

Product data sheet

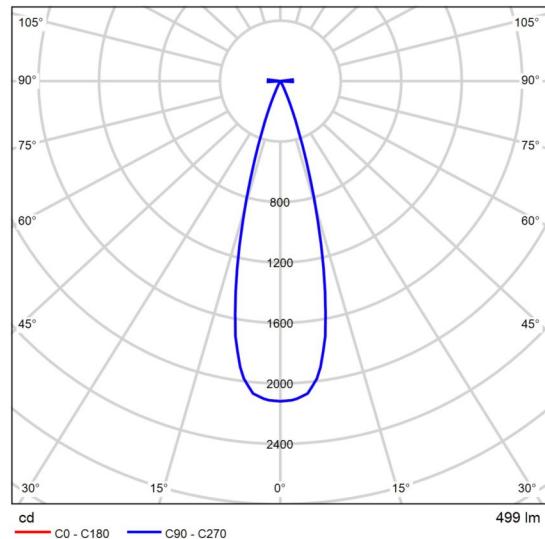
ERCO Atrium double focus downlight 1×LED 6W warm white



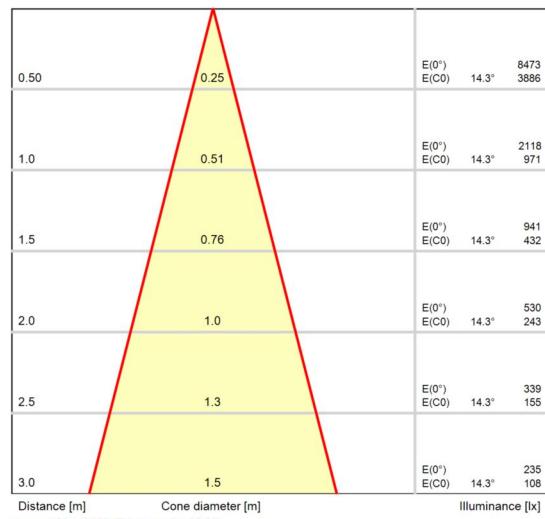
Article No.	44828000
P	8.0 W
$\Phi_{\text{Luminaire}}$	499 lm
Luminous efficacy	62.4 lm/W
CCT	3063 K
CRI	92

44828.000

ERCO Atrium double focus downlight
Size 3 40°
LED 6W 630lm 3000K warm white
Switchable
Version 2
Covered mounting detail
Spherolit lens, flood
Housing: cast aluminium, designed as heat sink, with connection cable L 500mm. Fixing ring: polymer, black.
Mounting ring: Polymer, white (RAL9002). Expanding spring fixing for ceiling thicknesses of 1-25mm.
Includes control gear. 2-pole terminal block.
LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
Anti-glare cone: polymer, black lacquered. Cut-off angle 40°.
The luminaire is protected on the room side against splashing water.
Technical data
Luminous flux of the luminaire 499lm
Connected load 8W
Luminaire efficacy 62lm/W
Colour deviation 1.5 SDCM
Colour rendition index CRI 92
Lumen maintenance (LED manufacturer specifications) L90/B10
 $<=50000\text{h}$, L90 $<=100000\text{h}$



Polar LDC



Cone diagram

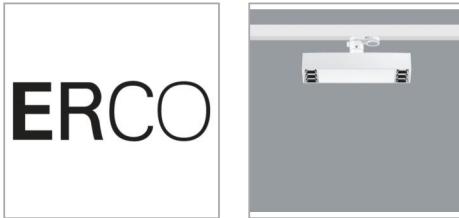
Product data sheet

ERCO Atrium double focus downlight 1×LED 6W warm white

LED failure rate 0.1% <=50000h
Energy efficiency class EEI A+
Luminaires per circuit breaker B16 up to 27
Recess depth 101mm
Ceiling aperture ø 104mm
Weight 0.60kg
ENEC15, CCC, EAC, CE, Protection Class II, RCM

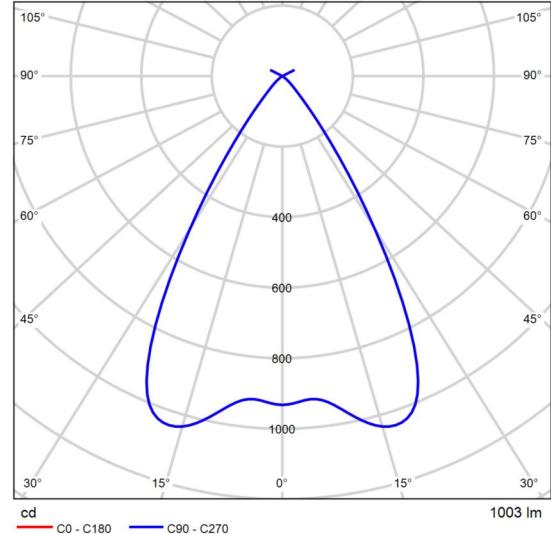
Product data sheet

ERCO Compar Downlight 1×LED 12W warm white



Article No.	85398000
P	14.0 W
$\Phi_{\text{Luminaire}}$	1003 lm
Luminous efficacy	71.6 lm/W
CCT	3052 K
CRI	97

85398.000
 ERCO Compar Downlight
 with silver louvre
 White (RAL9002)
 LED 12W 1190lm 3000K warm white
 Switchable
 Version 1
 Lens system, wide flood
 Housing: cast aluminium, powder-coated; rotatable on the adapter
 through 360°.
 ERCO control gear.
 3-phase adapter for ERCO 220-240V track: polymer, white.
 LED module: high-power LEDs on metal-core PCB. Lens system
 made of optical polymer.
 Louvre: polymer, aluminium vaporised, silver, mirror-finish. Cut-off
 angle 30°.
 Technical data
 Luminous flux of the luminaire 1004lm
 Connected load 14W
 Luminaire efficacy 72lm/W
 Colour deviation 1.5 SDCM
 Colour rendition index CRI 97
 Lumen maintenance (LED manufacturer specifications) L90/B10
 <=50000h, L90 <=100000h
 LED failure rate 0.1% <=50000h
 Energy efficiency class EEI A+



Polar LDC

Glare evaluation according to UGR										
ρ Ceiling	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20
X	Viewing direction at right angles to lamp axis									Viewing direction parallel to lamp axis
2H	17.6	18.4	17.9	18.6	18.8	17.6	18.4	17.9	18.6	18.8
3H	17.5	18.2	17.8	18.4	18.7	17.5	18.2	17.8	18.4	18.7
4H	17.4	18.1	17.7	18.3	18.6	17.4	18.1	17.7	18.3	18.6
6H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5
8H	17.3	17.9	17.6	18.2	18.5	17.3	17.9	17.6	18.2	18.5
12H	17.3	17.8	17.6	18.1	18.4	17.3	17.8	17.6	18.1	18.4
4H	17.4	18.1	17.7	18.3	18.6	17.4	18.1	17.7	18.3	18.6
3H	17.3	17.8	17.6	18.1	18.4	17.3	17.8	17.6	18.1	18.4
4H	17.2	17.7	17.5	18.0	18.4	17.2	17.7	17.5	18.0	18.4
6H	17.1	17.5	17.5	17.9	18.3	17.1	17.5	17.5	17.9	18.3
8H	17.0	17.5	17.5	17.8	18.2	17.0	17.5	17.5	17.8	18.2
12H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
8H	17.0	17.5	17.5	17.8	18.2	17.0	17.5	17.5	17.8	18.2
6H	17.0	17.3	17.4	17.7	18.2	17.0	17.3	17.4	17.7	18.2
8H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1
12H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1
12H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
4H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
6H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1
8H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1

Variation of the observer position for the luminaire distances S

S = 1.0H	+5.6 / +18.4	+5.6 / -18.4
S = 1.5H	+8.4 / -79.1	+8.4 / -79.1
S = 2.0H	+10.4 / -98.1	+10.4 / -98.1

Standard table BK00

Correction Summand -1.1

BK00

Corrected glare indices referring to 1003lm Total luminous flux

UGR diagram (SHR: 0.25)

Product data sheet

ERCO Compar Downlight 1×LED 12W warm white

Luminaires per circuit breaker B16 up to 58

Length 254mm

Width 96mm

Height 95mm

Weight 0.88kg

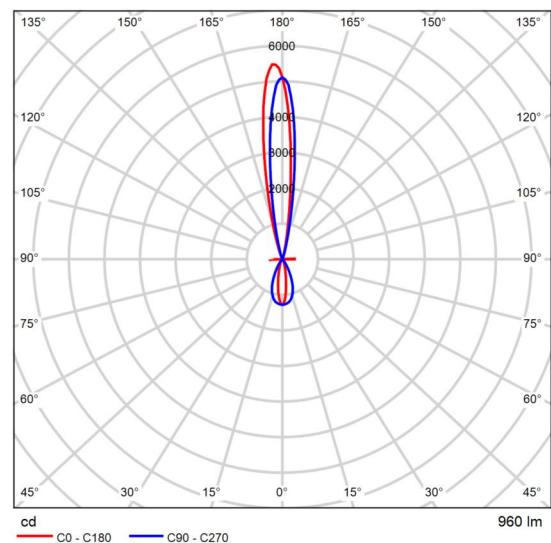
ENEC10, VDE, CE, RCM

Product data sheet

ERCO Cylinder Façade luminaire 1×LED 12W warm white



Article No.	85110000
P	14.0 W
$\Phi_{\text{Luminaire}}$	960 lm
Luminous efficacy	68.6 lm/W
CCT	3063 K
CRI	92



Polar LDC

85110.000
 ERCO Cylinder Façade luminaire
 Size 2 30°
 Graphit m
 LED 12W 1260lm 3000K warm white
 Switchable
 Version 6
 Spherolit lens, spot
 Housing: corrosion-resistant aluminium profile, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt. Tamper-proof screw.
 Cover and wall fixture: corrosion-resistant cast aluminium.
 Control gear. 2 cable entries. Through-wiring possible. 3-pole terminal block.
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
 Front lens top: Spherolit lens, spot. Upper non-reflective safety glass.
 Front lens bottom: Reflector: aluminium, silver, bright anodised. Spherolit lens, oval flood. Lower non-reflective safety glass.
 Protection mode IP65: dust-proof and water jet-proof.
 Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.
 Technical data
 Luminous flux of the luminaire 961lm
 Connected load 14W

Product data sheet

ERCO Cylinder Façade luminaire 1×LED 12W warm white

Luminaire efficacy 69lm/W

Colour deviation 1.5 SDCM

Colour rendition index CRI 92

Lumen maintenance (LED manufacturer specifications) L90/B10

<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Energy efficiency class EEI A+

Luminaires per circuit breaker B16 up to 50

Length 145mm

Width 95mm

Height 195mm

Weight 1.90kg

ENEC15, EAC, CE, IP65, RCM

Product data sheet

ERCO Eclipse 48V Floodlight 1×LED 14.1W warm white



Article No.	A0006836
P	19.0 W
$\Phi_{\text{Luminaire}}$	921 lm
Luminous efficacy	48.5 lm/W
CCT	3052 K
CRI	97

A0006836

ERCO Eclipse 48V Floodlight

Size M

Black

LED 14.1W 1385lm 3000K warm white

Casambi Bluetooth

Version 1

Darklight lens wide flood

Housing: cast aluminium, powder-coated; can be swivelled through 270° on the bracket. Upper cover made of polymer.

Bracket: cast aluminium/polymer, coated; can be rotated through 360° on the adapter.

Minirail adapter for ERCO Minirail 48V track: polymer, black.

ERCO control gear.

Add-on control unit: Casambi Bluetooth.

LED module: high-power LEDs. Collimating lens made of optical polymer.

Lens unit: polymer, black. Anti-reflective darklight lens made of optical polymer. Optical cut-off 40°.

Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.

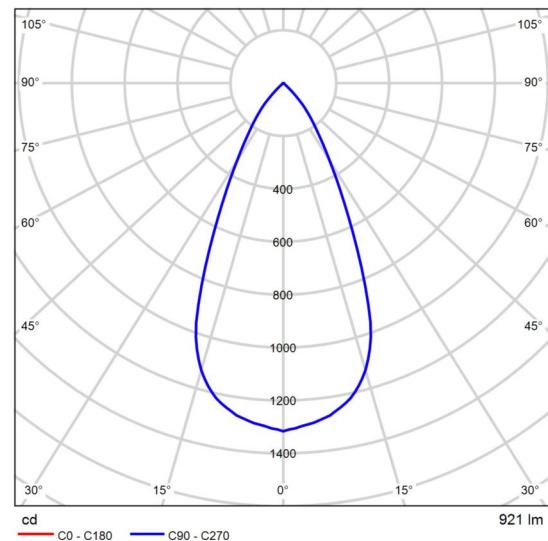
Available from 3rd quarter 2020

Technical data

Luminous flux of the luminaire 921lm

Connected load 20W

Luminaire efficacy 47lm/W



Polar LDC

Glare evaluation according to UGR

		Viewing direction at right angles to lamp axis										Viewing direction parallel to lamp axis									
		X	Y	70	70	50	50	30	30	70	70	50	50	30	30	70	70	50	50	30	30
ρ Ceiling		2H	16.9	17.7	17.2	17.9	18.1	16.9	17.7	17.2	17.9	18.1	16.9	17.7	17.2	17.9	18.0	17.7	17.2	17.9	18.0
ρ Walls		3H	16.8	17.5	17.1	17.7	18.0	16.8	17.5	17.1	17.7	18.0	16.8	17.5	17.1	17.7	18.0	17.7	17.2	17.8	18.0
ρ Floor		4H	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	17.6	17.2	17.8	17.9
		6H	16.6	17.3	17.0	17.5	17.8	16.6	17.3	17.0	17.5	17.8	16.6	17.3	17.0	17.5	17.8	17.5	17.2	17.8	17.8
		8H	16.6	17.2	16.9	17.5	17.8	16.6	17.2	16.9	17.5	17.8	16.6	17.2	16.9	17.5	17.8	17.5	17.2	17.8	17.8
		12H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	17.5	17.2	17.8	17.7
		2H	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	17.6	17.3	17.8	17.9
		3H	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	16.6	17.1	16.9	17.4	17.7	17.4	17.1	17.6	17.7
		4H	16.5	17.0	16.9	17.3	17.7	16.5	17.0	16.9	17.3	17.7	16.5	17.0	16.9	17.3	17.7	17.3	17.0	17.5	17.7
		6H	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6	17.2	16.9	17.4	17.6
		8H	16.3	16.8	16.8	17.1	17.5	16.3	16.8	16.8	17.1	17.5	16.3	16.8	16.8	17.1	17.5	17.1	16.7	17.3	17.5
		12H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		2H	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	16.7	17.4	17.0	17.6	17.9	17.6	17.3	17.8	17.9
		3H	16.6	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5	17.2	16.9	17.4	17.5
		4H	16.5	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	17.1	16.8	17.3	17.4
		6H	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6	16.4	16.8	16.8	17.2	17.6	17.2	16.9	17.4	17.6
		8H	16.3	16.8	16.8	17.1	17.5	16.3	16.8	16.8	17.1	17.5	16.3	16.8	16.8	17.1	17.5	17.1	16.7	17.3	17.5
		12H	16.3	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	17.1	16.9	17.3	17.4
		4H	16.3	16.8	16.8	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.3	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5	16.3	16.6	16.7	17.0	17.5	17.2	16.9	17.4	17.5
		8H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		4H	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	16.3	16.7	16.7	17.1	17.5	17.1	16.7	17.3	17.5
		6H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		8H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4	16.9	16.7	17.3	17.4
		12H	16.2	16.4	16.7	16.															

Product data sheet

ERCO Eclipse 48V Floodlight 1×LED 14.1W warm white

Colour deviation 1.5 SDCM

Colour rendition index CRI 97

Lumen maintenance (LED manufacturer specifications) L90/B10

<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Dimming range 0.1%-100%

Dimming method CCR

Energy efficiency class EEI A+

Standby power per control gear 0.30W

Length 107mm

Width 92mm

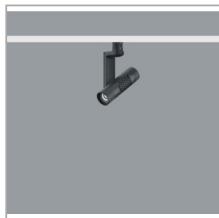
Height 258mm

Weight 1.12kg

CE, Protection Class III

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 2.0W warm white



Article No.	A0000361
P	3.0 W
$\Phi_{\text{Luminaire}}$	161 lm
Luminous efficacy	53.7 lm/W
CCT	2700 K
CRI	92

A0000361

ERCO Eclipse 48V Spotlight

Size XS

Black

LED 2.0W 205lm 2700K warm white

Casambi Bluetooth

Version 1

Darklight lens flood

Housing: Zinc die-cast, powder-coated; can be swivelled through 270° on the bracket. Upper cover made of polymer.

Bracket: polymer; can be rotated through 360° on the adapter.

Minirail adapter for ERCO Minirail 48V track: polymer, black.

ERCO control gear.

Add-on control unit: Casambi Bluetooth.

LED module: high-power LEDs. Collimating lens made of optical polymer.

Lens unit: polymer, black. Darklight lens made of optical polymer.

Optical cut-off 40°.

Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.

Available from 3rd quarter 2020

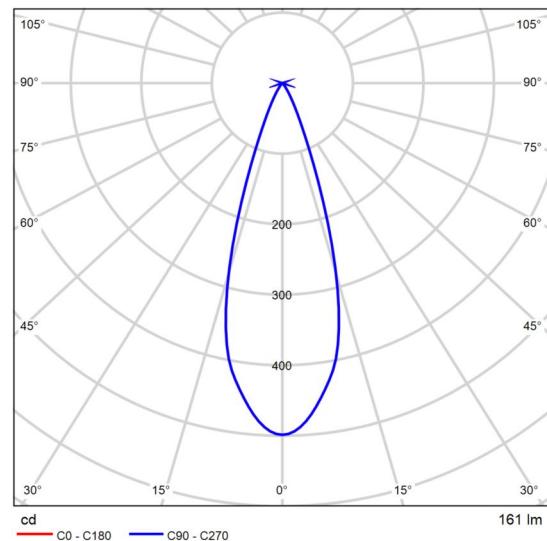
Technical data

Luminous flux of the luminaire 161lm

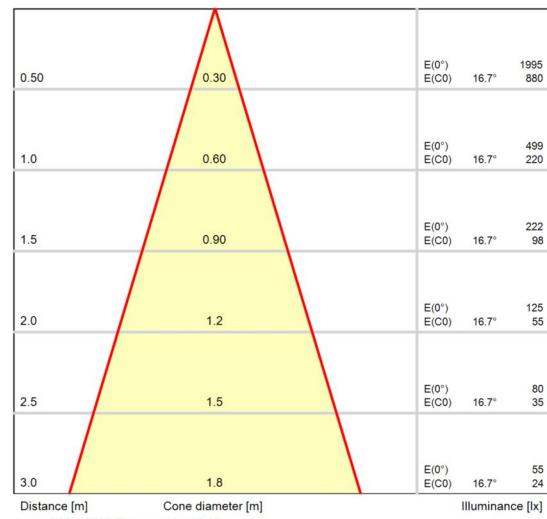
Connected load 3W

Luminaire efficacy 54lm/W

Colour deviation 1.5 SDCM



Polar LDC



Cone diagram

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 2.0W warm white

Colour rendition index CRI 92

Lumen maintenance (LED manufacturer specifications) L90/B10

<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Dimming range 0.1%-100%

Dimming method CCR

Energy efficiency class EEI A++

Standby power per control gear 0.30W

Length 44mm

Width 32mm

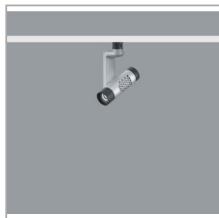
Height 144mm

Weight 0.21kg

CE, Protection Class III

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 2.0W warm white



Article No.	A0000560
P	3.0 W
$\Phi_{\text{Luminaire}}$	161 lm
Luminous efficacy	53.7 lm/W
CCT	2700 K
CRI	92

A0000560

ERCO Eclipse 48V Spotlight

Size XS

Silver

LED 2.0W 205lm 2700K warm white

On-board Dim

Version 1

Darklight lens flood

Housing: Zinc die-cast, powder-coated; can be swivelled through 270° on the bracket. Upper cover made of polymer, black.

Bracket: polymer coated; can be rotated through 360° on the adapter.

Minirail adapter for ERCO Minirail 48V track: polymer, black.

ERCO control gear.

Add-on control unit: On-board Dim (rotary control for brightness regulation).

LED module: high-power LEDs. Collimating lens made of optical polymer.

Lens unit: polymer, black. Darklight lens made of optical polymer.

Optical cut-off 40°.

Available from 3rd quarter 2020

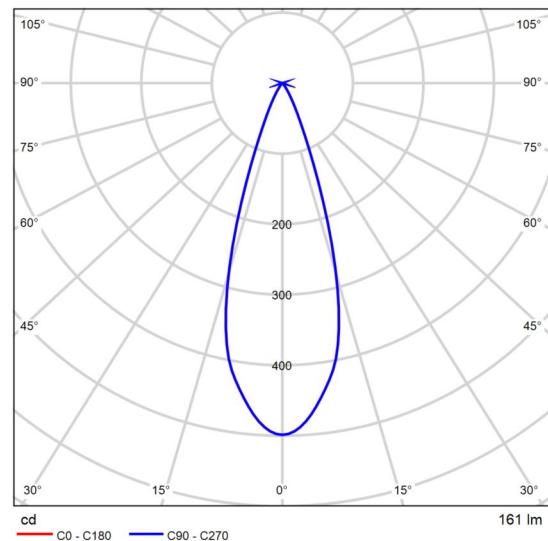
Technical data

Luminous flux of the luminaire 161lm

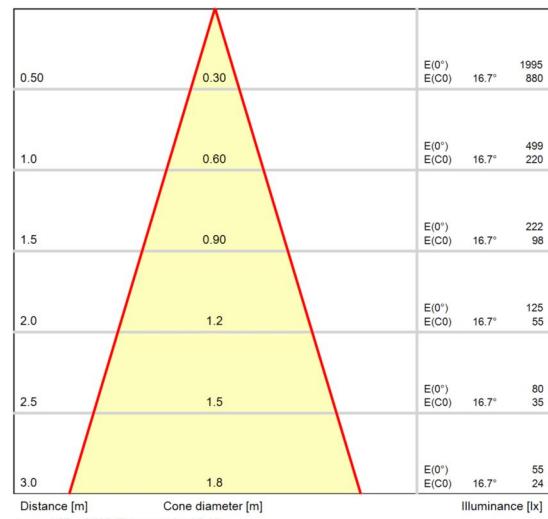
Connected load 3W

Luminaire efficacy 54lm/W

Colour deviation 1.5 SDCM



Polar LDC



Cone diagram

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 2.0W warm white

Colour rendition index CRI 92

Lumen maintenance (LED manufacturer specifications) L90/B10

<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Dimming range 0.1%-100%

Dimming method CCR

Energy efficiency class EEI A++

Standby power per control gear 0.30W

Length 44mm

Width 32mm

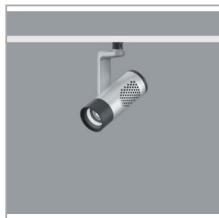
Height 144mm

Weight 0.21kg

CE, Protection Class III

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 8.0W warm white



Article No.	A0014431
P	9.0 W
$\Phi_{\text{Luminaire}}$	592 lm
Luminous efficacy	65.8 lm/W
CCT	2700 K
CRI	92

A0014431

ERCO Eclipse 48V Spotlight

Size S

Silver

LED 8.0W 818lm 2700K warm white

On-board Dim

Version 1

Darklight lens flood

Housing: cast aluminium, powder-coated; can be swivelled through 270° on the bracket. Upper cover made of polymer, black.

Bracket: cast aluminium/polymer, coated; can be rotated through 360° on the adapter.

Minirail adapter for ERCO Minirail 48V track: polymer, black.

ERCO control gear.

Add-on control unit: On-board Dim (rotary control for brightness regulation).

LED module: high-power LEDs. Collimating lens made of optical polymer.

Lens unit: polymer, black. Anti-reflective darklight lens made of optical polymer. Optical cut-off 40°.

Available from 3rd quarter 2020

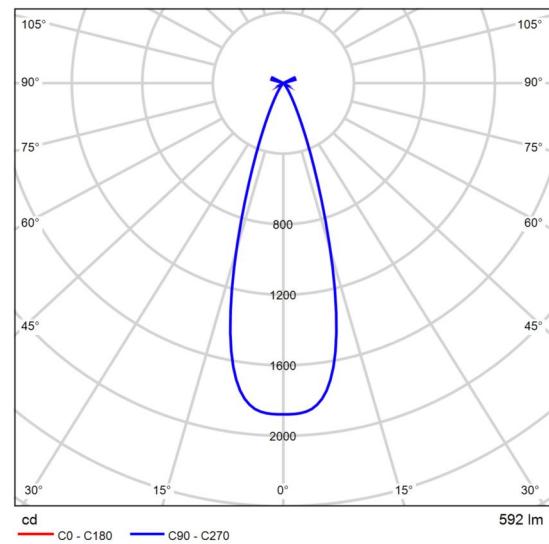
Technical data

Luminous flux of the luminaire 593lm

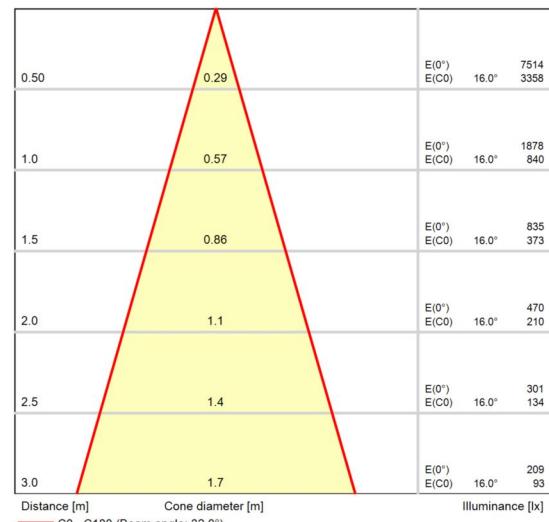
Connected load 9W

Luminaire efficacy 64lm/W

Colour deviation 1.5 SDCM



Polar LDC



Cone diagram

Product data sheet

ERCO Eclipse 48V Spotlight 1×LED 8.0W warm white

Colour rendition index CRI 92

Lumen maintenance (LED manufacturer specifications) L90/B10

<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Dimming range 0.1%-100%

Dimming method CCR

Energy efficiency class EEI A+

Standby power per control gear 0.30W

Length 74mm

Width 60mm

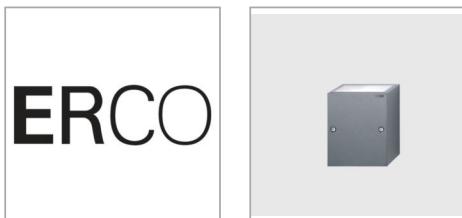
Height 206mm

Weight 0.47kg

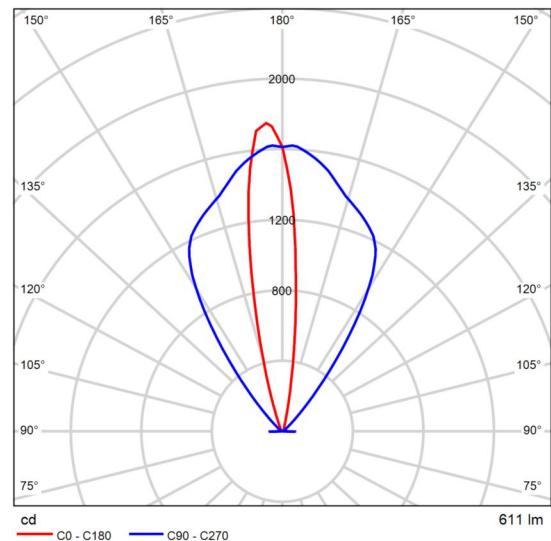
CE, Protection Class III

Product data sheet

ERCO Kubus Façade luminaire 1×LED 6W neutral white



Article No.	33535000
P	8.0 W
$\Phi_{\text{Luminaire}}$	611 lm
Luminous efficacy	76.4 lm/W
CCT	4000 K
CRI	82



Polar LDC

33535.000
 ERCO Kubus Façade luminaire
 Graphit m
 LED 6W 825lm 4000K neutral white
 Switchable
 Version 9
 Sculpture lens, oval flood
 Housing and wall plate: corrosion-resistant cast aluminium, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt.
 Control gear. 2 cable entries. Through-wiring possible. 3-pole terminal block.
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
 Non-reflective safety glass.
 Protection mode IP65: dust-proof and water jet-proof.
 Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.
 Technical data
 Luminous flux of the luminaire 612lm
 Connected load 8W
 Luminaire efficacy 75lm/W
 Colour deviation 1.5 SDCM
 Colour rendition index CRI 82
 Lumen maintenance (LED manufacturer specifications) L90/B10 <=50000h, L90 <=100000h

Product data sheet

ERCO Kubus Façade luminaire 1×LED 6W neutral white

LED failure rate 0.1% <=50000h
Energy efficiency class EEI A++
Luminaires per circuit breaker B16 up to 27
Temperature on the light aperture 35°C
Housing temperature 34°C
Length 90mm
Width 124mm
Height 150mm
Weight 1.50kg
ENEC10, VDE, EAC, CE, IP65, RCM

Product data sheet

ERCO Optec Spotlight 1×COB-LED 10W warm white



Article No.	66054000
P	12.0 W
$\Phi_{\text{Luminaire}}$	845 lm
Luminous efficacy	70.4 lm/W
CCT	2700 K
CRI	82

66054.000

ERCO Optec Spotlight
White (RAL9002)
COB-LED 10W 1510lm 2700K warm white

DALI-2

Version 2

Spherolit lens, spot

Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
Housing: polymer, rotatable on DALI adapter through 360°.

DALI control gear.

DALI adapter for ERCO DALI 220-240V track: polymer, white.

Technical data

Luminous flux of the luminaire 845lm

Connected load 12W

Luminaire efficacy 70lm/W

Colour deviation 3 SDCM

Colour rendition index CRI 82

Lumen maintenance (LED manufacturer specifications) L80/B50

<=50000h

Dimming range 1%-100%

Dimming method CCR

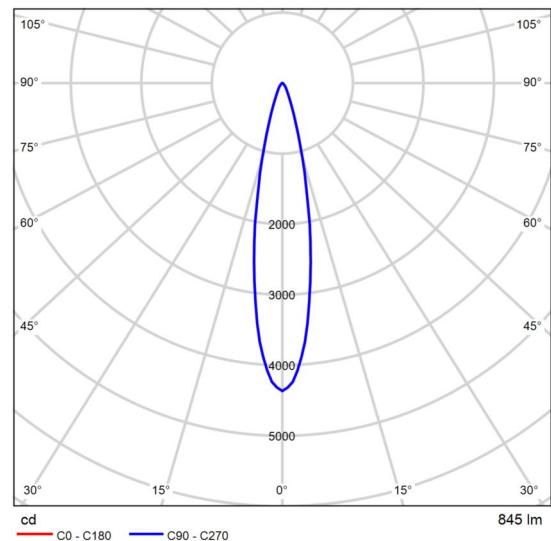
Energy efficiency class EEI A++

Standby power per control gear 0.20W

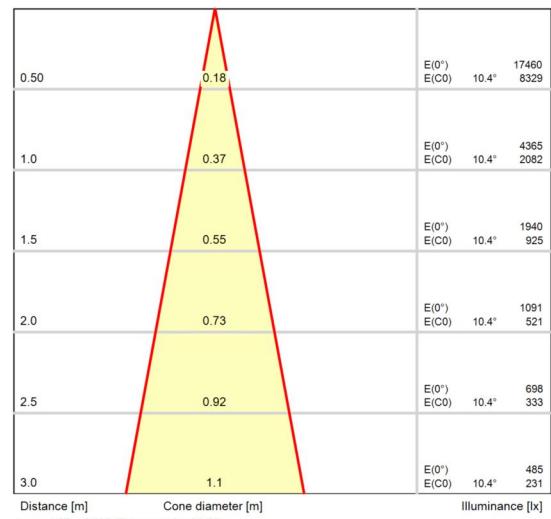
Luminaires per circuit breaker B16 up to 35

Length 135mm

Width 70mm



Polar LDC



Cone diagram

Product data sheet

ERCO Optec Spotlight 1×COB-LED 10W warm white

Height 170mm

Weight 0.71kg

ENEC10, VDE, EAC, CE, RCM

Product data sheet

ERCO Optec Spotlight 1×COB-LED 21W neutral white



Article No.	66994000
P	26.0 W
$\Phi_{\text{Luminaire}}$	1979 lm
Luminous efficacy	76.1 lm/W
CCT	4000 K
CRI	92

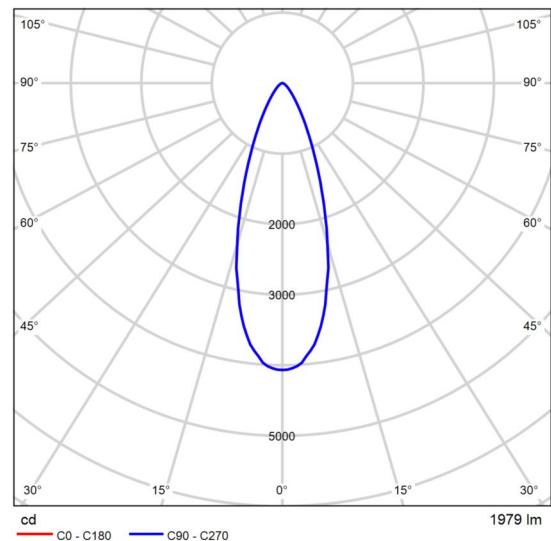
66994.000

ERCO Optec Spotlight
White (RAL9002)

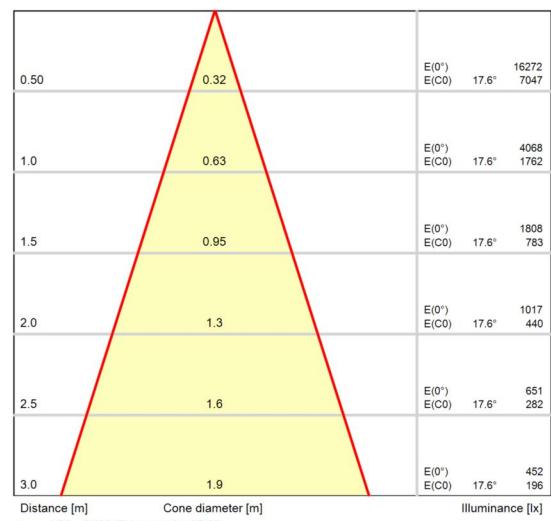
COB-LED 21W 2915lm 4000K neutral white
Switchable
Version 2
Spherolit lens, flood
Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
Housing: polymer, rotatable on 3-circuit adapter through 360°.
Control gear.
3-phase adapter for ERCO 220-240V track: polymer, white.

Technical data

Luminous flux of the luminaire 1980lm
Connected load 26W
Luminaire efficacy 76lm/W
Colour deviation 3 SDCM
Colour rendition index CRI 92
Lumen maintenance (LED manufacturer specifications) L80/B50
 $<=50000$ h
Energy efficiency class EEI A++
Luminaires per circuit breaker B16 up to 21
Length 159mm
Width 105mm
Height 176mm
Weight 0.87kg
ENEC10, VDE, EAC, CE, RCM



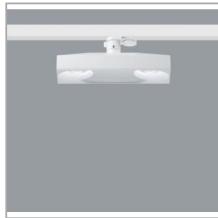
Polar LDC



Cone diagram

Product data sheet

ERCO Skim Downlight 1×LED 17W neutral white



Article No.	21565000
P	22.0 W
$\Phi_{\text{Luminaire}}$	1609 lm
Luminous efficacy	73.1 lm/W
CCT	4000 K
CRI	92

21565.000

ERCO Skim Downlight

White (RAL9002)

LED 17W 1850lm 4000K neutral white

DALI-2

Version 2

Lens system, wide flood

Housing: cast aluminium, powder-coated; rotatable on the adapter through 360°.

ERCO DALI control gear.

DALI adapter for ERCO DALI 220-240V track: polymer, white.

LED module: high-power LEDs on metal-core PCB. Lens system made of optical polymer.

Anti-glare cone: polymer, white (RAL9002). Optical cut-off 30°.

Technical data

Luminous flux of the luminaire 1610lm

Connected load 22W

Luminaire efficacy 73lm/W

Colour deviation 1.5 SDCM

Colour rendition index CRI 92

Lumen maintenance (LED manufacturer specifications) L90/B10

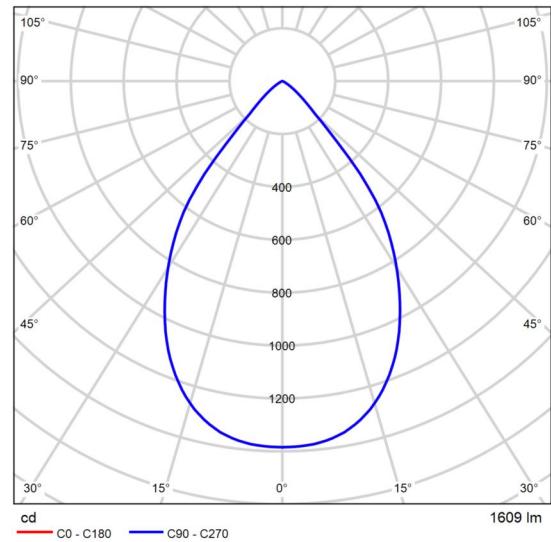
<=50000h, L90 <=100000h

LED failure rate 0.1% <=50000h

Dimming range 0.1%-100%

Dimming method CCR

Energy efficiency class EEI A+



Polar LDC

Glare evaluation according to UGR										
ρ Ceiling	70	70	50	50	30	70	70	50	50	30
ρ Walls	50	30	50	30	30	50	30	50	30	30
ρ Floor	20	20	20	20	20	20	20	20	20	20
X Y	Viewing direction at right angles to lamp axis									Viewing direction parallel to lamp axis
2H	17.5	18.4	17.8	18.6	18.8	17.5	18.4	17.8	18.6	18.8
3H	17.4	18.1	17.7	18.4	18.6	17.4	18.1	17.7	18.4	18.6
4H	17.3	18.0	17.6	18.3	18.5	17.3	18.0	17.6	18.3	18.5
6H	17.2	17.9	17.5	18.2	18.5	17.2	17.9	17.5	18.2	18.5
8H	17.2	17.8	17.5	18.1	18.4	17.2	17.8	17.5	18.1	18.4
12H	17.1	17.8	17.5	18.1	18.4	17.1	17.8	17.5	18.1	18.4
4H	17.3	18.0	17.6	18.3	18.6	17.3	18.0	17.6	18.3	18.6
3H	17.2	17.8	17.5	18.1	18.4	17.2	17.8	17.5	18.1	18.4
4H	17.1	17.6	17.5	18.0	18.3	17.1	17.6	17.5	18.0	18.3
6H	17.0	17.5	17.4	17.9	18.2	17.0	17.5	17.4	17.9	18.2
8H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
12H	16.9	17.3	17.4	17.7	18.2	16.9	17.3	17.4	17.7	18.2
8H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2
6H	16.9	17.2	17.3	17.7	18.1	16.9	17.2	17.3	17.7	18.1
8H	16.8	17.2	17.3	17.6	18.1	16.8	17.2	17.3	17.6	18.1
12H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0
12H	16.9	17.3	17.4	17.7	18.2	16.9	17.3	17.4	17.7	18.2
4H	16.9	17.3	17.4	17.7	18.2	16.9	17.3	17.4	17.7	18.2
6H	16.8	17.2	17.3	17.6	18.1	16.8	17.2	17.3	17.6	18.1
8H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0
Variation of the observer position for the luminaire distances S										
S = 1.0H	+3.3 / -7.6				+3.3 / -7.6					
S = 1.5H	+6.0 / -13.1				+6.0 / -13.1					
S = 2.0H	+8.0 / -16.9				+8.0 / -16.9					
Standard table	BK00				BK00					
Correction Summand	-1.1				-1.1					
Corrected glare indices referring to 1609lm Total luminous flux										

UGR diagram (SHR: 0.25)

Product data sheet

ERCO Skim Downlight 1×LED 17W neutral white

Standby power per control gear 0.40W

Luminaires per circuit breaker B16 up to 145

Length 265mm

Width 95mm

Height 96mm

Weight 0.75kg

ENEC10, VDE, EAC, CE, RCM