



# 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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