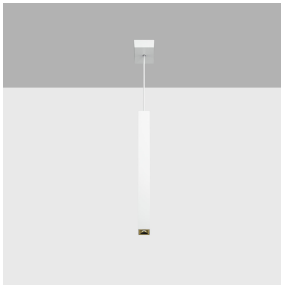


Last information update: October 2024

Product configuration: Q868

Q868: LB XS pendant HC - Flood beam - h 600 - integrated driver



Product code

Q868: LB XS pendant HC - Flood beam - h 600 - integrated driver

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)

Colour

White (01) | Black / Black (43) | Black / White (47) | White/Gold (41)* | Black/gold (44)* | White / burnished chrome (E7)* | Black/burnished chrome (F1)*

Weight (Kg)

0.45

* Colours on request

Mounting

ceiling pendant

Wiring

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

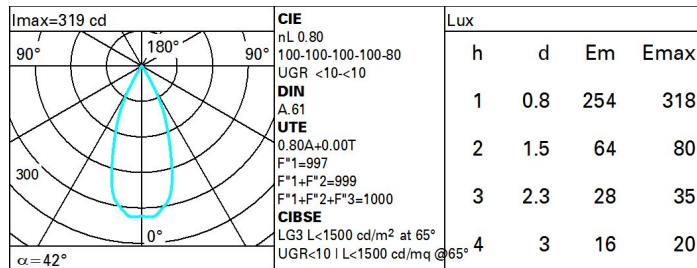
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	152	MacAdam Step:	2
W system:	3.8	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Im source:	190	Lamp code:	LED
W source:	2	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	40	ZVEI Code:	LED
Im 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.) [%]:	80	Inrush current:	27 A / 250 µs
Beam angle [°]:	42°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 17 luminaires B16A: 27 luminaires C10A: 28 luminaires C16A: 45 luminaires
CRl (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700		

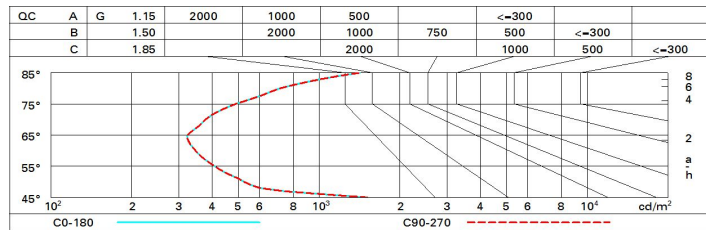
Polar



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 190 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	8.2	8.8	8.5	9.0	9.2	8.2	8.8	8.5	9.0	9.2
	3H	8.1	8.6	8.4	8.8	9.1	8.1	8.6	8.4	8.8	9.1
	4H	8.0	8.5	8.3	8.8	9.1	8.0	8.5	8.3	8.8	9.1
	6H	7.9	8.4	8.3	8.7	9.0	7.9	8.4	8.3	8.7	9.0
	8H	7.9	8.3	8.3	8.7	9.0	7.9	8.3	8.2	8.6	9.0
12H	7.9	8.3	8.3	8.7	9.0	7.8	8.2	8.2	8.6	8.9	
4H	2H	8.0	8.5	8.3	8.8	9.1	8.0	8.5	8.3	8.8	9.1
	3H	7.8	8.3	8.2	8.6	8.9	7.9	8.3	8.2	8.6	9.0
	4H	7.8	8.1	8.2	8.5	8.9	7.8	8.1	8.2	8.5	8.9
	6H	7.7	8.0	8.1	8.4	8.8	7.7	8.0	8.1	8.4	8.8
	8H	7.7	8.0	8.1	8.4	8.8	7.6	7.9	8.1	8.3	8.8
12H	7.7	8.0	8.1	8.4	8.8	7.6	7.9	8.1	8.3	8.7	
8H	4H	7.6	7.9	8.1	8.3	8.8	7.7	8.0	8.1	8.4	8.8
	6H	7.6	7.8	8.1	8.3	8.8	7.6	7.9	8.1	8.3	8.8
	8H	7.6	7.8	8.1	8.3	8.8	7.6	7.8	8.1	8.3	8.8
	12H	7.6	7.8	8.1	8.3	8.8	7.6	7.7	8.1	8.2	8.7
12H	4H	7.6	7.9	8.1	8.3	8.7	7.7	8.0	8.1	8.4	8.8
	6H	7.6	7.8	8.0	8.2	8.7	7.6	7.8	8.1	8.3	8.8
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.8	8.1	8.3	8.8
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				