



Competitive industrial solution with an excellent look & feel

SmartBright HighBay BY321P

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

Features

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

Application

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

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Warnings and Safety

- 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 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 corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc. must be avoided during the use and storage

Versions



SmartBright HighBay BY321P

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	
Input Voltage	120 to 277 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Protection class IEC	Safety class I
Ingress protection code	IP65
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401827282	BY321P LED140/NW PSU 120-277 WB	4000 K	14,000 lumen
911401827482	BY321P LED210/NW PSU 120-277 WB	4000 K	21,000 lumen
911401827682	BY321P LED280/NW PSU 120-277 WB	4000 K	28,000 lumen
911401827382	BY321P LED140/CW PSU 120-277 WB	6500 K	14,000 lumen
911401827582	BY321P LED210/CW PSU 120-277 WB	6500 K	21,000 lumen
911401827782	BY321P LED280/CW PSU 120-277 WB	6500 K	28,000 lumen

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Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401827282	BY321P LED140/NW PSU 120-277 WB	100 W
911401827482	BY321P LED210/NW PSU 120-277 WB	150 W
911401827682	BY321P LED280/NW PSU 120-277 WB	200 W

Order Code	Full Product Name	Power Consumption
911401827382	BY321P LED140/CW PSU 120-277 WB	100 W
911401827582	BY321P LED210/CW PSU 120-277 WB	150 W
911401827782	BY321P LED280/CW PSU 120-277 WB	200 W

