



An Energy efficient Well Glass for Industrial and commercial application

DuraLED Well Glass

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.

Benefits

- Suitable for use in harsh Industrial environment
- Outstanding energy efficiency leads to lowering ROI
- Comfortable diffused light
- High quality material and design leads to longer life class for luminaire

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Features

- Ingress Protection -IP65
- Impact Resistance IK08
- Inbuilt encapsulated Potted Driver
- Designed for operations under diverse environment from 0°C to 45°C
- Life class is 50000 hours (L70B50 @ Ta45°C)
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- System efficiency >120 lm/W
- High Voltage Cutoff @ 325 ± 15V with Auto Restart feature
- 440V Protection for 8 Hrs. (Phase to Phase)
- Internal Surge Protection 4KV
- CRI>80; comfortable lighting with low glare ratings

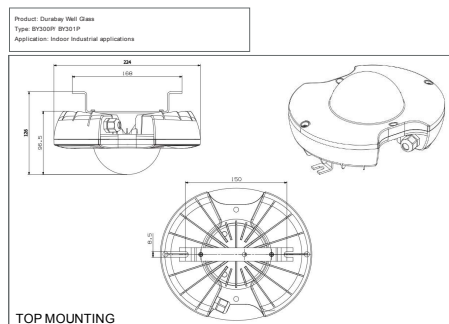
Application

- Manufacturing
- Harsh Industry Applications

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Dimensional drawing



Product details



BY300P LED



BY300P LED



BY300P LED

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General Information

Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Beam angle of light source	120 degree(s)
Optical cover type	Opal diffuser in polycarbonate cover
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	120 lm/W
Optic type	Beam angle 120°

Operating and Electrical

Input Voltage	120 to 277 V
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Temperature

Ambient temperature range	0 to +45 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	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)

Initial chromaticity	SDCM<5
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux
919515812315	BY300P LED 25S WW PSU S1 PC	3000 K	2,700 lm
919515812316	BY300P LED 27S NW PSU S1 PC	4000 K	2,700 lm
919515812318	BY300P LED 25S WW PSU S1 PC LILO	3000 K	2,700 lm
919515812319	BY300P LED 27S NW PSU S1 PC LILO	4000 K	2,700 lm
919515812320	BY300P LED 27S CW PSU S1 PC LILO	6500 K	2,700 lm
919515812321	BY300P LED 25S WW PSU S1 PC SPD	3000 K	2,700 lm
919515812322	BY300P LED 27S NW PSU S1 PC SPD	4000 K	2,700 lm
919515812323	BY300P LED 27S CW PSU S1 PC SPD	6500 K	2,700 lm
919515812325	BY300P LED 37S NW PSU S1 PC	4000 K	3,700 lm
919515812326	BY300P LED 37S CW PSU S1 PC	6500 K	3,700 lm
919515812327	BY300P LED 35S WW PSU S1 PC LILO	3000 K	3,700 lm
919515812328	BY300P LED 37S NW PSU S1 PC LILO	4000 K	3,700 lm
919515812329	BY300P LED 37S CW PSU S1 PC LILO	6500 K	3,700 lm
919515812330	BY300P LED 35S WW PSU S1 PC SPD	3000 K	3,700 lm
919515812331	BY300P LED 37S NW PSU S1 PC SPD	4000 K	3,700 lm
919515812332	BY300P LED 37S CW PSU S1 PC SPD	6500 K	3,700 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919515812315	BY300P LED 25S WW PSU S1 PC	23 W
919515812316	BY300P LED 27S NW PSU S1 PC	23 W
919515812318	BY300P LED 25S WW PSU S1 PC LILO	23 W
919515812319	BY300P LED 27S NW PSU S1 PC LILO	23 W
919515812320	BY300P LED 27S CW PSU S1 PC LILO	23 W
919515812321	BY300P LED 25S WW PSU S1 PC SPD	23 W
919515812322	BY300P LED 27S NW PSU S1 PC SPD	23 W
919515812323	BY300P LED 27S CW PSU S1 PC SPD	23 W

Order Code	Full Product Name	Power Consumption
919515812325	BY300P LED 37S NW PSU S1 PC	33 W
919515812326	BY300P LED 37S CW PSU S1 PC	33 W
919515812327	BY300P LED 35S WW PSU S1 PC LILO	33 W
919515812328	BY300P LED 37S NW PSU S1 PC LILO	33 W
919515812329	BY300P LED 37S CW PSU S1 PC LILO	33 W
919515812330	BY300P LED 35S WW PSU S1 PC SPD	33 W
919515812331	BY300P LED 37S NW PSU S1 PC SPD	33 W
919515812332	BY300P LED 37S CW PSU S1 PC SPD	33 W

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