

Lighting

PHILIPS

CoreLine Highbay Gen5

BY121P G5 LED105S/840 PSD WB

CoreLine Highbay Gen5, 72 W, 10500 lm, 4000 K, DALI, Wide beam, IP65, IK08

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
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

Glow-wire test	Temperature 650 °C, duration 30 s
Glow-wife test	Temperature 050°C, duration 50'S
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	10,500 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	146 lm/W
Color rendering index (CRI)	>80

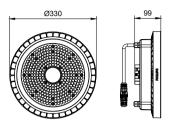
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0.5
1
840 neutral white
Wide beam
85° x 85°
25
220 to 240 V
50 or 60 Hz
53 A
300 ms
72 W
0.95
Connection unit 3-pole
Cable 0.3 m with connector 3-pole
8
-30 to +50 °C
Yes
Power supply unit with DALI interface DALI
No
Aluminum die-cast
Polycarbonate
Polycarbonate
Grey
Clear
330 mm
99 mm
330 mm
IP65 [Dust penetration-protected, jet-

Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm
	to EN62778
Photobiological risk specification	18.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%
	<u>,</u>
Over Time Performance (IEC Compliant	
Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L75
100000 h	
Angeliestice Constitues	
Application Conditions	
Performance ambient temperature Tq	35 ℃
Maximum dim level	20%
Suitable for random switching	Yes
Product Data	
Order product name	BY121P G5 LED105S/840 PSD WB
Full product name	BY121P G5 LED1055/840 PSD WB
Full product code	871951495571400
Order code	911401629708
	911401629708
Material Nr. (12NC)	1
Numerator - Quantity Per Pack	
EAN/UPC - Product/Case	8719514955714
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514955714

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Dimensional drawing





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