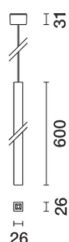
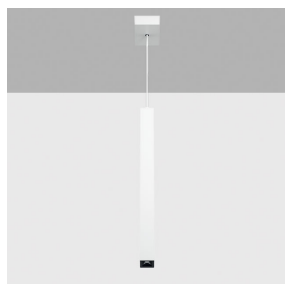


Last information update: May 2018

**LB XS pendant HC - Flood beam - h 600 - integrated driver****Product code**

Q867

Technical description

Miniaturised pendant luminaire with LED lamp, ideal for zenithal accent lighting. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of visual comfort. Metallised thermoplastic high definition Opti-Beam reflector. Extruded aluminium main body and technical dissipation unit. Thermoplastic ceiling rose with shaped steel fixing plate. PVC power/pendant cable in the same colour as the external finish. The cable connection on the pendant body is fitted with a manual adjustment system that facilitates alignment. ON-OFF driver integrated in luminaire body.

Installation

Ceiling rose with surface fixing plate (screws and screw anchors not included)

Dimension (mm)

26x26x600

Colour

White (01) | White/Brass (41) | Black/Black (43) | (44) | Black/White (47) | (E7) | (F1)

Weight (Kg)

0.45

Mounting

ceiling pendant

Wiring

Connection terminal included on ceiling plate - the pendant cable can be adjusted on the pendant body

Complies with EN60598-1 and pertinent regulations



IP20

**Product configuration: Q867****Product characteristics**

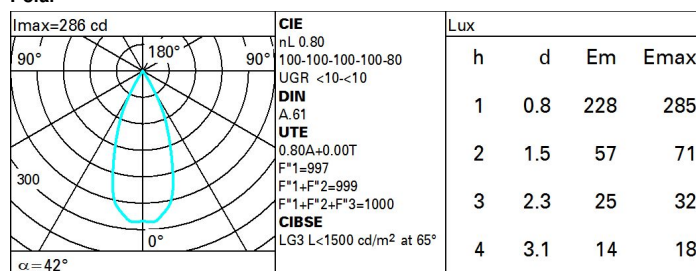
Total lighting output [Lm]: 136
Total power [W]: 3.8
Luminous efficacy [Lm/W]: 35.8
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 80
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 2
Nominal luminous [Lm]: 170
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

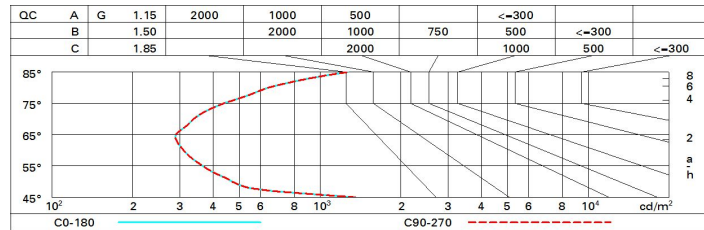
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 1.8
Colour temperature [K]: 3000
CRI: 90
Wavelength [Nm]: /
MacAdam Step: 3

Polar

Utilisation factors

| R | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 72 | 69 | 66 | 64 | 68 | 66 | 65 | 63 | 78 |
| 1.0 | 75 | 72 | 70 | 68 | 71 | 69 | 69 | 66 | 83 |
| 1.5 | 79 | 77 | 75 | 73 | 76 | 74 | 73 | 71 | 89 |
| 2.0 | 82 | 80 | 78 | 77 | 79 | 77 | 76 | 74 | 93 |
| 2.5 | 83 | 82 | 81 | 80 | 81 | 80 | 79 | 77 | 96 |
| 3.0 | 84 | 83 | 82 | 82 | 82 | 81 | 80 | 78 | 98 |
| 4.0 | 85 | 84 | 84 | 83 | 83 | 83 | 81 | 79 | 99 |
| 5.0 | 86 | 85 | 85 | 84 | 84 | 83 | 82 | 80 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 170 lm bare lamp luminous flux) | | | | | | | | | | | |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Riflect.: ceil/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 | 7.8 | 8.4 | 8.1 | 8.6 | 8.8 | 7.8 | 8.4 | 8.1 | 8.6 | 8.8 |
| | 3H | 7.7 | 8.2 | 8.0 | 8.5 | 8.7 | 7.7 | 8.2 | 8.0 | 8.5 | 8.7 |
| | 4H | 7.6 | 8.1 | 7.9 | 8.4 | 8.7 | 7.6 | 8.1 | 7.9 | 8.4 | 8.7 |
| | 6H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 |
| | 8H | 7.5 | 8.0 | 7.9 | 8.3 | 8.6 | 7.5 | 7.9 | 7.8 | 8.2 | 8.6 |
| | 12H | 7.5 | 7.9 | 7.9 | 8.3 | 8.6 | 7.4 | 7.9 | 7.8 | 8.2 | 8.5 |
| 4H | 2H | 7.6 | 8.1 | 7.9 | 8.4 | 8.7 | 7.6 | 8.1 | 7.9 | 8.4 | 8.7 |
| | 3H | 7.5 | 7.9 | 7.8 | 8.2 | 8.6 | 7.5 | 7.9 | 7.8 | 8.2 | 8.6 |
| | 4H | 7.4 | 7.7 | 7.8 | 8.1 | 8.5 | 7.4 | 7.7 | 7.8 | 8.1 | 8.5 |
| | 6H | 7.3 | 7.6 | 7.7 | 8.0 | 8.5 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 8H | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 | 7.3 | 7.5 | 7.7 | 8.0 | 8.4 |
| | 12H | 7.3 | 7.6 | 7.8 | 8.0 | 8.5 | 7.2 | 7.5 | 7.7 | 7.9 | 8.4 |
| 8H | 4H | 7.3 | 7.5 | 7.7 | 8.0 | 8.4 | 7.3 | 7.6 | 7.7 | 8.0 | 8.4 |
| | 6H | 7.2 | 7.5 | 7.7 | 7.9 | 8.4 | 7.2 | 7.5 | 7.7 | 7.9 | 8.4 |
| | 8H | 7.2 | 7.4 | 7.7 | 7.9 | 8.4 | 7.2 | 7.4 | 7.7 | 7.9 | 8.4 |
| | 12H | 7.2 | 7.4 | 7.7 | 7.9 | 8.4 | 7.2 | 7.4 | 7.7 | 7.8 | 8.4 |
| 12H | 4H | 7.2 | 7.5 | 7.7 | 7.9 | 8.4 | 7.3 | 7.6 | 7.8 | 8.0 | 8.5 |
| | 6H | 7.2 | 7.4 | 7.7 | 7.8 | 8.3 | 7.3 | 7.5 | 7.7 | 7.9 | 8.4 |
| | 8H | 7.2 | 7.4 | 7.7 | 7.8 | 8.4 | 7.2 | 7.4 | 7.7 | 7.9 | 8.4 |
| Variations with the observer position at spacing: | | | | | | | | | | | |
| S = | 1.0H | 6.7 / -8.9 | | | | | 6.7 / -8.9 | | | | |
| | 1.5H | 9.5 / -9.1 | | | | | 9.5 / -9.1 | | | | |
| | 2.0H | 11.5 / -9.3 | | | | | 11.5 / -9.3 | | | | |