



# Coreline Highbay Gen4

## BY121P G4 LED200S/840 SRD WB H4

Sensor-ready driver Interact System-ready - Wide beam - 90°

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	
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Sensor-ready driver Interact System-ready
Driver included	Yes
Optic type	WB [ Wide beam]
Luminaire light beam spread	90°
Connection	CU3 [ Connection unit 3-pole]
Cable	Cable 0.3 m with connector 3-pole
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]
Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB (16 A type B)	12

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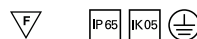
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
EU RoHS compliant	Yes
Unified glare rating CEN	26
<b>Light technical</b>	
Saturated Red	<50
<b>Operating and electrical</b>	
Input Voltage	220-240 V
Input frequency	50 or 60 Hz
Inrush current	5.1 A
Inrush time	760 ms
Power factor (min.)	0.95
<b>Controls and dimming</b>	
Dimmable	Yes
<b>Mechanical and housing</b>	
Housing material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Optical cover/lens finish	Clear
Overall height	460 mm
Overall diameter	450 mm
Colour	Gray
Dimensions (height x width x depth)	460 x NaN x NaN mm
<b>Approval and application</b>	
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [ 0.7 J]
Sustainability rating	-

<b>Initial performance (IEC compliant)</b>	
Initial luminous flux (system flux)	20500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	145 W
Power consumption tolerance	+/-10%

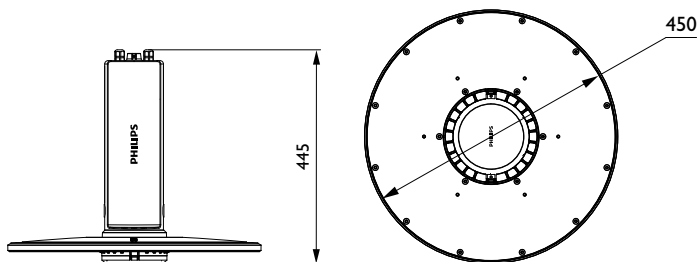
<b>Over time performance (IEC compliant)</b>	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

<b>Application conditions</b>	
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	35 °C
Suitable for random switching	Yes (relates to presence/movement detection and daylight harvesting)

<b>Product data</b>	
Full product code	871951452707200
Order product name	BY121P G4 LED200S/840 SRD WB H4
EAN/UPC – product	8719514527072
Order code	52707200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401507981
Net Weight (Piece)	7.690 kg



## Dimensional drawing



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