



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



Application conditions	
Ambient temperature range	-20 to +45 °C
Approval and application	
Ingress protection code	IP65
Controls and dimming	
Dimmable	No
Operating and electrical	
Input Voltage	120 to 277 V
General information	
Protection class IEC	Safety class I
Driver included	Yes
Light source replaceable	No
Initial performance (IEC compliant)	
Init. Color Rendering Index	>80
Initial LED luminaire efficacy	140 lm/W
Luminous flux tolerance	+/-10%
Mechanical and housing	
Color	Gray

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
911401827282	BY321P LED140/NW PSU 120-277 WB	4000 K	14000 lm	100 W
911401827482	BY321P LED210/NW PSU 120-277 WB	4000 K	21000 lm	150 W
911401827682	BY321P LED280/NW PSU 120-277 WB	4000 K	28000 lm	200 W
911401827382	BY321P LED140/CW PSU 120-277 WB	6500 K	14000 lm	100 W
911401827582	BY321P LED210/CW PSU 120-277 WB	6500 K	21000 lm	150 W
911401827782	BY321P LED280/CW PSU 120-277 WB	6500 K	28000 lm	200 W

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