PHILIPS

BY320P G2 LED140/CW PSU 120-277 MB

911401885885



SmartBright HighBay BY320P 120-277V, 100 W, 14000 lm, 6500 K

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

Warnings and Safety

- 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

General Information

Light source replaceable	No
Driver included	Yes

Light Technical

Luminous Flux	14,000 lm
Correlated Color Temperature (Nom)	6500 K

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
Inrush current	42 A
Inrush time	0.65 ms
Power Consumption	100 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.5 m without plug
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Housing Color	Gray
Overall height	121 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Net Weight (Piece)	1.560 kg

Approval and Application

Ambient temperature range	-20 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50.000 hour(s)

Product Data

Order product name	BY320P G2 LED140/CW PSU 120-277 MB
Full product name	BY320P G2 LED140/CW PSU 120-277 MB
Full product code	872016973355800
Order code	911401885885
Material Nr. (12NC)	911401885885
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169733558
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169733558

Related Documents

Photometry and lighting design	Document Name	Download
IES File	BY320PG2LED140CWPSU120-277MB.ies	Download

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