



# Nice lighting experience in harsh environment

## Solid Guard Wellglass

Solid Guard Wellglass is an explosion proof product providing excellent and stable performance for harsh application like power plant, metal, chemical and petrochemical industry.

### Benefits

- Long life time ,Safe and reliable
- Excellent lighting experience in harsh environment
- Easy installation

### Features

- Design for Zone 1, zone 2, IIC/T6 ; IP66/WF2, outdoor application
- Replace 70~150W halogen, energy saving up to 70%, 50K hrs lifetime
- Optimized photometric curve, CRI<math>>80</math>, soft and uniform lighting surface
- Bracket & pole installation method for selection, keep customized solution for M type thread

### Application

- Harsh Industry Application

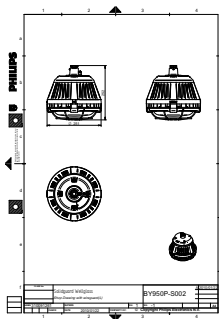
# Solid Guard Wellglass

## Versions



BY950P

## Dimensional drawing



## Product details



BY950P LG

# Solid Guard Wellglass

## General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes

## Light Technical

Beam angle of light source	- degree(s)
Optical cover/lens type	Tempered glass
Color rendering index (CRI)	>80
Optic type	Symmetrical

## Operating and Electrical

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

## Temperature

Ambient temperature range	+30 to +45 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing Color	Dark gray
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## Approval and Application

CE mark	CE mark
Protection class IEC	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Mech. impact protection code	IK07
Ingress protection code	IP66

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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## Over Time Performance (IEC Compliant)

Median useful life L80B50	30,000 hour(s)
Median useful life L90B50	15,000 hour(s)

## Application Conditions

Suitable for random switching	No
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## Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
911401847797	BY950P LED30 L-B/NW LG	4000 K	88 lm/W	2,650 lumen
911401847897	BY950P LED50 L-B/NW LG	4000 K	91 lm/W	4,550 lumen
911401847997	BY950P LED30 L-B/CW LG	6500 K	88 lm/W	2,650 lumen

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401847797	BY950P LED30 L-B/NW LG	30 W
911401847897	BY950P LED50 L-B/NW LG	50 W

Order Code	Full Product Name	Power Consumption
911401847997	BY950P LED30 L-B/CW LG	30 W

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