



GreenUp Lowbay G2

BY288P LED40/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 colour 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	
Lamp colour code	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Luminaire light beam spread	96°
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	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	24
RoHS mark	-

Operating and Electrical	
Input voltage	220-400 V
Input frequency	50 or 60 Hz
Inrush current	14.8 A
Inrush time	0.0025 ms
Power factor (min.)	0.95

Controls and Dimming	
Dimmable	no

Mechanical and Housing	
Housing material	Aluminium die-cast
Reflector material	-
Optic material	Polycarbonate

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Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens 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]

Initial Performance (IEC Compliant)

Initial luminous flux	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38.0.38)SDCM<5
Initial input power	30 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.01 %
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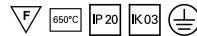
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

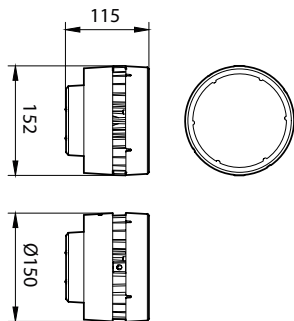
Ambient temperature range	-20 to +45 °C
Suitable for random switching	No

Product Data

Full product code	911401843199
Order product name	BY288P LED40/NW PSU EN
Order code	911401843199
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401843199
Net weight (piece)	2.700 kg



Dimensional drawing



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