

Ledinaire High-bay

BY020P



Proven quality. Effortless installation. Every time Your dependable and affordable choice for every job

The Ledinaire highbay range contains a selection of off-the-shelf highbay LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire highbay enables, simple and flexible installation, either on a hook, or optional bracket. Products can be installed with optional reflectors for lower glare.

Benefits

- Philips quality and reliability
- Energy savings
- Easy and quick installation
- Wide application coverage

Applications

- Warehouses
- Manufacturing

Features

- Modern, unobtrusive design
- Two lumen packages and sizes; 10,000lm 24cm (BY020P), 20,000lm 34cm (BY021P)
- High protection rates (IP65) rating perfect for any application
- Including IP65 connector
- Single suspension with installation hook

Versions

Ledinaire Highbay BY020P G3



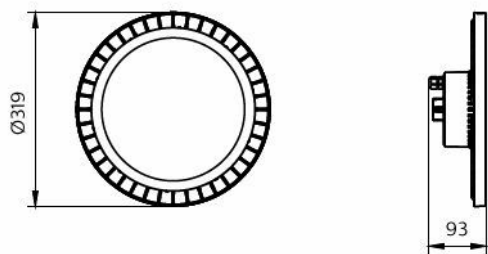
Ledinaire Highbay BY021P G3



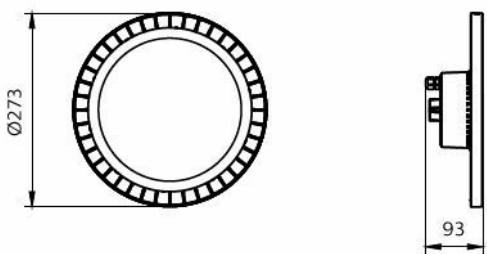
Ledinaire Highbay All-in BY30P



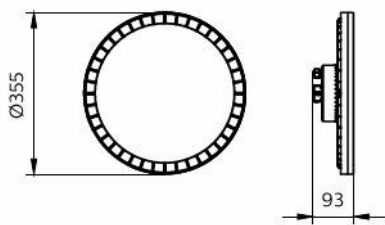
Dimensional drawing



BY021P G3 LED200S/840 PSU WB GR

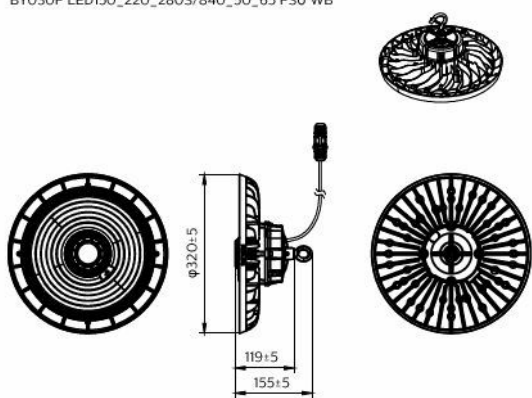


BY020P G3 LED105S/840 PSU WB GR



BY022P G3 LED280S/840 PSU WB GR

BY030P LED150_220_280S/840_50_65 PSU WB



BY030P LED150_220_280S/840_50_65 PSU WB

Product details



Ledinaire BY030P CCT swtch
DDP3



Ledinaire BY030P sensor
install DPP

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	No

Light Technical

Color rendering index (CRI)	>80
Beam angle of light source	116 degree(s)

Operating and Electrical

Line Frequency	50 or 60 Hz
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Explosion hazard class	-

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.9

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficiency (rated) (Nom)	Optic type	All-in Type
76135300	BY020P G3 LED105S/840 PSU WB GR	10,500 lm	4000 K	150 lm/W	Wide beam	-
76136000	BY021P G3 LED200S/840 PSU WB GR	20,000 lm	4000 K	150 lm/W	Wide beam	-
76137700	BY022P G3 LED280S/840 PSU WB GR	28,000 lm	4000 K	150 lm/W	Wide beam	-
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	15,000 lm 22,000 lm 28,000 lm	4000 K 5000 K 6500 K	152 lm/W 142 lm/W	Symmetrical	All-in, Multi Lumen All-in, Multi Color Temperature

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption	Suitable for random switching
76135300	BY020P G3 LED105S/840 PSU WB GR	220-240 V	70 W	Yes
76136000	BY021P G3 LED200S/840 PSU WB GR	220-240 V	133 W	Yes
76137700	BY022P G3 LED280S/840 PSU WB GR	220-240 V	185 W	Yes
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	220 to 240 V	195 W 145 W 100 W	No

Controls and Dimming

Order Code	Full Product Name	Embedded control
76135300	BY020P G3 LED105S/840 PSU WB GR	Constant light output
76136000	BY021P G3 LED200S/840 PSU WB GR	Constant light output
76137700	BY022P G3 LED280S/840 PSU WB GR	Constant light output
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	-

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Mech. impact protection code
76135300	BY020P G3 LED105S/840 PSU WB GR	Grey	IK06
76136000	BY021P G3 LED200S/840 PSU WB GR	Grey	IK06
76137700	BY022P G3 LED280S/840 PSU WB GR	Grey	IK06
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	Aluminum and black	IK07

Approval and Application

Order Code	Full Product Name	Ambient temperature range
76135300	BY020P G3 LED105S/840 PSU WB GR	-20 °C to 45 °C
76136000	BY021P G3 LED200S/840 PSU WB GR	-20 °C to 45 °C
76137700	BY022P G3 LED280S/840 PSU WB GR	-20 °C to 45 °C
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	-30 to +50 °C

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance	Initial chromaticity
76135300	BY020P G3 LED105S/840 PSU WB GR	+/-10%	0.38;0.38
76136000	BY021P G3 LED200S/840 PSU WB GR	+/-10%	0.38;0.38
76137700	BY022P G3 LED280S/840 PSU WB GR	+/-10%	0.38;0.38
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	-10% / +10%	(0.38, 0.38); (0.31, 0.34) SDCM≤5

