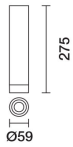


Last information update: March 2025

Product configuration: QA10.E9

QA10.E9: Ø59 Deco - DALI - Medium Beam - White / gold satin-finish

**Product code**

QA10.E9: Ø59 Deco - DALI - Medium Beam - White / gold satin-finish

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. DALI dimmable driver integrated in the luminaire.

Installation

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

Colour

Black / Black (43) | Black / White (47)

Weight (Kg)

0.49

Mounting

ceiling surface|ceiling pendant

Wiring

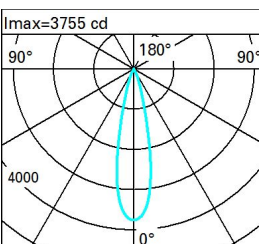
The lighting body is fitted with an internal terminal board for connectinf it to the power line or pendant cable.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|------|---------------------------------------|---------------------------------|
| lm system: | 724 | Colour temperature [K]: | 2700 |
| W system: | 12.3 | MacAdam Step: | 2 |
| lm source: | 1080 | Life Time LED 1: | > 50,000h - L90 - B10 (Ta 25°C) |
| W source: | 11 | Voltage [Vin]: | 230 |
| Luminous efficiency (lm/W, real value): | 58.8 | 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.) [%]: | 67 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 24° | Control: | DALI-2 |
| CRI (minimum): | 90 | | |

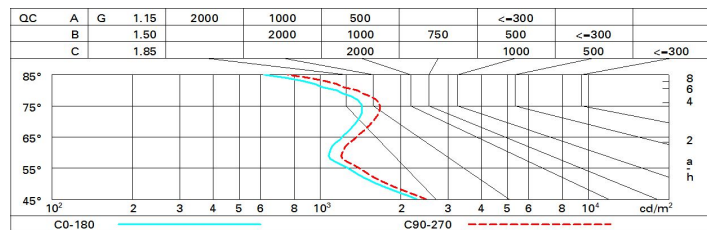
Polar

| | | | | | | |
|---|--|--|------------|----------|-----------|------------------------|
| $I_{max}=3755\text{ cd}$ | | CIE nL 0.67 98-99-100-100-67 UGR <10- 10 DIN A.61 UTE 0.67A+0.00T F*1=980 F*1+F*2=990 F*1+F*2+F*3=997 CIBSE LG3 L<3000 cd/m ² at 65° UGR<10 L<3000 cd/mq @65° | Lux | | | |
|  | | | h | d | Em | E_{max} |
| $\alpha = 23^\circ$ | | | 2 | 0.8 | 755 | 939 |
| | | | 4 | 1.7 | 189 | 235 |
| | | | 6 | 2.5 | 84 | 104 |
| | | 8 | 3.3 | 47 | 59 | |

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 1080 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|-----|-----|-----|------|-------------------|-----|-----|------|------|
| Riflect.: ceil/cav walls work pl. Room dim x y | | viewed crosswise | | | | | viewed endwise | | | | |
| 2H | 2H | 2.8 | 4.9 | 3.2 | 5.2 | 5.6 | 3.0 | 5.1 | 3.3 | 5.4 | 5.7 |
| | 3H | 4.2 | 5.8 | 4.6 | 6.1 | 6.5 | 3.2 | 4.7 | 3.5 | 5.1 | 5.4 |
| | 4H | 5.3 | 6.5 | 5.6 | 6.9 | 7.2 | 3.3 | 4.6 | 3.7 | 4.9 | 5.3 |
| | 6H | 6.1 | 7.1 | 6.5 | 7.4 | 7.7 | 3.5 | 4.4 | 3.9 | 4.8 | 5.1 |
| | 8H | 6.3 | 7.3 | 6.7 | 7.6 | 8.0 | 3.5 | 4.4 | 3.9 | 4.8 | 5.2 |
| | 12H | 6.4 | 7.4 | 6.8 | 7.7 | 8.1 | 3.5 | 4.4 | 3.9 | 4.8 | 5.2 |
| 4H | 2H | 3.2 | 4.5 | 3.6 | 4.8 | 5.1 | 5.5 | 6.8 | 5.9 | 7.1 | 7.5 |
| | 3H | 5.0 | 6.0 | 5.4 | 6.4 | 6.7 | 6.1 | 7.1 | 6.5 | 7.5 | 7.8 |
| | 4H | 6.2 | 7.2 | 6.6 | 7.5 | 8.0 | 6.4 | 7.4 | 6.8 | 7.8 | 8.2 |
| | 6H | 6.8 | 8.5 | 7.3 | 9.0 | 9.4 | 6.4 | 8.1 | 6.9 | 8.6 | 9.0 |
| | 8H | 7.0 | 8.9 | 7.5 | 9.4 | 9.9 | 6.4 | 8.3 | 6.9 | 8.8 | 9.3 |
| | 12H | 7.1 | 9.1 | 7.6 | 9.6 | 10.1 | 6.4 | 8.4 | 6.9 | 8.8 | 9.4 |
| 8H | 4H | 6.2 | 8.1 | 6.7 | 8.6 | 9.1 | 7.3 | 9.2 | 7.8 | 9.7 | 10.2 |
| | 6H | 7.3 | 9.0 | 7.8 | 9.5 | 10.1 | 7.7 | 9.5 | 8.2 | 10.0 | 10.5 |
| | 8H | 7.7 | 9.2 | 8.2 | 9.7 | 10.2 | 7.9 | 9.5 | 8.5 | 10.0 | 10.5 |
| | 12H | 8.1 | 9.1 | 8.6 | 9.6 | 10.1 | 8.2 | 9.2 | 8.7 | 9.7 | 10.3 |
| 12H | 4H | 6.2 | 8.2 | 6.7 | 8.6 | 9.2 | 7.5 | 9.4 | 8.0 | 9.9 | 10.4 |
| | 6H | 7.4 | 8.9 | 7.9 | 9.4 | 10.0 | 8.0 | 9.5 | 8.5 | 10.0 | 10.5 |
| | 8H | 7.9 | 9.0 | 8.5 | 9.5 | 10.0 | 8.3 | 9.4 | 8.9 | 9.9 | 10.4 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 0.7 / -0.3 | | | | | 0.7 / -0.3 | | | | |
| | 1.5H | 1.7 / -0.5 | | | | | 1.7 / -0.5 | | | | |
| | 2.0H | 2.7 / -0.5 | | | | | 2.6 / -0.4 | | | | |