

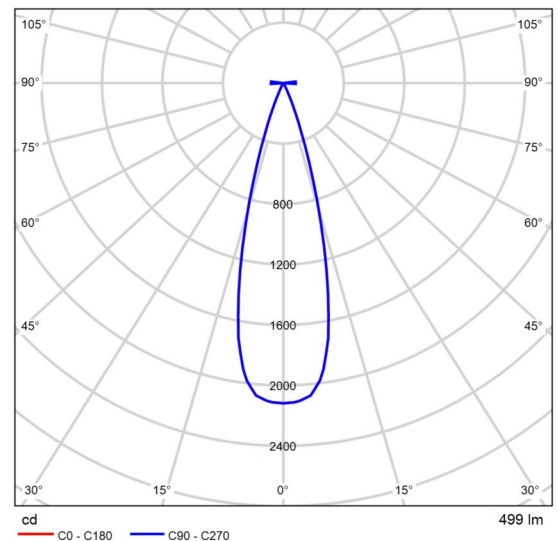
## Product data sheet

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

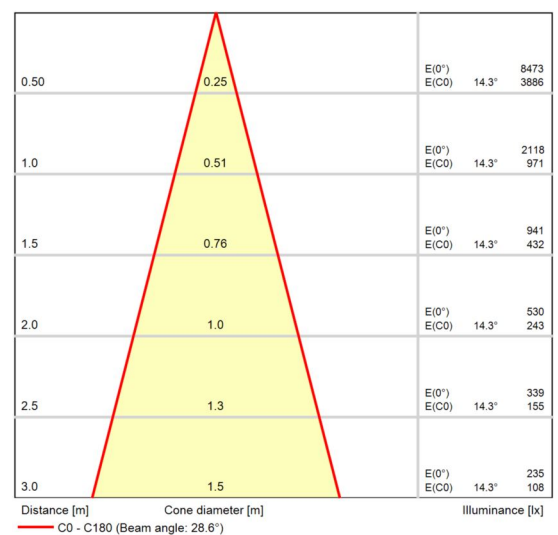


|                           |           |
|---------------------------|-----------|
| Article No.               | 44828000  |
| P                         | 8.0 W     |
| $\Phi_{\text{Luminaire}}$ | 499 lm    |
| Luminous efficacy         | 62.4 lm/W |
| CCT                       | 3063 K    |
| CRI                       | 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  
 <=50000h, L90 <=100000h



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

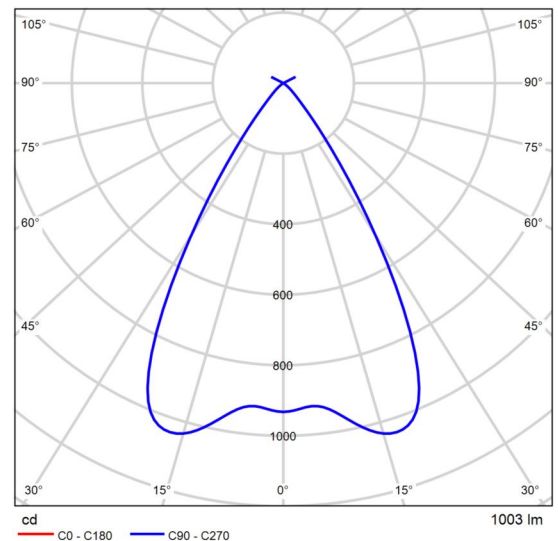
## Product data sheet

### 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 louver  
 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                                |     |   |      |      |      |      |  |      |      |      |      |  |
|--|-----|---|------|------|------|------|--|------|------|------|------|--|
| p Ceiling  |     | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |  |
| p Walls  |     | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |  |
| p Floor  |     | 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   |  |
| Room size  |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |  |
| X  | Y   |   |      |      |      |      |  |      |      |      |      |  |
| 2H   | 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 |  |
| 4H   | 12H | 17.3  | 17.8 | 17.6 | 18.1 | 18.4 | 17.3                                       | 17.8 | 17.6 | 18.1 | 18.4 |  |
|  | 2H  | 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   | 12H | 17.0  | 17.5 | 17.5 | 17.8 | 18.2 | 17.0                                       | 17.5 | 17.5 | 17.8 | 18.2 |  |
|  | 2H  | 17.0  | 17.4 | 17.4 | 17.8 | 18.2 | 17.0                                       | 17.4 | 17.4 | 17.8 | 18.2 |  |
|  | 4H  | 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  | 12H | 16.9  | 17.1 | 17.4 | 17.6 | 18.1 | 16.9                                       | 17.1 | 17.4 | 17.6 | 18.1 |  |
|  | 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  |      |      |      |      | BK00                                       |      |      |      |      |  |
| Correction Summand   |     | -1.1  |      |      |      |      | -1.1                                       |      |      |      |      |  |
| 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

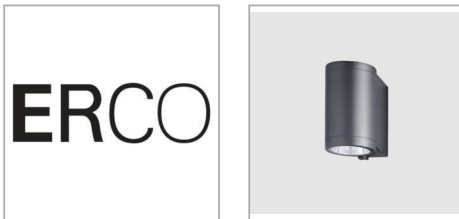
Height 95mm

Weight 0.88kg

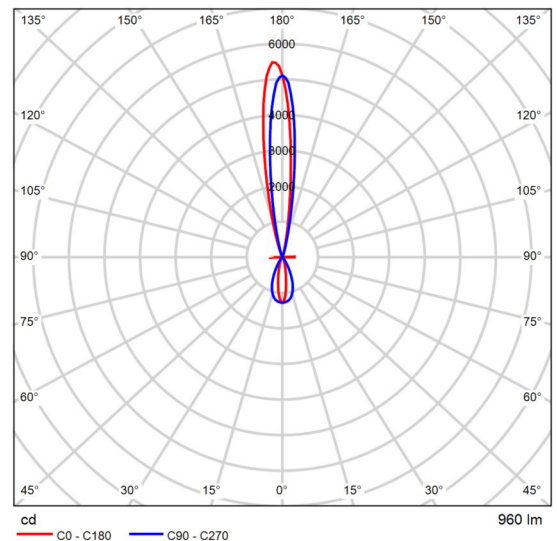
ENEC10, VDE, CE, RCM

## 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    |
| Φ <sub>Luminaire</sub> | 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.

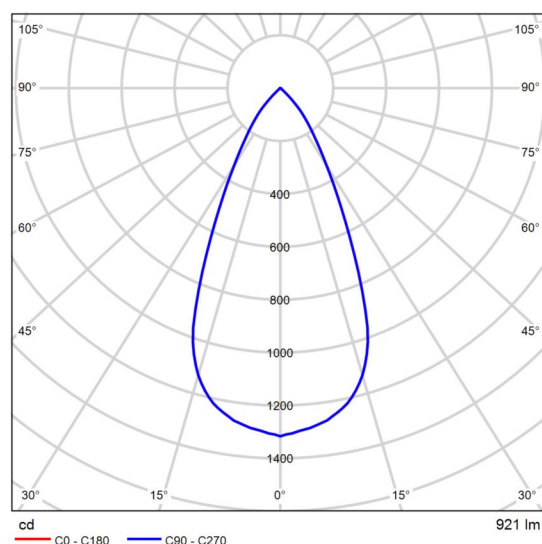
Available from 3rd quarter 2020

Technical data

Luminous flux of the luminaire 921lm

Connected load 20W

Luminaire efficacy 47lm/W



Polar LDC

| Glare evaluation according to UGR                              |  |   |      |      |      |      |  |      |      |      |      |    |
|--|--|---|------|------|------|------|--|------|------|------|------|----|
| p Ceiling  |  | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |    |
| p Walls  |  | 50  | 30   | 50   |      | 30   | 30   | 50   | 30   | 50   | 30   | 30 |
| p Floor  |  | 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20 |
| Room size<br>X      Y  |  | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |    |
| 2H   | 2H   | 16.9  | 17.7 | 17.2 | 17.9 | 18.1 | 16.9                                       | 17.7 | 17.2 | 17.9 | 18.1 |    |
|  | 3H   | 16.8  | 17.5 | 17.1 | 17.7 | 18.0 | 16.8                                       | 17.5 | 17.1 | 17.7 | 18.0 |    |
|  | 4H   | 16.7  | 17.4 | 17.0 | 17.6 | 17.9 | 16.7                                       | 17.4 | 17.0 | 17.6 | 17.9 |    |
|  | 6H   | 16.6  | 17.3 | 17.0 | 17.5 | 17.8 | 16.6                                       | 17.3 | 17.0 | 17.5 | 17.8 |    |
|  | 8H   | 16.6  | 17.2 | 16.9 | 17.5 | 17.8 | 16.6                                       | 17.2 | 16.9 | 17.5 | 17.8 |    |
| 4H   | 12H  | 16.6  | 17.1 | 16.9 | 17.4 | 17.7 | 16.6                                       | 17.1 | 16.9 | 17.4 | 17.7 |    |
|  | 2H   | 16.7  | 17.4 | 17.0 | 17.6 | 17.9 | 16.7                                       | 17.4 | 17.0 | 17.6 | 17.9 |    |
|  | 3H   | 16.6  | 17.1 | 16.9 | 17.4 | 17.7 | 16.6                                       | 17.1 | 16.9 | 17.4 | 17.7 |    |
|  | 4H   | 16.5  | 17.0 | 16.9 | 17.3 | 17.7 | 16.5                                       | 17.0 | 16.9 | 17.3 | 17.7 |    |
|  | 6H   | 16.4  | 16.8 | 16.8 | 17.2 | 17.6 | 16.4                                       | 16.8 | 16.8 | 17.2 | 17.6 |    |
| 8H   | 8H   | 16.3  | 16.8 | 16.8 | 17.1 | 17.5 | 16.3                                       | 16.8 | 16.8 | 17.1 | 17.5 |    |
|  | 12H  | 16.3  | 16.7 | 16.7 | 17.1 | 17.5 | 16.3                                       | 16.7 | 16.7 | 17.1 | 17.5 |    |
|  | 4H   | 16.3  | 16.8 | 16.8 | 17.1 | 17.5 | 16.3                                       | 16.8 | 16.8 | 17.1 | 17.5 |    |
|  | 6H   | 16.3  | 16.6 | 16.7 | 17.0 | 17.5 | 16.3                                       | 16.6 | 16.7 | 17.0 | 17.5 |    |
|  | 8H   | 16.2  | 16.5 | 16.7 | 16.9 | 17.4 | 16.2                                       | 16.5 | 16.7 | 16.9 | 17.4 |    |
| 12H  | 12H  | 16.2  | 16.4 | 16.7 | 16.9 | 17.4 | 16.2                                       | 16.4 | 16.7 | 16.9 | 17.4 |    |
|  | 4H   | 16.3  | 16.7 | 16.7 | 17.1 | 17.5 | 16.3                                       | 16.7 | 16.7 | 17.1 | 17.5 |    |
|  | 6H   | 16.2  | 16.5 | 16.7 | 16.9 | 17.4 | 16.2                                       | 16.5 | 16.7 | 16.9 | 17.4 |    |
|  | 8H   | 16.2  | 16.4 | 16.7 | 16.9 | 17.4 | 16.2                                       | 16.4 | 16.7 | 16.9 | 17.4 |    |
|  | Variation of the observer position for the luminaire distances S |   |      |      |      |      |  |      |      |      |      |    |
| S = 1.0H   |  | +4.3 / -27.8                                      |      |      |      |      | +4.3 / -27.8                               |      |      |      |      |    |
| S = 1.5H   |  | +7.0 / -36.4                                      |      |      |      |      | +7.0 / -36.4                               |      |      |      |      |    |
| S = 2.0H   |  | +9.0 / -39.8                                      |      |      |      |      | +9.0 / -39.8                               |      |      |      |      |    |
| Standard table   |  | BK00  |      |      |      |      | BK00                                       |      |      |      |      |    |
| Correction Summand   |  | -1.7  |      |      |      |      | -1.7                                       |      |      |      |      |    |
| Corrected glare indices referring to 921lm Total luminous flux |  |   |      |      |      |      |  |      |      |      |      |    |

UGR diagram (SHR: 0.25)

## 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



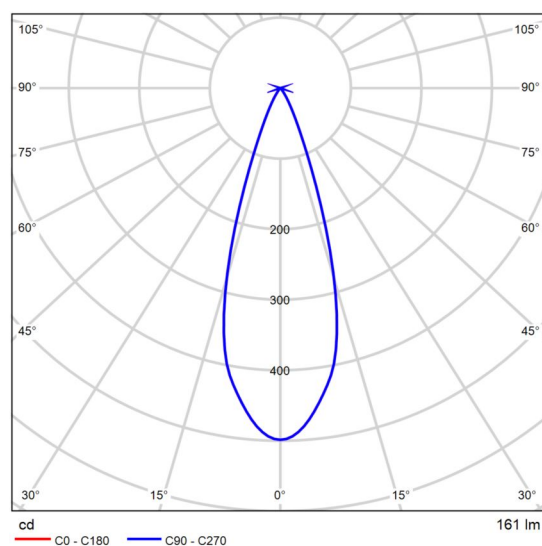
## Product data sheet

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

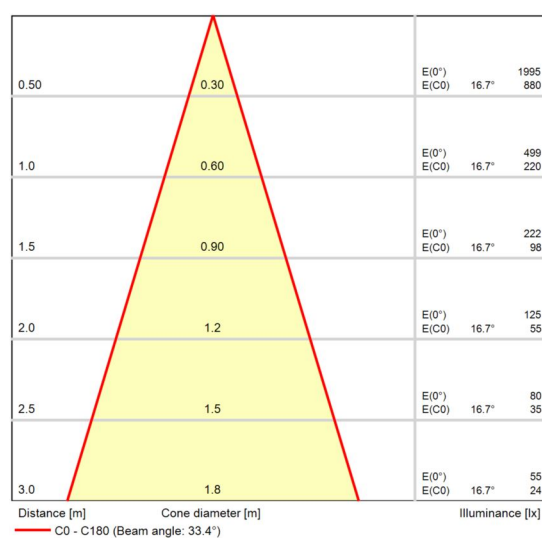


|                           |           |
|---------------------------|-----------|
| Article No.               | A0000361  |
| P                         | 3.0 W     |
| $\Phi_{\text{Luminaire}}$ | 161 lm    |
| Luminous efficacy         | 53.7 lm/W |
| CCT                       | 2700 K    |
| CRI 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

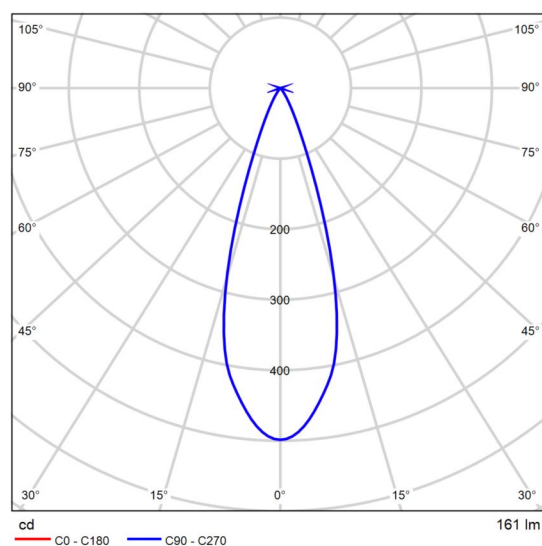
Technical data

Luminous flux of the luminaire 161lm

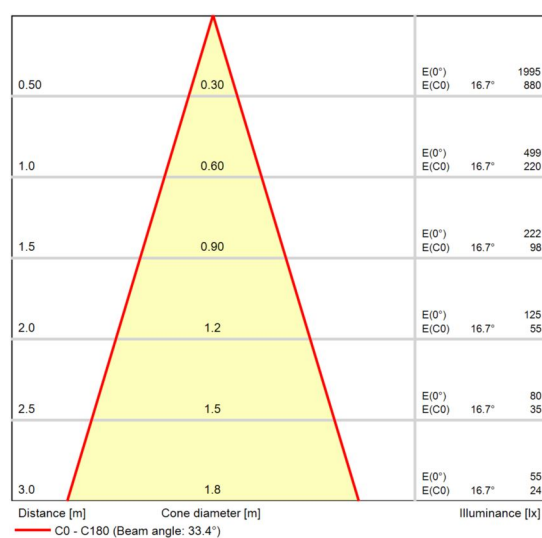
Connected load 3W

Luminaire efficacy 54lm/W

Colour deviation 1.5 SDCM



Polar LDC



Cone diagram

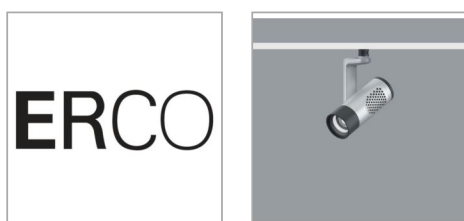
## Product data sheet

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

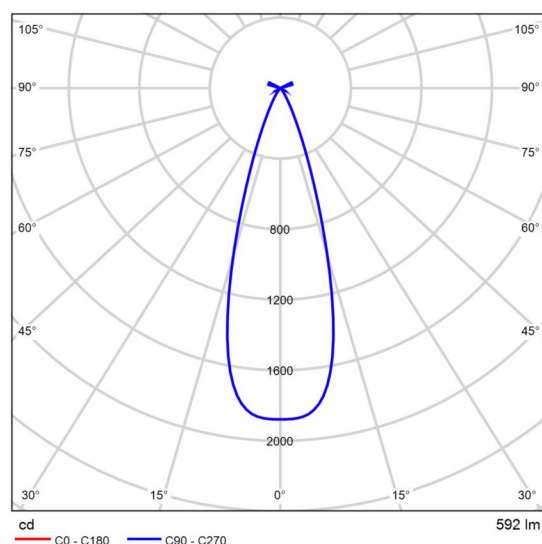
Colour rendition index CRI 92  
Lumen maintenance (LED manufacturer specifications) L90/B10  
≤50000h, L90 ≤100000h  
LED failure rate 0.1% ≤50000h  
Dimming range 0.1%-100%  
Dimming method CCR  
Energy efficiency class EEI A++  
Standby power per control gear 0.30W  
Length 44mm  
Width 32mm  
Height 144mm  
Weight 0.21kg  
CE, Protection Class III

## Product data sheet

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

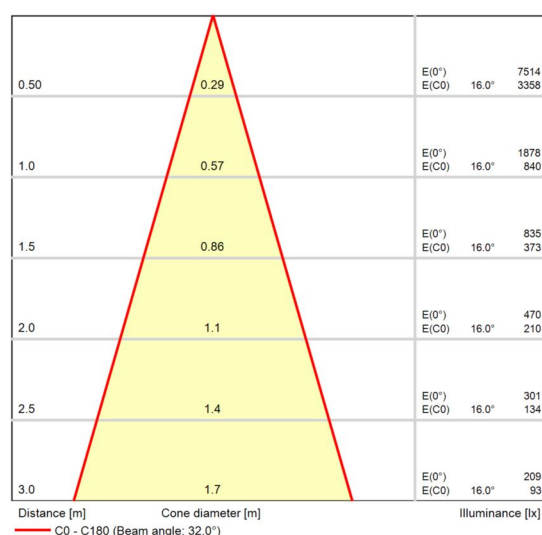


|                        |           |
|------------------------|-----------|
| Article No.            | A0014431  |
| P                      | 9.0 W     |
| Φ <sub>Luminaire</sub> | 592 lm    |
| Luminous efficacy      | 65.8 lm/W |
| CCT                    | 2700 K    |
| CRI                    | 92        |



Polar LDC

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



Cone diagram

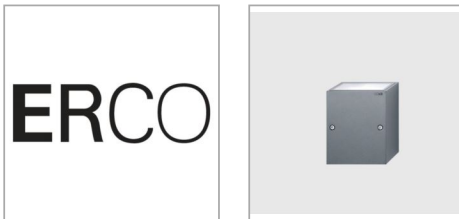
## Product data sheet

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

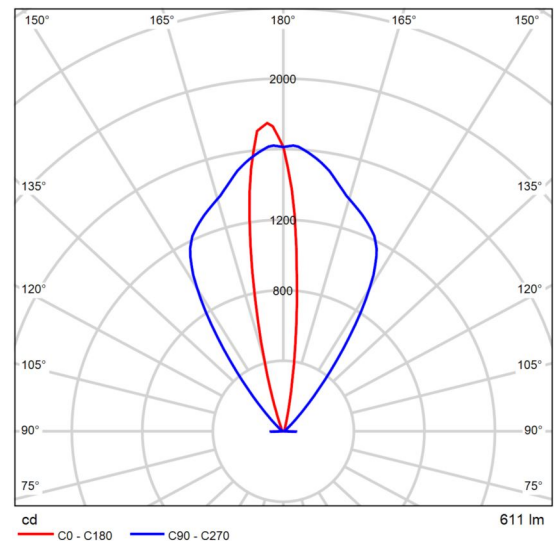
Colour rendition index CRI 92  
Lumen maintenance (LED manufacturer specifications) L90/B10  
≤50000h, L90 ≤100000h  
LED failure rate 0.1% ≤50000h  
Dimming range 0.1%-100%  
Dimming method CCR  
Energy efficiency class EEI A+  
Standby power per control gear 0.30W  
Length 74mm  
Width 60mm  
Height 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

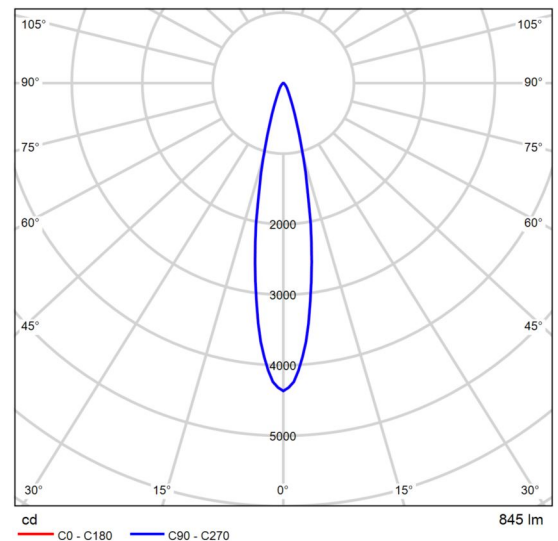


## Product data sheet

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

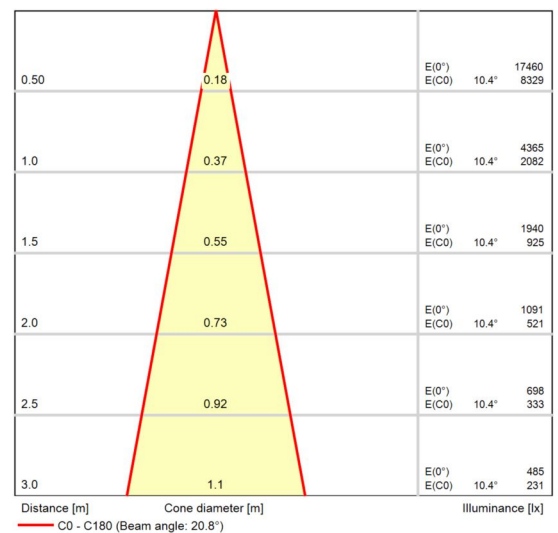


|                           |           |
|---------------------------|-----------|
| Article No.               | 66054000  |
| P                         | 12.0 W    |
| $\Phi_{\text{Luminaire}}$ | 845 lm    |
| Luminous efficacy         | 70.4 lm/W |
| CCT                       | 2700 K    |
| CRI 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



Polar LDC

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



Cone diagram

## Product data sheet

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

Height 170mm  
Weight 0.71kg  
ENEC10, VDE, EAC, CE, RCM

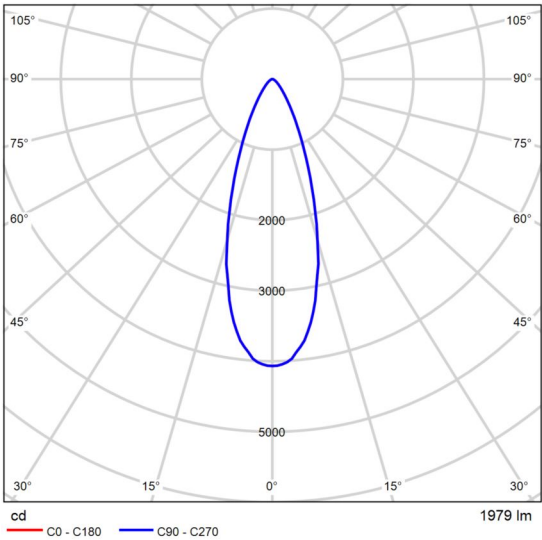
Product data sheet

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

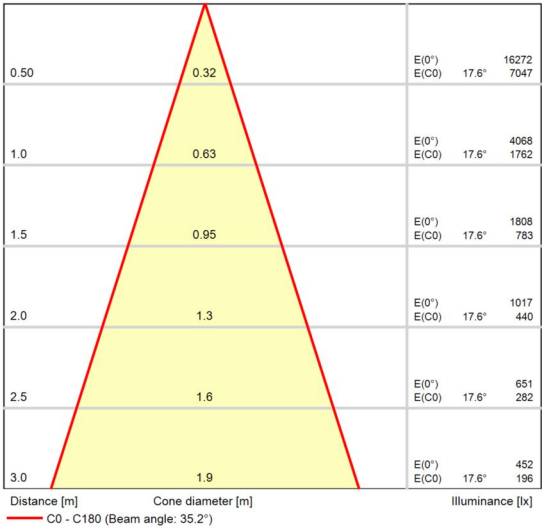


|                        |           |
|------------------------|-----------|
| Article No.            | 66994000  |
| P                      | 26.0 W    |
| Φ <sub>Luminaire</sub> | 1979 lm   |
| Luminous efficacy      | 76.1 lm/W |
| CCT                    | 4000 K    |
| CRI                    | 92        |

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  
<=50000h  
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



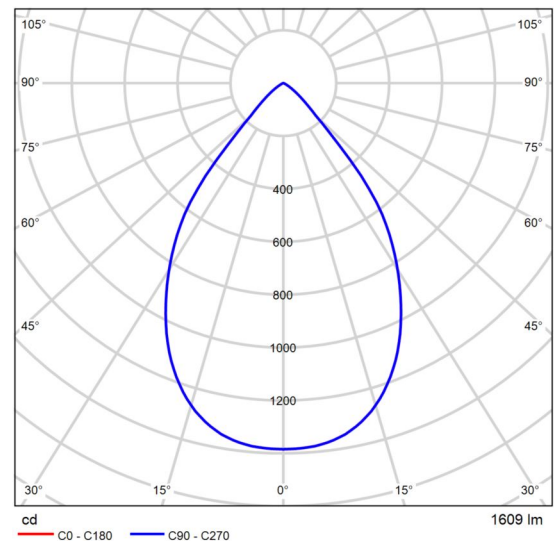
Cone diagram

## Product data sheet

ERCO Skim Downlight 1×LED 17W neutral white



|                        |           |
|------------------------|-----------|
| Article No.            | 21565000  |
| P                      | 22.0 W    |
| Φ <sub>Luminaire</sub> | 1609 lm   |
| Luminous efficacy      | 73.1 lm/W |
| CCT                    | 4000 K    |
| CRI                    | 92        |



Polar LDC

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+

| Glare evaluation according to UGR                                |     |   |      |      |      |      |  |      |      |      |      |  |
|--|-----|---|------|------|------|------|--|------|------|------|------|--|
| p Ceiling  |     | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |  |
| p Walls  |     | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |  |
| p Floor  |     | 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   |  |
| Room size  |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |  |
| X  | Y   |   |      |      |      |      |  |      |      |      |      |  |
| 2H   | 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 |  |
| 4H   | 12H | 17.1  | 17.8 | 17.5 | 18.1 | 18.4 | 17.1                                       | 17.8 | 17.5 | 18.1 | 18.4 |  |
|  | 2H  | 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   | 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 |  |
|  | 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 | 17.3 | 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  | 12H | 16.8  | 17.1 | 17.3 | 17.5 | 18.0 | 16.8                                       | 17.1 | 17.3 | 17.5 | 18.0 |  |
|  | 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 |  |
|  | 12H | 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