

Lighting

PHILIPS

CoreLine Highbay Gen5

BY122P G5 LED300S/840 PSU NB

- Power supply unit (ON/OFF) - Beam angle 55° - 55°

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 longlifetime, 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.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Light Technical	
Luminous Flux	30,000 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	156 lm/W
Color rendering index (CRI)	>80

Flickering value (PstLM)	0.5
Stroboscopic effect value (SVM)	1
Light source color	840 neutral white
Optic type	Beam angle 55°
Luminaire light beam spread	55°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz

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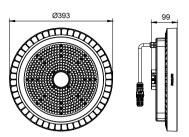
Power Consumption	192 W
Inrush current	54 A
Inrush time	750 ms
Power Factor (Fraction)	0.95
Connection	Connection unit 3-pole
Cable	Cable 0.3 m with connector 3-pole
Number of products on MCB of 16 A type B	6
	
Temperature	
Ambient temperature range	-30 to +50 °C
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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Color	Dark gray
Optical cover/lens finish	Clear
Overall height	99 mm
Overall diameter	393 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years

EN62778Photobiological risk specification18.2 mEU RoHS compliantYesInitial Performance (IEC Compliant)4000 KLuminous flux tolerance+/-10%Init. Corr. Color Temperature4000 KInitial chromaticity(0.385, 0.380) SDCM<5Power consumption tolerance+/-10%Over Time Performance (IEC Compliant)5%Control gear failure rate at median useful life5%50000 hULumen maintenance at median useful life*L8500000 hL65Lumen maintenance at median useful life*L65100000 hULumen maintenance at median useful life*SoApplication ConditionsUPerformance anbient temperature Tq35°CMaximund mi levelNot applicableSuitable for random switchingYesFull product code871951495600100Order product nameS7195149560010Order product name11Anarou11Numerator - Quantity Per Pack1Numerator - Packs per outer box1Nuterial number (12NC)911401632608Nut weight4190 kgFull product nameS1122P C5 LED3005/840 PSU NB	Photokiska dashada	
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CoreLine Highbay Gen5

Dimensional drawing





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