PHILIPS Lighting



GreenUp Lowbay G2

BY288P LED90/NW PSR EN

GreenUp Lowbay G2, 75 W, 8800 lm, 4000 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

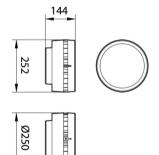
General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
Flammability mark	For mounting on normally flammable surfaces
Flammability mark	
ENEC mark	surfaces
ENEC mark Glow-wire test	surfaces - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test	surfaces - Temperature 650 °C, duration 5 s
ENEC mark Glow-wire test EU RoHS compliant	surfaces - Temperature 650 °C, duration 5 s

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	>80
Light source color	Neutral white
Optic type	-
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	46 A
Inrush time	0.44 ms
Power Consumption	75 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires

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Cable	Cable 0.3 m without plug	Initial Performance (IEC Compliant)	
Number of products on MCB of 16 A type B 11		Luminous flux tolerance	+/-10%
		Initial chromaticity	(0.38.0.38)SDCM<5
Temperature		Power consumption tolerance	+/-10%
Ambient temperature range	-20 to +45 °C		
		Over Time Performance (IEC Compliant)	
Controls and Dimming		Driver failure rate at 5000 h	0.01 %
Dimmable	Yes	Median useful life L70B50	50,000 hour(s)
Driver/power unit/transformer	Power supply unit regulating	Median useful life L80B50	40,000 hour(s)
Control interface	-	Median useful life L90B50	20,000 hour(s)
Constant light output	No		·
		Application Conditions	
Mechanical and Housing		Maximum dim level	10%
Housing Material	Aluminum die cast	Suitable for random switching	No
Reflector material	-		
Optic material	Polycarbonate	Product Data	
Optical cover material	Polycarbonate	Order product name	BY288P LED90/NW PSR EN
Fixation material	-	Full product name	BY288P LED90/NW PSR EN
Housing Color	Grey	Full product code	911401843299
Optical cover finish	Frosted	Order code	911401843299
Overall height	144 mm	Material Nr. (12NC)	911401843299
Overall diameter	250 mm	Numerator - Quantity Per Pack	1
		Numerator - Packs per outer box	1
Approval and Application			
Ingress protection code	IP20 [Finger-protected]		
Mech. impact protection code	IK03 [0.3 J]		
Protection class IEC	Safety class I		

Dimensional drawing



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