PHILIPS Lighting



GreenUp Lowbay G2

BY288P LED90/CW PSU

GreenUp Lowbay G2, 75 W, 8800 lm, 6500 K, 102°

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 color 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

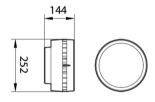
General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light Technical	
Luminous Flux	8,800 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	117 lm/W

Color rendering index (CRI)	>80
Light source color	Cool white
Optical cover type	Opal
Luminaire light beam spread	102°
Operating and Electrical	
Input Voltage	220-400 V
Line Frequency	50 or 60 Hz
Inrush current	8.6 A
Inrush time	0.05 ms
Power Consumption	75 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type	B 24

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Temperature		Initial chromaticity	(0.313.0.324)SDCM<5
Ambient temperature range	-20 to +45 °C	Power consumption tolerance	+/-10%
Controls and Dimming		Over Time Performance (IEC Cor	npliant)
Dimmable	No	Driver failure rate at 5000 h	0.01 %
Driver/power unit/transformer	Power supply unit (On/Off)	Median useful life L70B50	50,000 hour(s)
Control interface	-	Median useful life L80B50	40,000 hour(s)
Constant light output	No	Median useful life L90B50	20,000 hour(s)
Mechanical and Housing		Application Conditions	
Housing Material	Aluminum die cast	Suitable for random switching	No
Optic material	Polycarbonate		
Optical cover material	Polycarbonate	Product Data	
Housing Color	Gray	Order product name	BY288P LED90/CW PSU
Optical cover finish	Frosted	Full product name	BY288P LED90/CW PSU
Overall height	144 mm	Full product code	872016972887500
Overall diameter	250 mm	Order code	911401508031
		Material Nr. (12NC)	911401508031
Approval and Application		Numerator - Quantity Per Pack	1
Ingress protection code	IP20 [Finger-protected]	EAN/UPC - Product/Case	8720169728875
Mech. impact protection code	IK03 [0.3 J]	Numerator - Packs per outer box	1
Protection class IEC	Safety class I	EAN/UPC - Case	8720169728875

Dimensional drawing







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