



GreenUp Lowbay G2

BY288P LED90/CW PSR EN

Cool white - Power supply unit regulating

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		Warranty period	
Lamp colour code	Cool white	Warranty period	3 years
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Number of products on MCB	11
Driver/power unit/transformer	PSR [Power supply unit regulating]	RoHS mark	-
Driver included	Yes	Operating and Electrical	
Optic type	No [-]	Input voltage	220-400 V
Luminaire light beam spread	102°	Input frequency	50 or 60 Hz
Control interface	-	Inrush current	46 A
Connection	Flying leads/wires	Inrush time	0.44 ms
Cable	Cable 0.3 m without plug	Power factor (min.)	0.95
Protection class IEC	Safety class I (I)	Controls and Dimming	
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]	Dimmable	yes
Flammability mark	F [For mounting on normally flammable surfaces]		
CE mark	CE mark		
ENEC mark	-		

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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
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%
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Over Time Performance (IEC Compliant)

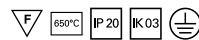
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

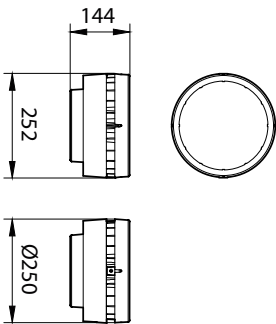
Ambient temperature range	-20 to +45 °C
Maximum dimming level	10%
Suitable for random switching	No

Product Data

Full product code	911401842999
Order product name	BY288P LED90/CW PSR EN
Order code	911401842999
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401842999
Net weight (piece)	3.300 kg



Dimensional drawing



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