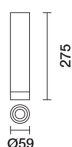


Last information update: March 2025

Product configuration: R717.47

R717.47: Ø59 Deco - Phase-Cut Dim - Medium Beam - 15W 958.1lm - 4000K - CRI 90 - Black / White

**Product code**

R717.47: Ø59 Deco - Phase-Cut Dim - Medium Beam - 15W 958.1lm - 4000K - CRI 90 - Black / White

Technical description

Cylindrical lighting body for ceiling or pendant-mounted applications. Fixed optic lighting system with a high definition reflector made of metallised thermoplastic. A decorative terminal element - in thick transparent PMMA - emphasises and elegantly defines light diffusion. Structural cylinder made of painted extruded aluminium with an inner ring made of black thermoplastic. Glass cover Using specific accessory kits, ceiling or pendant-mounted installations can be made with minimum intervention and simplified by a practical bayonet coupling system. Dimmable driver - phase cut - integrated in luminaire.

Installation

Ceiling or pendant-mounted - use the appropriate assembly kits available with a separate item code.

Colour

Black / White (47)

Weight (Kg)

0.49

Mounting

ceiling surface|ceiling pendant

Wiring

The lighting body is fitted with an internal terminal board for connectinf it to the power line or pendant cable.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|--|---|
| lm system: | 958 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W system: | 15 | Voltage [Vin]: | 230 |
| lm source: | 1430 | Lamp code: | LED |
| W source: | 13 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (lm/W, real value): | 63.9 | ZVEI Code: | LED |
| lm in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | Power factor: | See installation instructions |
| Light Output Ratio (L.O.R.) [%]: | 67 | Inrush current: | 1.87 A / 48 µs |
| Beam angle [°]: | 24° | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 97 luminaires B16A: 155 luminaires C10A: 161 luminaires C16A: 263 luminaires |
| CRI (minimum): | 90 | Minimum dimming %: | 5 |
| Colour temperature [K]: | 4000 | Overvoltage protection: | 2kV Common mode & 1kV Differential mode |
| MacAdam Step: | 2 | Control: | Phase-cut |

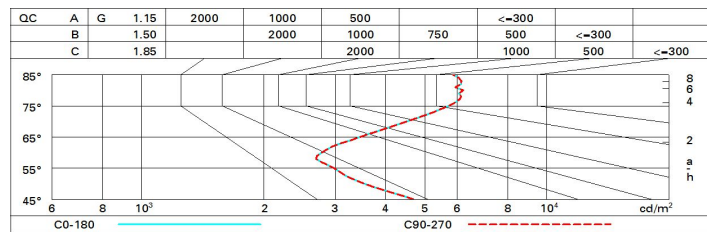
Polar

| | | | | | | | | |
|-------------------------------|--|-----|-----|------|------------|-----|-----|------|
| <p>Imax=4972 cd α=23°</p> | CIE nL 0.67 98-99-100-100-67 UGR 11.9-10.6 DIN A.61 UTE 0.67A+0.00T F*1=980 F*1+F*2=990 F*1+F*2+F*3=997 | | | | Lux | | | |
| | h | d | Em | Emax | h | d | Em | Emax |
| | 2 | 0.8 | 999 | 1243 | 2 | 0.8 | 999 | 1243 |
| | 4 | 1.7 | 250 | 311 | 4 | 1.7 | 250 | 311 |
| | 6 | 2.5 | 111 | 138 | 6 | 2.5 | 111 | 138 |
| | 8 | 3.3 | 62 | 78 | 8 | 3.3 | 62 | 78 |

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 60 | 57 | 54 | 53 | 56 | 54 | 54 | 52 | 77 |
| 1.0 | 63 | 60 | 58 | 56 | 59 | 57 | 57 | 55 | 82 |
| 1.5 | 66 | 64 | 62 | 60 | 63 | 61 | 61 | 59 | 87 |
| 2.0 | 68 | 66 | 65 | 64 | 65 | 64 | 63 | 62 | 92 |
| 2.5 | 69 | 68 | 67 | 66 | 67 | 66 | 65 | 64 | 95 |
| 3.0 | 70 | 69 | 68 | 68 | 68 | 68 | 67 | 65 | 97 |
| 4.0 | 71 | 70 | 70 | 69 | 69 | 69 | 68 | 66 | 99 |
| 5.0 | 71 | 71 | 71 | 70 | 70 | 69 | 68 | 67 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1430 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.: ceil/cav 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 | 5.6 | 7.7 | 6.0 | 8.0 | 8.4 | 5.6 | 7.7 | 6.0 | 8.0 | 8.4 |
| | 3H | 7.7 | 9.2 | 8.0 | 9.6 | 9.9 | 6.0 | 7.5 | 6.3 | 7.9 | 8.2 |
| | 4H | 9.1 | 10.4 | 9.5 | 10.7 | 11.1 | 6.2 | 7.5 | 6.6 | 7.8 | 8.2 |
| | 6H | 10.5 | 11.4 | 10.8 | 11.7 | 12.1 | 6.5 | 7.4 | 6.9 | 7.8 | 8.1 |
| | 8H | 10.9 | 11.8 | 11.3 | 12.2 | 12.5 | 6.6 | 7.5 | 7.0 | 7.9 | 8.2 |
| | 12H | 11.2 | 12.1 | 11.6 | 12.5 | 12.9 | 6.6 | 7.5 | 7.0 | 7.9 | 8.3 |
| 4H | 2H | 6.2 | 7.5 | 6.6 | 7.8 | 8.2 | 9.1 | 10.4 | 9.5 | 10.7 | 11.1 |
| | 3H | 8.8 | 9.7 | 9.2 | 10.1 | 10.5 | 9.9 | 10.9 | 10.3 | 11.3 | 11.6 |
| | 4H | 10.4 | 11.3 | 10.8 | 11.7 | 12.1 | 10.4 | 11.3 | 10.8 | 11.7 | 12.1 |
| | 6H | 11.5 | 13.2 | 12.0 | 13.6 | 14.1 | 10.5 | 12.2 | 11.0 | 12.7 | 13.1 |
| | 8H | 11.9 | 13.8 | 12.4 | 14.3 | 14.8 | 10.6 | 12.5 | 11.1 | 13.0 | 13.5 |
| | 12H | 12.2 | 14.2 | 12.7 | 14.7 | 15.2 | 10.7 | 12.6 | 11.2 | 13.1 | 13.6 |
| 8H | 4H | 10.6 | 12.5 | 11.1 | 13.0 | 13.5 | 11.9 | 13.8 | 12.4 | 14.3 | 14.8 |
| | 6H | 12.2 | 14.0 | 12.7 | 14.5 | 15.0 | 12.5 | 14.3 | 13.0 | 14.8 | 15.3 |
| | 8H | 12.8 | 14.4 | 13.4 | 14.9 | 15.4 | 12.8 | 14.4 | 13.4 | 14.9 | 15.4 |
| | 12H | 13.5 | 14.5 | 14.0 | 15.0 | 15.6 | 13.2 | 14.3 | 13.8 | 14.8 | 15.3 |
| 12H | 4H | 10.7 | 12.6 | 11.2 | 13.1 | 13.6 | 12.2 | 14.2 | 12.7 | 14.7 | 15.2 |
| | 6H | 12.4 | 13.9 | 12.9 | 14.4 | 15.0 | 13.0 | 14.5 | 13.5 | 15.0 | 15.6 |
| | 8H | 13.2 | 14.3 | 13.8 | 14.8 | 15.3 | 13.5 | 14.5 | 14.0 | 15.0 | 15.6 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 0.3 / -0.1 | | | | | 0.3 / -0.1 | | | | |
| | 1.5H | 0.7 / -0.3 | | | | | 0.7 / -0.3 | | | | |
| | 2.0H | 1.1 / -0.3 | | | | | 1.1 / -0.3 | | | | |