

LED LINEAR EXPLOSION PROOF – 020 ~ 080 R-Series



LED Linear Explosion Proof (R-Series)

High Efficacy up to 140 lm/W and up to 85% in energy savings available in 20W-80W configurations.

APPLICATIONS

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

PRODUCT SPECIFICATIONS

Construction Characteristics:

- High grade SUS 304/316L housing
- PC lens (UL94-5VA fireproof)
- Water/Vapour/Dust/Corrosion/Explosion proof
- IP 66 - suitable for outdoor use
- Vibration resistant
- IK 10 - Heavy-duty impact resistant

Optical Characteristics:

- CRI (Color Rendering Index): >70
- 120 degree optics

Electrical Characteristics:

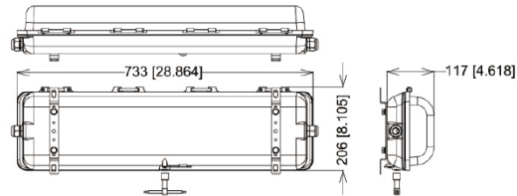
- Input Voltage: 100 ~ 277 VAC or 277-480 VAC, 50/60 Hz
- Power Factor > 0.9 at full load
- THD < 20%
- Surge protection: 10kV/10kA or 20kV/20kA
- Battery back-up available upon request
- DC power available upon request

AUTHORIZED BY:

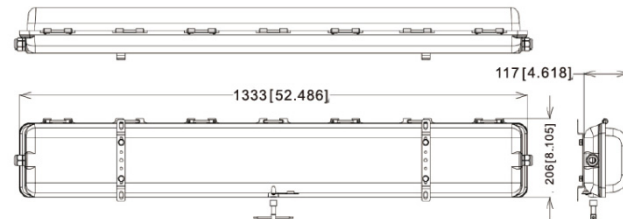
NAME:

DATE:

DIMENSIONS & WEIGHT			PACKAGING		
PRODUCT LINE	MEASUREMENTS L x W x H (cm)	WEIGHT (Kg)	MEASUREMENTS L x W x H (cm)	GROSS WEIGHT (Kg)	PCS / BOX
EXL-020 ~ 040	73.3 x 20.6 x 11.7	4.0	82.0 x 25.0 x 18.0	5.0	1
EXL-060 ~ 080	133.3 x 20.6 x 11.7	8.0	132.0 x 22.0 x 18.0	10.7	1



20 – 40W



60 – 80W

ORDERING INFORMATION

CNX-EXL			
PRODUCT TYPE	CCT	WATTAGE	INPUT VOLTAGE
CNX-EXL (R-Series)	30 – 3000K 40 – 4000K 50 – 5000K 57 – 5700K	020 – 20 WATT 030 – 30 WATT 040 – 40 WATT 060 – 60 WATT 080 – 80 WATT	P1 – 100~277 VAC P2 – 277~480 VAC

CERTIFICATIONS

ATEX	II 2GD Ex db eb mb op is IIC T5/T6 Gb Ex tb op is IIIC T80 Db IP66
IECEX	Ex db eb mb IIC T5/T6 Gb Ex tb IIIC T95/T80 Gb
UL 844	Class I, Division 2, Groups A, B, C, D Class II, Division 1, Groups E, F, G Class II, Division 2, Groups F, G Class III
MARINE	UL 1598 ABS and DNV Type Approved

ELECTRICAL DATA

SYSTEM WATTAGE	LUMEN OUTPUT	EFFICACY
20 WATTS	2,800 LUMENS	140 LM/W
30 WATTS	4,200 LUMENS	140 LM/W
40 WATTS	5,600 LUMENS	140 LM/W
60 WATTS	8,400 LUMENS	140 LM/W
80 WATTS	11,200 LUMENS	140 LM/W