



# SmartBright Lumen & Colour Select Highbay – Trusted performance. Everyday.

## SmartBright Lumen & Colour Select Highbay

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.

### Benefits

- High efficacy maximum energy saving
- Robust and reliable
- Long Time, Long warranty

### Features

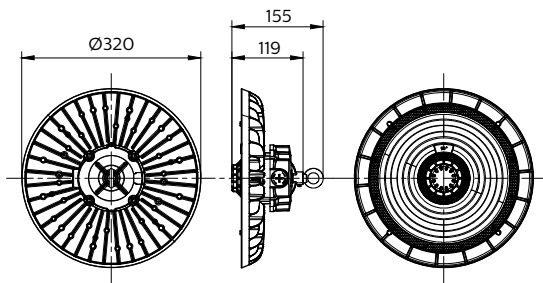
- High Efficiency, up to 140lm/W
- Robust design, diecast housing, IP65 & IK07
- 50,000hrs and 5yr warranty as standard
- Optional Motion Sensor & programmer
- Daylight regulation functionality (with sensor option)

# SmartBright Lumen & Colour Select Highbay

## Application

- Warehouses
- Distribution Centres
- General Manufacturing Centres
- Exhibition Halls
- High Ceiling Applications

## Dimensional drawing



## Product details



BY240P G2



BY240P G2



BY240P G2 Selector

# SmartBright Lumen & Colour Select Highbay

General Information	
Driver included	Yes
Gear	-
Light Technical	
Luminous Flux	28,000 lm
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Mechanical and Housing	
Housing Color	Black
Mech. impact protection code	IK07
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	-30 to +50 °C
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces

## General Information

Order Code	Full Product Name	Number of gear units
911401812887	BY240P 200W_100W/840_850/WB G2	1 unit
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	-
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	-
911401856787	BY240P LED150_220_280S/840_50_65 WB SA	-

## Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401812887	BY240P 200W_100W/840_850/WB G2	92 degree(s)	Selectable	80	140 lm/W
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	-	4000 K	≥80	155 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	-	4000 K	≥80	155 lm/W
911401856787	BY240P LED150_220_280S/840_50_65 WB SA	-	4000 K	≥80	155 lm/W

## Light Technical (2/2)

Order Code	Full Product Name	Optic type
911401812887	BY240P 200W_100W/840_850/WB G2	Wide beam
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	-

Order Code	Full Product Name	Optic type
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	-
911401856787	BY240P LED150_220_280S/840_50_65 WB SA	-

## Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power Consumption	Suitable for random switching
911401812887	BY240P 200W_100W/840_850/WB G2	50 to 60 Hz	200 W	Not applicable
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	50 or 60 Hz	195 W	-

Order Code	Full Product Name	Line Frequency	Power Consumption	Suitable for random switching
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	50 or 60 Hz	195 W	-

## SmartBright Lumen & Colour Select Highbay

Order Code	Full Product Name	Line	Power	Suitable for
		Frequency	Consumption	random switching
911401856787	BY240P LED150_220_280S/ 840_50_65 WB SA	50 or 60 Hz	195 W	-

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim
			level
911401812887	BY240P 200W_100W/840_850/WB G2	-	Not applicable
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	Step Dim	-
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	Step Dim	-

Order Code	Full Product Name	Dimmable	Maximum dim
			level
911401856787	BY240P LED150_220_280S/840_50_65 WB SA	Step Dim	-

### Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401812887	BY240P 200W_100W/840_850/WB G2	Lens
911401822787	BY240P LED150_220_280S/840_50_65 WB GC	Polycarbonate

Order Code	Full Product Name	Optical cover type
911401856687	BY240P LED150_220_280S/840_50_65 WB EM	Polycarbonate
911401856787	BY240P LED150_220_280S/840_50_65 WB SA	Polycarbonate

### Approval and Application

Order Code	Full Product Name	CE mark	Glow-wire test
911401812887	BY240P 200W_100W/840_850/WB G2	No	Temperature 650 °C, duration 30 s
911401822787	BY240P LED150_220_280S/ 840_50_65 WB GC	Yes	-

Order Code	Full Product Name	CE mark	Glow-wire test
911401856687	BY240P LED150_220_280S/ 840_50_65 WB EM	No	-
911401856787	BY240P LED150_220_280S/ 840_50_65 WB SA	No	-

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous
			flux tolerance
911401812887	BY240P 200W_100W/ 840_850/WB G2	(0.38, 0.38) SDCM≤5	-10% / +10%
911401822787	BY240P LED150_220_280S/ 840_50_65 WB GC	(0.38, 0.38); (0.31, 0.34) SDCM≤5	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous
			flux tolerance
911401856687	BY240P LED150_220_280S/ 840_50_65 WB EM	(0.38, 0.38); (0.31, 0.34) SDCM≤5	+/-10%
911401856787	BY240P LED150_220_280S/ 840_50_65 WB SA	(0.38, 0.38); (0.31, 0.34) SDCM≤5	+/-10%

