



# CoreLine Value Highbay

## BY102P LED260S/840 PSU WB

CoreLine Value Highbay, 187 W, 26000 lm, 4000 K, Wide beam, IP65, IK06

Aluminium die-cast ADC1 - alloy grade (EN AC-47100), Gray, Power supply unit (On/Off), 26000 lm, 187 W, 139 lm/W, 4000 K, (0.385, 0.380) SDCM<5, Wide beam, Matte, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK06 | 1 J, Safety class I, Connection unit 3-pole

### Product data

General Information		Operating and Electrical	
Light source replaceable	No	Luminaire light beam spread	90°
Number of gear units	1 unit	Unified glare rating CEN	29
Driver included	Yes	Input Voltage	220 to 240 V
Service tag	Yes	Line Frequency	50 or 60 Hz
Lighting Technology	LED	Inrush current	54 A
Value ladder	Performance	Inrush time	0.75 ms
Warranty period	5 years	Power Consumption	187 W
		Power Factor (Fraction)	0.95
		Connection	Connection unit 3-pole
		Cable	Cable 0.3 m with connector 3-pole
		Number of products on MCB of 16 A type B	6
		Suitable for random switching	No
		Protection class IEC	Safety class I
		Total harmonic distortion	15 %

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## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

## Mechanical and Housing

Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Gray
Optical cover finish	Matte
Overall height	99 mm
Overall diameter	358 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Net Weight (Piece)	3.000 kg

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk specification	0.4 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 °C
Ambient temperature range	-20 to +45 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
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Lumen maintenance (EN-IEC 62722-2-1) at L70 median useful life* 50000 h
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## Sustainability Data

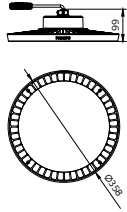
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	58.3 kg CO <sub>2e</sub>
Product non-virgin material ratio	14.2 %
Recyclable content ratio of the finished product	65.5 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kwh)
GWP total B6 (kg CO <sub>2eq</sub> ) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

## Product Data

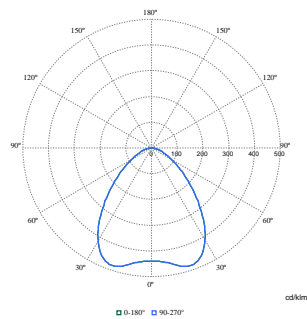
Order product name	BY102P LED260S/840 PSU WB
Full product name	BY102P LED260S/840 PSU WB
Full product code	871951452922900
Order code	52922900
Material Nr. (12NC)	911401646307
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514529229
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514529229

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401646307

