PHILIPS Lighting



GreenUp Wellglass

BY200P LED25 B-W/NW PSU

LED module, system flux 2800 lm, Neutral white, Power supply unit (On/Off)

GreenUp LED Welglass luminaire is designed to replace traditional WelGlass up to 70W with only 35% of the load for similar illumination. It is a perfect LED solution for outdoor application and industry of harsh condition like power plant, metal, and non hazardous area in chemical and petrochemical industry. Compared to conventional HID WelGlass, it improves reliability, comfort, while reducing energy and maintenance cost dramatically. GreenUp Welglass comes with 2 different mounting, pipe and bracket, and comes with 2 beam, lambertian and batwing.

Product data

General Information	
Lamp family code	LED28S [LED module, system flux 2800 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically
	there is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
CE mark	-
Flammability mark	-

ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light Technical	
Luminous Flux	2,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Light source color	Neutral white
Optic type	Wide beam
Optical cover type	Glass frosted
Luminaire light beam spread	135°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

GreenUp Wellglass

Power Consumption	27 W	
Power Factor (Fraction)	0.95	
Connection	-	
Number of products on MCB of 16 A t	уре В 24	
Temperature		
Ambient temperature range	-30 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	Yes	
Mechanical and Housing		
Housing Material	Aluminum die cast	
Optic material	Glass	
Optical cover material	Glass	
Housing Color	Dark gray	
Optical cover finish	Clear	
Overall height	174 mm	
Overall diameter	215 mm	

IP65 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Maximum dim level	Not applicable
Maximum dim level Product Data	Not applicable
	Not applicable BY200P LED25 B-W/NW PSU
Product Data	
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Product Data Order product name Full product name	BY200P LED25 B-W/NW PSU BY200P LED25 B-W/NW PSU
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Approval and Application

Ingress protection code

Dimensional drawing





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