



GreenUp Lowbay G2

BY288P LED90/NW PSR 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		
ENEC mark	-	Input Voltage	220-400 V
Glow-wire test	Temperature 650 °C, duration 5 s	Line Frequency	50 or 60 Hz
EU RoHS compliant	No	Inrush current	46 A
		Inrush time	0.44 ms
		Power Consumption	75 W
		Power Factor (Fraction)	0.95
		Connection	Flying leads/wires
Light Technical			
Luminous Flux	8,800 lm		

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Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B 11	
Temperature	
Ambient temperature range	-20 to +45 °C
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
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

Maximum dim level	10%
Suitable for random switching	No

Product Data

Order product name	BY288P LED90/NW PSR EN
Full product name	BY288P LED90/NW PSR EN
Full product code	911401843299
Order code	911401843299
Material Nr. (12NC)	911401843299
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



