



CoreLine highbay gen5: Easy installation. Excellent illumination.

CoreLine Highbay Gen5

CoreLine Highbay Gen5 delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, highly-efficient luminaire with a very long-lifetime, it delivers great energy savings and requires less maintenance. At the same time, CoreLine Highbay is very easy to handle. The luminaire can be installed on your existing grid and the electrical connection is a straightforward task, with no need to open the luminaire and an external IP65 connector. With a choice of two beam angles: narrow and wide beam, you can adjust your lighting plan to suit your exact needs. This range also includes Interact Ready luminaires with integrated wireless communications and integrated movement and daylight sensors. So CoreLine Highbay Gen5 is ready to be used with any Interact connected lighting system.

Benefits

- Saves on energy and maintenance costs
- Easy installation - single suspension hook and external connector, additional mounting bracket for more flexibility
- Ideal for general application projects, with robust design and a high water and dust-proof rating (IP65)
- Choice of four product types: BY121P, BY122P, BY120P and BY122X

CoreLine Highbay Gen5

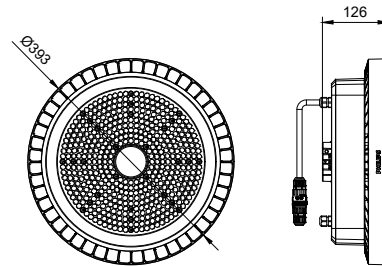
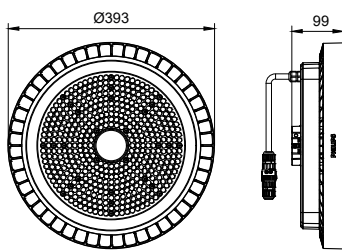
Features

- Long lifetime and high efficiency: 50,000 hours with flux at 85% min. compared to initial level; up to 160lm/W
- Choice of beam options: narrow and wide beam, for low glare without additional accessories
- Modern, high-quality die-cast aluminum housing
- Single point mounting and IP65 external, pre-mounted electrical connector
- Optional versions: DALI dimming, integrated wireless connectivity (Interact Ready)

Application

- General manufacturing
- Exhibition halls
- Warehouses and logistics centers
- High-ceiling lounges

Dimensional drawing



Product details



CoreLine highbay gen5, IP65
connector (PSD)



CoreLine highbay gen5, IP65
connector

CoreLine Highbay Gen5

Product details



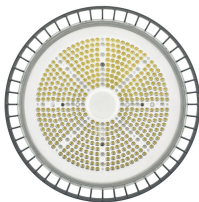
CoreLine highbay gen5, bracket
mounting



CoreLine highbay gen5, bracket
mounting



CoreLine highbay gen5, hook
mounting



CoreLine highbay gen5, BY121P,
front view

CoreLine Highbay Gen5

General Information	
Driver included	Yes
Light source replaceable	No
Service tag	Yes
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Flux	30,000 lm
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Yes
Mechanical and Housing	
Housing Color	Grey
Mech. impact protection code	IK08
Ingress protection code	IP65
Approval and Application	
Ambient temperature range	-30 to +50 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.5
Stroboscopic effect visibility measure (SVM)	1
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.385, 0.380) SDCM<5
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Number of gear units
95600100	BY122P G5 LED300S/840 PSU NB	1 unit
95601800	BY122P G5 LED300S/840 PSU WB	1 unit
95603200	BY122P G5 LED300S/840 PSD WB	2 units

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Optic type
95600100	BY122P G5 LED300S/840 PSU NB	156 lm/W	Narrow beam
95601800	BY122P G5 LED300S/840 PSU WB	156 lm/W	Wide beam

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Optic type
95603200	BY122P G5 LED300S/840 PSD WB	146 lm/W	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
95600100	BY122P G5 LED300S/840 PSU NB	192 W

CoreLine Highbay Gen5

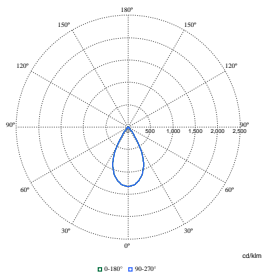
Order Code	Full Product Name	Power Consumption
95601800	BY122P G5 LED300S/840 PSU WB	192 W
95603200	BY122P G5 LED300S/840 PSD WB	205 W

Controls and Dimming

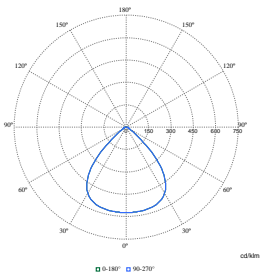
Order Code	Full Product Name	Dimmable	Maximum dim level
95600100	BY122P G5 LED300S/840 PSU NB	No	Not applicable
95601800	BY122P G5 LED300S/840 PSU WB	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
95603200	BY122P G5 LED300S/840 PSD WB	Yes	13%

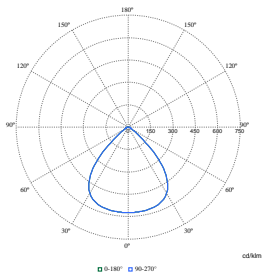
Polar Wide Diagrams



Polar Normal (separate) - null - 911401632608



Polar Normal (separate) - null - 911401632908



Polar Normal (separate) - null - 911401632708

