



Highbay

IP65 90W/840 WB DA2 CA PCC

This energy-efficient Highbay lighting fixture is designed for illuminating high spaces. Typical applications include warehouses, lobbies and other premises with high ceilings. The luminaire is available in three output options and as Dali-2 and wireless control models. Its energy-efficiency is up to 140 lm/W. The Dali-2 models can be customised for wireless control. A mounting fixture is available as an accessory.

Highbay High-bay luminaire 90W 4000K 12600lm Light sharing Symmetric; Casambi; IP65; IK10; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM5; Suitable for through wiring; 3x2.5mm²; Housing al; Colour bk; C16 max. 16



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PRODUCT CODE	CODE	KG	PRODUCT FAMILY
A3SYCI	A3SYCI	Highbay	

Mounting	
Mounting method	Pendant
Suitable for auxiliary lamp	No
Degree of protection (IP)	IP65
Impact strength	IK10
Ball-proof	No
Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24	Yes
Suitable for emergency lighting	No
Type of wiring	Suitable for through wiring
Number of poles	3
Conductor cross section (mm²)	2.5
Connection type	Screwless terminal
Quantity of luminaires for MCB C16:	16
Quantity of luminaires for MCB B16:	9

Structure	
Lamp type	LED not exchangeable
With lamp	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Colour housing	Black
Control gear included	Yes
Reflector	None
Energy efficiency class of light source according to EU regulation 2019/2015	Not required
Emergency power supply integrated	No
Filament test according to IEC 60695-2-11	750 °C - 30 s
With protective cover	No

Dimming and control	
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DMX	No
Dimming DSI	No
Dimming phase cut-off	No
Dimming phase cut-on	No
Dimming potentiometer (integrated)	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
Bluetooth operated	No

Photometric data	
Light distributor	Focal lens
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM5
Effective luminous flux (lm)	12600
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
Colour rendering index CRI	80-89
Photobiological safety according to EN 62471	RG1
Colour temperature switchable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C	100000
Rated ambient temperature acc. IEC62722-2-1 (min) [°C]	-30
Rated ambient temperature acc. IEC62722-2-1 (max) [°C]	45

Measurements	
Width (mm)	251
Height/depth (mm)	172
Length (mm)	251
Outer diameter (mm)	251

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Type of control gear	LED operating device current-controlled
Protection class	I
Suitable for lamp power (min) (W)	90
Suitable for lamp power (max) (W)	90
Maximum system power (W)	90
Luminaire efficacy (lm/W)	140
Power factor	0.9