



GreenUp Lowbay G2

BY288P LED90/CW PSU

Cool 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		Operating and Electrical	
Lamp colour code	Cool white	Constant light output	No
Light source replaceable	No	Number of products on MCB	24
Number of gear units	1 unit	LED engine type	LED
Driver/power unit/transformer	PSU [Power supply unit]	Operating and Electrical	
Driver included	Yes	Input voltage	220-400 V
Optical cover/lens type	O [Opal]	Input frequency	50 or 60 Hz
Luminaire light beam spread	102°	Inrush current	8.6 A
Control interface	-	Inrush time	0.05 ms
Connection	Flying leads/wires	Power factor (min.)	0.95
Cable	Cable 0.3 m without plug	Controls and Dimming	
Protection class IEC	Safety class I (I)	Dimmable	No
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]	Mechanical and Housing	
Flammability mark	F [For mounting on normally flammable surfaces]	Housing material	Aluminum die-cast
CE mark	CE mark		
Warranty period	3 years		

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Frosted
Overall height	144 mm
Overall diameter	250 mm
Colour	Grey

Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux	8800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	117 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial chromaticity	(0.313.0.324)SDCM<5
Initial input power	75 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	911401508031
Order product name	BY288P LED90/CW PSU
Order code	911401508031
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401508031
Net weight (piece)	2.299 kg



Dimensional drawing



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