



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

Specifications

Mounting type	Suspended
	Pipe
	Surface
Operating Temperature range	-30 to +45 °C
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 median useful life	L70
50.000h	
Luminous flux	3.2klm / 4.4klm
Power consumption	29W / 40W

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

Versions



Dimensional drawing



General Information	
Driver included	Yes
Light source replaceable	No
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	110 lm/W
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220~240 V
Line Frequency	50 or 60 Hz
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
Initial Performance (IEC Compliant)	
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

