



# CoreLine Highbay

## BY120P G3 LED105S/840 PSD NB GR

CoreLine Highbay, 81 W, 10500 lm, 4000 K, DALI

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 engine type	LED
Service tag	Yes
CE mark	CE mark
Light Technical	
Luminous Flux	10,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	≥80
Light source color	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	81 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	Yes
Control interface	DALI
Mechanical and Housing	
Housing Material	Aluminum
Optical cover material	Polycarbonate

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Housing Color	Grey
Optical cover finish	Clear
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
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

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

Dimensional drawing

