

GreenUp Lowbay G2

BY288P LED40/NW PSU

GreenUp Lowbay G2, 30 W, 3600 lm, 4000 K, 96°

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
Glow-wire test	Temperature 650 °C, duration 5 s

Light Technical	
Luminous Flux	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Light source color	Neutral white
Optical cover type	Opal
Luminaire light beam spread	96°

Operating and Electrical	
Input Voltage	220-400 V
Line Frequency	50 or 60 Hz
Inrush current	14.8 A
Inrush time	0.0025 ms
Power Consumption	30 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	24

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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
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Optical cover finish	Frosted
Overall height	115 mm
Overall diameter	150 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

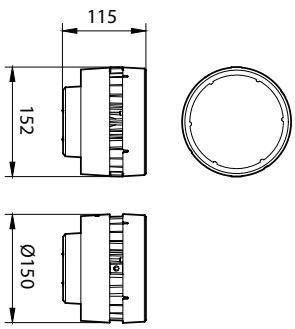
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38.0.38)SDCM<5
Power consumption tolerance	+/-10%

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 LED40/NW PSU
Full product name	BY288P LED40/NW PSU
Full product code	911401508131
Order code	911401508131
Material Nr. (12NC)	911401508131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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