



# 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

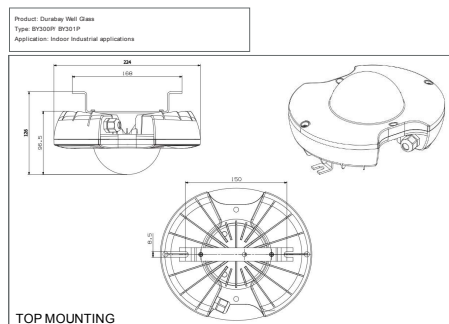
## Application

- Manufacturing
- Harsh Industry Applications

## Warnings and Safety

- Meant for use in Indoor Industrial environment only

## Dimensional drawing



## Product details



BY300P LED



BY300P LED



BY300P LED

# DuraLED Well Glass

## 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 |
|---------------|--------------|

## Temperature

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 0 to +45 °C |
|---------------------------|-------------|

## Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

## Mechanical and Housing

|               |      |
|---------------|------|
| Housing Color | Gray |
|---------------|------|

## 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 |
|----------------------|--------|

## 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      |
| 919515812317 | BY300P LED 27S CW PSU S1 PC      | 6500 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      |
| 919515812324 | BY300P LED 35S WW PSU S1 PC      | 3000 K                             | 3,700 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              |
| 919515812317 | BY300P LED 27S CW 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 |
|--------------|----------------------------------|-------------------|
| 919515812324 | BY300P LED 35S WW PSU S1 PC      | 33 W              |
| 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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