



# Solid Guard Wellglass

## BY950P LED50 L-B/NW LG

Solid Guard Wellglass, 50 W, 4550 lm, 4000 K, 100°

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

### Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No
Light Technical	
Luminous Flux	4,550 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	91 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Optical cover type	Tempered glass

Luminaire light beam spread	100°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B 24	
Temperature	
Ambient temperature range	+30 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

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Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Glass
Optical cover material	Tempered glass
Housing Color	Dark gray
Optical cover finish	Frosted
Overall height	252 mm
Overall diameter	251 mm

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	-

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	30,000 hour(s)
Median useful life L90B50	15,000 hour(s)

Application Conditions	
Suitable for random switching	No

Product Data	
Order product name	BY950P LED50 L-B/NW LG
Full product name	BY950P LED50 L-B/NW LG
Full product code	911401847897
Order code	911401847897
Material Nr. (12NC)	911401847897
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

