



GreenUp Lowbay G2

BY288P LED60/CW PSU EN

GreenUp Lowbay G2, 50 W, 5900 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

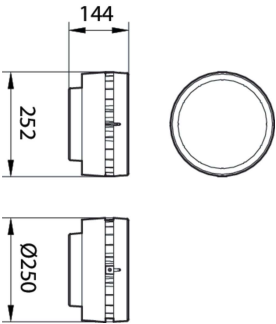
General Information			
Light source replaceable	No	Correlated Color Temperature (Nom)	6500 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	118 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Light source color	Cool white
Service tag	Yes	Optic type	-
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	Operating and Electrical	
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	3.5 A
Light Technical		Inrush time	0.05 ms
Luminous Flux	5,900 lm	Power Consumption	50 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	(0.313.0.324)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
Product Data	
Order product name	BY288P LED60/CW PSU EN
Full product name	BY288P LED60/CW PSU EN
Full product code	911401843399
Order code	911401843399
Material Nr. (12NC)	911401843399
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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