



Coreline Highbay Gen4

BY121P G4 LED200S/840 SRD WB SNHR200

Coreline Highbay Gen4 - Power supply unit with SystemReady interface, Interact-ready - Beam angle 90° - Lens - 90°

Following the success of the previous-generation CoreLine High-bay, the upgrade to a new generation further improves performance with new innovation design and provides higher efficiency, longer lifetime (to further improve the total cost of ownership) and optional DALI dimming for even further savings. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay G4 offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid; electrical connection is straightforward – there is no need to open the luminaire for installation or servicing; and being smaller and lighter than conventional luminaires, it is very easy to handle

Product data

General Information			
Light source colour	840 neutral white	Control interface	Internal (no external connection)
Light source replaceable	No	Connection	Push-in connector 3-pole
Number of gear units	1 unit	Cable	Cable 0.3 m with connector 3-pole
Driver/power unit/transformer	Power supply unit with SystemReady interface, Interact-ready	Protection class IEC	Safety class I
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Optic type	90 [Beam angle 90°]	Flammability mark	NO [-]
Optical cover/lens type	Lens	CE mark	CE mark
Luminaire light beam spread	90°	ENEC mark	-
		Warranty period	5 years
		Constant light output	No

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Number of products on MCB (16 A type B)	10
EU RoHS compliant	Yes
Light source engine type	LED
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	65 A
Inrush time	330 ms
Power factor (min.)	0.95

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Optical cover/lens finish	Frosted
Overall length	450 mm
Overall width	450 mm
Overall height	460 mm
Colour	Grey
Dimensions (height x width x depth)	460 x 450 x 450 mm (18.1 x 17.7 x 17.7 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK05 [0.7 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	20000 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	137 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.381,0.378)SDCM≤5
Initial input power	145 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

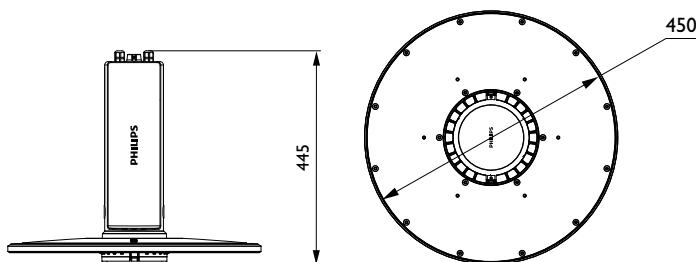
Ambient temperature range	-30 to +45 °C
Performance ambient temperature Tq	35 °C
Maximum dimming level	10%
Suitable for random switching	Yes

Product Data

Full product code	871016336084300
Order product name	BY121P G4 LED200S/840 SRD WB SNHR200
EAN/UPC – product	8710163360843
Order code	36084300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401559961
SAP net weight (piece)	7.700 kg



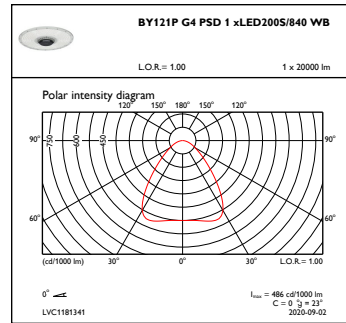
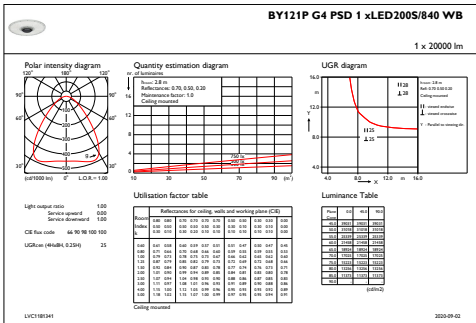
Dimensional drawing



CoreLine High-bay BY120P/BY121P EU

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Photometric data



IFGU1_BY121PG4PSD1xLED200S840WB

OFPC1_BY121PG4PSD1xLED200S840WB

