



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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
Flammability mark	For mounting on normally flammable surfaces
Flammability mark Glow-wire test	
	surfaces
	surfaces
Glow-wire test	surfaces
Glow-wire test Light Technical	surfaces Temperature 650 °C, duration 5 s
Glow-wire test Light Technical Luminous Flux	surfaces Temperature 650 °C, duration 5 s

Color rendering index (CRI)	>80	
Light source color	Cool white	
Optical cover type	Opal	
Luminaire light beam spread	102°	
Operating and Electrical		
Input Voltage	220-400 V	
Line Frequency	50 or 60 Hz	
Inrush current	46 A	
Inrush time	0.44 ms	
Power Consumption	75 W	
Power Factor (Fraction)	0.95	
Connection	Flying leads/wires	
Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 11		

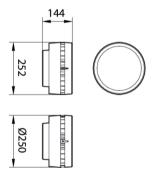
Datasheet, 2023, May 15 data subject to change

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Temperature	
Ambient temperature range	-20 to +45 ℃
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	IKO3 [0.3 J]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

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





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