PHILIPS

Lighting

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

DuraLED Well Glass

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

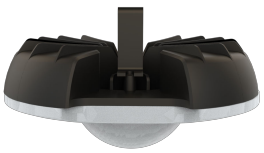
Application

- Manufacturing
- Harsh Industry Applications

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Versions



BY300P LED

Product details

BY300P LED

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DuraLED Well Glass

Application Conditions	
Ambient temperature range	0 to +45 °C
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP65
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	120 to 277 V
General Information	
Beam angle of light source	120 °
Protection class IEC	Safety class I (I)
Optical cover/lens type	O-PC
Driver included	Yes
Flammability mark	F
Optic type	120
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Init. Color Rendering Index	>80
Initial LED luminaire efficacy	120 lm/W
Mechanical and Housing	
Color	Gray

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
919515812315	BY300P LED 25S WW PSU S1 PC	3000 K	2700 lm	23 W
919515812316	BY300P LED 27S NW PSU S1 PC	4000 K	2700 lm	23 W
919515812317	BY300P LED 27S CW PSU S1 PC	6500 K	2700 lm	23 W
919515812318	BY300P LED 25S WW PSU S1 PC LILO	3000 K	2700 lm	23 W
919515812319	BY300P LED 27S NW PSU S1 PC LILO	4000 K	2700 lm	23 W
919515812320	BY300P LED 27S CW PSU S1 PC LILO	6500 K	2700 lm	23 W
919515812321	BY300P LED 25S WW PSU S1 PC SPD	3000 K	2700 lm	23 W
919515812322	BY300P LED 27S NW PSU S1 PC SPD	4000 K	2700 lm	23 W
919515812323	BY300P LED 27S CW PSU S1 PC SPD	6500 K	2700 lm	23 W
919515812324	BY300P LED 35S WW PSU S1 PC	3000 K	3700 lm	33 W
919515812325	BY300P LED 37S NW PSU S1 PC	4000 K	3700 lm	33 W
919515812326	BY300P LED 37S CW PSU S1 PC	6500 K	3700 lm	33 W
919515812327	BY300P LED 35S WW PSU S1 PC LILO	3000 K	3700 lm	33 W
919515812328	BY300P LED 37S NW PSU S1 PC LILO	4000 K	3700 lm	33 W
919515812329	BY300P LED 37S CW PSU S1 PC LILO	6500 K	3700 lm	33 W
919515812330	BY300P LED 35S WW PSU S1 PC SPD	3000 K	3700 lm	33 W
919515812331	BY300P LED 37S NW PSU S1 PC SPD	4000 K	3700 lm	33 W
919515812332	BY300P LED 37S CW PSU S1 PC SPD	6500 K	3700 lm	33 W