



SmartBright Highbay G3

BY238P LED100/CW PSU RLC

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
Beam angle of light source	- °	ENEC mark	-
Light source color	865 cool daylight	Warranty period	3 years
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB of 16 A type B	24
Driver/power unit/transformer	Power supply unit	EU RoHS compliant	No
Driver included	Yes	Light source engine type	LED
Optic type	-	Service tag	Yes
Optical cover/lens type	Polycarbonate bowl/cover foggy	Operating and Electrical	
Luminaire light beam spread	100°	Input Voltage	220 to 240 V
Control interface	-	Input Frequency	50 to 60 Hz
Connection	-	Initial CLO power consumption	- W
Cable	Cable 0.3 m without plug	Average CLO power consumption	- W
Protection class IEC	Safety class I	Inrush current	10.6 A
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush time	0.13 ms
Flammability mark	-		

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Power Factor (Min)	0.9
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Optical cover/lens finish	Frosted
Overall height	50 mm
Overall diameter	243 mm
Color	Dark gray

Approval and Application

Ingress protection code	IP50 [Dust accumulation-protected]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	103 lm/W
Init. Corr. Color Temperature	6500 K

Init. Color Rendering Index	80
Initial chromaticity	(0.313.0.324)SDCM<5
Initial input power	97 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h
Median useful life L80B50	20000 h
Median useful life L90B50	10000 h

Application Conditions

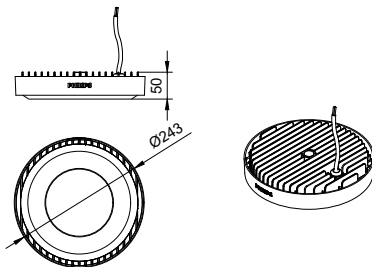
Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable

Product Data

Full product code	911401582651
Order product name	BY238P LED100/CW PSU RLC
Order code	911401582651
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	911401582651
Net Weight (Piece)	1.400 kg



Dimensional drawing



BY228P/BY238P/BY239P SmartBright Highbay

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