



SmartBright Highbay

BY239P LED120/NW PSU GM G2

Lens

SmartBright Highbay is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

Product data

General information	
Light source color	840 neutral white
Optical cover/lens type	Lens
Control interface	-
Protection class IEC	Safety class I
Flammability mark	-
CE mark	CE mark
Number of products on MCB of 16 A type B	8
Light source engine type	LED

Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	40 A
Power Factor (Min)	0.95

Controls and dimming	
Dimmable	No

Mechanical and housing	
Housing Material	Aluminum die cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	93 mm
Overall diameter	273 mm
Effective projected area	0.06 m ²
Color	Dark gray

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Insulation Coverage Rating	Partial coverage acc. to IEC 60598-1 8.1

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	12000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W

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Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.385, 0.380) SDCM<5
Initial input power	100 W
Power consumption tolerance	+/-10%

Application conditions

Ambient temperature range	-20 to +45 °C
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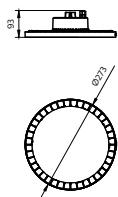
Product data

Full product code	871951454103000
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Order product name	BY239P LED120/NW PSU GM G2
EAN/UPC - Product	8719514541030
Order code	911401640207
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401640207
Net Weight (Piece)	1.450 kg



Dimensional drawing



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