



SmartBright Lumen & Colour Select Highbay

BY240P 200W_100W/840_850/WB G2

SmartBright Lumen & Colour Select Highbay, 200 W, 150 W, 100 W, 28000 lm, 22000 lm, 15000 lm, Selectable, 93°

The SmartBright Lumen and Colour Selectable Highbay delivers unparalleled flexibility for a wide range of applications. Colour selectable (4000K/4500K/5000K) and lumen selectable from 15K to 28K lumens in the one handy package makes this the only highbay you need for almost any application. An optional motion sensor adds strong energy saving credentials.

Product data

General Information		Operating and Electrical	
Number of gear units	1 unit	Luminaire light beam spread	93°
Gear	-	Unified glare rating CEN	31
Driver included	Yes	Effective projected area	0.102 m ²
Light source engine type	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	5 years	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	68 A
Luminous Flux	28,000 22,000 15,000 lm	Inrush time	0.213 ms
Correlated Color Temperature (Nom)	Selectable	Power Consumption	200 150 100 W
Luminous Efficacy (rated) (Nom)	140 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	80	Connection	-
Beam angle of light source	92 degree(s)	Cable	Cable with plug
Light source color	Multi Color Temperature	Number of products on MCB of 16 A type B	6
Optic type	Wide beam	Suitable for random switching	Not applicable

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Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	-
Control interface	-
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Suspension set simple, standard
Optical cover finish	Opal
Overall height	119 mm
Overall diameter	320 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Lens
Net Weight (Piece)	2.460 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	No
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-30 to +50 °C

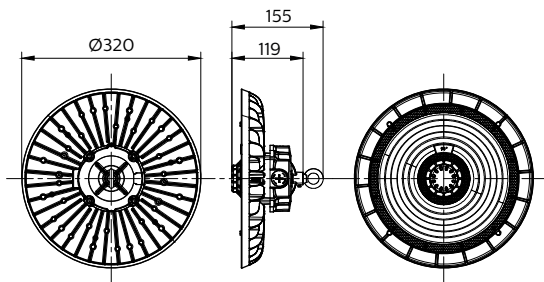
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM \leq 5
Power consumption tolerance	+/-10%

Product Data

Order product name	BY240P 200W_100W/840_850/WB G2
Full product name	BY240P 200W_100W/840_850/WB G2
Full product code	872016975378500
Order code	911401812887
Material Nr. (12NC)	911401812887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169753785
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169753785

Dimensional drawing



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