



GreenUp Lowbay G2

BY288P LED90/CW PSU

GreenUp Lowbay G2, 75 W, 8800 lm, 6500 K, 102°

Good lighting is essential in industrial workspaces and large indoor areas. The wrong choice of lights or a lighting not correctly planned can lead to eye strain, fatigue, and poor performance, compromising safety and productivity. The Philips GreenUp Lowbay G2 luminaire is a simple LED solution which efficiently illuminates work areas, creating a brighter and better work, retail or sporting environment. With its crisp, white light and high color rendering index coupled with energy efficiency, high visibility and enhances safety 24/7. Equipped with motion detection function, this easy-to-install and low-maintenance lighting solution is suitable for a variety of applications.

Product data

General Information		Color rendering index (CRI)	
Light source replaceable	No	Light source color	Cool white
Number of gear units	1 unit	Optical cover type	Opal
Driver included	Yes	Luminaire light beam spread	102°
Light source engine type	LED	Operating and Electrical	
Service tag	Yes	Input Voltage	220-400 V
CE mark	CE mark	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	8.6 A
Flammability mark	For mounting on normally flammable surfaces	Inrush time	0.05 ms
Glow-wire test	Temperature 650 °C, duration 5 s	Power Consumption	75 W
Light Technical		Power Factor (Fraction)	0.95
Luminous Flux	8,800 lm	Connection	Flying leads/wires
Correlated Color Temperature (Nom)	6500 K	Cable	Cable 0.3 m without plug
Luminous Efficacy (rated) (Nom)	117 lm/W	Number of products on MCB of 16 A type B 24	

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Temperature

Ambient temperature range	-20 to +45 °C
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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	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Optical cover finish	Frosted
Overall height	144 mm
Overall diameter	250 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Initial chromaticity	(0.313.0.324)SDCM<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	40,000 hour(s)
Median useful life L90B50	20,000 hour(s)

Application Conditions

Suitable for random switching	No
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Product Data

Order product name	BY288P LED90/CW PSU
Full product name	BY288P LED90/CW PSU
Full product code	872016972887500
Order code	911401508031
Material Nr. (12NC)	911401508031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169728875
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169728875

Dimensional drawing

