230	7	60	33.41.15.003177
		540	17	120	33.41.15.003178
	1925	312	10	60	33.41.15.003192
		733	23	120	33.41.15.003193

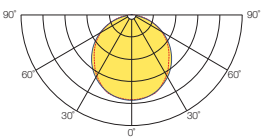
— External Driver information on page 075.

CUT OUT



19×(**c**+2) mm ↕ 11 mm







NANO-R15 IP40, IP65
RECESSED



PT

— Perfil de aplicação encastrada para iluminação em prateleiras e mobiliário, sancas e superfícies de trabalho.
— Fornece uma iluminação eficiente e homogénea para superfícies uniformemente iluminadas.
— Perfil de alumínio compacto (17x15 mm).
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Driver externo de tensão constante e classe de proteção II.
— Difusor opal e corpo em perfil de alumínio anodizado mate.
— Disponível em duas potências de LED para se adequar às mais diversas aplicações.

EN

— Recessed mounted profile for shelf and furniture lighting, cove lighting and for illuminating work surfaces.
— Provides efficient and homogeneous lighting for evenly illuminated surfaces.
— Compact (17x15 mm) aluminium profile.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II and constant voltage driver.
— Opal diffuser and matt anodized aluminium profile.
— Choice of two LED powers to suit most applications.

QUICK INFO

GENERAL
Recessed
IP40
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

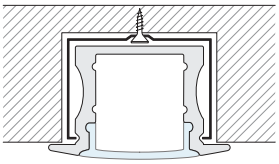
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL



NANO-R15 RECESSED
OPAL DIFFUSER

IP40

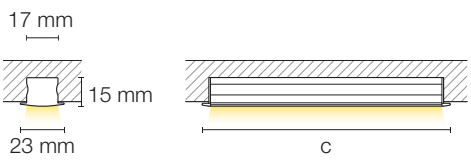
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	131	2	60	33.41.15.003218
		297	5	120	33.41.15.003219
	925	294	5	60	33.41.15.003221
		668	11	120	33.41.15.003222
	1425	458	7	60	33.41.15.003224
		1039	17	120	33.41.15.003225
	1925	622	10	60	33.41.15.003227
		1410	23	120	33.41.15.003228
3000 K	425	135	2	60	33.41.15.003230
		310	5	120	33.41.15.003231
	925	304	5	60	33.41.15.003233
		698	11	120	33.41.15.003234
	1425	472	7	60	33.41.15.003236
		1086	17	120	33.41.15.003237
	1925	641	10	60	33.41.15.003239
		1474	23	120	33.41.15.003240
4000 K	425	138	2	60	33.41.15.003242
		324	5	120	33.41.15.003243
	925	310	5	60	33.41.15.003245
		729	11	120	33.41.15.003246
	1425	482	7	60	33.41.15.003248
		1133	17	120	33.41.15.003249
	1925	654	10	60	33.41.15.003251
		1538	23	120	33.41.15.003252

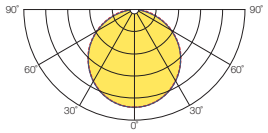
— External Driver information on page 075.

CUT OUT



18×(**c**+2) mm ↕ 13 mm





QUICK INFO

GENERAL
Recessed
IP65
IK06
850°C
Class III
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

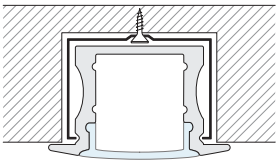
LIGHT SOURCE
LED Flexible

SPECIFICATIONS
Efficacy up to 102 lm/W
2700 K, 3000K, 4000K
CRI >80
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
ON/OFF, DALI
External Drivers Info - page 075

FINISHING
Matt Anodized

FIXING DETAIL



NANO-R15 RECESSED
OPAL DIFFUSER

IP65

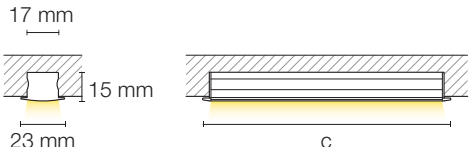
Color Temp.	c (mm)	Output (lm)	Power (W)	LED/m	COD
2700 K	425	127	2	60	33.41.15.003254
		288	5	120	33.41.15.003255
	925	285	5	60	33.41.15.003256
		647	11	120	33.41.15.003257
	1425	444	7	60	33.41.15.003258
		1007	17	120	33.41.15.003259
	1925	603	10	60	33.41.15.003260
		1367	23	120	33.41.15.003261
3000 K	425	131	2	60	33.41.15.003262
		301	5	120	33.41.15.003263
	925	294	5	60	33.41.15.003264
		677	11	120	33.41.15.003265
	1425	458	7	60	33.41.15.003266
		1053	17	120	33.41.15.003267
	1925	621	10	60	33.41.15.003268
		1429	23	120	33.41.15.003269
4000 K	425	133	2	60	33.41.15.003270
		314	5	120	33.41.15.003271
	925	300	5	60	33.41.15.003272
		706	11	120	33.41.15.003273
	1425	467	7	60	33.41.15.003274
		1099	17	120	33.41.15.003275
	1925	634	10	60	33.41.15.003276
		1491	23	120	33.41.15.003277

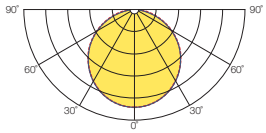
— External Driver information on page 075.

CUT OUT



18×(**c**+2) mm ↕ 13 mm





NANO S, C, R IP40, IP65
SURFACE, CORNER, RECESSED

COMPONENTS

DRIVER - EXTERNAL



CLASS II

IP20

ON/OFF	DIMENSION	COD
Power Supply 30W IP20	26,5×40×145 mm	35.41.00.000117
Power Supply 60W IP20	31×40×200 mm	35.00.004.01.89
Power Supply 120W IP20	31×40×260 mm	35.41.00.000118
DALI	**DIMENSION**	**COD**
Power Supply 35W IP20	30,2×43×195 mm	35.00.004.01.92
Power Supply 60W IP20	30,2×43×225 mm	35.00.004.01.93
Power Supply 100W IP20	29,8×43×295 mm	35.00.004.01.94
Power Supply 150W IP20	29,8×43×325 mm	35.00.004.01.95

— External Driver to be housed nearby.



CLASS II

IP66

ON/OFF	DIMENSION	COD
Power Supply 20W IP66	25×43×178 mm	35.41.00.000119
Power Supply 40W IP66	26×43×208 mm	35.41.00.000120
Power Supply 60W IP66	26×43×208 mm	35.41.00.000121
Power Supply 100W IP66	34×50×240 mm	35.41.00.000122
Power Supply 130W IP66	37×63×220 mm	35.41.00.000123
DALI	**DIMENSION**	**COD**
Power Supply 100W IP66	37×69×237 mm	35.41.00.000124
Power Supply 210W IP66	37×69×330 mm	35.41.00.000125

— External Driver to be housed nearby.

OPTIONS



CLASS II

EMERGENCY (EM)

ON/OFF	REST MODE	COD
EM 1H MAX 30W	9 VDC	35.00.005.01.36
EM 3H MAX 30W	9 VDC	35.00.005.01.37



TUBULAR



TUPOLI 70 IP40
SUSPENDED



TUPOLI 70 IP40
SURFACE



TUPOLI IP40
SUSPENDED



PT

— Luminária tubular para aplicações de iluminação geral em interiores.
— Aplicação suspensa por cabos de aço inox com ajuste rápido da altura.
— Difusor cilíndrico em policarbonato transparente resistente ao impacto.
— Refletor interno para maior desempenho da luminária.
— Topos em alumínio com acabamento branco mate.
— Disponível em quatro comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Tubular luminaire suitable for general interior lighting.
— Suspended luminaire with stainless steel suspension with integrated tool-less height adjustment.
— Clear impact-resistant polycarbonate cylindrical diffuser.
— Inner reflector to increase the luminaire performance.
— Matt white powder coated aluminium end caps.
— Available in four lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended
IP40
IK06
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9003 Matt White

TUPOLI SUSPENDED
CLEAR DIFFUSER

IP40

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
683	1	1x10 MAX	976 (1)	33.49.000.01.14	33.49.000.01.34
988	1	1x14 MAX	1463 (2)	33.49.000.01.04	33.49.000.01.35
1293	1	1x22 MAX	2323 (3)	33.49.000.01.05	33.49.000.01.36
1598	1	1x24 MAX	3438 (4)	33.49.000.01.06	33.49.000.01.37

COMPONENTS



SUSPENSION SYSTEM (2pcs)

TYPE	1m	3m	5m
Matt White + Stainless Steel Cable	35.49.003.01.48	35.49.003.01.49	35.49.002.08.76



SURFACE CEILING CUP (1pc)

TYPE	1m	3m	5m
Matt White Ø62x36 mm	35.49.001.08.30	35.49.002.08.59	35.49.002.08.67



RECESSED CEILING CUP (1pc)

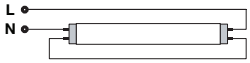
TYPE	1m	3m	5m
Matt White Ø80 mm	35.49.001.08.31	35.49.002.08.63	35.49.002.08.71

LED TUBE (T8 G13) NOT INCLUDED

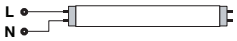
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 900mm 12W 1575lm 840
– (3) PHILIPS G13 1200mm 15,5W 2500lm 840
– (4) PHILIPS G13 1500mm 23W 3700lm 840

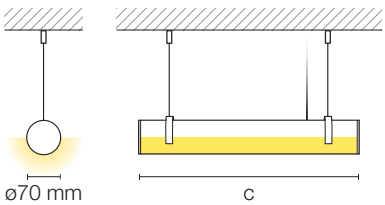
More information about the LED Tube or available electrical schemes on page 152.

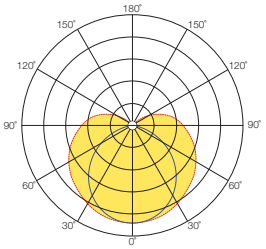
Electrical Scheme A



Electrical Scheme C







TUPOLI IP40
SURFACE



PT

— Luminária tubular para aplicações de iluminação geral em interiores.
— De aplicação saliente no teto ou na parede com peças de fixação em policarbonato ou inox.
— Difusor cilíndrico em policarbonato transparente resistente ao impacto.
— Refletor interno para maior desempenho da luminária.
— Topos em policarbonato transparente.
— Disponível em quatro comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— Tubular luminaire suitable for general interior lighting.
— Ceiling or wall surface mounted luminaire with polycarbonate or stainless steel mounting brackets.
— Clear impact-resistant polycarbonate cylindrical diffuser.
— Inner reflector to increase the luminaire performance.
— Clear polycarbonate end caps.
— Available in four lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP40
IK08
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

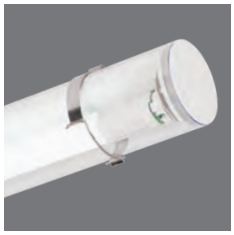
ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9003 Matt White

DETAILS



POLYCARBONATE
MOUNTING BRAKETS



STAINLESS STEEL
MOUNTING BRAKETS

TUPOLI SURFACE
CLEAR DIFFUSER

IP40

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
683	1	1×10 MAX	976 (1)	33.49.000.01.07	33.49.000.01.24
988	1	1×14 MAX	1463 (2)	33.49.000.01.08	33.49.000.01.25
1293	1	1×22 MAX	2323 (3)	33.49.000.01.12	33.49.000.01.26
1598	1	1×24 MAX	3438 (4)	33.49.000.01.13	33.49.000.01.27

COMPONENTS



SURFACE CEILING CUP (1pc)

TYPE	1m	3m	5m
Matt White Ø62x36 mm	35.49.001.08.30	35.49.002.08.59	35.49.002.08.67



RECESSED CEILING CUP (1pc)

TYPE	1m	3m	5m
Matt White Ø80 mm	35.49.001.08.31	35.49.002.08.63	35.49.002.08.71



MOUNTING SYSTEM (2pcs)

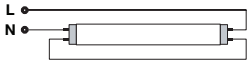
TYPE	FIG	COD
Polycarbonate Mounting Brackets	1	35.49.003.01.46
Stainless Steel Mounting Brackets	2	35.49.003.01.47

LED TUBE (T8 G13) NOT INCLUDED

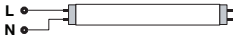
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 900mm 12W 1575lm 840
– (3) PHILIPS G13 1200mm 15,5W 2500lm 840
– (4) PHILIPS G13 1500mm 23W 3700lm 840

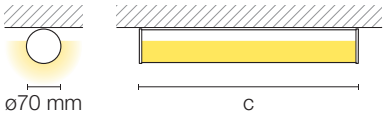
More information about the LED Tube or
available electrical schemes on page 152.

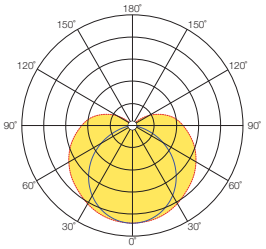
Electrical Scheme A



Electrical Scheme C








50
49

WATERPROOF

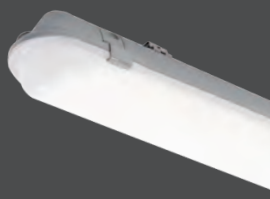
TUPOLI 70 IP65
SUSPENDED



TUPOLI 70 IP65
SURFACE



ATE BASIC
IP65, IP66, IK10
SURFACE



TUPOLI IP65, IP66
SUSPENDED



PT

— Luminária tubular com elevado grau de proteção.
— De aplicação suspensa por cabos de aço inox com ajuste rápido da altura.
— Índice de proteção IP65 ou IP66 e resistência a impactos IK10.
— Difusor cilíndrico em policarbonato transparente.
— Refletor interno para maior desempenho da luminária.
— Topo em policarbonato com bucim para garantir o IP da luminária.
— Disponível em três comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— High protection rating tubular luminaire.
— Suspended luminaire with stainless steel cables with integrated tool-less height adjustment.
— IP65 or IP66 protection rating a IK10 impact resistance level.
— Clear polycarbonate cylindrical diffuser.
— Inner reflector to increase the luminaire performance.
— Polycarbonate end cap with cable gland to ensure the IP of the luminaire.
— Available in three lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended
IP65, IP66
IK10
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

TUPOLI SUSPENDED
CLEAR DIFFUSER

IP65

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1019	1	1×14 MAX	1463 (1)	33.49.000.01.09	33.49.000.01.38
1324	1	1×22 MAX	2323 (2)	33.49.000.01.10	33.49.000.01.39
1629	1	1×24 MAX	3438 (3)	33.49.000.01.11	33.49.000.01.40

IP66

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1019	1	1×14 MAX	1463 (1)	33.49.000.01.18	33.49.000.01.41
1324	1	1×22 MAX	2323 (2)	33.49.000.01.19	33.49.000.01.42
1629	1	1×24 MAX	3438 (3)	33.49.000.01.20	33.49.000.01.43

COMPONENTS



SUSPENSION SYSTEM (2pcs)

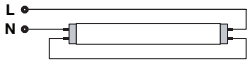
TYPE	1m	3m	5m
Matt White + Stainless Steel Cable	35.49.003.01.72	35.49.003.01.73	35.49.003.01.74

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 900mm 12W 1575lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

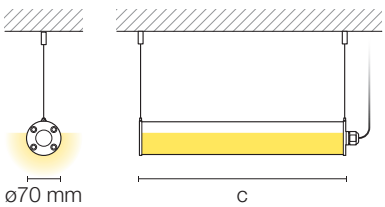
More information about the LED Tube or available electrical schemes on page 152.

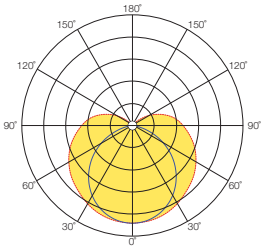
Electrical Scheme A



Electrical Scheme C







TUPOLI IP65, IP66
SURFACE



PT

— Luminária tubular com elevado grau de proteção.
— De aplicação saliente no teto ou na parede com peças de fixação em policarbonato ou inox.
— Índice de proteção IP65 ou IP66 e resistência a impactos IK10.
— Difusor cilíndrico em policarbonato transparente.
— Refletor interno para maior desempenho da luminária.
— Topo em policarbonato com bucim para garantir o IP da luminária.
— Disponível em três comprimentos para funcionamento com tubos LED T8 (não incluídos).

EN

— High protection rating tubular luminaire.
— Ceiling or wall surface mounted luminaire with polycarbonate or stainless steel mounting brackets.
— IP65 or IP66 protection rating a with IK10 impact resistance level.
— Clear polycarbonate cylindrical diffuser.
— Inner reflector to increase the luminaire performance.
— Polycarbonate end cap with cable gland to ensure the IP of the luminaire.
— Available in three lengths for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP65, IP66
IK10
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

TUPOLI SURFACE
CLEAR DIFFUSER

IP65

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1019	1	1×14 MAX	1463 (1)	33.49.000.01.15	33.49.000.01.28
1324	1	1×22 MAX	2323 (2)	33.49.000.01.16	33.49.000.01.29
1629	1	1×24 MAX	3438 (3)	33.49.000.01.17	33.49.000.01.30

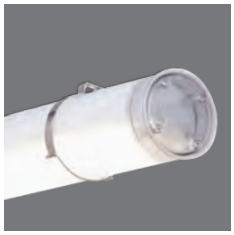
IP66

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1019	1	1×14 MAX	1463 (1)	33.49.000.01.21	33.49.000.01.31
1324	1	1×22 MAX	2323 (2)	33.49.000.01.22	33.49.000.01.32
1629	1	1×24 MAX	3438 (3)	33.49.000.01.23	33.49.000.01.33

DETAILS



POLYCARBONATE
MOUNTING BRAKETS



STAINLESS STEEL
MOUNTING BRAKETS

COMPONENTS



MOUNTING SYSTEM (2pcs)

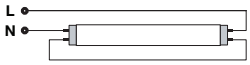
TYPE	FIG	COD
Polycarbonate Mounting Brackets	1	35.49.003.01.46
Stainless Steel Mounting Brackets	2	35.49.003.01.47

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 900mm 12W 1575lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

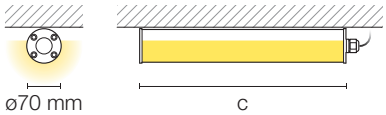
More information about the LED Tube or
available electrical schemes on page 152.

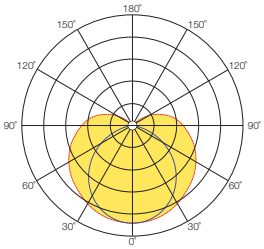
Electrical Scheme A



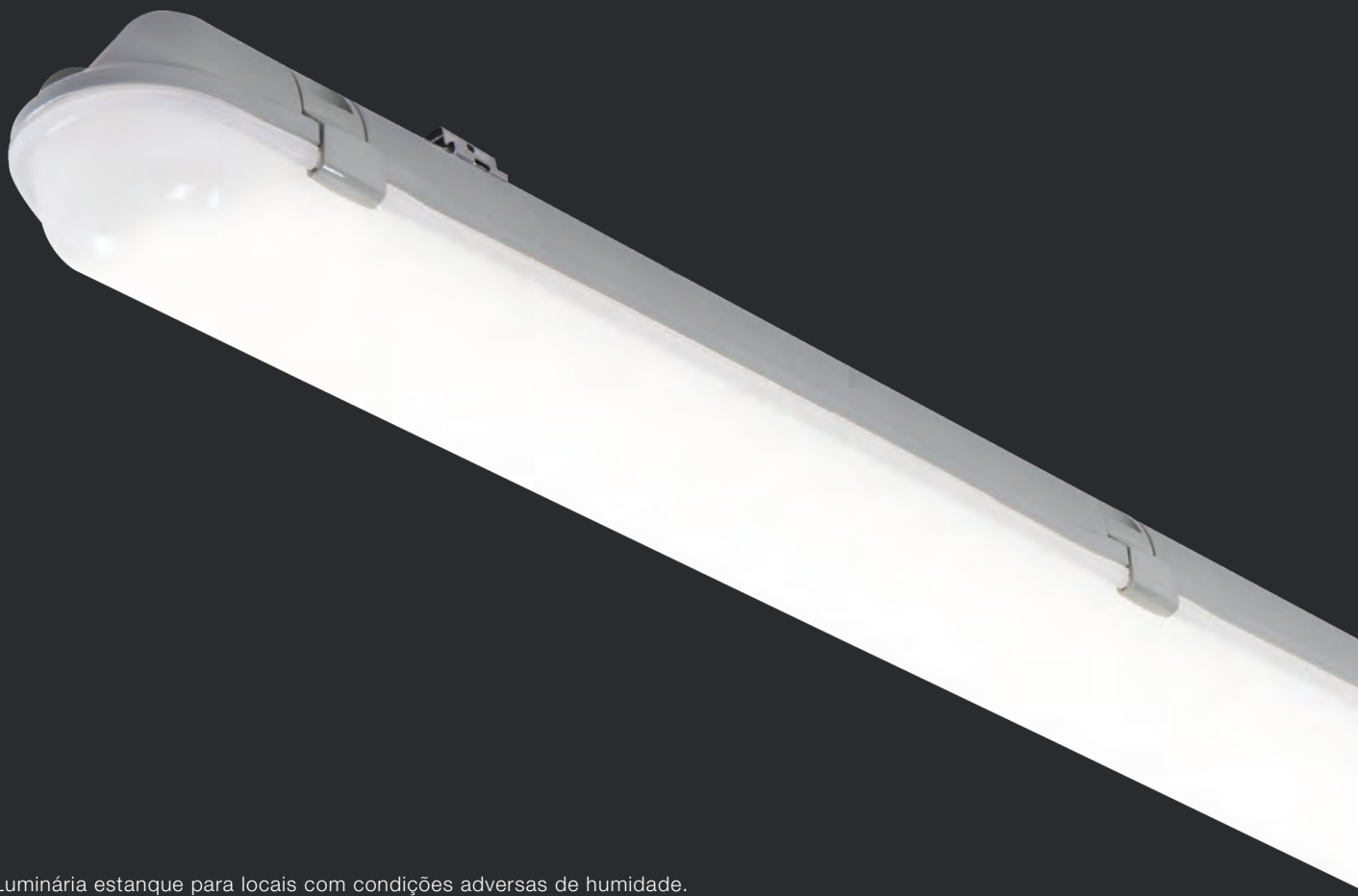
Electrical Scheme C







ATE BASIC IP65
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP65 com resistência a impactos IK08.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Difusor Policarbonato Opal para iluminação homogénea e eficiente.
— Corpo em policarbonato injetado.
— Em versões de formato largo (140 mm) e estreito (90 mm).

EN

— Weatherproof luminaire for damp environments.
— IP65 protection rating with IK08 impact resistance level.
— Accessories included for surface or suspended mounting.
— Opal polycarbonate diffuser for efficient homogeneous lighting.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions.

QUICK INFO

GENERAL
Suspended / Surface
IP65
IK08
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

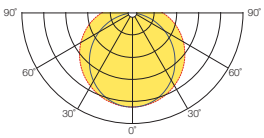
SPECIFICATIONS
Efficacy up to 166 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=50°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

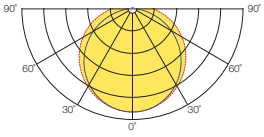
OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

ATE BASIC 90



ATE BASIC 140



ATE BASIC IP65 SURFACE
OPAL DIFFUSER

LED MODULES

Color Temp.	b×c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	90×664	1568	13	33.90.000.08.00	33.90.000.08.13
		2091	18	33.90.000.08.01	33.90.000.08.14
		2631	23	33.90.000.08.02	33.90.000.08.15
	90×1274	3136	27	33.90.000.08.03	33.90.000.08.16
		4181	35	33.90.000.08.04	33.90.000.08.17
		5262	47	33.90.000.08.05	33.90.000.08.18
	90×1574	3911	33	33.90.000.08.06	33.90.000.08.19
		5226	44	33.90.000.08.07	33.90.000.08.20
		6577	58	33.90.000.08.08	33.90.000.08.21
	140×1274	7246	60	33.90.000.08.09	33.90.000.08.22
		8363	71	33.90.000.08.10	33.90.000.08.23
	140×1574	8353	68	33.90.000.08.11	33.90.000.08.24
		10453	89	33.90.000.08.12	33.90.000.08.25
4000 K	90×664	1648	13	33.90.000.08.52	33.90.000.08.65
		2204	18	33.90.000.08.53	33.90.000.08.66
		2773	23	33.90.000.08.54	33.90.000.08.67
	90×1274	3296	27	33.90.000.08.55	33.90.000.08.68
		4407	35	33.90.000.08.56	33.90.000.08.69
		5546	47	33.90.000.08.57	33.90.000.08.70
	90×1574	4115	33	33.90.000.08.58	33.90.000.08.71
		5509	44	33.90.000.08.59	33.90.000.08.72
		6933	58	33.90.000.08.60	33.90.000.08.73
	140×1274	7639	60	33.90.000.08.61	33.90.000.08.74
		8814	71	33.90.000.08.62	33.90.000.08.75
	140×1574	8804	68	33.90.000.08.63	33.90.000.08.76
		11018	89	33.90.000.08.64	33.90.000.08.77

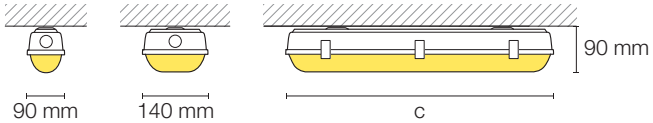
OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.66*
EM 3H 3W	35.00.003.01.67*
DALI	**COD**
EM 1H 5,4W DALI	35.00.005.01.00*
EM 3H 5,4W DALI	35.00.005.01.01*

* Applies to lengths equal to or greater than 1274 mm.



ATE BASIC IP66
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP66 com resistência a impactos IK08.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Patilhas de fecho do difusor em aço inox (IP66).
— Difusor Policarbonato Opal para iluminação homogénea e eficiente.
— Corpo em policarbonato injetado.
— Em versões de formato largo (140 mm) e estreito (90 mm).

EN

— Weatherproof luminaire for damp environments.
— IP66 protection rating with IK08 impact resistance level.
— Accessories included for surface or suspended mounting.
— Stainless steel (IP66) diffuser clips.
— Opal polycarbonate diffuser for efficient homogeneous lighting.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions.

QUICK INFO

GENERAL
Suspended / Surface
IP66
IK08
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

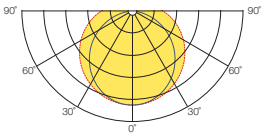
SPECIFICATIONS
Efficacy up to 166 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

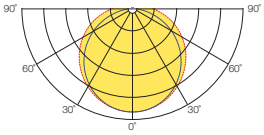
OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

ATE BASIC 90



ATE BASIC 140



ATE BASIC IP66 SURFACE
OPAL DIFFUSER

LED MODULES

Color Temp.	b×c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	90×664	1568	13	33.90.000.08.26	33.90.000.08.39
		2091	18	33.90.000.08.27	33.90.000.08.40
		2631	23	33.90.000.08.28	33.90.000.08.41
	90×1274	3136	27	33.90.000.08.29	33.90.000.08.42
		4181	35	33.90.000.08.30	33.90.000.08.43
		5262	47	33.90.000.08.31	33.90.000.08.44
	90×1574	3911	33	33.90.000.08.32	33.90.000.08.45
		5226	44	33.90.000.08.33	33.90.000.08.46
		6577	58	33.90.000.08.34	33.90.000.08.47
	140×1274	7246	60	33.90.000.08.35	33.90.000.08.48
		8363	71	33.90.000.08.36	33.90.000.08.49
	140×1574	8353	68	33.90.000.08.37	33.90.000.08.50
		10453	89	33.90.000.08.38	33.90.000.08.51
4000 K	90×664	1648	13	33.90.000.08.78	33.90.000.08.91
		2204	18	33.90.000.08.79	33.90.000.08.92
		2773	23	33.90.000.08.80	33.90.000.08.93
	90×1274	3296	27	33.90.000.08.81	33.90.000.08.94
		4407	35	33.90.000.08.82	33.90.000.08.95
		5546	47	33.90.000.08.83	33.90.000.08.96
	90×1574	4115	33	33.90.000.08.84	33.90.000.08.97
		5509	44	33.90.000.08.85	33.90.000.08.98
		6933	58	33.90.000.08.86	33.90.000.08.99
	140×1274	7639	60	33.90.000.08.87	33.90.001.08.00
		8814	71	33.90.000.08.88	33.90.001.08.01
	140×1574	8804	68	33.90.000.08.89	33.90.001.08.02
		11018	89	33.90.000.08.90	33.90.001.08.03

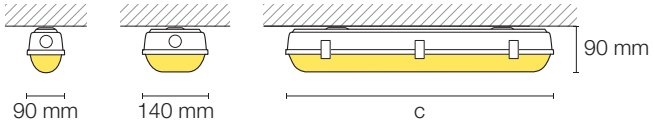
OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.66*
EM 3H 3W	35.00.003.01.67*
DALI	**COD**
EM 1H 5,4W DALI	35.00.005.01.00*
EM 3H 5,4W DALI	35.00.005.01.01*

* Applies to lengths equal to or greater than 1274 mm.



ATE BASIC IP66 IK10
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP66 com resistência a impactos IK10.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Patilhas de fecho do difusor em aço inox (IP66).
— Difusor Policarbonato Opal para iluminação homogénea e eficiente.
— Corpo em policarbonato injetado.
— Em versões de formato largo (140 mm) e estreito (90 mm).

EN

— Weatherproof luminaire for damp environments.
— IP66 protection rating with IK10 impact resistance level.
— Accessories included for surface or suspended mounting.
— Stainless steel (IP66) diffuser clips.
— Opal polycarbonate diffuser for efficient homogeneous lighting.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions.

QUICK INFO

GENERAL
Suspended / Surface
IP66
IK10
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

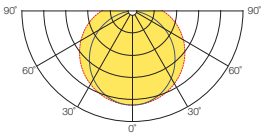
SPECIFICATIONS
Efficacy up to 166 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

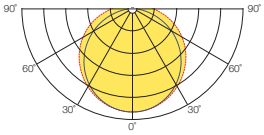
OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

ATE BASIC 90



ATE BASIC 140



ATE BASIC IP66 IK10 SURFACE
OPAL DIFFUSER

LED MODULES

Color Temp.	b×c (mm)	Output (lm)	System (W)	ON/OFF	DALI
3000 K	90×664	1568	13	33.90.001.08.04	33.90.001.08.17
		2091	18	33.90.001.08.05	33.90.001.08.18
		2631	23	33.90.001.08.06	33.90.001.08.19
	90×1274	3136	27	33.90.001.08.07	33.90.001.08.20
		4181	35	33.90.001.08.08	33.90.001.08.21
		5262	47	33.90.001.08.09	33.90.001.08.22
	90×1574	3911	33	33.90.001.08.10	33.90.001.08.23
		5226	44	33.90.001.08.11	33.90.001.08.24
		6577	58	33.90.001.08.12	33.90.001.08.25
	140×1274	7246	60	33.90.001.08.13	33.90.001.08.26
		8363	71	33.90.001.08.14	33.90.001.08.27
	140×1574	8353	68	33.90.001.08.15	33.90.001.08.28
		10453	89	33.90.001.08.16	33.90.001.08.29
4000 K	90×664	1648	13	33.90.001.08.30	33.90.001.08.43
		2204	18	33.90.001.08.31	33.90.001.08.44
		2773	23	33.90.001.08.32	33.90.001.08.45
	90×1274	3296	27	33.90.001.08.33	33.90.001.08.46
		4407	35	33.90.001.08.34	33.90.001.08.47
		5546	47	33.90.001.08.35	33.90.001.08.48
	90×1574	4115	33	33.90.001.08.36	33.90.001.08.49
		5509	44	33.90.001.08.37	33.90.001.08.50
		6933	58	33.90.001.08.38	33.90.001.08.51
	140×1274	7639	60	33.90.001.08.39	33.90.001.08.52
		8814	71	33.90.001.08.40	33.90.001.08.53
	140×1574	8804	68	33.90.001.08.41	33.90.001.08.54
		11018	89	33.90.001.08.42	33.90.001.08.55

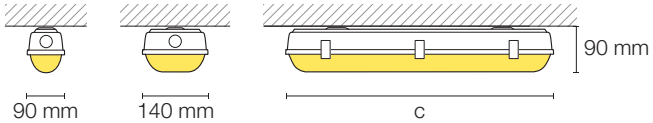
OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.66*
EM 3H 3W	35.00.003.01.67*
DALI	**COD**
EM 1H 5,4W DALI	35.00.005.01.00*
EM 3H 5,4W DALI	35.00.005.01.01*

* Applies to lengths equal to or greater than 1274 mm.



ATE BASIC IP65
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP65 com resistência a impactos IK08.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Difusor Policarbonato Cristal de elevada resistência a impactos.
— Corpo em policarbonato injetado.
— Versões de formato largo (140 mm) e estreito (90 mm) para tubos LED T8 (não incluídos).

EN

— Weatherproof luminaire for damp environments.
— IP65 protection rating with IK08 impact resistance level.
— Accessories included for surface or suspended mounting.
— Impact-resistant clear polycarbonate diffuser.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions for T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended / Surface
IP65
IK08
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

ATE BASIC IP65 SURFACE
CLEAR DIFFUSER

LED TUBES

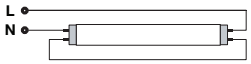
b×c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
90×664	1	1×10 MAX	858 (1)	33.90.000.01.00	33.90.000.01.18
90×1274	1	1×22 MAX	2042 (2)	33.90.000.01.01	33.90.000.01.19
90×1574	1	1×24 MAX	3023 (3)	33.90.000.01.02	33.90.000.01.20
140×664	2	2×10 MAX	1568 (1)	33.90.000.01.03	33.90.000.01.21
140×1274	2	2×22 MAX	3733 (2)	33.90.000.01.04	33.90.000.01.22
140×1574	2	2×24 MAX	5525 (3)	33.90.000.01.05	33.90.000.01.23

LED TUBE (T8 G13) NOT INCLUDED

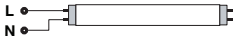
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

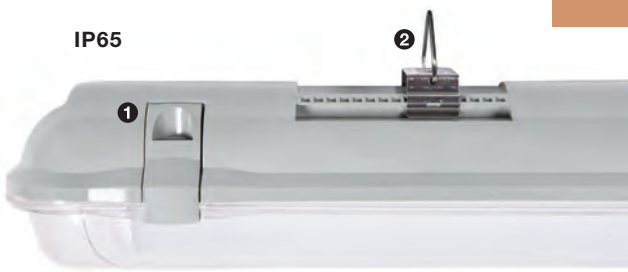


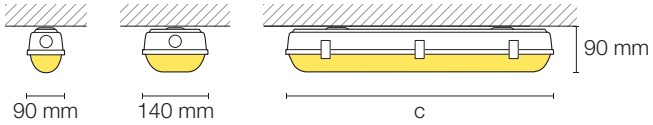
Electrical Scheme C



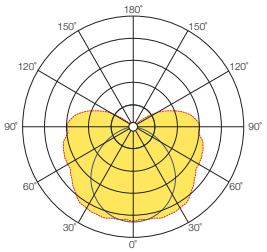
DETAILS

1 – Polycarbonate diffuser clips for IP65 protection.
2 – Accessories included for all mounting options.

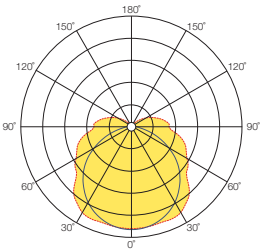




ATE BASIC 1×...W



ATE BASIC 2×...W



ATE BASIC IP66
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP66 com resistência a impactos IK08.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Patilhas de fecho do difusor em aço inox (IP66).
— Difusor Policarbonato Cristal de elevada resistência a impactos.
— Corpo em policarbonato injetado.
— Versões de formato largo (140 mm) e estreito (90 mm) para tubos LED T8 (não incluídos).

EN

— Weatherproof luminaire for damp environments.
— IP66 protection rating with IK08 impact resistance level.
— Accessories included for surface or suspended mounting.
— Stainless steel (IP66) diffuser clips.
— Impact-resistant clear polycarbonate diffuser.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions for T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended / Surface
IP66
IK08
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

ATE BASIC IP66 SURFACE
CLEAR DIFFUSER

LED TUBES

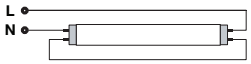
b×c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
90×664	1	1×10 MAX	858 (1)	33.90.000.01.06	33.90.000.01.24
90×1274	1	1×22 MAX	2042 (2)	33.90.000.01.07	33.90.000.01.25
90×1574	1	1×24 MAX	3023 (3)	33.90.000.01.08	33.90.000.01.26
140×664	2	2×10 MAX	1568 (1)	33.90.000.01.09	33.90.000.01.27
140×1274	2	2×22 MAX	3733 (2)	33.90.000.01.10	33.90.000.01.28
140×1574	2	2×24 MAX	5525 (3)	33.90.000.01.11	33.90.000.01.29

LED TUBE (T8 G13) NOT INCLUDED

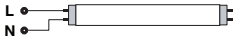
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

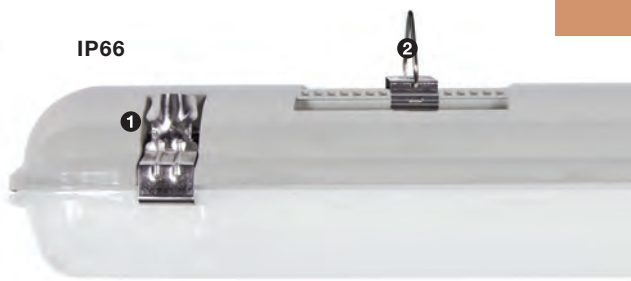


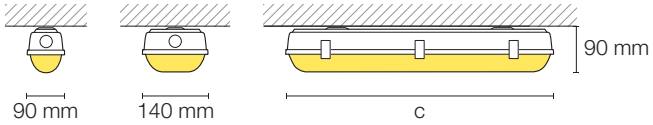
Electrical Scheme C



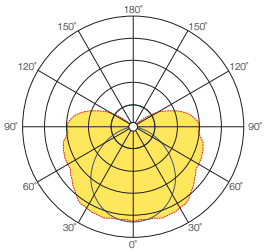
DETAILS

1 – Stainless Steel diffuser clips for IP66 protection.
2 – Accessories included for all mounting options.

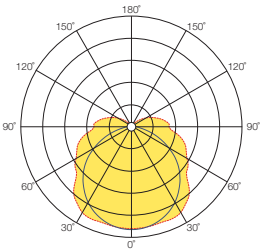




ATE BASIC 1×...W



ATE BASIC 2×...W



ATE BASIC IP66 IK10
SURFACE



PT

— Luminária estanque para locais com condições adversas de humidade.
— Índice de proteção IP66 com resistência a impactos IK10.
— Acessórios incluídos para aplicação saliente ou suspensa.
— Patilhas de fecho do difusor em aço inox (IP66).
— Difusor Policarbonato Cristal de elevada resistência a impactos.
— Corpo em policarbonato injetado.
— Versões de formato largo (140 mm) e estreito (90 mm) para tubos LED T8 (não incluídos).

EN

— Weatherproof luminaire for damp environments.
— IP66 protection rating with IK10 impact resistance level.
— Accessories included for surface or suspended mounting.
— Stainless steel (IP66) diffuser clips.
— Impact-resistant clear polycarbonate diffuser.
— Injection moulded polycarbonate canopy.
— Wide (140 mm) and narrow (90 mm) construction versions for T8 LED tubes (not included).

QUICK INFO

GENERAL
Suspended / Surface
IP66
IK10
850°C
Class I
Ta= –20°C +35°C

OPTIC
Clear Polycarbonate

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

ATE BASIC IP66 IK10 SURFACE
CLEAR DIFFUSER

LED TUBES

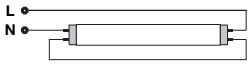
b×c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
90×664	1	1×10 MAX	858 (1)	33.90.000.01.12	33.90.000.01.30
90×1274	1	1×22 MAX	2042 (2)	33.90.000.01.13	33.90.000.01.31
90×1574	1	1×24 MAX	3023 (3)	33.90.000.01.14	33.90.000.01.32
140×664	2	2×10 MAX	1568 (1)	33.90.000.01.15	33.90.000.01.33
140×1274	2	2×22 MAX	3733 (2)	33.90.000.01.16	33.90.000.01.34
140×1574	2	2×24 MAX	5525 (3)	33.90.000.01.17	33.90.000.01.35

LED TUBE (T8 G13) NOT INCLUDED

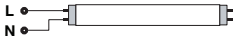
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (3) PHILIPS G13 1500mm 23W 3700lm 840

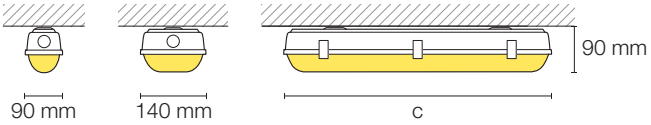
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

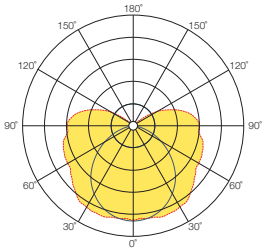


Electrical Scheme C

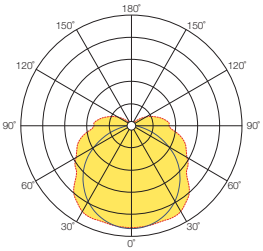




ATE BASIC 1×...W



ATE BASIC 2×...W





PLAFONIERS

ATAC
SURFACE



ESTRELA RO
SURFACE



ESTRELA OV
SURFACE



ATAC
SURFACE



PT

— Luminária de grande funcionalidade para aplicações de iluminação geral em interiores.
— Aplicação saliente no teto ou na parede.
— Difusão de luz em todas as faces do difusor, maximizando a eficiência da luminária.
— Versões PCB LED equipadas com difusor opal para luz difusa.
— Versões para tubos circulares LED (não incluídos) com difusor prismático.
— Sistema de patilhas de fecho rápido do difusor para facilidade de instalação.

EN

— High-functionality luminaire suitable for general interior lighting.
— For direct ceiling or wall mounting.
— Light diffusion on all faces of the diffuser, maximizing luminaire efficiency.
— PCB LED versions equipped with opal diffuser for diffuse lighting.
— Versions for use with circular LED tubes (not included) with prismatic diffuser.
— Quick-release diffuser latches for easy installation.

QUICK INFO

GENERAL
Surface
IP30
IK05
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T9 G10q)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

ATAC SURFACE

OPAL DIFFUSER

LED MODULES

Color Temp.	Ø×a (mm)	Output (lm)	System (W)	ON/OFF
3000 K	ø270×75	945	9	33.50.000.08.22
	ø370×80	3762	32	33.50.000.08.24
4000 K	ø270×75	987	9	33.50.000.08.23
	ø370×80	3802	32	33.50.000.08.25

CLEAR PRISMATIC DIFFUSER

LED TUBES

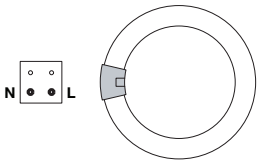
Ø×a(mm)	Tubes	Power (W)	Output (lm)	Scheme E	Scheme F
ø270×75	1	1x14 MAX	1280 (1)	33.50.000.01.05	33.50.000.01.10
ø370×80	1	1x20 MAX	2047 (2)	33.50.000.01.06	33.50.000.01.11

LED TUBE (T9 G10q) NOT INCLUDED

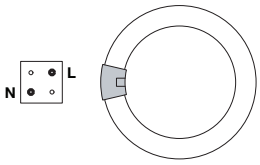
– (1) OSRAM G10q Ø220mm 12W 1200lm 840
– (2) OSRAM G10q Ø320mm 20W 2000lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme F

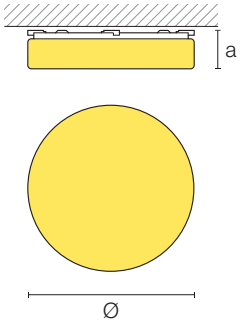


Electrical Scheme E

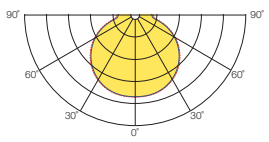




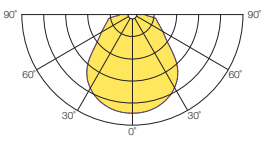
– Clear Prismatic PMMA Diffuser for LED Tubes.



Opal Diffuser



Prismatic Diffuser



ESTRELA RO IP44 SURFACE



PT

— Luminária versátil para aplicação saliente no teto ou na parede, adequada para instalação em interior e exterior.
— Versão de formato circular.
— Índice de proteção IP44 com resistência a impactos IK10.
— Difusor policarbonato cristal de elevada resistência a impactos.
— Corpo em policarbonato injetado.
— Para funcionamento com lâmpadas suporte E27 (não incluídas).

EN

— Range of versatile ceiling or wall surface mounted luminaires suitable for interior and exterior use.
— Circular design version.
— IP44 protection rating with IK10 impact resistance level.
— Impact-resistant clear polycarbonate diffuser.
— Injection moulded polycarbonate canopy.
— For use with E27 holder lamps (not included).

QUICK INFO

GENERAL
Surface / Wall
IP44
IK10
850°C
Class II
Ta= −20°C +35°C

OPTIC
Frosted Polycarbonate

LIGHT SOURCE
LED Lamp (E27)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
Polycarbonate White

ESTRELA RO SURFACE

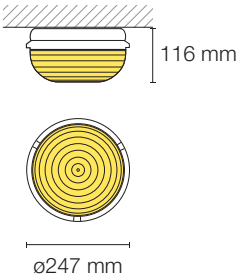
FROSTED DIFFUSER

Lamp	**Power** (W)	**Output** (lm)	**ON/OFF**
1×E27	1×100 MAX	418 [1]	32.03.100.01.00

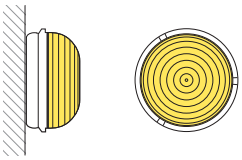
LED LAMP (E27) NOT INCLUDED

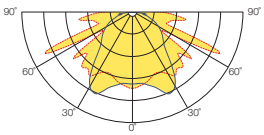
– [1] PHILIPS E27 6W 470lm 840

CEILING



WALL





ESTRELA OV IP44
SURFACE



PT

— Luminária versátil para aplicação saliente no teto ou na parede, adequada para instalação em interior e exterior.
— Versão de formato oval.
— Índice de proteção IP44 com resistência a impactos IK10.
— Difusor policarbonato cristal de elevada resistência a impactos.
— Corpo em policarbonato injetado.
— Para funcionamento com lâmpadas suporte E27 (não incluídas).

EN

— Range of versatile ceiling or wall surface mounted luminaires suitable for interior and exterior use.
— Oval design version.
— IP44 protection rating with IK10 impact resistance level.
— Impact-resistant clear polycarbonate diffuser.
— Injection moulded polycarbonate canopy.
— For use with E27 holder lamps (not included).

QUICK INFO

GENERAL
Wall
IP44
IK10
850°C
Class II
Ta= −20°C +35°C

OPTIC
Frosted Polycarbonate

LIGHT SOURCE
LED Lamp (E27)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

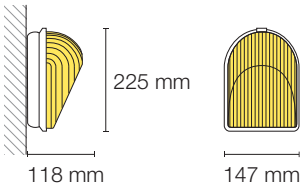
FINISHING
Polycarbonate White

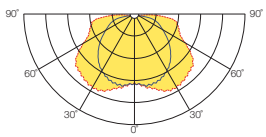
ESTRELA OV SURFACE
FROSTED DIFFUSER

Lamp	**Power** (W)	**Output** (lm)	**ON/OFF**
1×E27	1×100 MAX	309 [1]	32.03.075.01.00

LED LAMP (E27) NOT INCLUDED

– [1] PHILIPS E27 6W 470lm 840









BATTEN AND INDUSTRIAL

SLIM
SURFACE



AIN
SURFACE



AIN REFLECTOR
SURFACE



AIN IP40
SURFACE



AIN IP40 REFLECTOR
SURFACE



SLIM T8
SURFACE



PT

— Régua de dimensões reduzidas para iluminação geral em interiores.
— Adequado para aplicação saliente no teto ou na parede.
— Luminária de pequena secção ideal para iluminação em sancas e superfícies de trabalho em cozinhas, oficinas e garagens.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Disponível em versões para um ou dois tubos LED T8 (não incluídos).

EN

— Range of slim battens for general interior lighting.
— Suitable for ceiling or wall surface mounting.
— Slender luminaire ideal for cove lighting and for illuminating work surfaces in kitchens, workshops and garages.
— Body made of steel sheet with epoxy-polyester powder coating.
— Available in versions for one or two T8 LED tubes (not included).

QUICK INFO

GENERAL
Surface
IP20
IK05
850°C
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

SLIM SURFACE

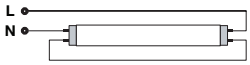
LED TUBES

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
625	1	1×10 MAX	1025 (1)	33.87.000.01.00	33.87.000.01.08
1235	1	1×22 MAX	2442 (2)	33.87.000.01.01	33.87.000.01.09
625	2	2×10 MAX	2065 (1)	33.87.000.01.02	33.87.000.01.10
1235	2	2×22 MAX	4916 (2)	33.87.000.01.03	33.87.000.01.11

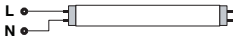
LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
More information about the LED Tube or available electrical schemes on page <?>.

Electrical Scheme A

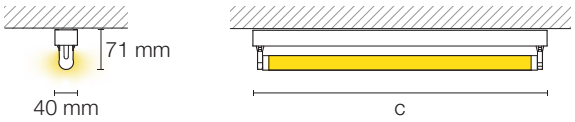


Electrical Scheme C

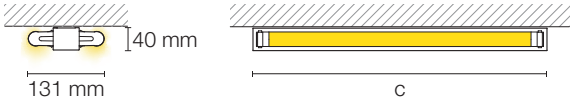




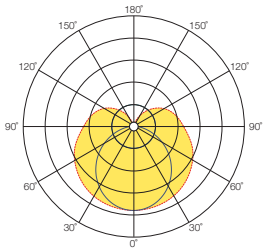
1×...W



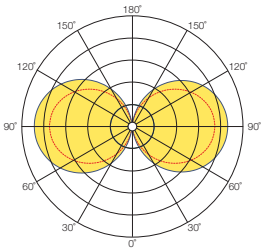
2×...W



SLIM 1×...W



SLIM 2×...W



SLIM T5
SURFACE



PT

— Régua de dimensões reduzidas para iluminação geral em interiores.
— Adequado para aplicação saliente no teto ou na parede.
— Luminária de pequena secção ideal para iluminação em sancas e superfícies de trabalho em cozinhas, oficinas e garagens.
— Corpo em chapa de aço com revestimento a epoxy-poliester e topos em ABS.
— Disponível em versões para uma ou duas lâmpadas T5 fluorescente (não incluídas).

EN

— Range of slim battens for general interior lighting.
— Suitable for ceiling or wall surface mounting.
— Slender luminaire ideal for cove lighting and for illuminating work surfaces in kitchens, workshops and garages.
— Body made of steel sheet with epoxy-polyester powder coating and ABS end-caps.
— Available in versions for one or two T5 fluorescent lamps (not included).

QUICK INFO

GENERAL
Surface
IP20
IK05
850°C
Ta= –20°C +35°C

LIGHT SOURCE
Fluorescent Lamps (T5 G5)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

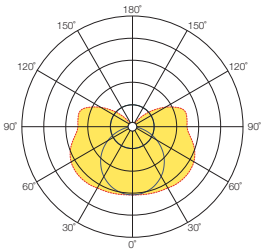
FINISHING
RAL 9016 White

SLIM SURFACE

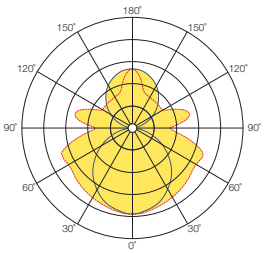
T5 FLUORESCENT

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**ON/OFF**	**DALI**
576	1	1×14	1097 (1)	33.87.114.04.16	33.87.114.05.07
	1	1×24	1599 (2)	33.87.124.04.00	
1176	1	1×28	2376 (3)	33.87.128.04.01	33.87.128.05.02
	1	1×54	3016 (4)	33.87.154.04.00	
1476	1	1×35	3929 (5)	33.87.135.04.02	33.87.135.05.02
	1	1×49	4066 (6)	33.87.149.04.00	
	1	1×80	5620 (7)	33.87.180.04.00	
579	2	2×14	2273 (1)	33.87.214.04.07	33.87.214.05.04
	2	2×24	3315 (2)	33.87.224.04.05	
1179	2	2×28	4924 (3)	33.87.228.04.04	33.87.228.05.00
	2	2×54	6288 (4)	33.87.254.04.04	
1479	2	2×35	8163 (5)	33.87.235.04.06	33.87.235.05.00
	2	2×49	8428 (6)	33.87.249.04.05	
	2	2×80	11648 (7)	33.87.280.04.10	

SLIM 1×...W



SLIM 2×...W



FLUORESCENT LAMP (T5 G5) NOT INCLUDED

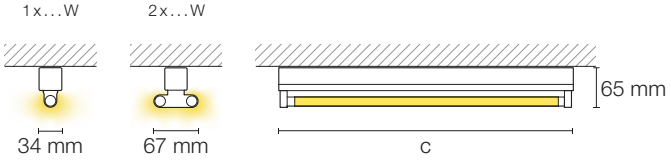
– (1) PHILIPS G5 549mm 14W 1200lm
– (2) PHILIPS G5 549mm 24W 1750lm
– (3) PHILIPS G5 1149mm 28W 2600lm
– (4) PHILIPS G5 1149mm 54W 4450lm
– (5) PHILIPS G5 1449mm 35W 3300lm
– (6) PHILIPS G5 1449mm 49W 4300lm
– (7) PHILIPS G5 1449mm 80W 6150lm

OPTIONS



EMERGENCY (EM)

ON/OFF	**COD**
EM 1H T5 - 35W	35.00.004.01.07
EM 1H T5 - 28W / 49W	35.00.004.01.10
EM 1H T5 - 54W / 80W	35.00.004.01.08



AIN
SURFACE



PT

— Luminária com IP20 para iluminação geral em interiores.
— Adequado para aplicação saliente no teto ou na parede.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em versões para um ou dois tubos LED e lâmpada fluorescente T8 (não incluídos).

EN

— IP20 Luminaire for general interior lighting.
— Suitable for ceiling or wall surface mounting.
— Body made of steel sheet with epoxy-polyester powder coating.
— Quick-release reflector system enables an easy and quick installation.
— Available in versions for one or two T8 LED tubes and Fluorescent lamps (not included).

QUICK INFO

GENERAL
Surface
IP20
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)
Fluorescent Lamps (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

AIN SURFACE

LED TUBES

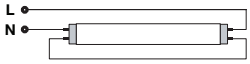
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
625	1	1×10 MAX	1025 (1)	33.70.000.01.34	33.70.000.01.52
1233	1	1×22 MAX	2442 (2)	33.70.000.01.35	33.70.000.01.53
1533	1	1×24 MAX	3614 (3)	33.70.000.01.36	33.70.000.01.54
625	2	2×10 MAX	2065 (1)	33.70.000.01.37	33.70.000.01.55
1233	2	2×22 MAX	4916 (2)	33.70.000.01.38	33.70.000.01.56
1533	2	2×24 MAX	7276 (3)	33.70.000.01.39	33.70.000.01.57

LED TUBE (T8 G13) NOT INCLUDED

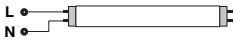
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (2) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



Electrical Scheme C



T8 FLUORESCENT

c (mm)	Tubes	Power (W)	Output (lm)	ON/OFF
625	1	1×18	1288 (1)	33.70.118.04.06
1233	1	1×36	2958 (2)	33.70.136.04.17
1533	1	1×58	4962 (3)	33.70.158.04.15
625	2	2×18	2627 (1)	33.70.218.04.04
1233	2	2×36	6034 (2)	33.70.236.04.11
1533	2	2×58	10121 (3)	33.70.258.04.13

FLUORESCENT LAMP (T8 G13) NOT INCLUDED

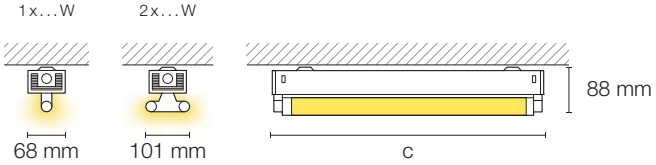
– (1) OSRAM G13 600mm 18W 1350lm
– (2) OSRAM G13 1200mm 36W 3100lm
– (2) OSRAM G13 1500mm 58W 5200lm

OPTIONS

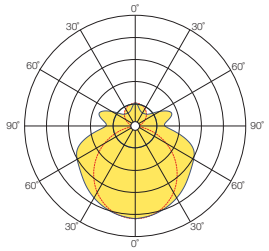


EMERGENCY (EM)

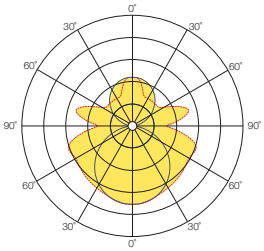
ON/OFF	REST MODE	COD
EM 1H T8 - 18W / 36W / 58W	9 VDC	35.00.001.01.12



LED Tubes 2×...W



Fluorescent Lamps 2×...W



AIN REFLECTOR SURFACE



PT

— Luminária com IP20 para iluminação geral em interiores.
— Refletor simétrico disponível em alumínio branco ou brilhante.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em versões para um ou dois tubos LED e lâmpadas fluorescentes T8 (não incluídos).

EN

— IP20 luminaire for general interior lighting.
— Symmetrical reflector available in white or mirrorbrite aluminium.
— Body made of steel sheet with epoxy-polyester powder coating.
— Quick-release reflector system enables an easy and quick installation.
— Available in versions for one or two T8 LED tubes and fluorescent lamps (not included).

QUICK INFO

GENERAL
Surface
IP20
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

DETAILS



WHITE REFLECTOR



ALUMINIUM REFLECTOR

AIN REFLECTOR SURFACE

LED TUBES

WHITE REFLECTOR

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
1233	1	1×22 MAX	2475 (2)	33.70.000.01.17	33.70.000.01.40
1533	1	1×24 MAX	3663 (3)	33.70.000.01.18	33.70.000.01.41
1233	2	2×22 MAX	4289 (2)	33.70.000.01.20	33.70.000.01.42
1533	2	2×24 MAX	6348 (3)	33.70.000.01.21	33.70.000.01.43

ALUMINIUM REFLECTOR

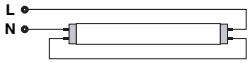
c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**Scheme A**	**Scheme C**
1233	1	1×22 MAX	2272 (2)	33.70.000.01.23	33.70.000.01.44
1533	1	1×24 MAX	3363 (3)	33.70.000.01.24	33.70.000.01.45
1233	2	2×22 MAX	4375 (2)	33.70.000.01.26	33.70.000.01.46
1533	2	2×24 MAX	6476 (3)	33.70.000.01.27	33.70.000.01.47

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (2) PHILIPS G13 1500mm 23W 3700lm 840

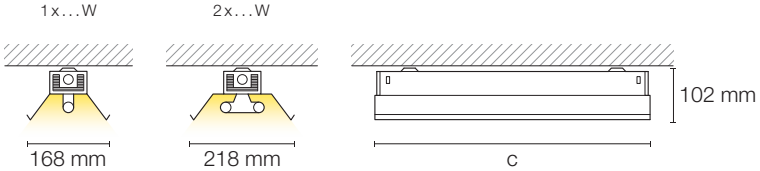
More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A

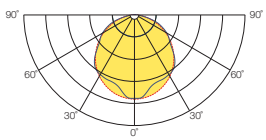


Electrical Scheme C





Reflector 2×...W



QUICK INFO

GENERAL
Surface
IP20
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
Fluorescent Lamps (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

DETAILS



WHITE REFLECTOR



ALUMINIUM REFLECTOR

AIN REFLECTOR SURFACE

T8 FLUORESCENT

WHITE REFLECTOR

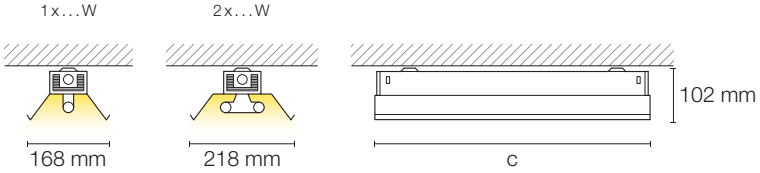
c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**ON/OFF**
1233	1	1×36	2742 [2]	33.70.136.04.02
1533	1	1×58	4599 [3]	33.70.158.04.12
1233	2	2×36	5366 [2]	33.70.236.04.06
1533	2	2×58	9000 [3]	33.70.258.04.04

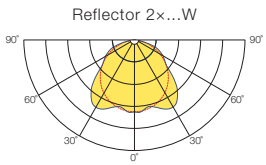
ALUMINIUM REFLECTOR

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**ON/OFF**
1233	1	1×36	2650 [2]	33.70.136.04.04
1533	1	1×58	4446 [3]	33.70.158.04.05
1233	2	2×36	5208 [2]	33.70.236.04.05
1533	2	2×58	8735 [3]	33.70.258.04.09

FLUORESCENT LAMP (T8 G13) NOT INCLUDED

– [1] OSRAM G13 600mm 18W 1350lm
– [2] OSRAM G13 1200mm 36W 3100lm
– [2] OSRAM G13 1500mm 58W 5200lm





AIN REFLECTOR
SURFACE

OPTIONS



EMERGENCY (EM)

ON/OFF	REST MODE	COD
EM 1H T8 - 18W / 36W / 58W	9 VDC	35.00.001.01.12



AIN IP40
SURFACE



PT

— Luminária com IP40 para iluminação geral em interiores.
— Adequado para aplicação saliente no teto ou na parede.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em versões para um ou dois tubos LED e lâmpada fluorescente T8 (não incluídos).

EN

— IP40 Luminaire with symmetrical reflector for general interior lighting.
— Suitable for ceiling or wall surface mounting.
— Body made of steel sheet with epoxy-polyester powder coating.
— Quick-release reflector system enables an easy and quick installation.
— Available in versions for one or two T8 LED tubes and Fluorescent lamps (not included).

QUICK INFO

GENERAL
Surface
IP40
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)
Fluorescent Lamps (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

AIN IP40 SURFACE

LED TUBES

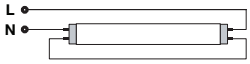
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
625	1	1×10 MAX	1025 (1)	33.71.000.01.18	33.71.000.01.36
1233	1	1×22 MAX	2442 (2)	33.71.000.01.19	33.71.000.01.37
1533	1	1×24 MAX	3614 (3)	33.71.000.01.20	33.71.000.01.38
625	2	2×10 MAX	2065 (1)	33.71.000.01.21	33.71.000.01.39
1233	2	2×22 MAX	4916 (2)	33.71.000.01.22	33.71.000.01.40
1533	2	2×24 MAX	7276 (3)	33.71.000.01.23	33.71.000.01.41

LED TUBE (T8 G13) NOT INCLUDED

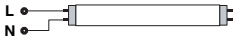
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (2) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



Electrical Scheme C



T8 FLUORESCENT

c (mm)	Tubes	Power (W)	Output (lm)	ON/OFF
625	1	1×18	1288 (1)	33.71.118.04.05
1233	1	1×36	2958 (2)	33.71.136.04.04
1533	1	1×58	4962 (3)	33.71.158.04.08
625	2	2×18	2627 (1)	33.71.218.04.03
1233	2	2×36	6034 (2)	33.71.236.04.07
1533	2	2×58	10121 (3)	33.71.258.04.13

FLUORESCENT LAMP (T8 G13) NOT INCLUDED

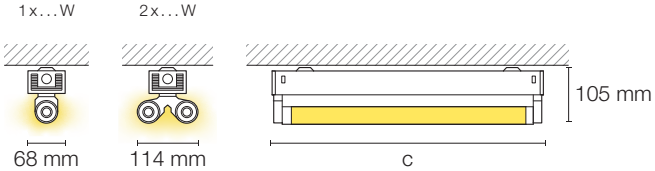
– (1) OSRAM G13 600mm 18W 1350lm
– (2) OSRAM G13 1200mm 36W 3100lm
– (2) OSRAM G13 1500mm 58W 5200lm

OPTIONS

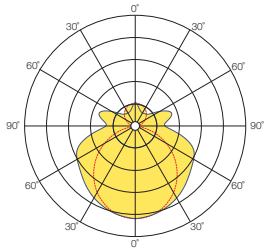


EMERGENCY (EM)

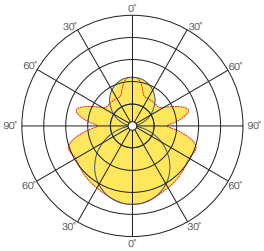
ON/OFF	REST MODE	COD
EM 1H T8 - 18W / 36W / 58W	9 VDC	35.00.001.01.12



LED Tubes 2×...W



Fluorescent Lamps 2×...W



AIN IP40 REFLECTOR SURFACE



PT

— Luminária com IP40 para iluminação geral em interiores.
— Refletor simétrico disponível em alumínio branco ou brilhante.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Equipada com sistema de fecho que permite facilidade e rapidez de instalação.
— Disponível em versões para um ou dois tubos LED e lâmpadas fluorescentes T8 (não incluídos).

EN

— IP40 luminaire for general interior lighting.
— Symmetrical reflector available in white or mirrorbrite aluminium.
— Body made of steel sheet with epoxy-polyester powder coating.
— Quick-release reflector system enables an easy and quick installation.
— Available in versions for one or two T8 LED tubes and fluorescent lamps (not included).

QUICK INFO

GENERAL
Surface
IP40
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
LED Tubes (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

DETAILS



WHITE REFLECTOR



ALUMINIUM REFLECTOR

AIN IP40 REFLECTOR SURFACE

LED TUBES

WHITE REFLECTOR

c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1233	1	1×22 MAX	2475 (2)	33.71.000.01.01	33.71.000.01.24
1533	1	1×24 MAX	3663 (3)	33.71.000.01.02	33.71.000.01.25
1233	2	2×22 MAX	4289 (2)	33.71.000.01.04	33.71.000.01.26
1533	2	2×24 MAX	6348 (3)	33.71.000.01.05	33.71.000.01.27

ALUMINIUM REFLECTOR

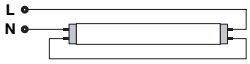
c (mm)	Tubes	Power (W)	Output (lm)	Scheme A	Scheme C
1233	1	1×22 MAX	2272 (2)	33.71.000.01.07	33.71.000.01.28
1533	1	1×24 MAX	3363 (3)	33.71.000.01.08	33.71.000.01.29
1233	2	2×22 MAX	4375 (2)	33.71.000.01.10	33.71.000.01.30
1533	2	2×24 MAX	6476 (3)	33.71.000.01.11	33.71.000.01.31

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840
– (2) PHILIPS G13 1500mm 23W 3700lm 840

More information about the LED Tube or available electrical schemes on page 152.

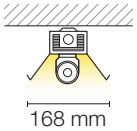
Electrical Scheme A



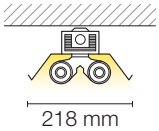
Electrical Scheme C

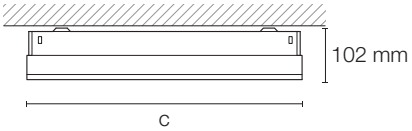


1x...W

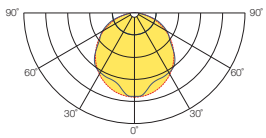


2x...W





Reflector 2×...W



QUICK INFO

GENERAL
Surface
IP40
650°C
Class I
Ta= –20°C +35°C

LIGHT SOURCE
Fluorescent Lamps (T8 G13)

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

DETAILS



WHITE REFLECTOR



ALUMINIUM REFLECTOR

AIN IP40 REFLECTOR SURFACE

T8 FLUORESCENT

WHITE REFLECTOR

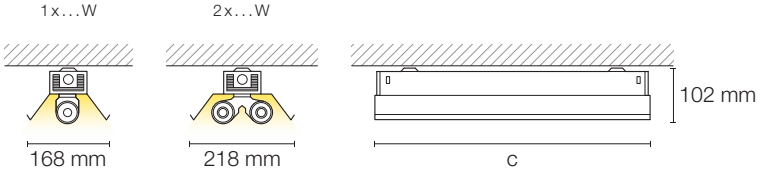
c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**ON/OFF**
1233	1	1×36	2742 [2]	33.71.136.04.00
1533	1	1×58	4599 [3]	33.71.158.04.04
1233	2	2×36	5366 [2]	33.71.236.04.02
1533	2	2×58	9000 [3]	33.71.258.04.02

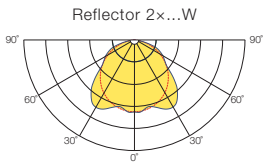
ALUMINIUM REFLECTOR

c (mm)	**Tubes**	**Power** (W)	**Output** (lm)	**ON/OFF**
1233	1	1×36	2650 [2]	33.71.136.04.01
1533	1	1×58	4446 [3]	33.71.158.04.02
1233	2	2×36	5208 [2]	33.71.236.04.05
1533	2	2×58	8735 [3]	33.71.258.04.07

FLUORESCENT LAMP (T8 G13) NOT INCLUDED

– [1] OSRAM G13 600mm 18W 1350lm
– [2] OSRAM G13 1200mm 36W 3100lm
– [2] OSRAM G13 1500mm 58W 5200lm





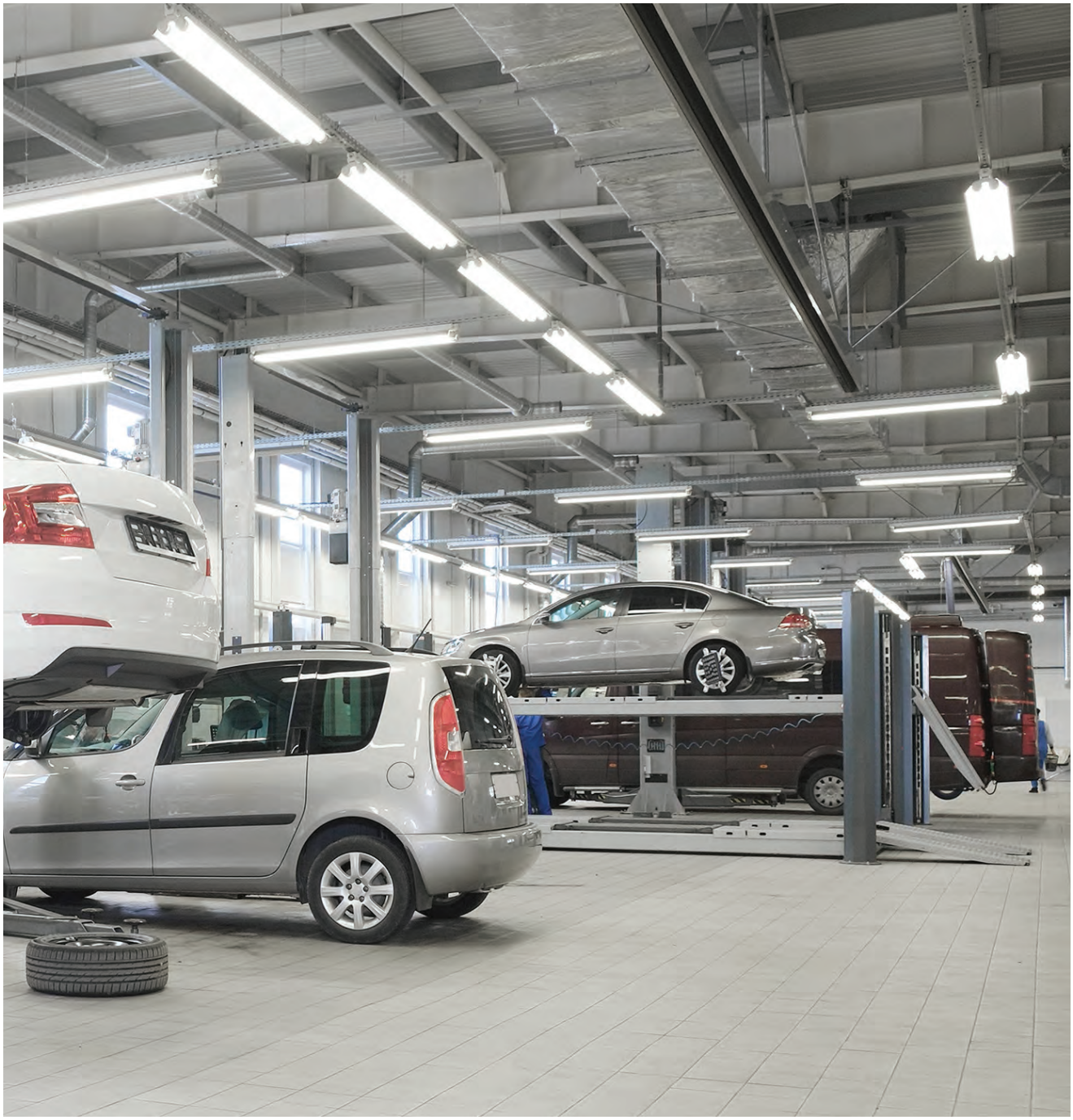
AIN IP40 REFLECTOR
SURFACE

OPTIONS



EMERGENCY (EM)

ON/OFF	REST MODE	COD
EM 1H T8 - 18W / 36W / 58W	9 VDC	35.00.001.01.12

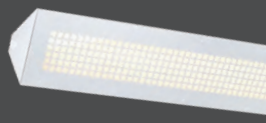




OTHER APPLICATIONS

VANDALPROOF

AAV
CORNER SURFACE



HOSPITAL

ASH
WALL



SCHOOL

BLACKBOARD
SUSPENDED / WALL



AAV
CORNER SURFACE



PT

— Luminária de canto para iluminação em acessos pedonais subterrâneos, escadas, corredores de acesso, parques de estacionamento, entre outros.
— Índice de proteção IP44 com resistência a impactos IK10.
— Difusor em Policarbonato Opal protegido por grelha de proteção em chapa de aço.
— Corpo em chapa de aço de formato triangular com ângulo de 45°.
— Disponível em vários comprimentos e potências de LED para se adequar às mais diversas aplicações.

EN

— Robust corner mounted luminaire ideal for lighting footpaths, stairs, car parks, porches and entrances, under canopies and arches.
— IP44 protection rating with IK10 impact resistance level.
— Opal Polycarbonate diffuser protected by a sheet steel protection grid.
— Triangular-shaped sheet steel body with 45° angle.
— Available in several lengths and LED powers to suit most applications.

QUICK INFO

GENERAL
Corner Surface
IP44
IK10
850°C
Class I
Ta= –20°C +35°C

OPTIC
Opal Polycarbonate

LIGHT SOURCE
LED Modules

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

FINISHING
RAL 9016 White

AAV CORNER SURFACE

OPAL DIFFUSER

Color Temp.	**c** (mm)	**Output** (lm)	**System** (W)	ON/OFF	DALI
3000 K	570	959	13	33.74.000.08.00	33.74.000.08.03
	1170	1917	25	33.74.000.08.01	33.74.000.08.04
	1470	2397	32	33.74.000.08.02	33.74.000.08.05
4000 K	570	1009	13	33.74.000.08.06	33.74.000.08.09
	1170	2018	25	33.74.000.08.07	33.74.000.08.10
	1470	2522	32	33.74.000.08.08	33.74.000.08.11

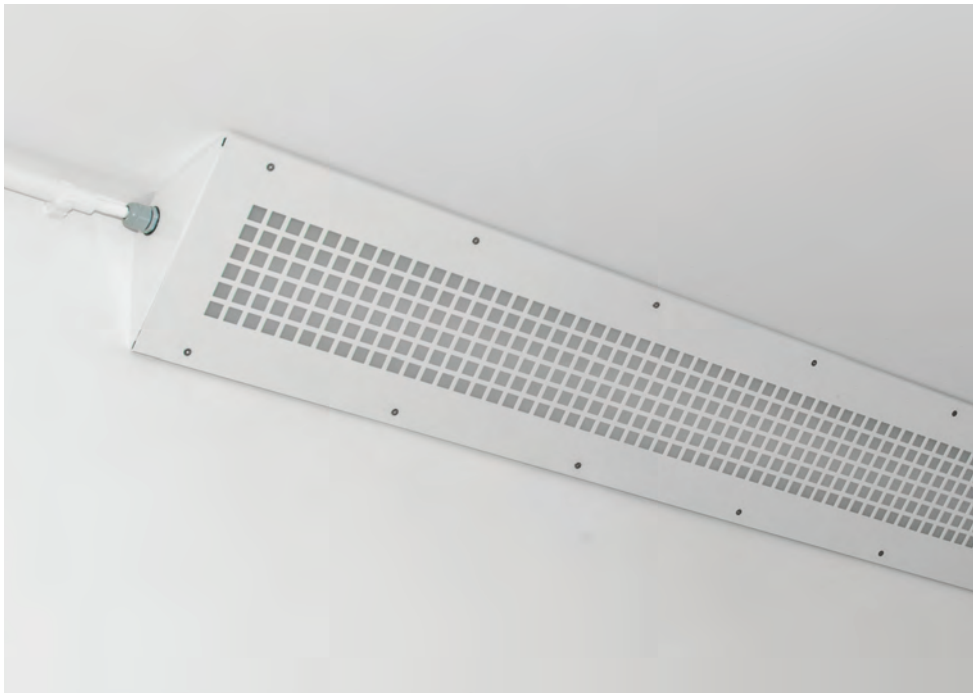
OPTIONS

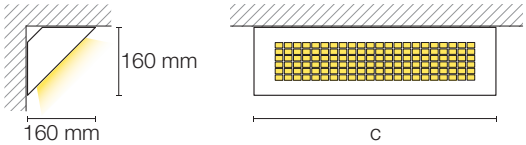


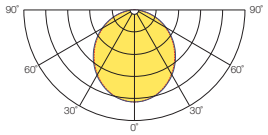
EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.23
EM 3H 3W	35.00.003.01.24

DALI	COD
EM 1H 5,4W DALI	35.00.004.01.54
EM 3H 5,4W DALI	35.00.004.01.55







ASH
WALL



PT

— Luminária para cabeceiras de cama em Centros de Saúde e Centros de Dia.
— Disponível em várias combinações de iluminação ambiente, luz de leitura e acessórios elétricos.
— A luminária standard inclui tomada Schuko, tomada de dados RJ-45 e comutador de cordão para controlo da iluminação.
— Possibilidade de incorporar outras tomadas de acordo com as necessidades.
— Superfícies lisas para maior facilidade de limpeza e desinfeção.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Em versões PCB LED e versões para tubos LED T8 (não incluídos).

EN

— Bed-head unit for Health Care Centres and Residential Homes.
— Available in several versions combining ambient lighting, reading light and electrical accessories.
— The standard luminaire includes Schuko socket, RJ-45 data socket and pull cord switch for lighting control.
— The luminaire can be customized with other sockets according to the customer requirements.
— Flat and smooth surfaces for ease of cleaning and disinfection.
— Body made of steel sheet with epoxy-polyester powder coating.
— Available in PCB LED versions and for use with T8 LED tubes (not included).

QUICK INFO

GENERAL
Wall
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

ASH WALL

TYPE I - LIGHTING AND COMMAND DEVICES

OPAL DIFFUSER

LED MODULES

Color Temp.	c (mm)	Output (lm)	Indirect (W)	Direct (W)	FIG	COD
3000 K	1262	817	13	13	1	33.12.002.08.54
		1332	26	13	2	33.12.002.08.56
4000 K	1262	860	13	13	1	33.12.002.08.59
		1402	26	13	2	33.12.002.08.61

CLEAR PRISMATIC DIFFUSER

LED TUBES

c (mm)	Tubes	Indirect (W)	Direct (W)	Output (lm)	FIG	Scheme A	Scheme C
1262	2	1×10 MAX	1×10 MAX	405 (1)	1	33.12.000.01.02	33.12.000.01.07
	2	1×22 MAX	1×10 MAX	635 (1) (2)	2	33.12.000.01.04	33.12.000.01.09

FIG 1

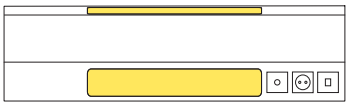
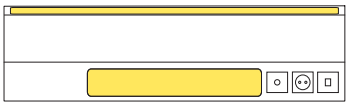


FIG 2

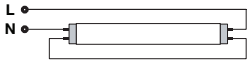


LED TUBE (T8 G13) NOT INCLUDED

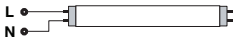
– (1) PHILIPS G13 600mm 8W 1050lm 840
– (2) PHILIPS G13 1200mm 15,5W 2500lm 840

More information about the LED Tube or available electrical schemes on page 152.

Electrical Scheme A



Electrical Scheme C



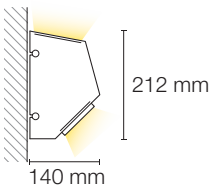


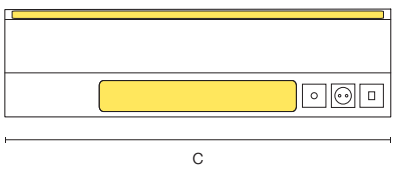
STANDARD COMMAND DEVICES

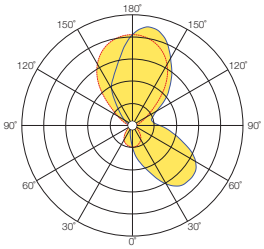
1 – PULL CORD SWITCH

2 – SCHUKO SOCKET OUTLET

3 – RJ-45 DATA SOCKET







QUICK INFO

GENERAL
Wall
IP30
IK05
650°C
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules
Clear Prismatic PMMA - LED Tubes

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=65°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9016 White

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

ASH WALL

TYPE II - DIRECT LIGHT AND AMBIENT UP LIGHT

OPAL DIFFUSER

LED MODULES

Color Temp.	**c** (mm)	**Output** (lm)	**Indirect** (W)	**Direct** (W)	**FIG**	**COD**
3000 K	651	817	13	13	1	33.12.002.08.53
	1262	1332	26	13	2	33.12.002.08.55
		1635	26	26	3	33.12.002.08.57
4000 K	651	860	13	13	1	33.12.002.08.58
	1262	1402	26	13	2	33.12.002.08.60
		1720	26	26	3	33.12.002.08.62

CLEAR PRISMATIC DIFFUSER

LED TUBES

c (mm)	**Tubes**	**Indirect** (W)	**Direct** (W)	**Output** (lm)	**FIG**	**Scheme A**	**Scheme C**
651	2	1×10 MAX	1×10 MAX	405 [1]	1	33.12.000.01.01	33.12.000.01.06
1262	2	1×22 MAX	1×10 MAX	635 [1] [2]	2	33.12.000.01.03	33.12.000.01.08
	2	1×22 MAX	1×22 MAX	965 [2]	3	33.12.000.01.05	33.12.000.01.10

– The TYPE II models don't include switches for lighting control system. Light must be managed by external switches.

FIG 1

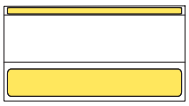


FIG 2

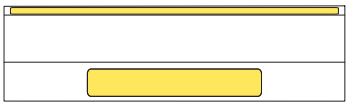
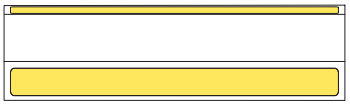


FIG 3

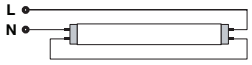


LED TUBE (T8 G13) NOT INCLUDED

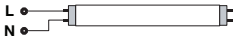
– [1] PHILIPS G13 600mm 8W 1050lm 840
– [2] PHILIPS G13 1200mm 15,5W 2500lm 840

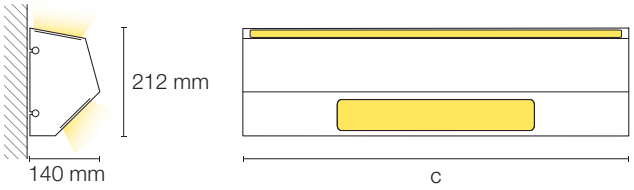
More information about the LED Tube or available electrical schemes on page 152.

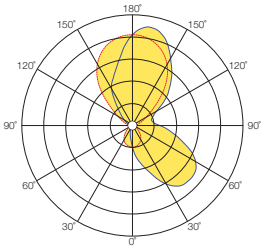
Electrical Scheme A



Electrical Scheme C







ASH
WALL

OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.23
EM 3H 3W	35.00.003.01.24

DALI	COD
EM 1H 5,4W DALI	35.00.004.01.54
EM 3H 5,4W DALI	35.00.004.01.55

— Emergency only applied to LED Modules versions.



BLACKBOARD
SUSPENDED / WALL



PT

— Luminária com distribuição de luz assimétrica para iluminação de quadros escolares.
— Desenvolvida para iluminação de superfícies verticais, proporcionando máxima uniformidade e elevado conforto visual.
— Conjunto de acessórios de fixação no teto ou parede, permitindo a posição ideal para uma distribuição uniforme de luz sobre o quadro a iluminar.
— Corpo em chapa de aço com revestimento a epoxy-poliester.
— Em versões PCB LED e versões para tubos LED T8 (não incluídos).

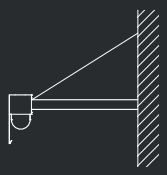
SUSPENDED MOUNTING



EN

— Luminaire with asymmetric light distribution for classroom blackboard lighting.
— Developed for lighting vertical surfaces, providing maximum uniformity and greater visual comfort.
— Ceiling or wall mounting set available in several lengths to enable the optimal position for an even distribution of light over the presentation area.
— Body made of steel sheet with epoxy-polyester powder coating.
— Available in PCB LED versions and for use with T8 LED tubes (not included).

WALL MOUNTING



QUICK INFO

GENERAL
Suspended / Wall
IP20
IK05
650°C - LED Modules
860°C - LED Tubes
Class I
Ta= –20°C +35°C

OPTIC
Opal PMMA - LED Modules

LIGHT SOURCE
LED Modules
LED Tubes (T8 G13)

SPECIFICATIONS
Efficacy up to 176 lm/W
3000 K, 4000 K
CRI >80
Lifetime 72 000 H
L80/B10 @Tc=55°C

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF

FINISHING
RAL 9003 Matt White
RAL 9005 Matt Black

OPTIONS

EMERGENCY
1 Hour, 3 Hours
DALI 1 Hour, 3 Hours

BLACKBOARD SUSPENDED / WALL

OPAL DIFFUSER

LED MODULES

Color Temp.	c (mm)	Output (lm)	System (W)	WHITE	BLACK
3000 K	1200	3057	25	33.70.000.08.01	33.70.000.08.03
	1500	3821	32	33.70.000.08.02	33.70.000.08.04
4000 K	1200	3217	25	33.70.000.08.05	33.70.000.08.07
	1500	4022	32	33.70.000.08.06	33.70.000.08.08

LED TUBES

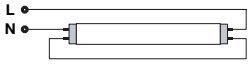
c (mm)	Tubes	Power (W)	Output (lm)	Scheme	WHITE	BLACK
1200	1	1×22 MAX	1101 (1)	A	33.70.000.01.12	33.70.000.01.14
				C	33.70.000.01.58	33.70.000.01.60
1500	1	1×24 MAX	1629 (2)	A	33.70.000.01.13	33.70.000.01.15
				C	33.70.000.01.59	33.70.000.01.61

LED TUBE (T8 G13) NOT INCLUDED

– (1) PHILIPS G13 1200mm 15,5W 2500lm 840
– (2) PHILIPS G13 1500mm 23W 3700lm 840

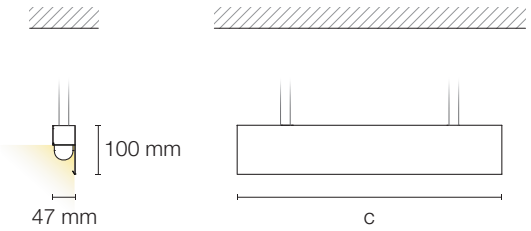
More information about the LED Tube or available electrical schemes on page 152.

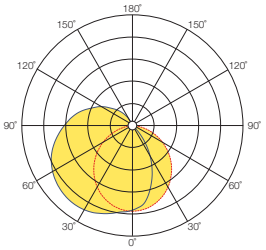
Electrical Scheme A



Electrical Scheme C







BLACKBOARD
SUSPENDED / WALL

COMPONENTS



SURFACE CEILING CUP (1pc)

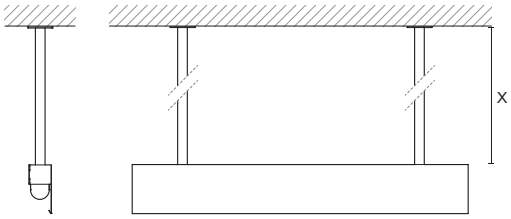
TYPE	COD
Matt White Ø62x36 mm	35.70.000.01.19



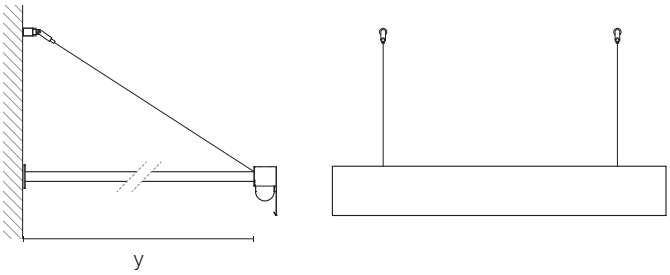
RECESSED CEILING CUP (1pc)

TYPE	COD
Matt White Ø80 mm	35.70.000.01.20

SUSPENDED MOUNTING



WALL MOUNTING





A SUSPENSION MOUNTING SYSTEM (2pcs)

TYPE	x (mm)	WHITE	BLACK
Suspension Mounting	500	35.70.000.01.07	35.70.000.01.09
Suspension Mounting	1000	35.70.000.01.08	35.70.000.01.10



B WALL MOUNTING SYSTEM (2pcs)

TYPE	y (mm)	WHITE	BLACK
Wall Mounting + Stainless Steel Cable	400	35.70.000.01.11	35.70.000.01.15
Wall Mounting + Stainless Steel Cable	500	35.70.000.01.12	35.70.000.01.16
Wall Mounting + Stainless Steel Cable	600	35.70.000.01.13	35.70.000.01.17
Wall Mounting + Stainless Steel Cable	700	35.70.000.01.14	35.70.000.01.18

OPTIONS



EMERGENCY (EM) - SELF-TEST INTEGRATED

ON/OFF	COD
EM 1H 3W	35.00.003.01.23
EM 3H 3W	35.00.003.01.24

DALI	COD
EM 1H 5,4W DALI	35.00.004.01.54
EM 3H 5,4W DALI	35.00.004.01.55

— Emergency only applied to LED Modules versions.







LED STRIPS

LED FLEX IP20
SURFACE



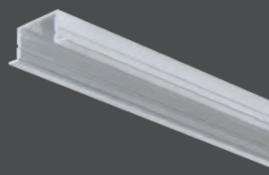
LED FLEX IP65
SURFACE



DRIVERS
CLASS II



PROFILES
SURFACE
CORNER
RECESSED



LED FLEX IP20



PT

— Opções para decoração de interiores em ambientes residenciais ou profissionais.
— Driver externo de tensão constante e classe de proteção II (não incluído).
— Disponível em bobinas de 10 metros de fita flexível contínua.
— Incorpora fita adesiva 3M para uma simples e rápida aplicação.
— Fita flexível LED dimável alimentada a 24VDC (tensão reduzida).

EN

— Options for interior decoration, for both residential and office use.
— External class II constant voltage power supply (not included).
— Available in 10 metres continuous flexible strip coils.
— Fitted with 3M adhesive tape for easy and quick application.
— Dimmable flexible LED input voltage: 24V DC (reduced tension).

RECOMMENDED PROFILES

KNOW MORE ABOUT **PROFILES** ON PAGE **144** AND **146** ►

LED FLEX

IP20



POWER	NANO-S8 SURFACE	NANO-S15 SURFACE	NANO-R10 RECESSED	NANO-R15 RECESSED	NANO-C CORNER	ERGOS-L SURFACE
5 W/m	✓	✓	✓	✓	✓	✓
12 W/m	✓	✓	✓	✓	✓	✓
22 W/m	×	×	×	×	×	✓

QUICK INFO

GENERAL
With 3M Adhesive Tape
IP20
Ta= –25°C +45°C

LED
Efficacy up to 102 lm/W
2700 K, 3000 K, 4000 K
CRI >80
Beam Angle 120°
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

LED FLEX

IP20

Color Temp.	b (mm)	Output (lm/m)	Power (W/m)	LED/m	Cut Gap (mm)	COD
2700 K	8	485	5	60	100	35.00.005.01.11
	8	1050	12 *	120	50	35.00.005.01.12
	12	2060	22 *	120	50	35.00.005.01.13
3000 K	8	500	5	60	100	35.00.005.01.14
	8	1100	12 *	120	50	35.00.005.01.15
	12	2145	22 *	120	50	35.00.005.01.16
4000 K	8	510	5	60	100	35.00.005.01.17
	8	1120	12 *	120	50	35.00.005.01.18
	12	2200	22 *	120	50	35.00.005.01.19

— * Heatsink profile required for effective thermal dissipation.

COMPONENTS



CLASS II

DRIVERS - EXTERNAL

TYPE		DIMENSION	COD
ON/OFF	Power Supply 30W IP20	26,5×40×145 mm	35.41.00.000117
	Power Supply 60W IP20	31×40×200 mm	35.00.004.01.89
	Power Supply 120W IP20	31×40×260 mm	35.41.00.000118
DALI	Power Supply 35W IP20	30,2×43×195 mm	35.00.004.01.92
	Power Supply 60W IP20	30,2×43×225 mm	35.00.004.01.93
	Power Supply 100W IP20	29,8×43×295 mm	35.00.004.01.94
	Power Supply 150W IP20	29,8×43×325 mm	35.00.004.01.95

— External Driver to be housed nearby.

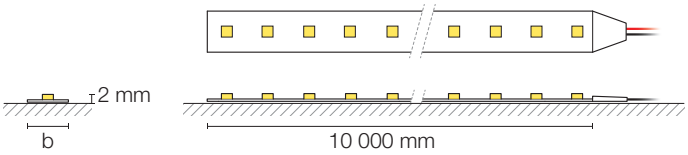
OPTIONS



CLASS II

EMERGENCY (EM)

ON/OFF	REST MODE	COD
EM 1H MAX 30W	9 VDC	35.00.005.01.36
EM 3H MAX 30W	9 VDC	35.00.005.01.37



LED FLEX IP65



PT

— Apropriada para aplicação em interiores, em instalações onde não exista exposição solar.
— Driver externo de tensão constante e classe de proteção II (não incluído).
— Disponível em bobinas de 5 metros de fita flexível contínua.
— Incorpora fita adesiva 3M para uma simples e rápida aplicação.
— Fita flexível LED dimável alimentada a 24VDC (tensão reduzida).
— Índice de proteção IP65 contra o pó e vapor de água.

EN

— Suitable for interior design where there is no direct sun exposure.
— External class II constant voltage Driver (not included).
— Available in 5 metres continuous flexible strip coils.
— Fitted with 3M adhesive tape for easy and quick application.
— Dimmable flexible LED input voltage: 24V DC (reduced tension).
— IP65 protection rating against dust and steam.

RECOMMENDED PROFILES

KNOW MORE ABOUT **PROFILES** ON PAGE **144** AND **146** ►

LED FLEX

IP65



POWER	NANO-S8 SURFACE	NANO-S15 SURFACE	NANO-R10 RECESSED	NANO-R15 RECESSED	NANO-C CORNER	ERGOS-L SURFACE
5 W/m	×	✓	✓	✓	✓	✓
12 W/m	×	✓	✓	✓	×	✓

QUICK INFO

GENERAL
With 3M Adhesive Tape
IP65
Ta= –25°C +45°C

LED
Efficacy up to 102 lm/W
2700 K, 3000 K, 4000 K
CRI >80
Beam Angle 120°
Lifetime 30 000 H
L80/B10 @Tc=55°C
24 VDC

ELECTRICAL SYSTEM
220-240V/50-60Hz
ON/OFF, DALI

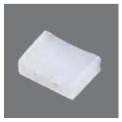
LED FLEX

IP65

Color Temp.	b (mm)	Output (lm/m)	Power (W/m)	LED/m	Cut Gap (mm)	COD
2700 K	12	446	5	60	100	35.00.005.01.20
	12	966	12 *	120	50	35.00.005.01.21
3000 K	12	460	5	60	100	35.00.005.01.23
	12	1012	12 *	120	50	35.00.005.01.24
4000 K	12	469	5	60	100	35.00.005.01.26
	12	1030	12 *	120	50	35.00.005.01.27

— * Heatsink profile required for effective thermal dissipation.

ACCESSORIES





END CAPS (1pc)

TYPE	FIG	COD
End Cap with holes 5W / 12W	1	35.00.005.01.30
End Cap with holes 22W	1	35.00.005.01.32
End Cap 5W / 12W	2	35.00.005.01.29
End Cap 22W	2	35.00.005.01.31



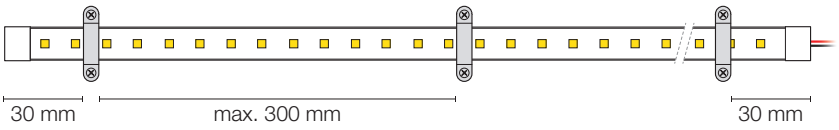
SILICONE SEALANT TUBE (1pc)

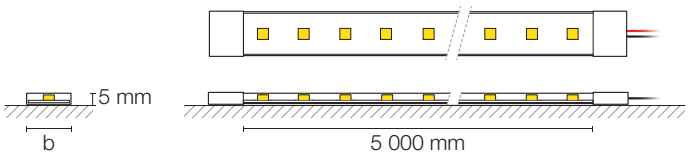
TYPE	FIG	END CAP SEALANTS	COD
Silicone Sealant Tube 300 ml	1	Up to 300 applications.	35.00.005.01.35
Silicone Sealant Tube 40 ml	2	Up to 40 applications.	35.00.005.01.63



MOUNTING HOLDER (1pc) - WHEN PROFILES ARE NOT USED

TYPE	DIMENSION	COD
Mounting Holder 5W / 12W	5×6×26 mm	35.00.005.01.33
Mounting Holder 22W	6×6×33 mm	35.00.005.01.34





DRIVERS
RANGE

COMPONENTS

DRIVERS - EXTERNAL



CLASS II

IP20

ON/OFF	DIMENSION	COD
Power Supply 30W IP20	26,5×40×145 mm	35.41.00.000117
Power Supply 60W IP20	31×40×200 mm	35.00.004.01.89
Power Supply 120W IP20	31×40×260 mm	35.41.00.000118
DALI	**DIMENSION**	**COD**
Power Supply 35W IP20	30,2×43×195 mm	35.00.004.01.92
Power Supply 60W IP20	30,2×43×225 mm	35.00.004.01.93
Power Supply 100W IP20	29,8×43×295 mm	35.00.004.01.94
Power Supply 150W IP20	29,8×43×325 mm	35.00.004.01.95

— External Driver to be housed nearby.



CLASS II

IP66

ON/OFF	DIMENSION	COD
Power Supply 20W IP66	25×43×178 mm	35.41.00.000119
Power Supply 40W IP66	26×43×208 mm	35.41.00.000120
Power Supply 60W IP66	26×43×208 mm	35.41.00.000121
Power Supply 100W IP66	34×50×240 mm	35.41.00.000122
Power Supply 130W IP66	37×63×220 mm	35.41.00.000123
DALI	**DIMENSION**	**COD**
Power Supply 100W IP66	37×69×237 mm	35.41.00.000124
Power Supply 210W IP66	37×69×330 mm	35.41.00.000125

— External Driver to be housed nearby.

OPTIONS



CLASS II

EMERGENCY (EM)

ON/OFF	REST MODE	COD
EM 1H MAX 30W	9 VDC	35.00.005.01.36
EM 3H MAX 30W	9 VDC	35.00.005.01.37

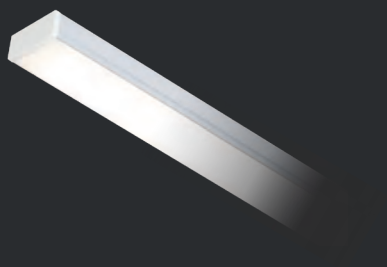


PROFILES
SURFACE

NANO-S8
SURFACE



SCALE 1:1



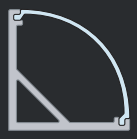
NANO-S15
SURFACE



SCALE 1:1



NANO-C
CORNER SURFACE



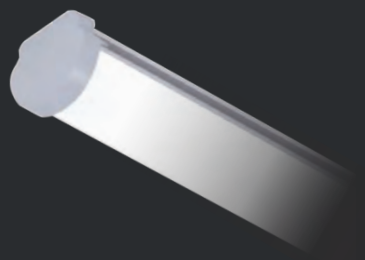
SCALE 1:1



ERGOS-L
SURFACE



SCALE 1:1



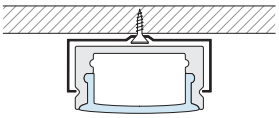
PT

— Perfis elegantes e compactos para iluminação de mobiliário e sancas.
— Adequado para aplicação saliente ou canto, no teto ou na parede.
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Drivers externos de tensão constante e classe de proteção II.
— Difusores em PC opal e corpos em perfil de alumínio anodizado mate.

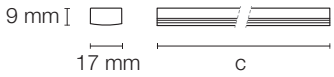
EN

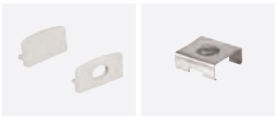
— Slender and compact profiles for furniture and cove lighting.
— Suitable for ceiling, wall and corner surface mounting.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II constant voltage drivers.
— Opal PC diffuser and matt anodized aluminium profiles body.

NANO-S8 SURFACE

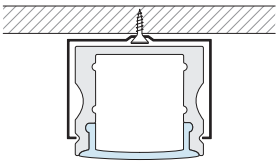


TYPE	DIMENSIONS	COD
Profile	c = 2000 mm	35.41.15.000834
Diffuser	c = 2000 mm	35.41.15.000835
End Cap	16×16 mm	35.41.15.000837
End Cap with hole	16×16 mm	35.41.15.000836
Fixing Clamp	10×8×16 mm	35.41.15.000838

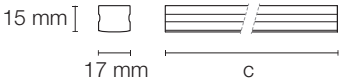




NANO-S15 SURFACE

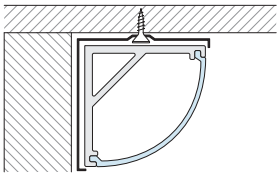


TYPE	DIMENSIONS	COD
Profile and Diffuser	c = 2000 mm	35.41.15.000851
End Cap	16×16 mm	35.41.15.000852
End Cap with hole	16×16 mm	35.41.15.000856
Fixing Clamp	10×8×16 mm	35.41.15.000853

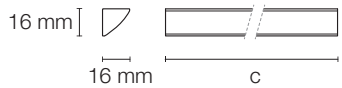




NANO-C CORNER SURFACE

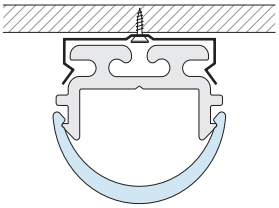


TYPE	DIMENSIONS	COD
Profile	c = 2000 mm	35.41.15.000839
Diffuser	c = 2000 mm	35.41.15.000840
End Cap	16×16 mm	35.41.15.000842
End Cap with hole	16×16 mm	35.41.15.000841
Fixing Clamp	10×8×16 mm	35.41.15.000843

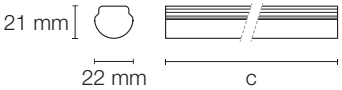




ERGOS-L SURFACE



TYPE		DIMENSIONS	COD
Profile		c = 2000 mm	35.41.15.000846
Diffuser		c = 2000 mm	35.41.15.000847
End Cap		16×16 mm	35.41.15.000848
End Cap with hole		16×16 mm	35.41.15.000859
Fixing Clamp	1	10×8×16 mm	35.41.15.000849
Rotating Clamp	2	20×16×8 mm	35.41.15.000850





PROFILES SUPPLIED WITHOUT LED TAPE

TO KNOW MORE ABOUT **LED FLEX** TO BE USED ON THIS **PROFILES** GO TO PAGE **138** AND **140** ►

PROFILES
RECESSED

NANO-R10
RECESSED



SCALE 1:1

NANO-R15
RECESSED



SCALE 1:1

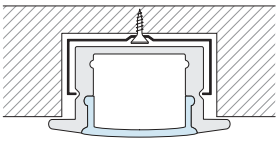
PT

— Perfis elegantes e compactos para iluminação de mobiliário e sancas.
— Adequado para aplicação encastrada no teto ou na parede.
— Sistema de clipagem incluído que permite instalação rápida com apenas um clique e sem parafusos visíveis.
— Drivers externos de tensão constante e classe de proteção II.
— Difusores em policarbonato opal e corpos em perfil de alumínio anodizado mate.

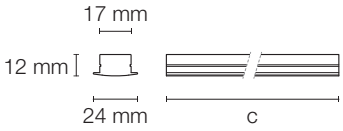
EN

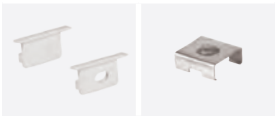
— Slender and compact profiles for furniture and cove lighting.
— Suitable for ceiling or wall recessed mounting.
— Quick clamping system included for tool-free installation with a simple click and without visible screws.
— External class II constant voltage drivers.
— Opal polycarbonate diffuser and matt anodized aluminium profiles body.

NANO-R10 RECESSED

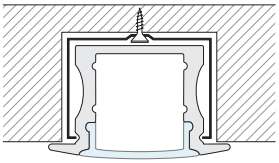


TYPE	DIMENSIONS	COD
Profile	c = 2000 mm	35.41.15.000844
Diffuser	c = 2000 mm	35.41.15.000835
End Cap	16×16 mm	35.41.15.000845
End Cap with hole	16×16 mm	35.41.15.000857
Fixing Clamp	10×8×16 mm	35.41.15.000838

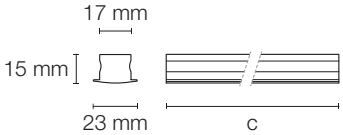


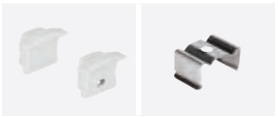


NANO-R15 RECESSED



TYPE	DIMENSIONS	COD
Profile and Diffuser	c = 2000 mm	35.41.15.000854
End Cap	16×16 mm	35.41.15.000855
End Cap with hole	16×16 mm	35.41.15.000858
Fixing Clamp	10×8×16 mm	35.41.15.000853







PROFILES SUPPLIED WITHOUT LED TAPE

TO KNOW MORE ABOUT **LED FLEX** TO BE USED ON THIS **PROFILES** GO TO PAGE **138** AND **140** ►





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TECHNICAL INFORMATION

PT SÍMBOLOGIA E ABREVIATURAS EN SYMBOLS AND ABREVIATIONS

EN 60 598

Todos os produtos são projetados e produzidos de acordo com as normas europeias da série EN 60 598.

Climar Lighting products are designed and produced within the European Standards of the EN 60598 series.

ROHS 2

Diretiva 2011/65/UE do Parlamento Europeu e do Conselho de 8 de junho de 2011 e Diretiva Delegada (UE) 2015/863 da Comissão de 31 de março de 2015, relativa à restrição do uso de determinadas substâncias perigosas em equipamentos elétricos e eletrónicos.

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 and Delegated Directive (UE) 2015/863 of Committee of 31 March 2015, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

CE

Todos os produtos cumprem os requisitos das diretivas europeias aplicáveis, possuindo marcação CE.

All products meet the requirements of the relevant European directives and therefore carry the CE label.

IPXX

O prefixo IP seguido de dois algarismos é um sistema de codificação que indica a "resistência" da luminária à penetração de poeiras, corpos sólidos e líquidos de acordo com a norma EN 60598. O primeiro algarismo identifica a proteção contra a penetração de corpos sólidos e poeira, e o segundo à entrada de água e humidade.

The IP (Ingress Protection) is a coding system that indicates the luminaire's stability in withstanding the penetration of dust, solid bodies and liquids in accordance with EN 60598. The first IP code refers to the protection against the penetration of solid bodies and dust, while the second code refers to the ingress of water and moisture.

IKXX

Grau de resistência dos invólucros das luminárias a impactos mecânicos externos, definidos pela norma EN 62262.

Coding system that shows the level of protection provided by enclosures for electrical equipment against external mechanical impacts, in accordance with EN 62262 standards.

650° C
750° C
850° C
960° C

Resistência ao ensaio do fio incandescente de acordo com a norma EN 60598-1.

Glow Wire test in accordance with EN 60598-1.

Classe I identifica luminárias com isolamento principal e proteção por ligação à terra prevista nas partes metálicas acessíveis.

Safety Class I designates luminaires where all the exposed metal parts are connected to one another and to the protective earth conductor.

Classe II identifica luminárias com isolamento principal e isolamento suplementar, mas sem meio de proteção por ligação à terra.

Safety Class II designates luminaires that are insulated in such a way that there are no exposed metal parts that can carry current.

Classe III identifica luminárias previstas para alimentação em muita baixa tensão de segurança.

Safety Class III designates luminaires operating on extra-low safety voltage.

Ta= ...°C

O símbolo Ta = ...°C indica o intervalo de temperatura ambiente, medido em graus Celsius (°C), na qual a luminária está preparada para funcionar.

The symbol Ta = ...°C indicates the ambient temperature range, measured in degrees Celsius (°C) at which a luminaire is allowed to be operated.

Beam Angle (°)

Refere-se ao ângulo de abertura do feixe de luz da luminária.

Refers to the light beam angle of the luminaire.

Output (lm)

Os lumens (lm) indicados referem-se ao fluxo luminoso total emitido pela luminária. Este valor está sujeito a uma tolerância de +/- 10%.

Lumen (lm) output values refers to the total luminous flux which is emitted by the luminaire. This information is subject to a tolerance of +/- 10%.

System (W)

A potência do sistema indicada em Watts (W), refere-se ao consumo total da luminária após a sua estabilização térmica, incluindo todos os componentes instalados, módulo de LED e Driver. Os valores indicados são nominais, estando sujeitos a uma tolerância de +/- 10%.

Indicated Watt (W) values refers to the luminaire total power consumption after thermal stabilisation including all the installed components, LED module and Driver. The values in this catalogue are rated values, which is subject to a tolerance of +/- 10%.

Power (W)

A potência indicada em Watts (W) refere-se:
– Ao consumo do LED, excluindo Driver (Driver externo fornecido separadamente).
– À potência máxima admissível da lâmpada a usar na luminária (luminárias fornecidas sem lâmpada).
Estes valores estão sujeitos a uma tolerância de +/- 10%.

Indicated Watt (W) values refers to:
– The power consumption of the LED module, excluding Driver (remote Driver supplied separately).
– The maximum lamp wattages permissible for operation (luminaires supplied without light source).
These values are subject to a tolerance of +/- 10%.

PT CARACTERÍSTICAS DO LED EN LED FEATURES

XX**00 K**

O termo Temperatura de Cor em Kelvin (K) é usado para definir a cor da luz branca.

The term “colour temperature” is used for the light colour of white light and is expressed in Kelvin (K).

CRI >XX

O Índice de Restituição de Cor (CRI) representa a capacidade da fonte de luz em conseguir reproduzir fielmente as cores dos objetos iluminados, por comparação com uma fonte de luz natural. Um CRI acima de 80 é bom, acima de 90 é muito bom.

The colour rendering index (CRI) stands for the ability of a light source to reproduce colours faithfully in comparison with an ideal or natural light source. A CRI above 80 is good, above 90 is very good.

lm/W

A eficiência luminosa da luminária é o rácio entre o fluxo luminoso emitido e a potência consumida pela luminária. Este valor é expresso em lumen por watt (lm/W).

The luminaire luminous efficiency is the quotient of the emitted luminous flux and the electric power consumed by the luminaire. The value is expressed in lumen per watt (lm/W).

Lifetime

O tempo de vida útil do módulo LED é expresso em horas e depende da temperatura máxima permitida no tc-point (@Tc).

Information about LED module lifetime is expressed in hours and depends on the maximum permissible temperature which may occur at the tc-point (@Tc).

LXX**/B**XX

O valor L representa a percentagem do fluxo luminoso inicial que o LED continua a emitir após o número especificado de horas de funcionamento. O valor B indica a percentagem de LEDs que poderão estar abaixo do valor L específico.

The L value represents the percentage of original luminous flux that the LED continues to achieve after the specified number of operating hours. The B value indicates the percentage of LEDs which are below the specific L value.

PT SISTEMAS ELÉTRICOS EN ELECTRICAL SYSTEMS

ON/OFF

Fonte de alimentação ON/OFF (sem regulação do fluxo).

ON/OFF Power Supply (non dimmable).

DALI

DALI (Digital Addressable Lighting Interface) é um protocolo universal para gestão de sistemas de iluminação.

The Digital Addressable Lighting Interface (DALI) is a standard protocol for lighting management system.

LIGHT SOURCES
COMPONENTS AND SCHEMES

PT LÂMPADAS DISPONÍVEIS EN AVAILABLE LAMPS



LED TUBES T8 (G13)

TYPE	DIMENSION	COD
LUXTEK Tubular 10W T8 865 900lm	600 mm	35.42.55.00.010
LUXTEK Tubular 14W T8 865 1200lm	900 mm	35.42.55.00.018
LUXTEK Tubular 22W T8 865 2000lm	1200 mm	35.42.55.00.014
LUXTEK Tubular 24W T8 865 2300lm	1500 mm	35.42.55.00.020



LED TUBES T9 (G10q)

TYPE	DIMENSION	COD
LUXTEK Circular 14W T9 865 1500lm	Ø215 mm	35.42.55.00.010
LUXTEK Circular 18W T9 865 2000lm	Ø300 mm	35.42.55.00.020

PT ESQUEMAS ELÉTRICOS EN ELECTRICAL SCHEMES

LED TUBE T8
TUBULAR

Caso nenhum dos esquemas elétricos apresentados anteriormente seja indicado, selecione o esquema para a sua luminári LED TUBE Tubular (T8).

If none of the wiring diagrams shown previously is indicated, select the scheme for your Tubular LED TUBE luminaire (T8).

Esquema | Scheme **A**



Esquema | Scheme **B**



Esquema | Scheme **C**



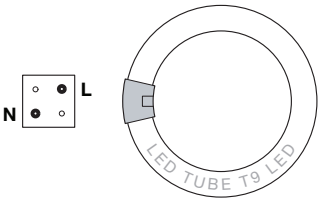
Esquema | Scheme **D**



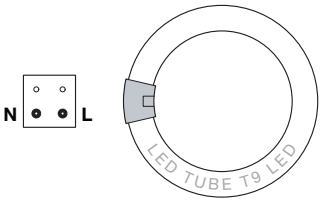
LED TUBE T9
CIRCULAR

Abaixo estão representados os esquemas elétricos standard para a sua luminária LED TUBE Circular (T9).
Below are the standard wiring diagrams foryour Circular LED TUBE luminaire (T9).

Esquema | Scheme **E**



Esquema | Scheme **F**



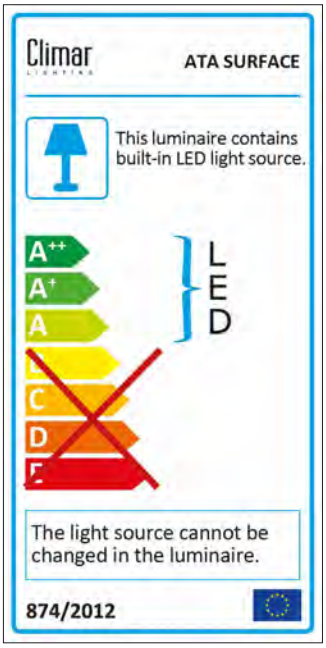
ENERGY EFFICIENCY
CLASSIFICATION

AAV Surface	LED MODULES	A++	A+	A
ACDE Surface	LED TUBES	A++	A+	
ACO Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ADAS Opal Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ADAS E60 Surface	LED TUBES	A++	A+	
AIN Surface	LED TUBES	A++	A+	
	FLUORESCENT	A	B	
AIN Reflector Surface	LED TUBES	A++	A+	
	FLUORESCENT	A	B	
ASH Wall	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ATA Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ATAC Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ATE BASIC IP65/IP66/IK10 Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
BLACKBOARD Wall / Suspended	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
CANTHOR Surface	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
ESTRELA RO IP44 Surface	LED LAMP	A++	A+	
ESTRELA OV IP44 Surface	LED LAMP	A++	A+	
LED FLEX IP20/IP65 Surface	LED MODULES	A++	A+	A
NANO-C Corner Surface	LED MODULES	A++	A+	A
NANO-R10/15 Recessed	LED MODULES	A++	A+	A
NANO-S8/15 Surface	LED MODULES	A++	A+	A
OFFICE PANEL Recessed	LED MODULES	A++	A+	A
OFFICE-R Opal Recessed	LED MODULES	A++	A+	A
	LED TUBES	A++	A+	
OFFICE-R E60 Recessed	LED TUBES	A++	A+	
ONDATEC Surface	LED TUBES	A++	A+	
ROYAL Wall	LED MODULES	A++	A+	A
ROYAL-C Surface	LED TUBES	A++	A+	
ROYAL-R Surface	LED TUBES	A++	A+	
SIRIUS 120, 170, 225 Recessed	LED MODULES	A++	A+	A
SIRIUS-D 137 IP44 Recessed	LED MODULES	A++	A+	A
SIRIUS-D 187 IP44 Recessed	LED MODULES	A++	A+	A
SIRIUS-R 184 RO Recessed	LED MODULES	A++	A+	A
SIRIUS-R SQ Duo Recessed	LED MODULES	A++	A+	A
SIRIUS-R SQ Single Recessed	LED MODULES	A++	A+	A
SLIM Surface	LED TUBES	A++	A+	
	FLUORESCENT	A	B	
TETRA-C Suspended	LED TUBES	A++	A+	
TUPOLI 70 IP40 Surface	LED TUBES	A++	A+	
TUPOLI 70 IP40 Suspended	LED TUBES	A++	A+	
TUPOLI 70 IP65/IP66 Surface	LED TUBES	A++	A+	
TUPOLI 70 IP65/IP66 Suspended	LED TUBES	A++	A+	
VITA Surface	LED TUBES	A++	A+	

PT ETIQUETA ENERGÉTICA
EN ENERGY LABEL

Em conformidade com o Regulamento Delegado (UE) 874/2012 da Comissão, de 12 de julho de 2012, que complementa a Diretiva 2010/30/UE do Parlamento Europeu e do Conselho no que respeita à rotulagem energética das lâmpadas elétricas e luminárias.
O rótulo energético na etiqueta mostra a classe de eficiência energética atribuída às lâmpadas incorporadas na luminária, ou as que são compatíveis, em que **A**++ significa "muito eficiente" e **E** "menos eficiente".

In line with the Commission Delegated Regulation (EU) No 874/2012 of 12 July 2012, supplementing Directive 2010/30/UE of the European Parliament and of the Council with regard to ennergy labelling of electrical lamps and luminaires. The label shows the energy efficiency classes of the lamps with which the luminaire is compatible, or also of the lamps included with the luminaire. **A**++ stands for "high efficient" and **E** for "least efficient".



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EN EXAMPLE
ATA Surface - LED Modules

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3 years **guarantee**

5 years **guarantee**

Três ou Cinco anos de garantia
Os produtos Climar beneficiam de uma garantia de três ou cinco anos de acordo com as condições de garantia em www.**climarlighting**.com.

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essential light for your daily life

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