



Energy-efficient lighting for industrial and commercial applications

GreenUp Wellglass

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.

Benefits

- · Safe and reliable qualities
- · High energy saving
- · Comfortable light

Features

- Waterproof, dustproof, impact proof and corrosion proof features, meeting requirements of outdoor application
- System efficacy 100lm/W, 1:1 replacement of HID up to 68% energy saving
- · CRI>80, comfortable light with low glare ratings
- · 50,000 hrs life with 70% lumen maintained
- Two mounting options: pipe mounting and bracket for wall/ceiling mounting

Application

· Harsh Industry Application

GreenUp Wellglass

Specifications

Mounting type	Suspended
	Pipe
	Surface
Operating Temperature	-30 to +45 °C
range	
Light Source	LED
Mains Voltage	220-240V / 50-60Hz
Mains connection	Flying cable
Mechanical Accessories	Mounting bracket
,	Shielding grid
Dimming	PSU: non-dimmable
Material	Housing: die-cast aluminium
Lumen maintenance at	L70
median useful life	
50.000h	
Luminous flux	3.2klm / 4.4klm
Power consumption	29W / 40W

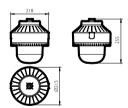
Luminaire efficacy	Up to 110lm/W
Correlated color	4000K
temperature - CCT	6500K
Color Rendering index -	· 80
CRI	
Beam angle	Lambertian
Optical cover/lens	PC
material	
Optical cover/lens	Opal
finish	
Protection Class	Class I
IEC61140	
Mechanical impact	IK08
protection	
Ingress protection	IP65
Driver replaceable	No

Versions



Essential SmartBright LED Standard Product Photo

Dimensional drawing









GreenUp Wellglass

Oriver included	Yes
Light source replaceable	No
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	110 lm/W
0 "	
Operating and Electrical Protection class IEC	Cafatu alaas I
Input Voltage	Safety class I 220-240 V
Line Frequency	50 or 60 Hz
Line Frequency	30 01 00 112
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Optical cover type	Polycarbonate
	bowl/cover
	frosted
Housing Color	Dark gray
Mech. impact protection code	IK08
Ingress protection code	IP65
Approval and Application	
CE mark	No
	110
Initial Performance (IEC Compli	ant)
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
911401512261	BY200P LED44 L-B/CW PSU	6500 K	4,400 lm
911401512361	BY200P LED44 L-B/NW PSU	4000 K	4,400 lm
911401512461	BY200P LED32 L-B/CW PSU	6500 K	3,200 lm
911401512561	BY200P LED32 L-B/NW PSU	4000 K	3,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401512261	BY200P LED44 L-B/CW PSU	40 W
911401512361	BY200P LED44 L-B/NW PSU	40 W

Order Code	Full Product Name	Power Consumption
911401512461	BY200P LED32 L-B/CW PSU	29 W
911401512561	BY200P LED32 L-B/NW PSU	29 W

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401512261	BY200P LED44 L-B/CW PSU	-30 to +45 °C
911401512361	BY200P LED44 L-B/NW PSU	-30 to +45 °C

Order Code	Full Product Name	Ambient temperature range
911401512461	BY200P LED32 L-B/CW PSU	-30 to +50 °C
911401512561	BY200P LED32 L-B/NW PSU	-30 to +50 °C

GreenUp Wellglass



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.