



GreenUp Lowbay G2

BY288P LED60/NW PSU EN

GreenUp Lowbay G2, 50 W, 5900 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 Green Up 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 ENEC mark	
	surfaces
ENEC mark	surfaces
ENEC mark Glow-wire test	surfaces - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test	surfaces - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test EU RoHS compliant	surfaces - Temperature 650 °C, duration 5 s

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80
Light source color	Neutral white
Optic type	-
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	3.5 A
Inrush time	0.05 ms
Power Consumption	50 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires

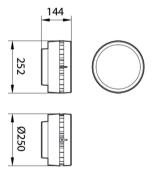
Datasheet, 2023, May 16 data subject to change

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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 LED60/NW PSU EN	
Full product name	BY288P LED60/NW PSU EN	
Full product code	872016972877600	
Order code	911401843499	
Material Nr. (12NC)	911401843499	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169728776	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8720169728776	

Dimensional drawing



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