

LED Pro-Bay Multi PAGE 1/2

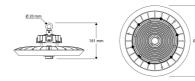
Pro-Bay Multi Highbay Luminaires

40643504 EAN: 8721063007455

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.







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 millimetro
Dimming DSI	×	Connectable conductor cross section	1 2.5 Square millimetro
Dimming phase cut-off (trailing edge)	×	Max. number of luminaires per miniature circuit breaker B16 (MCB)	7



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Max. number of luminaires per miniature circuit breaker C16 (MCB)

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PRODUCT FEATURES

(continuation)

Dimming potentiometer (integrated) Dimming LineSwitch Dimming manufacturer's proprietary system System Dimming mains voltage modulation Dimming RF Dimming Sine Wave Reduction Dimming Sine Wave Reduction Dimming Touch and Dim Dimming Zigbee Dimming with push-button Light distributor Light distributor Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle Colour consistency (McAdam ellipse) Degree of protection (IP) Degree of protection (NEMA) Limpact strength Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 Emergency power supply system Suitable for emergency lighting Filament test according to EC 60695-2-11 Colour of light Colour of light Colour of light adjustable Positions Ewa Main Silve Main Silve Main Silve Mole Luminous flux adjustable Positions Emergency diviring Emandle Average Positions RG1 Connection type Crimping With protective cover Average Average	Dimming phase cut-on (leading edge)	×	
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 Light distribution Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/200/EU Degree of protection (IP) Degree of protection (NEMA) Impact strength Impact strength Protection class according to EN 60598-2-24 Emergency power supply system Emergency function monitoring system Suitable for emergency lighting Emergency function monitoring system Suitable for emergency lighting Filament test according to EN 62471 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Deam angle adjustable Positions	Dimming potentiometer (integrated)		
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Dimming Touch and Dim Dimming Zigbee Dimming with push-button Light distributor Light distributor Reflector Renery efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Seam angle Colour consistency (McAdam ellipse) Degree of protection (IP) Degree of protection (NEMA) Impact strength Protection class according to EN 60598-2-24 Emergency power supply system Emergency function monitoring system Suitable for emergency lighting Filament test according to IEC 60695-2-11 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Positions Beam angle adjustable Positions Very consistency Very consistency Symmetric Symmetric Symmetric None Extreme wide beam SDCM5 SDCM5 SDCM5 SDCM5 SDCM5 IP65 BCM3 ** ** ** ** ** ** ** ** **	Dimming RF	×	
Dimming Zigbee Dimming with push-button Light distributor Diffuser lens/optic/panel Light distribution Reflector Reflector Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle Colour consistency (McAdam ellipse) Degree of protection (IP) Degree of protection (NEMA) Impact strength Ikusa Protection class according to EN 650598-2-24 Emergency power supply system Emergency function monitoring system Suitable for emergency lighting Filament test according to IEC 60695-2-11 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Positions Emergen of wiring Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3 ** Diffuser lens/optic/panel ** Diffuser lens/optic/panel ** Diffuser lens/optic/panel ** Diffuser lens/optic/panel ** Diffuser lens/optic/panel ** None Daymetric None Description Symmetric None Description According to EU regulation value light symmetric Symmetric None Description None ** ** ** ** ** ** ** ** **	Dimming Sine Wave Reduction	×	
Dimming with push-button Light distributor Light distribution Reflector Reflector Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle Colour consistency (McAdam ellipse) Degree of protection (IP) Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 Emergency power supply system Suitable for emergency lighting Filament test according to IEC 60695-2-11 Colour of light Colour endering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Positions Vaning Finding Finding Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3 ** ** Diffuser lens/optic/panel ** None Diffuser lens/optic/panel Diffuser lens/optic/panel Diffuser lens/optic/panel Plass/optic/panel Plass/optic/panel Anne Symmetric None Damieric Damieric lens/optic/panel Damieric	Dimming Touch and Dim	×	
Light distributor Light distribution Symmetric Reflector None Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle Colour consistency (McAdam ellipse) Degree of protection (IP) Degree of protection (NEMA) Impact strength Protection class according to EU Emergency function monitoring system Suitable for emergency lighting Filament test according to IEC 60695-2-11 Colour of light Colour of light adjustable Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Luminous flux adjustable Type of wiring With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3 ** ** ** ** ** Diffuser lens/optic/panel Symmetric Symmetric Symmetric Symmetric None ** D D Degree of protection 2019/2015 ** Pho5 Degree of protection (NEMA) I H065 Positions Degree of protection (NEMA) #* ** ** ** ** ** ** ** ** *	Dimming Zigbee	×	
Light distribution Reflector Reflector Reflector Reflector Reflector Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle > 80° - Extreme wide beam Colour consistency (McAdam ellipse) SDCM5 Degree of protection (IP) IP65 Degree of protection (NEMA) Impact strength Ik08 Protection class according to IEC 61140 Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 Emergency power supply system Suitable for emergency lighting Filament test according to IEC 60695-2-11 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Type of wiring Ending Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3 ** ** ** ** ** ** ** ** **	Dimming with push-button	×	
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Energy efficiency class of the light source according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle > 80° - Extreme 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 ILuminaire 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 Colour of light White Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 Constant light output (CLO) ** Colour of light adjustable Positions Beam angle adjustable No Luminous flux adjustable Positions Type of wiring Ending With protective cover ** Operation by Bluetooth Ball-proof according to DIN 18032-3 **	Light distribution	Symmetric	
according to EU regulation 2019/2015 Containing product according to 2019/2020/EU Beam angle > 80° - Extreme 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 Colour of light White Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 Constant light output (CLO) ** Colour of light adjustable Positions Beam angle adjustable No Luminous flux adjustable Positions Type of wiring Ending With protective cover ** Operation by Bluetooth ** Ball-proof according to IN 18032-3 **	Reflector	None	
Beam angle > 80° - Extreme 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 Suitable for emergency lighting ★ Filament test according to IEC 60695-2-11 Colour of light White Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 Constant light output (CLO) ★ Colour of light adjustable Positions Beam angle adjustable No Luminous flux adjustable Positions Type of wiring Ending With protective cover ★ Operation by Bluetooth Ball-proof according to DIN 18032-3 ★ ** ** ** ** ** ** ** ** **		D	
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Degree of protection (NEMA) Impact strength Protection class according to IEC 61140 Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 Emergency power supply system Emergency function monitoring system Suitable for emergency lighting Filament test according to IEC 60695-2- 11 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Type of wiring Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Colour consistency (McAdam ellipse)	SDCM5	
Impact strength IK08 Protection class according to IEC 61140 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 Colour of light White Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 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 **	Degree of protection (IP)	IP65	
Protection class according to IEC 61140 Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24 Emergency power supply system Emergency function monitoring system Suitable for emergency lighting Filament test according to IEC 60695-2- 11 Colour of light Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Luminous flux adjustable Type of wiring Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Degree of protection (NEMA)	4	
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Suitable for emergency lighting Filament test according to IEC 60695-2- 750 °C - 30 s 11 Colour of light White Colour rendering index CRI Photobiological safety according to EN 62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Luminous flux adjustable Type of wiring Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Emergency power supply system	None	
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11 Colour of light White Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 Constant light output (CLO)	Suitable for emergency lighting	×	
Colour rendering index CRI 80-89 Photobiological safety according to EN 62471 Constant light output (CLO)		750 °C - 30 s	
Photobiological safety according to EN 62471 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	Colour of light	White	
62471 Constant light output (CLO) Colour of light adjustable Beam angle adjustable Luminous flux adjustable Positions Type of wiring Ending Connection type Crimping With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Colour rendering index CRI	80-89	
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Beam angle adjustable Luminous flux adjustable Type of wiring Connection type With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Constant light output (CLO)	×	
Luminous flux adjustable Positions Type of wiring Ending Connection type Crimping With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Colour of light adjustable	Positions	
Type of wiring Ending Connection type Crimping With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Beam angle adjustable	No	
Connection type Crimping With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3	Luminous flux adjustable	Positions	
With protective cover Operation by Bluetooth Ball-proof according to DIN 18032-3 *	Type of wiring	Ending	
Operation by Bluetooth Ball-proof according to DIN 18032-3 *	Connection type	Crimping	
Ball-proof according to DIN 18032-3	With protective cover	×	
Zan proof according to Zirt 10002 o	Operation by Bluetooth	×	
M	Ball-proof according to DIN 18032-3	×	
Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C) ✓	Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C)	*	

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