PHILIPS Lighting



CoreLine Highbay

BY120P G3 LED105S/840 PSU NB GR

CoreLine Highbay, 85 W, 10500 lm, 4000 K

Following the successful introduction of the CoreLine High-bay in 2013, the upgrade to a new generation of LEDs has further improved colour rendering and total cost of ownership. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and 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 engine type	LED
CE mark	CE mark
Light Technical	
Luminous Flux	10,500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	125 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optical cover type	Polycarbonate bowl/cover
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	85 W

Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type	B 11
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing material	Aluminium
Optical cover/lens material	Polycarbonate
Housing Colour	Grey
Optical cover/lens finish	Clear

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Approval and Application

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

+/-10%

+/-10%

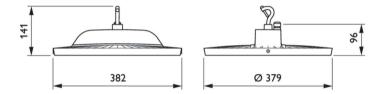
Initial Performance (IEC Compliant)

Luminous flux tolerance Power consumption tolerance

Product Data	
Order product name	BY120P G3 LED105S/840 PSU NB GR

Full product name	BY120P G3 LED105S/840 PSU NB GR
Full EOC	871016332673300
Order code	32673300
Material no. (12 NC)	911401524251
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8710163326733
Numerator – packs per outer box	1
EAN/UPC - Case	8710163326733

Dimensional drawing





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