Multibay

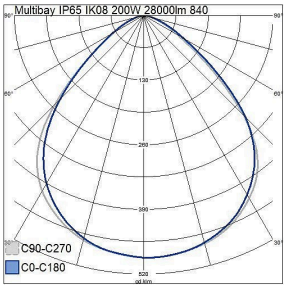
IP65 IK08 200W 28000lm 840 90D



High-bay luminaire

Multibay is a cost-efficient high-bay luminaire that combines versatility and excellent value for money. Efficacy can be adjusted on the luminaire. Luminaire is made of durable aluminum which is suitable for almost any location that requires high light output, such as high, open hall and storage spaces. The luminaire comes with a ready carabiner hook, which allows an easy and quick suspension installation. Surface mounting is possible with a separately ordered mounting bracket. The on/off version has three power options. The Dali version can be configured to the desired power during configuration.

Multibay 200W 4000K 28000lm Light sharing Symmetric; Dim 0-10 V; IP65; IK08; Protection cl. I; L70B50 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM5; Ending; 5x1mm²; Housing al; Colour bk



Stocked: Yes

IP65 IK08 200W 28000lm 840 90D			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4338602	4338602	2.5	Multibay

IP65 IK08 200W 28000lm 840 90D

EC001716 High / low bay luminaire

Mounting	
Suitable for ceiling mounting	Yes
Suitable for wall mounting	No
Suitable for suspended mounting	Yes
Mounting method	Pendant
Suitable for auxiliary lamp	No
Degree of protection (IP)	IP65
Impact strength	IK08
Ball-proof	No
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	Yes
Emergency function monitoring system	None
Suitable for emergency lighting	No
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	1 mm²
Connection type	Other
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Max. number of luminaires per miniature circuit breaker B16	9
Max. number of luminaires per miniature circuit breaker C16	11

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	C
Containing product according to 2019/2020/EU	Yes
Emergency power supply system	None
Emergency power supply integrated	No
Filament test according to IEC 60695-2-11	650 °C - 30 s
With protective cover	Yes

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	500 mA
Nominal current (max) (mA)	830 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	110 W
Suitable for lamp power (max) (W)	200 W
Maximum system power (W)	200 W
Luminaire efficacy (lm/W)	140 lm/W
Luminaire efficacy (min) (lm/W)	140 lm/W
Luminaire efficacy (max) (lm/W)	140 lm/W
Total harmonic distortion	15 THD
Power factor	0.9

Dimming and control	
With movement sensor	No
With presence indicator	No
With light sensor	No
Dimmable	No
Dimming 0-10 V	No
Dimming 1-10 V	Yes
Dimming DALI-2	No
Dimming DALI	No
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	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM5
Effective luminous flux (lm)	28000 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	16500 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	28000 lm
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
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	Positions

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

Measurements	
Width (mm)	300 mm
Height/depth (mm)	161 mm
Length (mm)	300 mm
Outer diameter (mm)	300 mm