



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 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	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 ℃	
Controls and Dimming		
Dimmable	No	
Control interface	-	
Mechanical and Housing		
Housing Material	Aluminum	
Optical cover material	Polycarbonate	

Datasheet, 2023, October 6 data subject to change

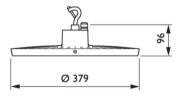
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Housing Color	Grey
Optical cover finish	Clear
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data	·
Order product name	BY120P G3 LED105S/840 PSU NB GR
Full product name	BY120P G3 LED105S/840 PSU NB GR
Full product code	871016332673300
Order code	911401524251
Material Nr. (12NC)	911401524251
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163326733
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163326733
EAN/OPC - Case	8/10103320/33

Dimensional drawing







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