



# GreenUp Lowbay G2

## BY288P LED90/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		Operating and Electrical	
Lamp colour code	Neutral 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	PSU [ Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	24
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	8.6 A
Protection class IEC	Safety class I (I)	Inrush time	0.05 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]		

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### Controls and Dimming

Dimmable	No
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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 (system flux)	8800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	117 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80

Initial chromaticity	(0.38.0.38)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	911401843099
Order product name	BY288P LED90/NW PSU EN
Order code	911401843099
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401843099
SAP net weight (piece)	2.900 kg



### Dimensional drawing



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