

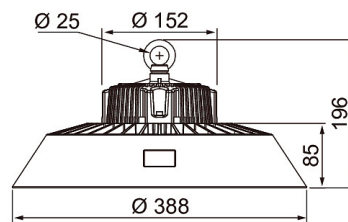


Highbay

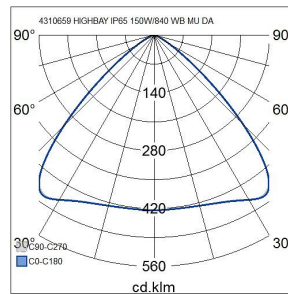
IP65 150W/840 WB DA2 PCC

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 150W 4000K 21000lm
 Light sharing Symmetric; Dim DALI; IP65; IK10;
 Protection cl. I; L70B50 100000h; LED not
 exchangeable; CRI>80; SDCM5; Suitable for through
 wiring; 5x2.5mm²; Housing al; Colour bk; C16 max. 9



IP65 150W/840 WB DA2 PCC			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4310659	A3SYCF	6.1	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	5
Conductor cross section (mm ²)	2.5
Connection type	Screwless terminal
Max. number of luminaires per miniature circuit breaker B16	5
Max. number of luminaires per miniature circuit breaker C16	9
Quantity of luminaires for MCB C16:	9
Quantity of luminaires for MCB B16:	5
Structure	
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Housing colour	Black
Exchangeable control gear	Yes
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	Yes
Dimming DMX	No
Dimming DSI	No
Dimming trailing edge	No
Dimming leading edge	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
Constant luminous flux control	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)	21000
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
Colour rendering index (CRI/Ra)	80-89
Photobiological safety according to EN 62471	RG1
Colour temperature switchable	No
Beam angle adjustable	No
Lumen setting adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	85
Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)	70
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5
Failure rate at median useful life of 100,000 hrs at 25 °C ambient (tq)	10
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-30
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	45

Measurements	
Width (mm)	388
Height/depth (mm)	201
Length (mm)	388
Outer diameter (mm)	388

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 according to IEC 61140	I
Suitable for lamp power (min) (W)	150
Suitable for lamp power (max) (W)	150
Maximum system power (W)	150
Luminaire efficacy (lm/W)	140
Total harmonic distortion	11
Power factor	0.9