



Competitive industrial solution with an excellent look & feel

SmartBright HighBay BY320P 120-277V

SmartBright Highbay continuously explores a better balance of price and performance. The product family offers a wide range of products, excellent specification and sufficiently competitive with quality and long-term reliability, covering the majority of industrial applications

Benefits

- Strong energy saving history
- Robust and reliable with long lifetime
- Better and easier on-site calibration
- Various application requirements satisfied with the complete family of products

Features

- 50.000 h (Calculated L70B50) @35°C
- CW (6500K) and NW (4000K)
- IP65 / IK07
- 140 lm/W
- 3 lumen packages: 14.000, 21.000 and 28.000 lm
- 120-277V~, 50/60 Hz

Application

- Manufacturing areas
- Showrooms and high ceiling halls
- Warehouses and logistics centers

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Warnings and Safety

- The Luminaire must be used within the applicable product specifications, installation instructions and environmental conditions for storage and operations according to application guidelines provided by Signify for product Warranty to be valid
- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements
- Turn power off before inspection, installation or removal
- Before using, external earthing is must be required. Earthing is also must be required in its whole life
- The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc. must be avoided during the use and storage

Versions



SmartBright HighBay BY320P G2

SmartBright HighBay BY320P G2

General Information	
Driver included	Yes
Light source replaceable	No
Light Technical	
Color rendering index (CRI)	≥80
Luminous Efficacy (rated) (Nom)	140 lm/W
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Gray
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	-20 °C to 50 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

		Correlated Color Temperature	
Order Code	Full Product Name	(Nom)	Luminous Flux
911401885985	BY320P G2 LED210/NW PSU 120-277 WB	4000 K	21,000 lm
911401886085	BY320P G2 LED210/CW PSU 120-277 WB	6500 K	21,000 lm
911401886185	BY320P G2 LED210/CW PSU 120-277 MB	6500 K	21,000 lm
911401885685	BY320P G2 LED140/NW PSU 120-277 WB	4000 K	14,000 lm
911401885785	BY320P G2 LED140/CW PSU 120-277 WB	6500 K	14,000 lm
911401885885	BY320P G2 LED140/CW PSU 120-277 MB	6500 K	14,000 lm
911401886285	BY320P G2 LED280/NW PSU 120-277 WB	4000 K	28,000 lm
911401886385	BY320P G2 LED280/CW PSU 120-277 WB	6500 K	28,000 lm
911401886485	BY320P G2 LED280/CW PSU 120-277 MB	6500 K	28,000 lm

Operating and Electrical

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Order Code	Full Product Name	Power Consumption
911401885985	BY320P G2 LED210/NW PSU 120-277 WB	150 W
911401886085	BY320P G2 LED210/CW PSU 120-277 WB	150 W
911401886185	BY320P G2 LED210/CW PSU 120-277 MB	150 W
911401885685	BY320P G2 LED140/NW PSU 120-277 WB	100 W
911401885785	BY320P G2 LED140/CW PSU 120-277 WB	100 W

Order Code	Full Product Name	Power Consumption
911401885885	BY320P G2 LED140/CW PSU 120-277 MB	100 W
911401886285	BY320P G2 LED280/NW PSU 120-277 WB	200 W
911401886385	BY320P G2 LED280/CW PSU 120-277 WB	200 W
911401886485	BY320P G2 LED280/CW PSU 120-277 MB	200 W

