# Lighting

**PHILIPS** 



## SmartBright Lumen & Colour Select Highbay

### BY240P 200W\_100W/840\_850/WB PSR SAA G2

#### Polycarbonate

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		
Light source color	White	
Optical cover/lens type	Polycarbonate	
Control interface	-	
Protection class IEC	Safety class I	
Flammability mark	For mounting on normally flammable	
	surfaces	
CE mark	-	
Number of products on MCB of 16 A type B 8		
Light source engine type	-	
Operating and electrical		
Input Voltage	220 to 240 V	
Input Frequency	50 or 60 Hz	
Inrush current	65 A	
Power Factor (Min)	0.9	

Controls and dimming	
Dimmable	No
Mechanical and housing	
Housing Material	Aluminum die-cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	143 mm
Overall diameter	380 mm
Color	Black
Approval and application	
Ingress protection code	IP65 [ Dust penetration-protected, jet-
	proof]
Mech. impact protection code	6 J (IK08)

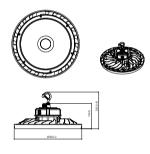
#### SmartBright Lumen & Colour Select Highbay

Initial performance (IEC complian	t)
Initial luminous flux (system flux)	28000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	200 W
Power consumption tolerance	+/-10%
Application conditions	
Ambient temperature range	-30 to +45 ℃

Product data	
Full product code	871951454588500
Order product name	BY240P 200W_100W/840_850/WB PSR
	SAA G2
EAN/UPC - Product	8719514545885
Order code	911401891882
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401891882
Net Weight (Piece)	3.200 kg



#### **Dimensional drawing**



BY240P 200W\_100W/840\_850/WB PSR UNV SAA



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