PHILIPS

DuraLed Pro

9229919



An Energy efficient Robust Well Glass for Industrial and commercial application

DuraLED Pro 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 nonhazardous area in chemical and petrochemical industry. Compared to conventional HID Well Glass, it improves reliability, comfort, while reducing energy and maintenance cost dramatically. DuraLED Pro Well Glass comes with 2 different mounting arrangement options and with 2 color temperature and 2 lumen outputs.

Benefits

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

Applications

- Manufacturing
- Harsh Industry Application

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

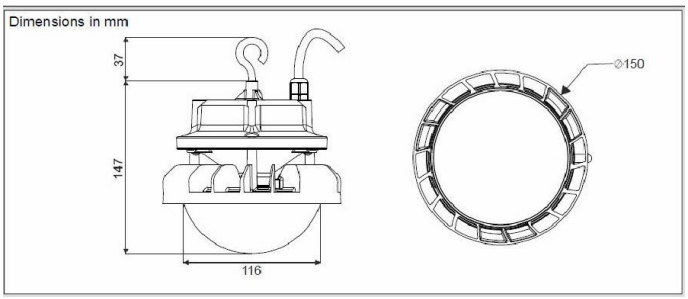
- Internal Surge Protection 4KV
- CRI>80; 4000k/6500K
- THD<10%; PF>0.9
- Meant for Indoor Application Only. Should not be used in outdoor environment.

Versions



DuraLed Pro BY202P

Dimensional drawing



DuraLed Pro BY202P

General Information

Driver included	Yes

Light Technical

Luminous Flux	4,300 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Optic type	-

Operating and Electrical

Input Voltage	220 to 240 V
Power Consumption	35 W
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	Aluminum and gray
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate bowl/cover

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5

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