

DuraLED Well Glass

BY300P LED 27S CW PSU S1 PC SPD

DuraLED well glass is designed to replace traditional well glass up to 70 W with only 50% 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 areas in the chemical and petrochemical industry. Compared to conventional HID well glass, it improves reliability and comfort, while reducing energy and maintenance costs dramatically. DuraLED well glass comes with two different mounting options: wall bracket (2 types) and Eye-bolt and comes with two colour temperatures and two lumen outputs.

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Product data

General Information	
Beam angle of light source	120 °
Lamp colour code	865 cool daylight
Driver included	Yes
Optic type	120 [Beam angle 120°]
Optical cover/lens type	O-PC [Opal diffuser in polycarbonate cover]
Luminaire light beam spread	120°
Control interface	-
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
Warranty period	2 years
Material	Aluminum
Light source engine type	LED

Operating and Electrical	
Input Voltage	120 to 277 V
Input frequency	50 Hz
Power factor (min.)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium pressure die cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Mounting device	MBW [Wall-mounting bracket]
Colour	Grey

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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge protection (common/differential)	Surge protection level until 4 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2700 lm
Initial LED luminaire efficacy	120 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<5
Initial input power	23 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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Application Conditions

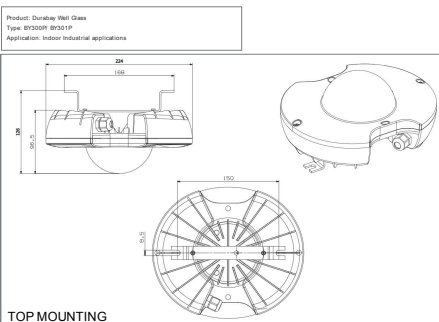
Ambient temperature range	0 to +45 °C
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Product Data

Order product name	BY300P LED 27S CW PSU S1 PC SPD
Order code	919515812323
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919515812323
SAP net weight (piece)	1.000 kg



Dimensional drawing



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