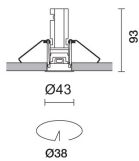
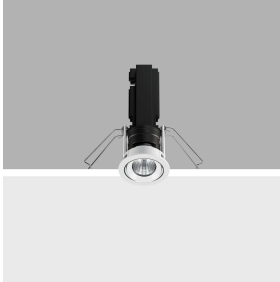


Last information update: October 2024

Product configuration: QY56.01

QY56.01: Adjustable (tilting) round recessed luminaire - LED - Comfort - Medium - White

**Product code**

QY56.01: Adjustable (tilting) round recessed luminaire - LED - Comfort - Medium - White

Technical description

Round recessed luminaire with contact frame. Adjustable version with max 30° tilting movement. The main adjustable die-cast aluminium body includes a radiant surface that guarantees optimal heat dissipation. Metallised, thermoplastic, high definition reflector - medium optic (24°). Structure featuring a die-cast aluminium external contact frame with a white finish only. Steel technical rotation parts. The ring inside the adjustable body is made of thermoplastic and is available in a range of painted and metallised finishes. Safety glass screen included. Quick, easy, tool-free assembly. 2700K high colour rendering index LED lamp. The power supply unit is available with a separate item code.

Installation

With steel wire anti-fall springs for recessed installation in false ceilings - minimum thickness of false ceiling 1 mm - preparation hole Ø 38 mm

Colour

White (01)

Weight (Kg)

0.14

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts available with separate item codes: ON-OFF / 1-10V dimmable / DALI dimmable / Phase Cut dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

To reduce the effect of glare caused by the internal wall of the recessed fitting being rotated, a snap-on black accessory is available. A wide range of decorative accessories and diffusers is also available.

Complies with EN60598-1 and pertinent regulations



IP20

IP23

On the visible part of the product once installed

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 384 | CRI (minimum): | 90 |
| W system: | 6.7 | Colour temperature [K]: | 2700 |
| lm source: | 650 | MacAdam Step: | 2 |
| W source: | 6.7 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 57.2 | Lamp code: | LED |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 59 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 26° | LED current [mA]: | 550 |

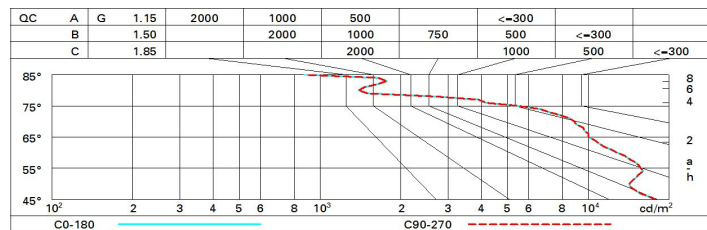
Polar

| | | | | | | | | |
|---------------------------|--|-----|-----|------|------------|---|----|------|
| Imax=1639 cd α=26° | CIE nL 0.59 99-100-100-100-59 UGR 11.1-11.1 DIN A.61 UTE 0.59A+0.00T F*1=987 F*1+F*2=996 F*1+F*2+F*3=1000 | | | | Lux | | | |
| | h | d | Em | Emax | h | d | Em | Emax |
| | 2 | 0.9 | 323 | 410 | | | | |
| | 4 | 1.8 | 81 | 102 | | | | |
| | 6 | 2.8 | 36 | 46 | | | | |
| | 8 | 3.7 | 20 | 26 | | | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 53 | 50 | 48 | 47 | 50 | 48 | 48 | 46 | 78 |
| 1.0 | 55 | 53 | 51 | 50 | 52 | 51 | 50 | 48 | 82 |
| 1.5 | 58 | 56 | 55 | 54 | 56 | 54 | 54 | 52 | 88 |
| 2.0 | 60 | 59 | 58 | 57 | 58 | 57 | 56 | 55 | 92 |
| 2.5 | 61 | 60 | 59 | 59 | 59 | 58 | 58 | 56 | 95 |
| 3.0 | 62 | 61 | 61 | 60 | 60 | 60 | 59 | 57 | 97 |
| 4.0 | 63 | 62 | 62 | 61 | 61 | 61 | 60 | 58 | 99 |
| 5.0 | 63 | 63 | 62 | 62 | 62 | 61 | 60 | 59 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 650 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|-----|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 10.4 | 12.5 | 10.7 | 12.8 | 13.2 | 10.4 | 12.5 | 10.7 | 12.8 | 13.2 |
| | 3H | 10.9 | 12.6 | 11.3 | 12.9 | 13.3 | 10.6 | 12.2 | 10.9 | 12.6 | 12.9 |
| | 4H | 11.1 | 12.5 | 11.5 | 12.8 | 13.1 | 10.6 | 12.0 | 11.0 | 12.3 | 12.7 |
| | 6H | 11.1 | 12.1 | 11.5 | 12.5 | 12.8 | 10.7 | 11.7 | 11.0 | 12.0 | 12.4 |
| | 8H | 11.0 | 12.1 | 11.4 | 12.4 | 12.8 | 10.6 | 11.7 | 11.0 | 12.0 | 12.4 |
| | 12H | 11.0 | 12.0 | 11.4 | 12.4 | 12.7 | 10.6 | 11.6 | 11.0 | 11.9 | 12.3 |
| 4H | 2H | 10.6 | 12.0 | 11.0 | 12.3 | 12.7 | 11.1 | 12.5 | 11.5 | 12.8 | 13.1 |
| | 3H | 11.4 | 12.4 | 11.8 | 12.8 | 13.1 | 11.4 | 12.5 | 11.8 | 12.8 | 13.2 |
| | 4H | 11.5 | 12.5 | 11.9 | 12.9 | 13.3 | 11.5 | 12.5 | 11.9 | 12.9 | 13.3 |
| | 6H | 11.2 | 12.9 | 11.7 | 13.3 | 13.8 | 11.3 | 12.9 | 11.7 | 13.4 | 13.9 |
| | 8H | 11.1 | 13.0 | 11.6 | 13.4 | 13.9 | 11.1 | 13.0 | 11.6 | 13.5 | 14.0 |
| | 12H | 11.0 | 12.9 | 11.5 | 13.4 | 13.9 | 11.0 | 13.0 | 11.5 | 13.5 | 14.0 |
| 8H | 4H | 11.1 | 13.0 | 11.6 | 13.5 | 14.0 | 11.1 | 13.0 | 11.6 | 13.4 | 13.9 |
| | 6H | 11.1 | 12.9 | 11.6 | 13.4 | 13.9 | 11.1 | 12.9 | 11.6 | 13.4 | 13.9 |
| | 8H | 11.0 | 12.7 | 11.6 | 13.2 | 13.7 | 11.0 | 12.7 | 11.6 | 13.2 | 13.7 |
| | 12H | 11.2 | 12.3 | 11.7 | 12.8 | 13.3 | 11.2 | 12.3 | 11.7 | 12.8 | 13.3 |
| 12H | 4H | 11.0 | 13.0 | 11.5 | 13.5 | 14.0 | 11.0 | 12.9 | 11.5 | 13.4 | 13.9 |
| | 6H | 11.0 | 12.7 | 11.6 | 13.2 | 13.7 | 11.0 | 12.7 | 11.6 | 13.2 | 13.7 |
| | 8H | 11.2 | 12.3 | 11.7 | 12.8 | 13.3 | 11.2 | 12.3 | 11.7 | 12.8 | 13.3 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | | 1.0H | | | | | 1.8 / -0.8 | | | | |
| | | 1.5H | | | | | 3.5 / -1.9 | | | | |
| | | 2.0H | | | | | 5.1 / -2.5 | | | | |

Last information update: October 2024

Product configuration: QA66.01

QA66.01: Adjustable round recessed luminaire - Minimal - spot - Super Comfort - White

**Product code**

QA66.01: Adjustable round recessed luminaire - Minimal - spot - Super Comfort - White

Technical description

Minimal round recessed luminaire (frameless). Adjustable version that rotates internally by 355° and tilts by a maximum of 30°. The swivel unit rotates in a set back position in relation to the surface of the ceiling in order to guarantee precise, comfortable light diffusion and reduce direct glare significantly. The swivel unit body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - spot optic. Die-cast aluminium structure for flush with ceiling installation - a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. Steel rotating parts. The rings inside the recessed body and the swivel unit are made of thermoplastic available in a range of painted and metallised finishes. Safety glass included LED lamp with high color rendering index. Power unit available with a separate code no.

Installation

The luminaire is recessed in the adapter (QC68) by means of an anti-fall steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. A special steel spring required to extract the main body of the adapter after it has been installed is included in the package.

Colour
White (01)

Weight (Kg)
0.11

Mounting
ceiling recessed

Wiring
Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available (due to the shape of the recess only the accessories for the Ø59 recess can be used).

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---|---------------------------------|
| Im system: | 568 | CRI (minimum): | 90 |
| W system: | 6.8 | Colour temperature [K]: | 3000 |
| Im source: | 800 | MacAdam Step: | 2 |
| W source: | 6.8 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 83.5 | Lamp code: | LED |
| Im in emergency mode: | - | Number of lamps for optical 1 assembly: | |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 71 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 14° | LED current [mA]: | 200 |

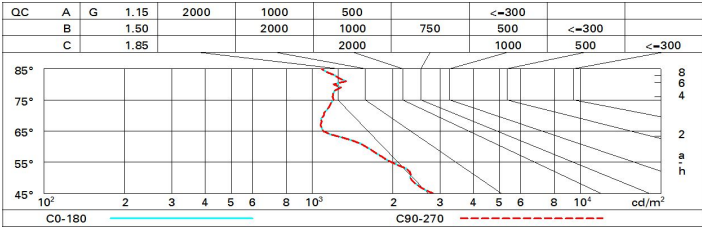
Polar

| Imax=4385 cd | | Lux | | | |
|--------------|-----|-----|------|--|--|
| h | d | Em | Emax | | |
| 2 | 0.5 | 883 | 1096 | | |
| 4 | 1 | 221 | 274 | | |
| 6 | 1.5 | 98 | 122 | | |
| 8 | 2 | 55 | 69 | | |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 64 | 60 | 58 | 56 | 60 | 57 | 57 | 55 | 77 |
| 1.0 | 66 | 63 | 61 | 59 | 63 | 61 | 60 | 58 | 82 |
| 1.5 | 70 | 68 | 66 | 64 | 67 | 65 | 64 | 62 | 88 |
| 2.0 | 72 | 70 | 69 | 68 | 69 | 68 | 67 | 65 | 92 |
| 2.5 | 73 | 72 | 71 | 70 | 71 | 70 | 69 | 67 | 95 |
| 3.0 | 74 | 73 | 73 | 72 | 72 | 72 | 71 | 69 | 97 |
| 4.0 | 75 | 75 | 74 | 74 | 73 | 73 | 72 | 70 | 99 |
| 5.0 | 76 | 75 | 75 | 75 | 74 | 74 | 73 | 71 | 100 |

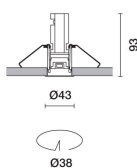
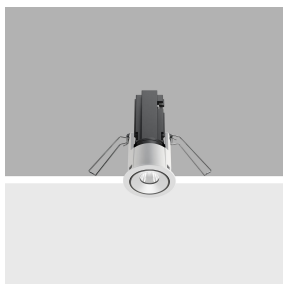
Luminance curve limit



Last information update: November 2024

Product configuration: QY52

QY52: Fixed round recessed luminaire - LED - medium - Super Comfort

**Product code**

QY52: Fixed round recessed luminaire - LED - medium - Super Comfort

Technical description

Round recessed luminaire with contact frame. Super Comfort fixed version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main die-cast aluminium body includes a radiant surface that guarantees optimal heat dissipation. Metallised, thermoplastic, high definition reflector - medium optic (25°). Structure featuring a die-cast aluminium external contact frame with a white finish only. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass screen included. Quick, easy, tool-free assembly. 3000K high colour rendering index LED lamp. The power supply unit is available with a separate item code.

Installation

With steel wire anti-fall springs for recessed installation in false ceilings - minimum thickness of false ceiling 1 mm - preparation hole Ø 38 mm

Colour

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)* | White / Chrome (E4)* | White / burnished chrome (E7)* | White / gold satin-finish (E9)*

* Colours on request

Weight (Kg)

0.14

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts available with separate item codes: ON-OFF / 1-10V dimmable / DALI dimmable / Phase Cut dimmable.

Notes

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations



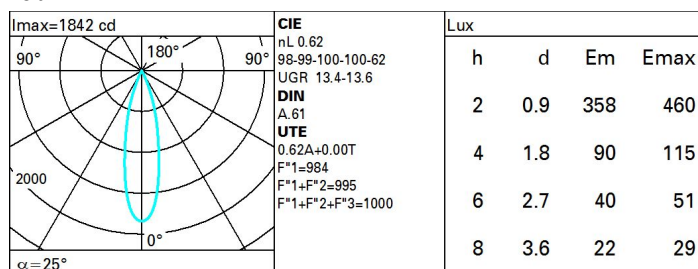
IP20

IP43

On the visible part of the product once installed

**Technical data**

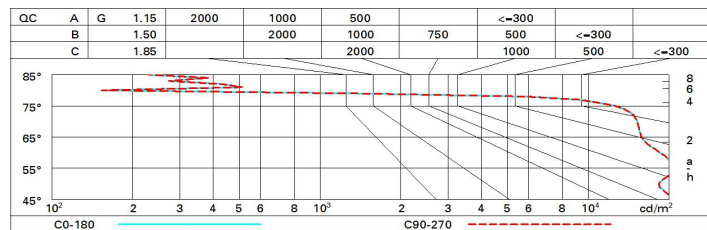
| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 422 | CRI (minimum): | 90 |
| W system: | 6.7 | Colour temperature [K]: | 3000 |
| Im source: | 680 | MacAdam Step: | 2 |
| W source: | 6.7 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 62.9 | Lamp code: | LED |
| Im in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 62 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 26° | LED current [mA]: | 550 |

Polar

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 56 | 53 | 51 | 49 | 52 | 50 | 50 | 48 | 77 |
| 1.0 | 58 | 55 | 53 | 52 | 55 | 53 | 53 | 51 | 82 |
| 1.5 | 61 | 59 | 57 | 56 | 58 | 57 | 56 | 54 | 88 |
| 2.0 | 63 | 62 | 60 | 59 | 61 | 60 | 59 | 57 | 92 |
| 2.5 | 64 | 63 | 62 | 61 | 62 | 61 | 61 | 59 | 95 |
| 3.0 | 65 | 64 | 64 | 63 | 63 | 63 | 62 | 60 | 97 |
| 4.0 | 66 | 65 | 65 | 64 | 64 | 64 | 63 | 61 | 99 |
| 5.0 | 66 | 66 | 65 | 65 | 65 | 64 | 63 | 62 | 100 |

Luminance curve limit



UGR diagram

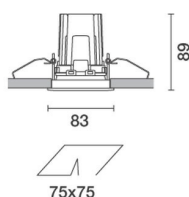
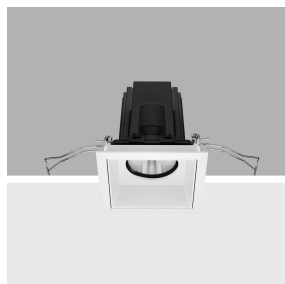
| Corrected UGR values (at 680 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceiling walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| 2H | 2H | 11.8 | 13.9 | 12.1 | 14.2 | 14.5 | 11.8 | 13.9 | 12.1 | 14.2 | 14.5 |
| | 3H | 12.7 | 14.4 | 13.1 | 14.7 | 15.1 | 12.1 | 13.7 | 12.4 | 14.1 | 14.4 |
| | 4H | 13.1 | 14.5 | 13.5 | 14.8 | 15.2 | 12.2 | 13.6 | 12.6 | 13.9 | 14.2 |
| | 6H | 13.2 | 14.2 | 13.6 | 14.6 | 14.9 | 12.3 | 13.3 | 12.6 | 13.6 | 14.0 |
| | 8H | 13.2 | 14.2 | 13.5 | 14.5 | 14.9 | 12.2 | 13.3 | 12.6 | 13.6 | 14.0 |
| | 12H | 13.1 | 14.1 | 13.5 | 14.5 | 14.8 | 12.2 | 13.2 | 12.6 | 13.6 | 13.9 |
| 4H | 2H | 12.2 | 13.6 | 12.6 | 13.9 | 14.2 | 13.1 | 14.5 | 13.5 | 14.8 | 15.2 |
| | 3H | 13.4 | 14.4 | 13.8 | 14.8 | 15.2 | 13.7 | 14.7 | 14.1 | 15.0 | 15.4 |
| | 4H | 13.9 | 14.8 | 14.3 | 15.2 | 15.6 | 13.9 | 14.8 | 14.3 | 15.2 | 15.6 |
| | 6H | 13.6 | 15.3 | 14.1 | 15.7 | 16.2 | 13.7 | 15.4 | 14.2 | 15.8 | 16.3 |
| | 8H | 13.4 | 15.4 | 13.9 | 15.8 | 16.3 | 13.6 | 15.5 | 14.1 | 15.9 | 16.4 |
| | 12H | 13.3 | 15.3 | 13.9 | 15.8 | 16.3 | 13.5 | 15.4 | 14.0 | 15.9 | 16.4 |
| 8H | 4H | 13.6 | 15.5 | 14.1 | 15.9 | 16.4 | 13.4 | 15.4 | 13.9 | 15.8 | 16.3 |
| | 6H | 13.6 | 15.4 | 14.1 | 15.9 | 16.4 | 13.5 | 15.3 | 14.0 | 15.8 | 16.4 |
| | 8H | 13.5 | 15.2 | 14.1 | 15.7 | 16.2 | 13.5 | 15.2 | 14.1 | 15.7 | 16.2 |
| | 12H | 13.7 | 14.8 | 14.2 | 15.3 | 15.8 | 13.7 | 14.8 | 14.2 | 15.3 | 15.8 |
| 12H | 4H | 13.5 | 15.4 | 14.0 | 15.9 | 16.4 | 13.3 | 15.3 | 13.9 | 15.8 | 16.3 |
| | 6H | 13.5 | 15.2 | 14.1 | 15.7 | 16.2 | 13.5 | 15.1 | 14.0 | 15.6 | 16.2 |
| | 8H | 13.7 | 14.8 | 14.2 | 15.3 | 15.8 | 13.7 | 14.8 | 14.2 | 15.3 | 15.8 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 1.1 / -0.5 | | | | | 1.1 / -0.5 | | | | |
| | 1.5H | 2.1 / -1.1 | | | | | 2.1 / -1.1 | | | | |
| | 2.0H | 3.4 / -1.6 | | | | | 3.4 / -1.6 | | | | |

Last information update: February 2025

Product configuration: P388.01+MY22.04

P388.01: Fixed square recessed luminaire - LED - wide flood - Super Comfort - White

MY22.04: Honeycomb louvre - Black



Product code

P388.01: Fixed square recessed luminaire - LED - wide flood - Super Comfort - White

Technical description

Square recessed luminaire with contact frame. Fixed Super Comfort version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - wide flood optic (42°). Structure with die-cast aluminium external contact frame with a single white finish. The internal ring is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included Quick and easy tool free assembly. High color rendering index 2700K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation slot: 75 x 75 mm.

Colour

White (01)

Weight (Kg)

0.26

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available.

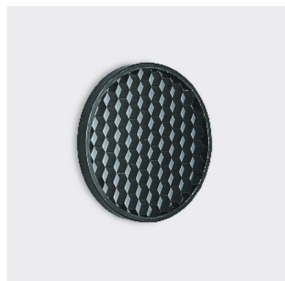
Complies with EN60598-1 and pertinent regulations



IP20

IP44

On the visible part of the product once installed



Accessory code

MY22.04: Honeycomb louvre - Black

Technical description

Black, honeycomb aluminium accessory screen that reduces direct glare significantly.

Installation

Surface-mounted: remove the recessed luminaire safety glass and replace it with the accessory screen.

Colour

Black (04)

Weight (Kg)

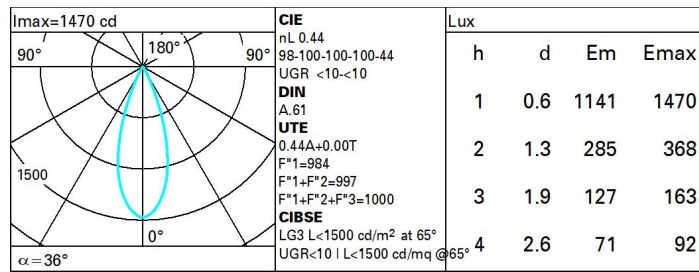
0.02

Complies with EN60598-1 and pertinent regulations

Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 528 | CRI (minimum): | 90 |
| W system: | 9.9 | Colour temperature [K]: | 2700 |
| Im source: | 1200 | MacAdam Step: | 2 |
| W source: | 9.9 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value): | 53.3 | Lamp code: | LED |
| Im in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 44 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 36° | LED current [mA]: | 300 |

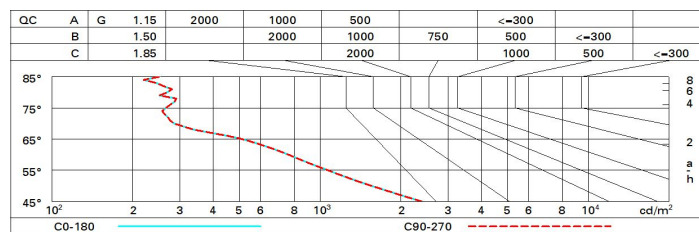
Polar



Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 39 | 37 | 36 | 35 | 37 | 36 | 35 | 34 | 77 |
| 1.0 | 41 | 39 | 38 | 37 | 39 | 38 | 37 | 36 | 82 |
| 1.5 | 43 | 42 | 41 | 40 | 41 | 40 | 40 | 39 | 88 |
| 2.0 | 45 | 44 | 43 | 42 | 43 | 42 | 42 | 41 | 92 |
| 2.5 | 46 | 45 | 44 | 44 | 44 | 44 | 43 | 42 | 95 |
| 3.0 | 46 | 46 | 45 | 45 | 45 | 44 | 44 | 43 | 97 |
| 4.0 | 47 | 46 | 46 | 46 | 46 | 45 | 45 | 44 | 99 |
| 5.0 | 47 | 47 | 46 | 46 | 46 | 46 | 45 | 44 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1200 lm bare lamp luminous flux) | | | | | | | | | | | | |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | viewed crosswise | | | | | viewed endwise | | | | | |
| 2H | 2H | 5.3 | 5.9 | 5.6 | 6.1 | 6.4 | 5.3 | 5.9 | 5.6 | 6.1 | 6.4 | |
| | 3H | 5.3 | 5.8 | 5.6 | 6.0 | 6.3 | 5.3 | 5.8 | 5.6 | 6.0 | 6.3 | |
| | 4H | 5.2 | 5.7 | 5.6 | 6.0 | 6.3 | 5.2 | 5.7 | 5.6 | 6.0 | 6.3 | |
| | 6H | 5.2 | 5.6 | 5.5 | 5.9 | 6.3 | 5.2 | 5.6 | 5.5 | 5.9 | 6.2 | |
| | 8H | 5.2 | 5.6 | 5.5 | 5.9 | 6.2 | 5.1 | 5.5 | 5.5 | 5.9 | 6.2 | |
| | 12H | 5.1 | 5.5 | 5.5 | 5.9 | 6.2 | 5.1 | 5.5 | 5.5 | 5.8 | 6.2 | |
| 4H | 2H | 5.2 | 5.7 | 5.6 | 6.0 | 6.3 | 5.2 | 5.7 | 5.6 | 6.0 | 6.3 | |
| | 3H | 5.2 | 5.6 | 5.6 | 5.9 | 6.3 | 5.2 | 5.6 | 5.6 | 5.9 | 6.3 | |
| | 4H | 5.1 | 5.5 | 5.5 | 5.8 | 6.2 | 5.1 | 5.5 | 5.5 | 5.8 | 6.2 | |
| | 6H | 5.1 | 5.4 | 5.5 | 5.8 | 6.2 | 5.1 | 5.4 | 5.5 | 5.8 | 6.2 | |
| | 8H | 5.1 | 5.4 | 5.5 | 5.8 | 6.2 | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | |
| | 12H | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | 5.0 | 5.2 | 5.4 | 5.7 | 6.1 | |
| 8H | 4H | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | 5.1 | 5.4 | 5.5 | 5.8 | 6.2 | |
| | 6H | 5.0 | 5.2 | 5.5 | 5.7 | 6.2 | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | |
| | 8H | 5.0 | 5.2 | 5.5 | 5.6 | 6.1 | 5.0 | 5.2 | 5.5 | 5.6 | 6.1 | |
| | 12H | 5.0 | 5.1 | 5.5 | 5.6 | 6.1 | 4.9 | 5.1 | 5.4 | 5.6 | 6.1 | |
| 12H | 4H | 5.0 | 5.2 | 5.4 | 5.7 | 6.1 | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | |
| | 6H | 5.0 | 5.2 | 5.4 | 5.6 | 6.1 | 5.0 | 5.2 | 5.5 | 5.7 | 6.1 | |
| | 8H | 4.9 | 5.1 | 5.4 | 5.6 | 6.1 | 5.0 | 5.1 | 5.5 | 5.6 | 6.1 | |
| Variations with the observer position at spacing: | | | | | | | | | | | | |
| S = | | 1.0H | 4.3 / -4.5 | | 4.3 / -4.5 | | | | | | | |
| | | 1.5H | 7.0 / -6.1 | | 7.0 / -6.1 | | | | | | | |
| | | 2.0H | 8.9 / -7.7 | | 8.9 / -7.7 | | | | | | | |

Last information update: October 2024

Product configuration: QA70.01

QA70.01: Fixed round recessed luminaire - Minimal - Wall Washer - White

**Product code**

QA70.01: Fixed round recessed luminaire - Minimal - Wall Washer - White

Technical description

Minimal round recessed luminaire (frameless). Wall Washer fixed version: the optic system is designed to aim the light flow on a vertical surface with no shadow zones and a precise outline. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. The optic unit includes two shaped metallized thermoplastic reflectors, a PMMA refractor/safety screen and a plastic anti-glare casing available in a range of painted and metallised finishes. Die-cast aluminium structure designed for flush with ceiling installation - a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. LED lamp with high color rendering index. Power unit available with a separate code no.

Installation

The luminaire is recessed in the adapter (QA82) by means of an anti-fall steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. A special steel spring required to extract the main body of the adapter after it has been installed is included in the package.

Colour
White (01)

Weight (Kg)
0.13

Mounting
ceiling recessed

Wiring

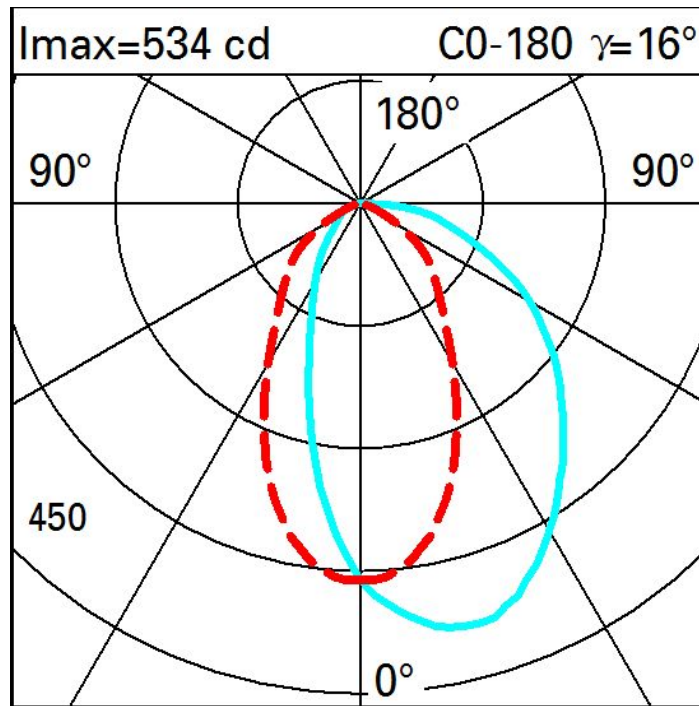
Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 739 | Colour temperature [K]: | 3000 |
| W system: | 10 | MacAdam Step: | 2 |
| lm source: | 1320 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 10 | Lamp code: | LED |
| Luminous efficiency (lm/W, real value): | 73.9 | Number of lamps for optical assembly: | 1 |
| lm in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 56 | LED current [mA]: | 300 |
| CRI (minimum): | 90 | | |

Polar



Illuminances

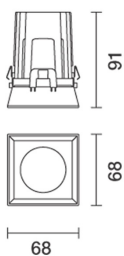
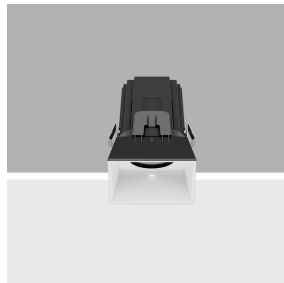
| Lux | | | | | | | | | | | | Wall distance = 1m | |
|-----|-----|----|----|----|----|-----|----|----|----|---|-----|--------------------|--|
| 3 | | | | | | | | | | | | | |
| | 0.3 | 1 | 5 | 20 | 66 | 142 | 66 | 20 | 5 | 1 | 0.3 | | |
| 2 | 1 | 4 | 12 | 29 | 76 | 128 | 76 | 29 | 12 | 4 | 1 | | |
| | 3 | 6 | 12 | 26 | 56 | 78 | 56 | 26 | 12 | 6 | 3 | | |
| 1 | 3 | 6 | 10 | 21 | 37 | 46 | 37 | 21 | 10 | 6 | 3 | | |
| | 3 | 5 | 9 | 16 | 24 | 28 | 24 | 16 | 9 | 5 | 3 | | |
| 0 | | | | | | | | | | | | | |
| | m | -2 | -1 | 0 | 1 | 2 | 3 | | | | | | |

Last information update: October 2024

Product configuration: QA75.01+MY22.04

QA75.01: Fixed square recessed luminaire - Minimal - medium - Super Comfort - White

MY22.04: Honeycomb louvre - Black

**Product code**

QA75.01: Fixed square recessed luminaire - Minimal - medium - Super Comfort - White

Technical description

Square Minimal recessed luminaire (frameless). Super Comfort fixed version: the LEDs are set a long way back to minimize glare and guarantee a high level of visual comfort. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Metallised, thermoplastic, high definition reflector - medium optic. Die-cast aluminium structure designed for flush with ceiling installation - a specific adapter with a separate code is available for false ceilings. This is indispensable for installing recessed luminaires. The internal deflector is made of thermoplastic available in a range of painted and metallised finishes. Safety glass included LED lamp with high color rendering index. Power unit available with a separate code no.

Installation

The luminaire is recessed in the adapter (QA83) by means of an anti-fall steel wire spring, previously installed on the ceiling that can be between 12.5 and 25 mm thick. A special steel spring required to extract the main body of the adapter after it has been installed is included in the package.

Colour

White (01)

Weight (Kg)

0.24

Mounting

ceiling recessed

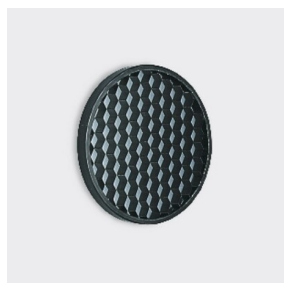
Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Notes

A wide range of decorative accessories and diffusers is available.

Complies with EN60598-1 and pertinent regulations

**Accessory code**

MY22.04: Honeycomb louvre - Black

Technical description

Black, honeycomb aluminium accessory screen that reduces direct glare significantly.

Installation

Surface-mounted: remove the recessed luminaire safety glass and replace it with the accessory screen.

Colour

Black (04)

Weight (Kg)

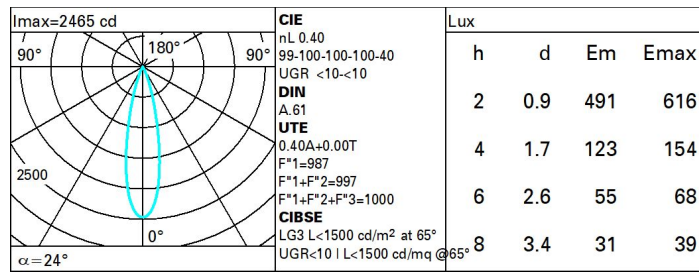
0.02

Complies with EN60598-1 and pertinent regulations

Technical data

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 500 | CRI (minimum): | 90 |
| W system: | 9.9 | Colour temperature [K]: | 3000 |
| lm source: | 1250 | MacAdam Step: | 2 |
| W source: | 9.9 | Life Time LED 1: | > 50,000h - L80 - B10 (Ta 25°C) |
| Luminous efficiency (lm/W, real value): | 50.5 | Lamp code: | LED |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | LED |
| Light Output Ratio (L.O.R.) [%]: | 40 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 24° | LED current [mA]: | 300 |

Polar



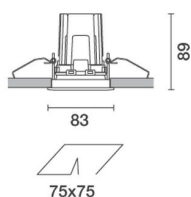
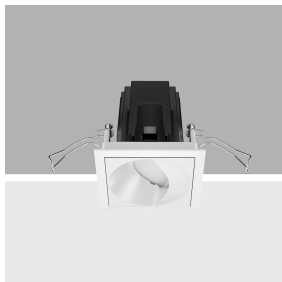
UGR diagram

| Corrected UGR values (at 1250 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|-----|---------------------|------------|------|------------|------|-------------------|------|------|------|------|
| Reflect.: ceiling/cav walls work pl. Room dim x y | | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| | | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| | | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 2.0 | 4.1 | 2.3 | 4.4 | 4.7 | 2.0 | 4.1 | 2.3 | 4.4 | 4.7 |
| | 3H | 2.0 | 3.6 | 2.4 | 3.9 | 4.3 | 2.0 | 3.6 | 2.4 | 3.9 | 4.2 |
| | 4H | 2.0 | 3.3 | 2.4 | 3.6 | 4.0 | 2.0 | 3.3 | 2.3 | 3.6 | 3.9 |
| | 6H | 2.1 | 3.0 | 2.4 | 3.4 | 3.7 | 1.9 | 2.9 | 2.3 | 3.2 | 3.6 |
| | 8H | 2.1 | 3.0 | 2.4 | 3.4 | 3.7 | 1.9 | 2.9 | 2.3 | 3.2 | 3.6 |
| | 12H | 2.0 | 3.0 | 2.4 | 3.4 | 3.7 | 1.8 | 2.8 | 2.2 | 3.2 | 3.5 |
| 4H | 2H | 2.0 | 3.3 | 2.3 | 3.6 | 3.9 | 2.0 | 3.3 | 2.4 | 3.6 | 4.0 |
| | 3H | 2.1 | 3.0 | 2.5 | 3.4 | 3.8 | 2.1 | 3.1 | 2.5 | 3.4 | 3.8 |
| | 4H | 2.0 | 3.0 | 2.5 | 3.4 | 3.8 | 2.0 | 3.0 | 2.5 | 3.4 | 3.8 |
| | 6H | 1.8 | 3.5 | 2.3 | 3.9 | 4.4 | 1.7 | 3.4 | 2.2 | 3.8 | 4.3 |
| | 8H | 1.7 | 3.6 | 2.2 | 4.1 | 4.6 | 1.6 | 3.5 | 2.1 | 3.9 | 4.4 |
| | 12H | 1.7 | 3.6 | 2.2 | 4.1 | 4.6 | 1.5 | 3.5 | 2.0 | 3.9 | 4.5 |
| 8H | 4H | 1.6 | 3.5 | 2.1 | 3.9 | 4.4 | 1.7 | 3.6 | 2.2 | 4.1 | 4.6 |
| | 6H | 1.7 | 3.4 | 2.2 | 3.9 | 4.5 | 1.7 | 3.5 | 2.2 | 4.0 | 4.5 |
| | 8H | 1.8 | 3.3 | 2.3 | 3.8 | 4.4 | 1.8 | 3.3 | 2.3 | 3.8 | 4.4 |
| | 12H | 2.0 | 3.0 | 2.5 | 3.5 | 4.1 | 1.9 | 3.0 | 2.4 | 3.5 | 4.0 |
| 12H | 4H | 1.5 | 3.5 | 2.0 | 3.9 | 4.5 | 1.7 | 3.6 | 2.2 | 4.1 | 4.6 |
| | 6H | 1.7 | 3.2 | 2.2 | 3.7 | 4.3 | 1.8 | 3.4 | 2.3 | 3.8 | 4.4 |
| | 8H | 1.9 | 3.0 | 2.4 | 3.5 | 4.0 | 2.0 | 3.0 | 2.5 | 3.5 | 4.1 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | | 1.0H | 2.6 / -2.4 | | 2.6 / -2.4 | | | | | | |
| | | 1.5H | 4.8 / -3.6 | | 4.8 / -3.6 | | | | | | |
| | | 2.0H | 6.6 / -4.8 | | 6.6 / -4.8 | | | | | | |

Last information update: October 2024

Product configuration: P391.01

P391.01: Fixed square recessed luminaire - LED - Wall Washer - White

**Product code**

P391.01: Fixed square recessed luminaire - LED - Wall Washer - White

Technical description

Square recessed luminaire with contact frame. Fixed Wall Washer version: the optic system is designed to aim the light flow on a vertical surface with no shadow zones and a precise outline. The main body is made of die-cast aluminium with a radiant surface that guarantees optimum heat dissipation. Structure with die-cast aluminium external contact frame with a single white finish. The optic unit includes two shaped metallized thermoplastic reflectors, a PMMA refractor/safety screen and a plastic anti-glare casing available in a range of painted and metallised finishes. Quick and easy tool free assembly. High color rendering index 2700K LED. Power unit available with a separate code no.

Installation

Recessed in a false ceiling by means of an anti-fall steel wire spring - minimum thickness of false ceiling: 1 mm - preparation slot: 75 x 75 mm.

Colour

White (01)

Weight (Kg)

0.26

Mounting

wall recessed|ceiling recessed

Wiring

Direct current ballasts are available with a separate code no.: ON-OFF / 1-10V dimmable / DALI dimmable / Trailing Edge dimmable - the recessed fitting includes a cable and a quick-coupling connector to connect it to the connector on the ballast.

Complies with EN60598-1 and pertinent regulations



IP20

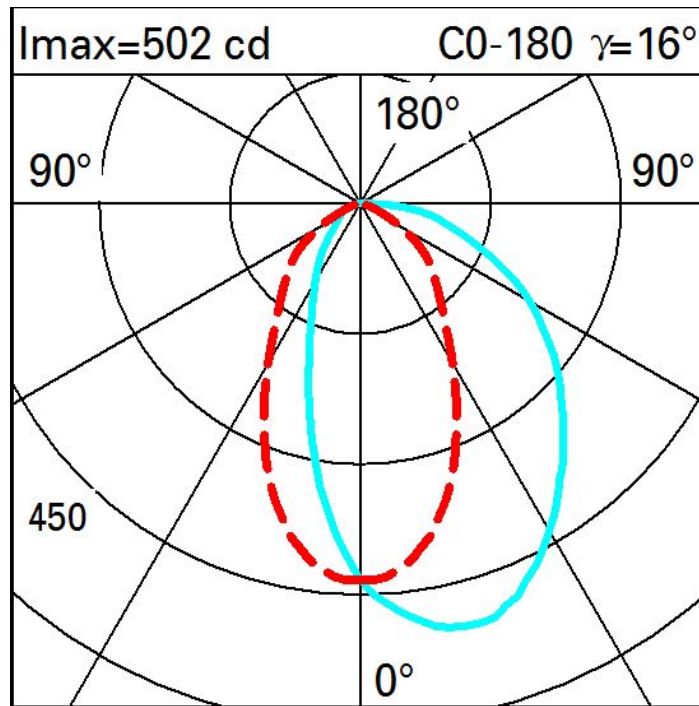
IP44

On the visible part of the product once installed

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| Im system: | 694 | Colour temperature [K]: | 2700 |
| W system: | 10 | MacAdam Step: | 2 |
| Im source: | 1240 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 10 | Lamp code: | LED |
| Luminous efficiency (Im/W, real value): | 69.4 | Number of lamps for optical assembly: | 1 |
| Im in emergency mode: | - | ZVEI Code: | LED |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Number of optical assemblies: | 1 |
| Light Output Ratio (L.O.R.) [%]: | 56 | LED current [mA]: | 300 |
| CRI (minimum): | 90 | | |

Polar



Illuminances

