PROLUMIA®

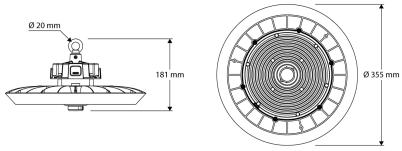
LED Pro-Bay Multi

Pro-Bay Multi Highbay Luminaires

40643505
EAN: 8721063007462

NEXT LEVEL HIGHBAY LUMINAIRE THAT EXCELS IN PRICE, PERFORMANCE AND USABILITY

The Pro-Bay Multi is an outlier in many respects. Its exceptionally high luminous efficacy of up to 195 lm/W results in significant energy savings. In addition, 3 adjustable levels of brightness and a color temperature that can be set to 3000, 4000 or 5000 K maximize its usability. Finally, Pro-Bay Multi accessories, such as PIR or radar-controlled motion detectors, a twilight switch or Casambi module offer the benefits and comfort of an intelligent lighting solution literally in an instant.



PRODUCT FEATURES

Suitable for ceiling mounting	✔	Suitable for number of light sources	1	
Suitable for wall mounting	✔	Nominal voltage	120|277	Volt
Suitable for suspended mounting	✔	LED nominal current at constant current	450|900	Milliampere
Lamp type	LED not exchangeable	Nominal current	833|909	Milliampere
With light source	✔	Rated lifetime L80/B50 at 25 °C	115000	Hour
Suitable for auxiliary lamp	✖	Rated life time L90/B50 at 25 °C	55000	Hour
Lamp holder	Other	Rated lifetime L70/B50 at 25 °C	182000	Hour
Housing material	Aluminium	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)	91.2	Percentage
Housing colour	Black	Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq)	82.8	Percentage
Voltage type	AC	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)	0	Percentage
Type of control gear	LED operating device current-controlled	Failure rate at median useful life of 100,000 h at 25 °C ambient (tq)	0	Percentage
Exchangeable control gear	✔	Rated ambient temperature according to IEC 62722-2-1	-30|45	Degrees celsius
With control gear	✔	Suitable for lamp power	113|204	Watt
With movement sensor	✖	Max. system power	204	Watt
With presence detector	✖	Luminaire efficacy	176|195	Lumen/Watt
With light sensor	✖	Rated luminous flux according to IEC 62722-2- 1	22000|36000	Lumen
Dimmable	✖	Colour temperature	3000|5000	Kelvin
Dimming 0-10 V	✖	Total harmonic distortion (THD)	0.12	Percentage
Dimming 1-10 V	✖	Power factor	0.97	
Dimming GPRS	✖	Height/depth	181	Millimetre
Dimming DALI-2	✖	Outer diameter	355	Millimetre
Dimming DALI	✖	Number of poles	3	
Dimming DMX	✖	Conductor cross section	1	Square millimetre
Dimming DSI	✖	Connectable conductor cross section	1|2.5	Square millimetre
Dimming phase cut-off (trailing edge)	✖	Max. number of luminaires per miniature circuit breaker B16 (MCB)	7	

PROLUMIA®

LED Pro-Bay Multi

Pro-Bay Multi Highbay Luminaires

40643505
EAN: 8721063007462

PRODUCT FEATURES
(continuation)

Dimming phase cut-on (leading edge)	✖
Dimming potentiometer (integrated)	✖
Dimming LineSwitch	✖
Dimming manufacturer's proprietary system	✖
Dimming mains voltage modulation	✖
Dimming programmable	✖
Dimming RF	✖
Dimming Sine Wave Reduction	✖
Dimming Touch and Dim	✖
Dimming Zigbee	✖
Dimming with push-button	✖
Light distributor	Diffuser lens/optic/panel
Light distribution	Symmetric
Reflector	None
Energy efficiency class of the light source according to EU regulation 2019/2015	D
Containing product according to 2019/2020/EU	✔
Beam angle	41-80° - Wide beam
Colour consistency (McAdam ellipse)	SDCM5
Degree of protection (IP)	IP65
Degree of protection (NEMA)	4
Impact strength	IK08
Protection class according to IEC 61140	I
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	✖
Emergency power supply system	None
Emergency function monitoring system	None
Suitable for emergency lighting	✖
Filament test according to IEC 60695-2-11	750 °C - 30 s
Colour of light	White
Colour rendering index CRI	80-89
Photobiological safety according to EN 62471	RG1
Constant light output (CLO)	✖
Colour of light adjustable	Positions
Beam angle adjustable	No
Luminous flux adjustable	Positions
Type of wiring	Ending
Connection type	Crimping
With protective cover	✖
Operation by Bluetooth	✖
Ball-proof according to DIN 18032-3	✖
Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C)	✔
Max. number of luminaires per miniature circuit breaker C16 (MCB)	12