



SmartBright Lumen & Colour Select Highbay

BY240P LED150_220_280S/840_50_65 WB EM

SmartBright Lumen & Colour Select Highbay, 195 W, 100 W, 28000 lm, 15000 lm, 4000 K, 5000 K, 6500 K

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		Electrical	
Driver included	Yes	Line Frequency	50 or 60 Hz
Light source engine type	LED	Inrush current	68 A
Value ladder	Value	Inrush time	0.213 ms
		Power Consumption	195 100 W
		Power Factor (Fraction)	0.9
		Number of products on MCB of 16 A type B	9
		Protection class IEC	Safety class I
Light Technical		Controls and Dimming	
Luminous Flux	28,000 15,000 lm	Dimmable	Step Dim
Correlated Color Temperature (Nom)	4000 5000 6500 K	Control interface	-
Luminous Efficacy (rated) (Nom)	155 140 lm/W		
Color rendering index (CRI)	≥80	Mechanical and Housing	
Light source color	Multi Color Temperature	Housing Material	Aluminum die-cast
Unified glare rating CEN	31	Optical cover material	Polycarbonate
Effective projected area	0.08 m ²	Housing Color	Black
Operating and Electrical			
Input Voltage	220 to 240 V		

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Optical cover finish	Clear
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	Polycarbonate
Net Weight (Piece)	2.450 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	No
Ambient temperature range	-30 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38); (0.31, 0.34) SDCM≤5

Power consumption tolerance	+/-10%
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Product Data

Order product name	BY240P LED150_220_280S/840_50_65 WB EM
Full product name	BY240P LED150_220_280S/840_50_65 WB EM
Full product code	871016333395300
Order code	911401856687
Material Nr. (12NC)	911401856687
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163333953
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163333953

Dimensional drawing

