

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
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 surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No

Light Technical	
Luminous Flux	5,900 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80
Light source color	Cool 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

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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)

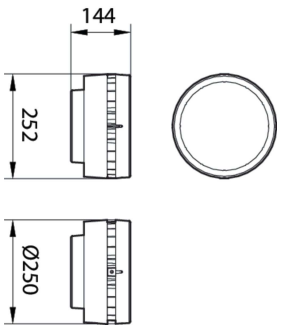
Application Conditions

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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2023, April 30 - data subject to change