



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	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Light Technical	
Luminous Flux	28,000 22,000 15,000 lm
Luminous Efficacy (rated) (Nom)	140 lm/W
Correlated Color Temperature (Nom)	Selectable
Color rendering index (CRI)	80
Beam angle of light source	92 degree(s)
Light source color	Multi Color Temperature
Optic type	Wide beam
Optical cover type	Lens

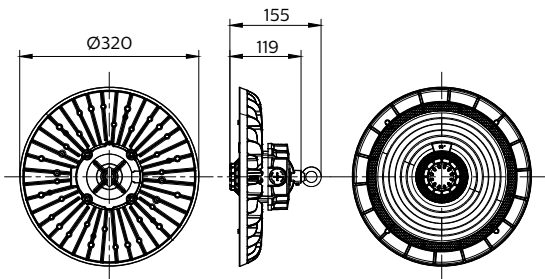
Luminaire light beam spread	93°
Unified glare rating CEN	31
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	68 A
Inrush time	0.213 ms
Power Consumption	200 150 100 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable with plug
Number of products on MCB of 16 A type B 6	

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Temperature	
Ambient temperature range	-30 to +50 °C
Controls and Dimming	
Dimmable	-
Control interface	-
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
Effective projected area	0.102 m²
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	-
ENEC mark	-
Warranty period	5 years

Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
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
Net Weight (Piece)	2.460 kg
EAN/UPC - Product/Case	8720169753785
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169753785

Dimensional drawing



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