



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		Operating and Electrical	
Lamp colour code	Cool white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	PSR [Power supply unit regulating]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	11
Optic type	No [-]	EU RoHS compliant	No
Optical cover/lens type	O [Opal]	Light source engine type	LED
Luminaire light beam spread	102°		
Control interface	-	Input Voltage	220-400 V
Connection	Flying leads/wires	Input frequency	50 or 60 Hz
Cable	Cable 0.3 m without plug	Inrush current	46 A
Protection class IEC	Safety class I (I)	Inrush time	0.44 ms
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]	Power factor (min.)	0.95
Flammability mark	F [For mounting on normally flammable surfaces]		

GreenUp Lowbay G2

Controls and Dimming

Dimmable	Yes
----------	-----

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 (system 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
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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401842999
SAP net weight (piece)	3.300 kg



Dimensional drawing



BY288P LED90/CW PSR EN

GreenUp Lowbay G2

