

# 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

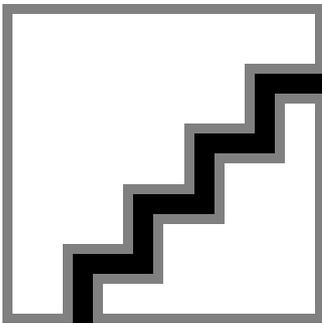
# GreenUp Wellglass

## Specifications

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

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

## Versions

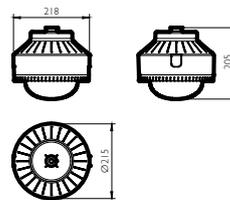
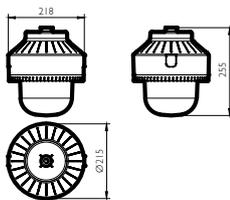


GreenUp wellglass product photo



GreenUp Wellglass

## Dimensional drawing



## General Information

CE mark	-
Driver included	Yes
Light source replaceable	No

## Light Technical

Optical cover type	Polycarbonate bowl/cover frosted
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	110 lm/W

## Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Color	Dark gray
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## Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK08
Ingress protection code	IP65

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
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
911401512361	BY200P LED44 L-B/NW PSU	40 W
911401512461	BY200P LED32 L-B/CW PSU	29 W

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

## Temperature

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



## GreenUp Wellglass

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

