



Coreline Highbay Gen4

BY122P G4 LED250S/840 PSU WB

840 neutral white - Power supply unit - Wide beam - Gray

CoreLine Highbay Gen4 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 savings on energy 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 Gen4 is ready to be used with any Interact connected lighting system.

Product data

General information			
Beam angle of light source	90 x 90 °	Connection	CU3 [Connection unit 3-pole]
Light source colour	840 neutral white	Cable	Cable 0.3 m with connector 3-pole
Light source replaceable	No	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Driver/power unit/transformer	PSU [Power supply unit]	Flammability mark	D [For mounting on easily flammable surfaces]
Driver included	Yes	CE mark	CE mark
Optic type	WB [Wide beam]	ENEC mark	ENEC mark
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Warranty period	5 years
Luminaire light beam spread	90°	Constant light output	No
Control interface	-		

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Number of products on MCB (16 A type B)	8
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
EU RoHS compliant	Yes
Light source engine type	LED
Unified glare rating CEN	26

Operating and electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	64 A
Inrush time	0.75 ms
Power factor (min.)	0.95

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Optical cover/lens finish	Clear
Overall height	90 mm
Overall diameter	510 mm
Colour	Gray

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	25500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	148 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	172 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

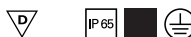
Driver failure rate at 5,000 hours	0.3 %
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application conditions

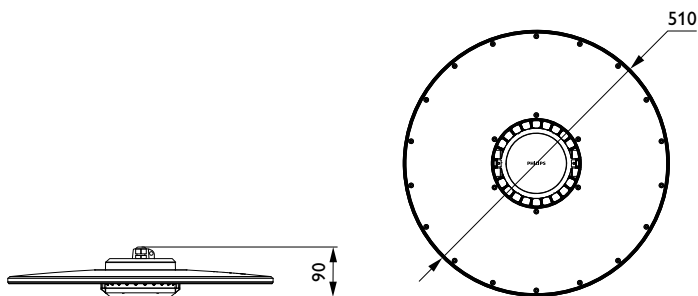
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	35 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes

Product data

Full product code	871016333665700
Order product name	BY122P G4 LED250S/840 PSU WB
EAN/UPC – product	8710163336657
Order code	33665700
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401578451
Net Weight (Piece)	5.800 kg



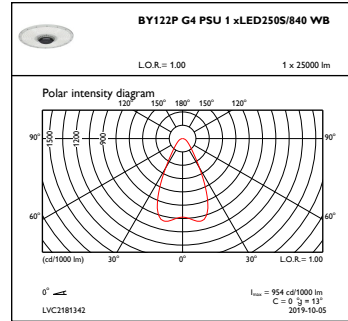
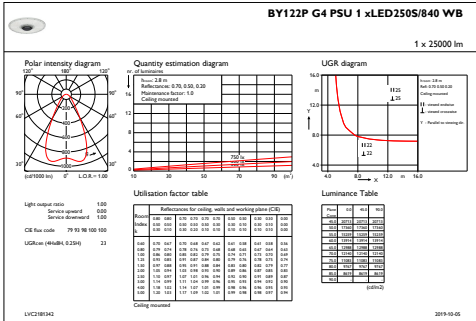
Dimensional drawing



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Photometric data



IFGU1_BY122PG4PSU1xLED250S840WB

OFPC1_BY122PG4PSU1xLED250S840WB

