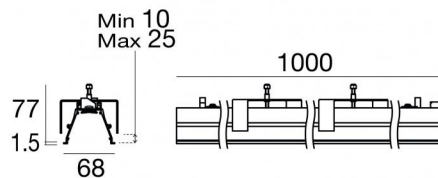# Rollip60_MC

Lines | 128 topLED 13 W DC 48 V | Modular | CRI 90
C00247WHNZZ

Min 10
Max 25

77
1.5
68

1000

64 x
1000

Technical data

Type	- - Frame
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	No optic
Light emission direction	downward
Nominal power	13 W DC
Source lumens	1880 lm
Input voltage range	48V
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP40
Optical compartment IP	IP54
Glow wire test	No
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.85 Kg
Modularity	Modular
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	Aluminium 6060
Colour	White
Processing	Powder coating

Electronics

99784	Switching Driver 180~295V AC / 255~417V DC 150 W (1 - 11 art.)
99785	On/Off Driver 100~305V AC / 142~431V DC 240 W (1 - 18 art.)
C-E400003	Push and Simply Dim - DALI-2 Controller (1 - 11 art.)
C-E300009	On/Off Driver 220~240V AC / 176~276V DC 75 W (1 - 5 art.)
C-E300010	On/Off Driver 220~240V AC / 176~276V DC 150 W (1 - 11 art.)

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Rollip60_MC

Lines | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200014
C00247WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 128 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1880 lm, with a 144.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating. The ingress protection degree is IP40; the total weight is of 0.85 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W.

The device features protection class III and can be ceiling-mounted, with a 64 x 1000 mm hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 2 light sources of energy efficiency class D.

Illuminotechnical Features	
Light Output Ratio (LOR)	77 %
Source lumens	1880 lm
Delivered lumens	1457 lm
Consumption	13 W
Luminaire efficacy	112 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR	
UGR axial	18.4
UGR transversal	19
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	65°
C0/C180 optics	71°
Light distribution simmetry	Symmetrical 2 assis

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Rollip60_MC

Lines | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200008

C00247WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 128 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1880 lm, with a 144.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating. The ingress protection degree is IP40; the total weight is of 0.85 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W.

The device features protection class III and can be ceiling-mounted, with a 64 x 1000 mm hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 2 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	89 %
Source lumens	1880 lm
Delivered lumens	1679 lm
Consumption	13 W
Luminaire efficacy	129 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	22.7
UGR transversal	27.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	99°
C0/C180 optics	139°
Light distribution simmetry	Symmetrical 2 assis

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Rollip60_MC

Lines | 128 topLED 13 W DC 48 V | Modular | CRI 90 | + C-U200012

C00247WHNZZ

Single emission lines or lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 128 topled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1880 lm, with a 144.6 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating. The ingress protection degree is IP40; the total weight is of 0.85 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 W.

The device features protection class III and can be ceiling-mounted, with a 64 x 1000 mm hole (in plasterboard).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 2 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	91 %
Source lumens	1880 lm
Delivered lumens	1718 lm
Consumption	13 W
Luminaire efficacy	132 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	22.7
UGR transversal	27.8
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

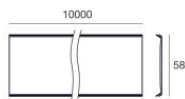|	
C0/C180 optics	95°
Light distribution simmetry	Asymmetrical

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Rollip60_MC | Lines | Accessories
C00247WHNZZ

Code

Closing cap - To use the end-caps it is necessary to increase the length of the installation hole of 8 mm.
Material:Aluminium, colour:White, processing:Coating.

C-V400008

Code

Template - green

C-V200003

Finish | **Code**

Diffuser - Opal - Length 5m
Diffuser Type: opaline diffuser.
Material:UV Resistant Polycarbonate, colour:opaline.

C-U200008

Finish | **Code**

Diffuser - Opal - Length 20m
Diffuser Type: opaline diffuser.
Material:UV Resistant Polycarbonate, colour:opaline.

C-U200010

Finish | **Code**

Diffuser - Opal - Length 10m
Diffuser Type: opaline diffuser.
Material:UV Resistant Polycarbonate, colour:opaline.

C-U200009

Finish | **Code**

Diffuser - Asymmetrical - Length 5m
Diffuser Type: asimmetrico.
Material:UV Resistant Polycarbonate, colour:opaline.

C-U200012

Code

Diffuser
Diffuser Type: anti-abbagliamento.
Material:UV Resistant Polycarbonate, colour:opaline, processing:Satin finishing.

C-U200014

Code

Diffuser - Anti-glare diffuser UGR less than 19 - Length 10m
Diffuser Type: anti-abbagliamento.
Material:UV Resistant Polycarbonate, colour:opaline, processing:Satin finishing.

C-U200015

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Rollip60_MC | Lines | Accessories
C00247WHNZZ

10000

58

Diffuser - Asymmetrical - Length 10m
Diffuser Type: asimmetrico.
Material:UV Resistant Polycarbonate, colour:opaline.

Finish	Code
	C-U200013

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