



DuraLED Well Glass

BY300P LED 27S NW PSU S1 PC

DuraLED well glass is designed to replace traditional Well Glass up to 70W 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 area in chemical and petrochemical industry. Compared to conventional HID Well Glass, it improves reliability, comfort, while reducing energy and maintenance cost dramatically. DuraLED Well Glass comes with 2 different mounting, Wall bracket (2 types) & Eye-bolt and comes with 2 color temperature and 2 lumen outputs.

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Product data

General Information	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Flammability mark	For mounting on normally flammable surfaces
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Optical cover type	Opal diffuser in polycarbonate cover

Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 Hz
Power Consumption	23 W
Power Factor (Fraction)	0.95
Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	No
Control interface	-

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Mechanical and Housing	
Housing Material	Aluminium pressure die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Mounting device	Wall-mounting bracket
Material	Aluminum
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
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5

Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Median useful life L70B50	50,000 hour(s)
Product Data	
Order product name	BY300P LED 27S NW PSU S1 PC
Full product name	BY300P LED 27S NW PSU S1 PC
Order code	919515812316
Material Nr. (12NC)	919515812316
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

