



GreenUp Lowbay G2

BY288P LED90/NW PSU EN

GreenUp Lowbay G2, 75 W, 8800 lm, 4000 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		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	117 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Light source color	Neutral white
Service tag	Yes	Optic type	-
CE mark	CE mark	Optical cover type	Opal
Warranty period	3 years	Luminaire light beam spread	102°
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220-400 V
ENEC mark	-	Line Frequency	50 or 60 Hz
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush current	8.6 A
EU RoHS compliant	No	Inrush time	0.05 ms
Luminous Flux	8,800 lm	Power Consumption	75 W
		Power Factor (Fraction)	0.95
		Connection	Flying leads/wires

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Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B 24	
Temperature	
Ambient temperature range	-20 to +45 °C
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
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Grey
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%
Initial chromaticity	(0.38.0.38)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
Product Data	
Order product name	BY288P LED90/NW PSU EN
Full product name	BY288P LED90/NW PSU EN
Full product code	872016972885100
Order code	911401843099
Material Nr. (12NC)	911401843099
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169728851
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169728851

Dimensional drawing



