



CoreLine Highbay

BY120P G3 LED105S/840 PSD NB GR

840 neutral white – Gray

Following the successful introduction of the CoreLine High-bay in 2013, the upgrade to a new generation further improves the total cost of ownership and provides optionally DALI dimming for even further savings. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay G3 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 color	840 neutral white
Optical cover/lens type	Polycarbonate bowl/cover
Control interface	DALI
Protection class IEC	Safety class I
CE mark	CE mark
Number of products on MCB of 16 A type B	11
Light source engine type	LED
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Power Factor (Min)	0.9

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Material	Aluminum
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Color	Gray
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]

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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial input power	81 W
Power consumption tolerance	+/-10%

Application Conditions

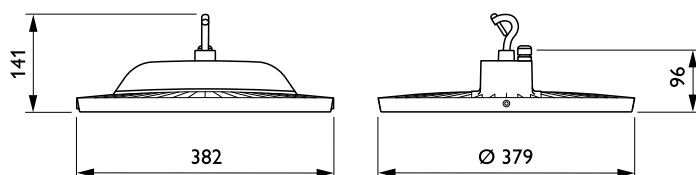
Ambient temperature range	-30 to +45 °C
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Product Data

Full product code	871016332672600
Order product name	BY120P G3 LED105S/840 PSD NB GR
EAN/UPC - Product	8710163326726
Order code	911401524151
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401524151
Net Weight (Piece)	3.299 kg



Dimensional drawing



CoreLine High-bay BY120P/BY121P

