



CAPELLA LED WELL GLASS LIGHT is a bright solution to efficiently illuminate petroleum canopies. This fixture balances the technical needs of a sophisticated LED system with the functional demands of a robust outdoor fixture facing year-round weather hazards.

Characteristics

1. With the unique light distribution design, make the light well distributed. Its beam angle can reach 150°. It efficiently utilizes the light. Have a good performance of luminance uniformity, glare free, can avoid eyestrain to the worker.
2. LokoZo (In-house) make LED driver, high efficiency, more stable performance.
3. The housing is especially designed to dissipate heat. Besides, it uses the thermal transmission to accelerate the heat conduction which increases the efficiency and lifespan of the LED, so that to ensure the 50,000 hours LED lifespan.
4. The lamp is made to the explosion proof protection grade: flame proof, to ensure that the lamp can safely be used in all kinds of inflammable and explosive places.
5. The anti-corrosion, abrasion proof, power coated cover which is dust proof, water proof, make the lamp an excellent option for all kinds of high stress environment.
6. 18-43VAC or 18-55VDC is optional for 25W and 40W as customer requirement.

TECHNICAL SPECIFICATIONS

Correlated Color Temperature	5800K
Color Rendering Index	>80
Beam Angle	150°
PF	>0.95
Screw Thread	G3/4"
Insulation Grade	I
IP	IP67

ELECTRICAL SUPPLY

Frequency (Hz)	50-60 Hz
Mains voltage (VAC)	190-300 VAC

APPLICATION CONDITIONS

Operating Temperature range	-40°C to +60°C
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MATERIAL PROPERTIES

Optical Material	Borosilica Lense
Heat Sink	Aluminium alloy
Driver Box	Sheet Metal (MS)

PART NO.	POWER (WATT)	BEAM ANGLE	WEIGHT (KG)
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CAPELLA-Z-50	50	150°	1.4
CAPELLA-Z-80	80	150°	2.3
CAPELLA-Z-100	100	150°	3.2
CAPELLA-Z-120	120	150°	3.9
CAPELLA-Z-150	150	150°	4.7

APPLICATION

Ideal to be used in the oilfield, petrochemical industry, steel industry, power, petrochemical, Petroleum etc.

Harsh environment, moist area.

Gas explosive environment : Group I, II, III

Zone 1, Zone2; Zone 21, Zone 22

Temperature class: T1 to T6