



GreenUp Lowbay G2

BY288P LED90/CW PSR

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		>80
Number of gear units	1 unit	Light source color	Cool white
Driver included	Yes	Optical cover type	Opal
Light source engine type	LED	Luminaire light beam spread	102°
Service tag	Yes	Operating and Electrical	
CE mark	CE mark	Input Voltage	220-400 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Flammability mark	For mounting on normally flammable surfaces	Inrush current	46 A
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush time	0.44 ms
Light Technical		Power Consumption	75 W
Luminous Flux	8,800 lm	Power Factor (Fraction)	0.95
Correlated Color Temperature (Nom)	6500 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	117 lm/W	Cable	Cable 0.3 m without plug
		Number of products on MCB of 16 A type B	11

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Temperature

Ambient temperature range	-20 to +45 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
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

Maximum dim level	10%
Suitable for random switching	No

Product Data

Order product name	BY288P LED90/CW PSR
Full product name	BY288P LED90/CW PSR
Full product code	911401508631
Order code	911401508631
Material Nr. (12NC)	911401508631
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

