



GreenUp Lowbay G2

BY288P LED60/NW PSU EN

Neutral white - Power supply unit

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 color	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	O [Opal]
Luminaire light beam spread	102°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]

CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B 24	
EU RoHS compliant	No
Light source engine type	LED
Service tag	Yes

Operating and Electrical

Input Voltage	220-400 V
Input Frequency	50 or 60 Hz
Inrush current	3.5 A
Inrush time	0.05 ms
Power Factor (Min)	0.95

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Frosted
Overall height	144 mm
Overall diameter	250 mm
Color	Gray

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	118 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80

Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	50 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

Ambient temperature range	-20 to +45 °C
Suitable for random switching	No

Product Data

Full product code	911401843499
Order product name	BY288P LED60/NW PSU EN
Order code	911401843499
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401843499
Net Weight (Piece)	2.800 kg



Dimensional drawing



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