PHILIPS

SmartBright HighBay
BY320P 120-277V

8869634



Competitive industrial solution with an excellent look & feel

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

Applications

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

Features

- 50.000 h (Calculated L70B50) @35^{0}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

- The Luminaire must be used within the applicable product specifications, installation instructions and environmental conditions for storage andoperations 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



SmartBright HighBay BY320P G2

General Information

Light source replaceable	No
Driver included	Yes

Light Technical

Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	≥80

Operating and Electrical

Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Approval and Application

Ambient temperature range	-20 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

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

Operating and Electrical

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
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

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