



CoreLine Highbay

BY121P G3 LED205S/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		Controls and Dimming	
Light source color	840 neutral white	Dimmable	Yes
Optical cover/lens type	Polycarbonate bowl/cover		
Control interface	DALI	Mechanical and Housing	
Protection class IEC	Safety class I	Housing Material	Aluminum
CE mark	CE mark	Optical cover/lens material	Polycarbonate
Number of products on MCB of 16 A type B	8	Optical cover/lens finish	Clear
Light source engine type	LED	Overall length	454 mm
Service tag	Yes	Overall width	452 mm
		Overall height	152 mm
Operating and Electrical		Overall diameter	452 mm
Input Voltage	220 to 240 V	Color	Gray
Input Frequency	50 to 60 Hz		
Power Factor (Min)	0.9		

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Approval and Application

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

Initial Performance (IEC Compliant)

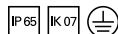
Initial luminous flux (system flux)	20500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial input power	155 W
Power consumption tolerance	+/-10%

Application Conditions

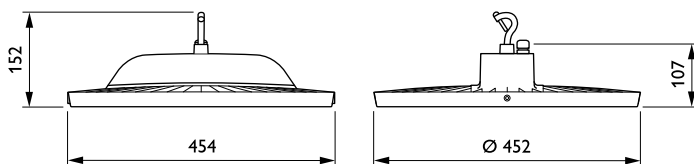
Ambient temperature range	-30 to +45 °C
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Product Data

Full product code	871016332675700
Order product name	BY121P G3 LED205S/840 PSD NB GR
EAN/UPC - Product	8710163326757
Order code	911401524451
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401524451
Net Weight (Piece)	4.799 kg



Dimensional drawing



CoreLine High-bay BY120P/BY121P

