

LED CIRCULAR EXPLOSION PROOF – 60~200



LED Circular Explosion Proof

High Efficacy up to 140 lm/W and up to 75% in energy savings available in 60W-200W configurations.

APPLICATIONS

- Hazardous locations
- Manufacturing
- Refineries
- Mining
- Food processing
- Fuel depots
- Marine vessels

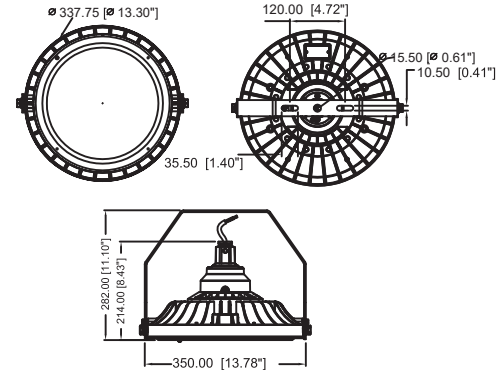
AUTHORIZED BY:

NAME:

DATE:

DIMENSIONS & WEIGHT

PRODUCT LINE	EXC-60~200
LENGTH (cm)	35.5
WIDTH (cm)	35.5
HEIGHT (cm)	28.2
NET WEIGHT (Kg/Lbs)	9/19.8
PCS / CARTON	1
CARTON WEIGHT (Kg/Lbs)	10/22



ORDERING INFORMATION

CNX-EXC		
PRODUCT TYPE	COLOR TEMPERATURE	WATTAGE
CNX-EXC	30 – 3000K 40 – 4000K 50 – 5000K	60 – 60 WATTS 80 – 80 WATTS 100 – 100 WATTS 120 – 120 WATTS 150 – 150 WATTS 180 – 180 WATTS 200 – 200 WATTS

PRODUCT SPECIFICATIONS

Construction Characteristics:

- Die-cast aluminum housing (Silver/Orange)
- Explosion proof tempered glass
- Exceptional heat dissipation
- Dust and water proof
- IP 66
- Class I, Division I (Group C,D)
- Class I, Division 2 (Group A,B,C,D)
- Class II, Division 1 & 2 (Group E,F,G)
- Class III
- Group I & II, Zone 0/20, 1/21, 2/22

Optical Characteristics:

- CRI (Color Rendering Index): >80
- 120 degree optics

Electrical Characteristics:

- Input Voltage: 120 ~ 277 VAC or 200-480 VAC, 50/60 Hz, (DC Options avail upon request)
- Power Factor: 0.9 at full load
- THD = <20%
- Operating Temperature Range: -40 ~ +60C
- Built in 6kV protection
- Surge Protection: 10kv/10kA or 20kv/20kA
- 100,000 switching cycles

PRODUCT OPTIONS

INPUT VOLTAGE	MOUNTING	FIXTURE COLOR
P1 – 100~277 VAC P2 – 200~480 VAC CS – 24 VDC	BRK – BRACKET PND – PENDANT TRN – TRUNNION	SLV – SILVER ORG – ORANGE
CONTROL	SAFETY LENS COVER	ADDITIONAL SURGE PROTECTION
CTR – CONX CONTROL DAL – 1-10V DALI ZIG – ZIGBEE MTN – MOTION DAY – DAYLIGHT HARVESTING XXX – NO CONTROL	SFL – SAFETY LENS COVER XXX – NO SAFETY COVER	10K – 10KV/KA 20K – 20KV/KA (P2 ONLY) XXX – NO SURGE PROTECTION

ELECTRICAL DATA

SYSTEM WATTAGE	LUMEN OUTPUT	EFFICACY
60 WATTS	8,400 LUMENS	140 LM/W
80 WATTS	11,200 LUMENS	140 LM/W
100 WATTS	14,000 LUMENS	140 LM/W
120 WATTS	16,800 LUMENS	140 LM/W
150 WATTS	21,000 LUMENS	140 LM/W
180 WATTS	25,200 LUMENS	140 LM/W
200 WATTS	28,000 LUMENS	140 LM/W



MOUNTING OPTIONS	
	BRK - BRACKET
	TRN - TRUNNION
	PND - PENDANT
OPTIONS	
	SFL - Safety Lens Cover
	SFR - Safety Ring (European)
	SFH - Safety Hook (North American)
	SFC - Safety Chain
	SFK - Safety Cable Kit

