



SmartBright Highbay G3

BY239P LED100/CW PSU

Power supply unit - - - Polycarbonate bowl/cover foggy - 100°

SmartBright Highbay G3 is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

Product data

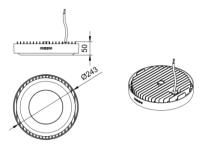
General information		CE mark	CE mark
		_ ENEC mark	
Beam angle of light source	- °	Warranty period	3 years
Light source color	865 cool daylight		
Light source replaceable	No	- Constant light output	No
Number of gear units	1 unit	EU RoHS compliant	No
Driver/power unit/transformer	PSU [Power supply unit]	Light source engine type	LED
Driver included	Yes	Service tag	Yes
Optic type	No [-]	=	
Optical cover/lens type	Polycarbonate bowl/cover foggy	Operating and electrical	
Luminaire light beam spread	100°	_ operating and discusses	
Control interface	-	Input Voltage	220 to 240 V
Connection	No [-]	Input Frequency	50 to 60 Hz
Cable	Cable 0.3 m without plug	Initial CLO power consumption	- W
Protection class IEC	Safety class I (I)	Average CLO power consumption	- W
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]	Inrush current	10.6 A
Flammability mark	NO [-]	Inrush time	0.13 ms
		=-	

Number of products on MCB of 16 A type B 24

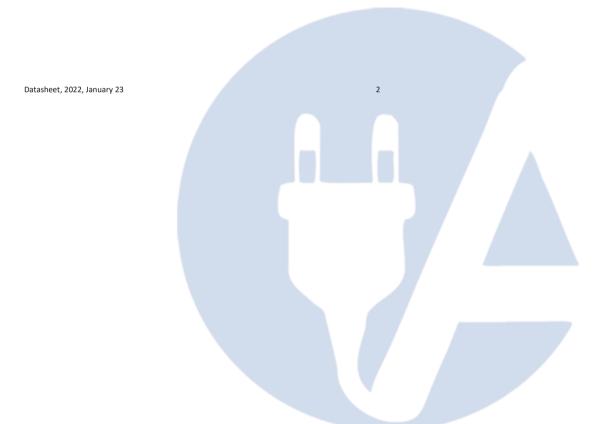
Datasheet, 2022, January 23 data subject to change

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Power Factor (Min)	0.9	Init. Color Rendering Index	80
		Initial chromaticity	(0.313.0.324)SDCM<5
Controls and dimmins		Initial input power	97 W
Controls and dimming		Power consumption tolerance	+/-10%
Dimmable	No		
-		Median useful life L70B50	30000 h
		Median useful life L80B50	20000 h
Mechanical and housing		Median useful life L90B50	10000 h
Housing Material	Aluminum die-cast	_	
Reflector material	-	Application conditions	
Optic material	-		
Optical cover/lens material	Polycarbonate	Ambient temperature range	-20 to +45 °C
Fixation material	Aluminum	Maximum dim level	Not applicable
Optical cover/lens finish	Frosted		
Overall height	50 mm	Donadorat data	
Overall diameter	243 mm	— Product data	
Color	Dark gray	Full product code	911401564651
		Order product name	BY239P LED100/CW PSU
Approval and application		EAN/UPC - Product	6923828633530
		Order code	911401564651
Ingress protection code	IP65 [Dust penetration-protected, jetproof]	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	4
Mech. impact protection code	IK06 [1 J]	Material Nr. (12NC)	911401564651
		Net Weight (Piece)	1.500 kg
		650°C P 65 K 06 Over to	me performance (IEC compliant)
Initial performance (IEC compliant)			
Initial luminous flux (system flux)	10000 lm		
Luminous flux tolerance	+/-10%	- 7	
Initial LED luminaire efficacy	103 lm/W		
Init. Corr. Color Temperature	6500 K		



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