



Energy-efficient lighting for industrial and commercial applications

GreenUp Wellglass

GreenUp LED Welglass luminaire is designed to replace traditional WelGlass up to 70W with only 35% 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 WelGlass, it improves reliability, comfort, while reducing energy and maintenance cost dramatically. GreenUp Welglass comes with 2 different mounting, pipe and bracket, and comes with 2 beam, lambertian and batwing.

Benefits

- Safe and reliable qualities
- High energy saving
- Comfortable light

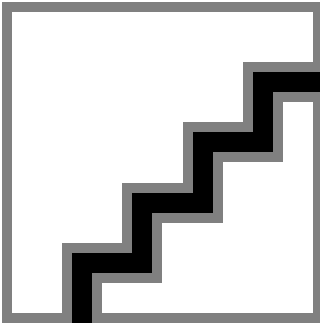
Features

- Waterproof, dustproof, impact proof and corrosion proof features, meeting requirements of outdoor application
- System efficacy 100lm/W, 1:1 replacement of HID up to 68% energy saving
- CRI>80, comfortable light with low glare ratings
- 50,000 hrs life with 70% lumen maintained
- Two mounting options: pipe mounting and bracket for wall/ceiling mounting

Application

- Harsh Industry Application

Versions



BY200P LED44 L-B



BY200P LED32 L-B



BY200P LED12/LED25

Accessories



BY200Z MB

Ordercode 911401578911



BY200Z WG

Ordercode 911401579111

Approval and Application

Mech. impact protection code IK08

Ingress protection code IP65

Controls and Dimming

Dimmable No

General Information

Protection class IEC Safety class I

Driver included Yes

Light source replaceable No

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401512261	BY200P LED44 L-B/CW PSU	-30 to +45 °C	-
911401512361	BY200P LED44 L-B/NW PSU	-30 to +45 °C	-
911401563721	BY200P LED40 L-B/CW PSU	-30 to +40 °C	Not applicable
911401563821	BY200P LED40 L-B/NW PSU	-30 to +40 °C	Not applicable

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401512461	BY200P LED32 L-B/CW PSU	-30 to +50 °C	-
911401512561	BY200P LED32 L-B/NW PSU	-30 to +50 °C	-
911401578611	BY200P LED25 B-W/NW PSU	-30 to +40 °C	Not applicable
911401578711	BY200P LED25 B-W/CW PSU	-30 to +40 °C	Not applicable

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401579211	BY200P LED12 B-W/CW PSU	-30 to +40 °C	Not applicable
911401579511	BY200P LED12 B-W/NW PSU	-30 to +40 °C	Not applicable
911401578811	BY200P LED25 L-B/CW PSU	-30 to +40 °C	Not applicable

Order Code	Full Product Name	Ambient temperature range	Maximum dim level
911401579011	BY200P LED25 L-B/NW PSU	-30 to +40 °C	Not applicable
911401579311	BY200P LED12 L-B/NW PSU	-30 to +40 °C	Not applicable
911401579411	BY200P LED12 L-B/CW PSU	-30 to +40 °C	Not applicable

Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401512261	BY200P LED44 L-B/CW PSU	220-240 V
911401512361	BY200P LED44 L-B/NW PSU	220-240 V
911401563721	BY200P LED40 L-B/CW PSU	220 to 240 V
911401563821	BY200P LED40 L-B/NW PSU	220 to 240 V
911401512461	BY200P LED32 L-B/CW PSU	220-240 V
911401512561	BY200P LED32 L-B/NW PSU	220-240 V
911401578611	BY200P LED25 B-W/NW PSU	220 to 240 V

Order Code	Full Product Name	Input Voltage
911401578711	BY200P LED25 B-W/CW PSU	220 to 240 V
911401579211	BY200P LED12 B-W/CW PSU	220 to 240 V
911401579511	BY200P LED12 B-W/NW PSU	220 to 240 V
911401578811	BY200P LED25 L-B/CW PSU	220 to 240 V
911401579011	BY200P LED25 L-B/NW PSU	220 to 240 V
911401579311	BY200P LED12 L-B/NW PSU	220 to 240 V
911401579411	BY200P LED12 L-B/CW PSU	220 to 240 V

General Information (1/2)

Order Code	Full Product Name	CE mark	Optical cover/lens type	ENEC mark	Flammability mark	Gear	Glow-wire test	Lamp family code
911401512261	BY200P LED44 L-B/CW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	-	-
911401512361	BY200P LED44 L-B/NW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	-	-
911401563721	BY200P LED40 L-B/CW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED38S
911401563821	BY200P LED40 L-B/NW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED38S
911401512461	BY200P LED32 L-B/CW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	-	-
911401512561	BY200P LED32 L-B/NW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	-	-
911401578611	BY200P LED25 B-W/NW PSU	-	Glass frosted	-	-	-	Temperature 650 °C, duration 30 s	LED28S
911401578711	BY200P LED25 B-W/CW PSU	-	Glass frosted	-	-	-	Temperature 650 °C, duration 30 s	LED28S
911401579211	BY200P LED12 B-W/CW PSU	-	Glass frosted	-	-	-	Temperature 650 °C, duration 30 s	LED15S
911401579511	BY200P LED12 B-W/NW PSU	-	Glass frosted	-	-	-	Temperature 650 °C, duration 30 s	LED15S
911401578811	BY200P LED25 L-B/CW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED28S
911401579011	BY200P LED25 L-B/NW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED28S
911401579311	BY200P LED12 L-B/NW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED15S
911401579411	BY200P LED12 L-B/CW PSU	-	Polycarbonate bowl/cover frosted	-	-	-	Temperature 650 °C, duration 30 s	LED15S

General Information (2/2)

Order Code	Full Product Name	Number of gear		
		units	Optic type	UL mark
911401512261	BY200P LED44 L-B/CW PSU	-	-	-
911401512361	BY200P LED44 L-B/NW PSU	-	-	-
911401563721	BY200P LED40 L-B/CW PSU	1 unit	Wide beam	-
911401563821	BY200P LED40 L-B/NW PSU	1 unit	Wide beam	-
911401512461	BY200P LED32 L-B/CW PSU	-	-	-
911401512561	BY200P LED32 L-B/NW PSU	-	-	-
911401578611	BY200P LED25 B-W/NW PSU	1 unit	Wide beam	-

Order Code	Full Product Name	Number of gear		
		units	Optic type	UL mark
911401578711	BY200P LED25 B-W/CW PSU	1 unit	Wide beam	-
911401579211	BY200P LED12 B-W/CW PSU	1 unit	Wide beam	-
911401579511	BY200P LED12 B-W/NW PSU	1 unit	Wide beam	-
911401578811	BY200P LED25 L-B/CW PSU	1 unit	Wide beam	-
911401579011	BY200P LED25 L-B/NW PSU	1 unit	Wide beam	-
911401579311	BY200P LED12 L-B/NW PSU	1 unit	Wide beam	-
911401579411	BY200P LED12 L-B/CW PSU	1 unit	Wide beam	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux	Luminous flux tolerance	Initial input power
911401512261	BY200P LED44 L-B/CW PSU	-	-	>80	110 lm/W	4400 lm	+/-10%	40 W
911401512361	BY200P LED44 L-B/NW PSU	-	-	>80	110 lm/W	4400 lm	+/-10%	40 W
911401563721	BY200P LED40 L-B/CW PSU	-	6500 K	-	-	-	+/-7.5%	38 W
911401563821	BY200P LED40 L-B/NW PSU	-	4000 K	-	-	-	+/-7.5%	38 W
911401512461	BY200P LED32 L-B/CW PSU	-	-	>80	110 lm/W	3200 lm	+/-10%	29 W
911401512561	BY200P LED32 L-B/NW PSU	-	-	>80	110 lm/W	3200 lm	+/-10%	29 W
911401578611	BY200P LED25 B-W/NW PSU	-	4000 K	-	-	-	+/-7.5%	27.1 W
911401578711	BY200P LED25 B-W/CW PSU	-	6500 K	-	-	-	+/-7.5%	27.1 W
911401579211	BY200P LED12 B-W/CW PSU	-	6500 K	-	-	-	+/-7.5%	15 W
911401579511	BY200P LED12 B-W/NW PSU	-	4000 K	-	-	-	+/-7.5%	15 W
911401578811	BY200P LED25 L-B/CW PSU	-	6500 K	-	-	-	+/-7.5%	27.1 W
911401579011	BY200P LED25 L-B/NW PSU	-	4000 K	-	-	-	+/-7.5%	27.1 W
911401579311	BY200P LED12 L-B/NW PSU	-	4000 K	-	-	-	+/-7.5%	15 W
911401579411	BY200P LED12 L-B/CW PSU	-	6500 K	-	-	-	+/-7.5%	15 W

