Ledinaire highbay – For your everyday lighting jobs, easy to choose from the shelve and to install.

Ledinaire High-bay

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

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

Ledinaire High-bay

## Application

· Warehouses

· Manufacturing

Versions

Ledinaire Highbay BY020P G3

Ledinaire Highbay All-in BY30P

Dimensional drawing

Ø319

93

Ø273

93

Ø355

93

BY030P LED150_220_280S/840_50_65 PSU WB

φ320±5

119±5

155±5
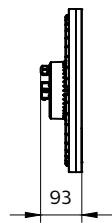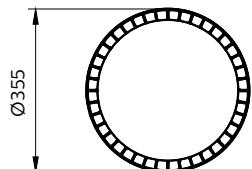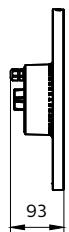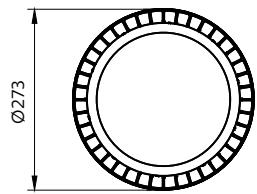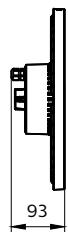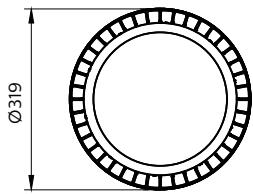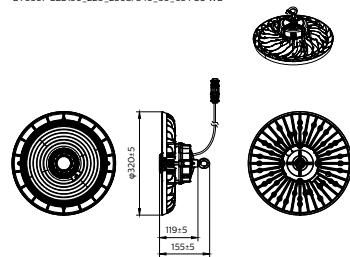
Ledinaire High-bay

Product details

Ledinaire BY030P CCT swtch DDP3

Ledinaire BY030P sensor install DPP

General Information

Driver included	Yes
Number of gear units	1 unit

Light Technical

Correlated Color Temperature (Nom)	4000 K

Operating and Electrical

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

Controls and Dimming

Dimmable	No

Mechanical and Housing

Explosion hazard class	–
Ingress protection code	IP65

Emergency Operation

Central Emergency	No

Approval and Application

CE mark	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 ℃, duration 30 s
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1

Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Beam angle of light source	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
76135300	BY020P G3 LED105S/840 PSU WB GR	–	116 degree(s)	80	150 lm/W
76136000	BY021P G3 LED200S/840 PSU WB GR	–	116 degree(s)	80	150 lm/W
76137700	BY022P G3 LED280S/840 PSU WB GR	–	116 degree(s)	80	150 lm/W
75897100	BY030P LED150_220_280S/ 840_50_65 PSU WB	All-in, Multi Lumen	–	>80	152 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Optic type
76135300	BY020P G3 LED105S/840 PSU WB GR	10,500 lm	Wide beam
76136000	BY021P G3 LED200S/840 PSU WB GR	20,000 lm	Wide beam
76137700	BY022P G3 LED280S/840 PSU WB GR	28,000 lm	Wide beam

Order Code	Full Product Name	Luminous Flux	Optic type
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	15,000 lm	Symmetrical

Operating and Electrical

Ledinaire High-bay

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

Order Code	Full Product Name	Input Voltage	Power Consumption	Suitable for random switching
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	No

Controls and Dimming

Order Code	Full Product Name	Embedded control	Maximum dim level
76135300	BY020P G3 LED105S/840 PSU WB GR	Constant light output	Not applicable
76136000	BY021P G3 LED200S/840 PSU WB GR	Constant light output	Not applicable

Order Code	Full Product Name	Embedded control	Maximum dim level
76137700	BY022P G3 LED280S/840 PSU WB GR	Constant light output	Not applicable
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

Order Code	Full Product Name	Housing Color	Mech. impact protection code
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	Stroboscopic effect visibility measure (SVM)
76135300	BY020P G3 LED105S/840 PSU WB GR	–20 ℃ to 45 ℃	–
76136000	BY021P G3 LED200S/840 PSU WB GR	–20 ℃ to 45 ℃	–

Order Code	Full Product Name	Ambient temperature range	Stroboscopic effect visibility measure (SVM)
76137700	BY022P G3 LED280S/840 PSU WB GR	–20 ℃ to 45 ℃	–
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	–30 to +50 ℃	0.9

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
76135300	BY020P G3 LED105S/840 PSU WB GR	0.38;0.38	+/-10%
76136000	BY021P G3 LED200S/840 PSU WB GR	0.38;0.38	+/-10%
76137700	BY022P G3 LED280S/840 PSU WB GR	0.38;0.38	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
75897100	BY030P LED150_220_280S/840_50_65 PSU WB	(0.38, 0.38); (0.31, 0.34) SDCM≤5	-10% / +10%

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www.lighting.philips.com

2025, December 13 – data subject to change