



TPCE Series

EXPLOSIONSGESCHÜTZT
LED TRIPROOF



(Please see the specification of UL HazLoc version)



TPCE Series Explosion Proof LED Triproof

Produktbeschreibung

Die TPCE-Serie ist geeignet für ATEX Zone 1 & 21 und 2 & 22. Dank der hohen Lichtausbeute und des niedrigen Energieverbrauchs können Räume damit effizient beleuchtet werden. Gehäuse aus hochwertiger Aluminiumlegierung, stoß- und vibrationsfest und abgedeckt mit einem transparenten PC-Cover.

Eigenschaften

- Speziell entwickelte Form, entworfen für explosionssicheren Schutz. Gehäuse aus Aluminiumlegierung, optimiert für die beste Wärmeableitung.
- PC-Abdeckung mit hervorragender Korrosionsbeständigkeit, schock- und vibrationsbeständig, blendfrei, mit mehr als 90% Lichtdurchlässigkeit.
- Perfekter Ersatz für die traditionelle explosionssichere Leuchtstofflampe.
- LED: 3030 LEDs, LM80 zertifiziert
Hochwertiger LED-Treiber, Lebensdauer von mehr als 50.000 Stunden
- Schaltungsdesign: 4KV/6KV Überspannungsschutz in der Stromversorgung.

Zertifikate

ATEX:

- Ex II 2G Ex eb mb IIC T5 Gb;
- Ex II 2D Ex tb IIIC T75 °C Db;
- IP66;
- Certificate No: SEV 21 ATEX 0578 X;

IECEX:

- Ex eb mb IIC T5 Gb;
- Ex tb IIIC T75°C Db;
- IP66;
- Certificate No: IECEX SEV 21.0038X;

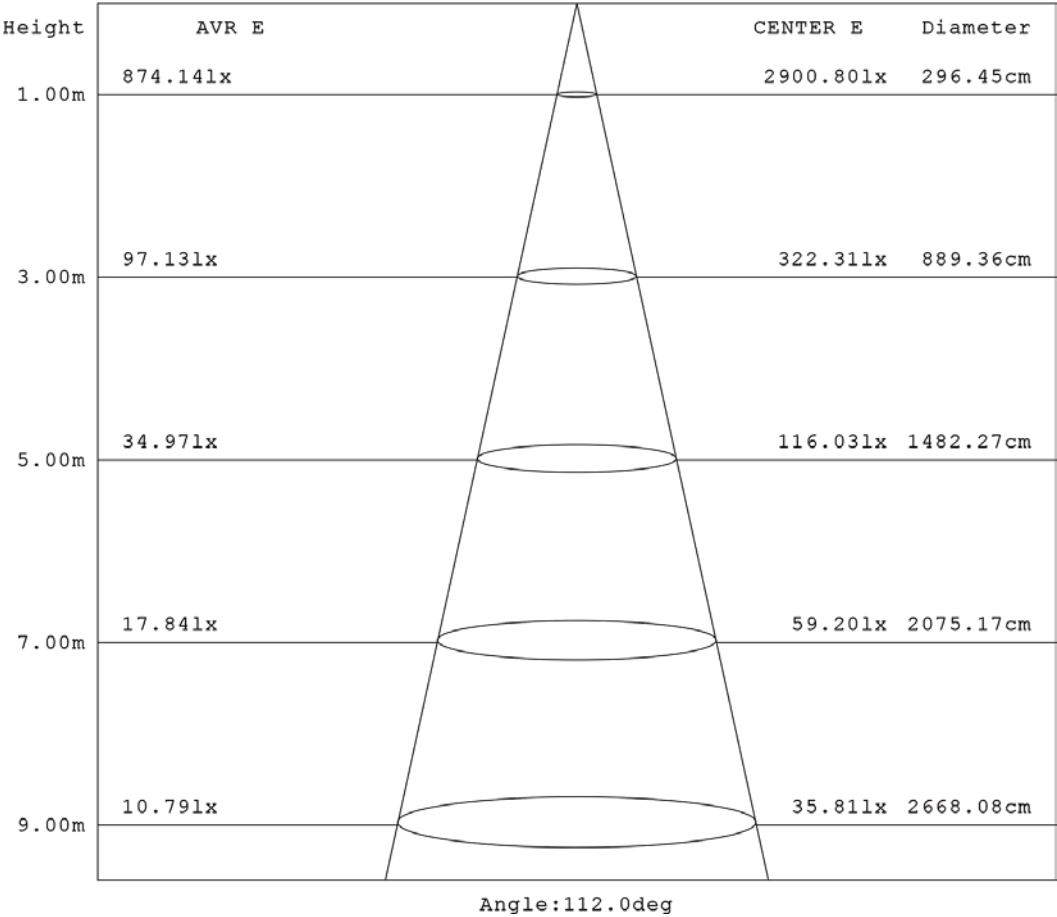
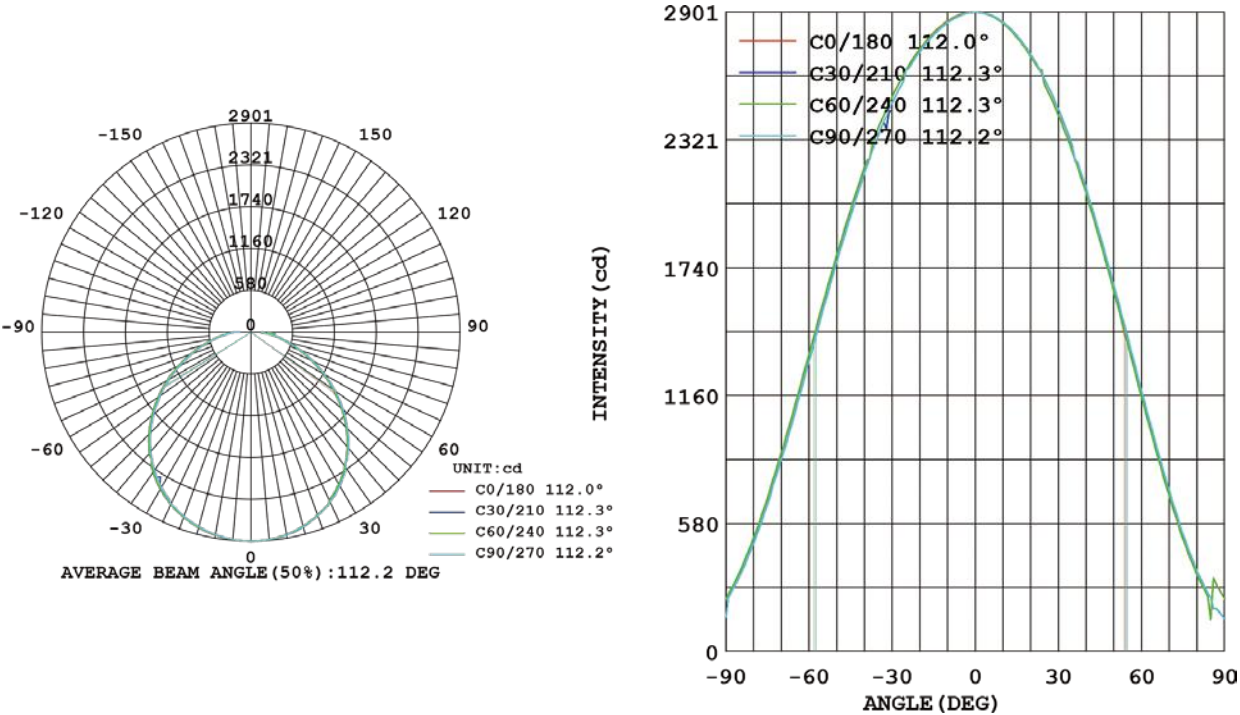
Anwendungen

Abwasserreinigung, Öl- und Gasraffinerien, Bohrseln, petrochemische Anlagen, Lebensmittel- und Getränkeindustrie, Tunnel, allgemeine Beleuchtung innen oder außen, und überall dort, wo entzündliche Dämpfe, Gase, brennbarer Staub, Fasern oder Flusen vorhanden sind.

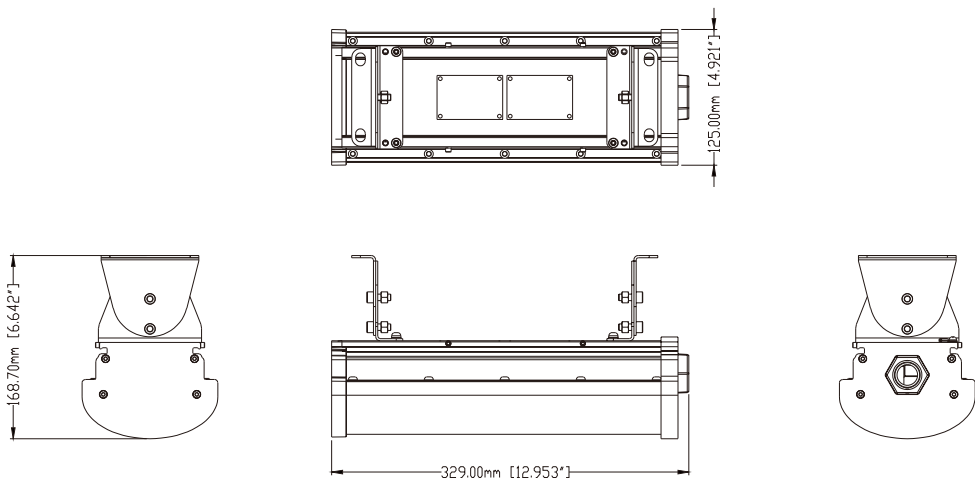
Garantie

5 Jahre Garantie

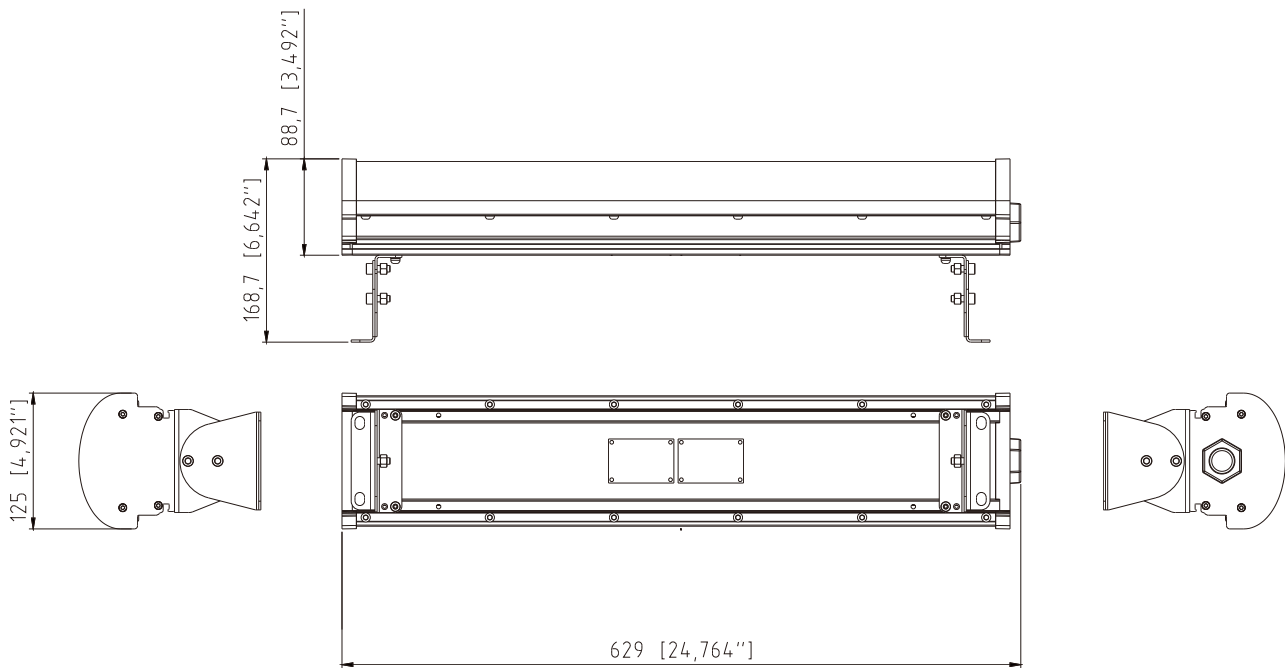
Lichtverteilung



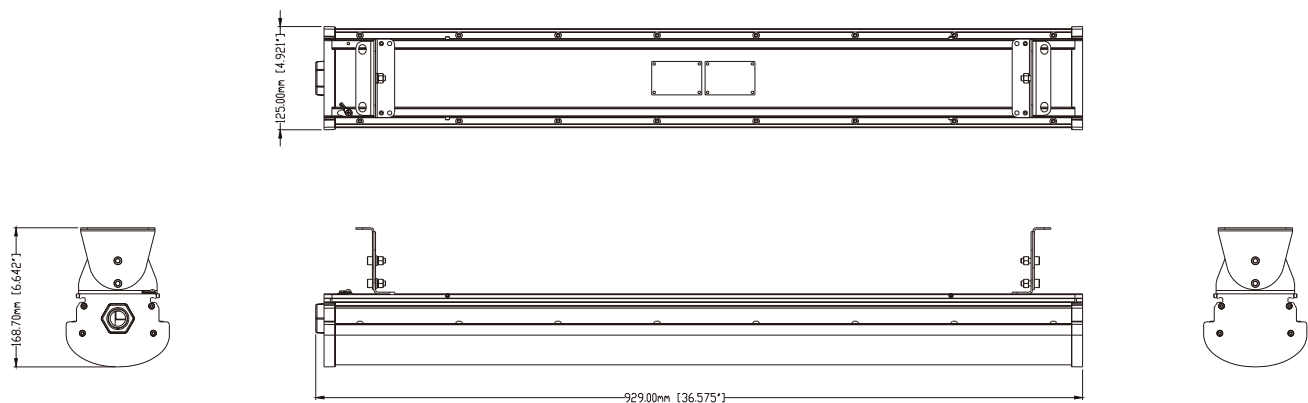
Format und Verpackung



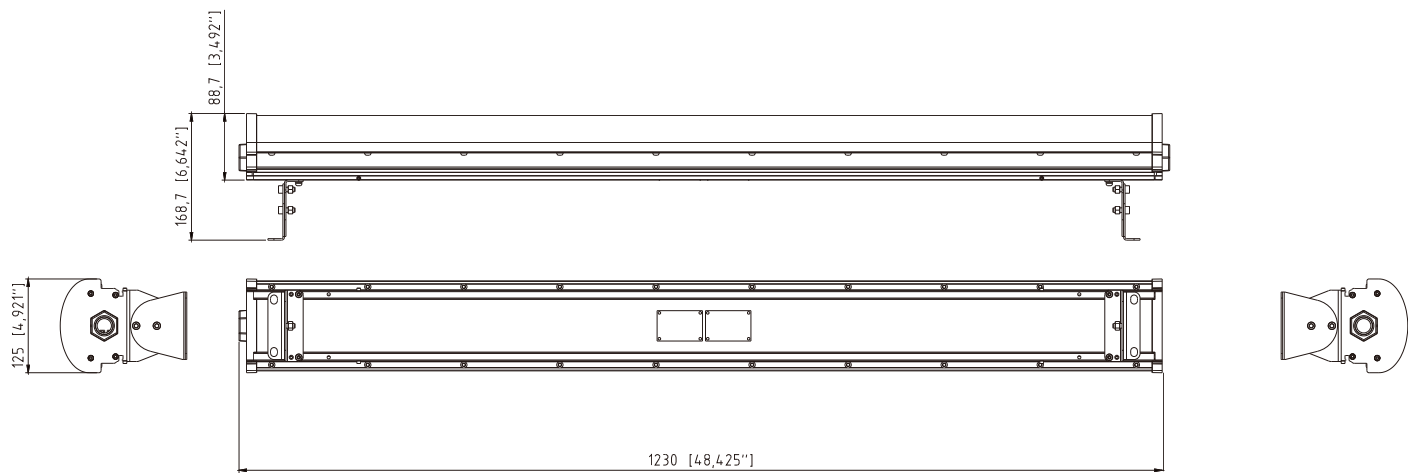
Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-20-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—
TPCE-30-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-20-60	629mm×125mm×168.7mm	780mm×185mm×145mm	1	4.6kg	5.1kg
TPCE-30-60	629mm×125mm×168.7mm	780mm×185mm×145mm	1	4.6kg	5.1kg
TPCE-40-60	629mm×125mm×168.7mm	780mm×185mm×145mm	1	4.6kg	5.1kg
TPCE-50-60	629mm×125mm×168.7mm	780mm×185mm×145mm	1	4.6kg	5.1kg



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-40-90	929mm×125mm×168.7mm	1080mm×185mm×145mm	1	—	—
TPCE-50-90	929mm×125mm×168.7mm	1080mm×185mm×145mm	1	—	—
TPCE-60-90	929mm×125mm×168.7mm	1080mm×185mm×145mm	1	—	—
TPCE-70-90	929mm×125mm×168.7mm	1080mm×185mm×145mm	1	—	—



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-40-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg
TPCE-50-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg
TPCE-60-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg
TPCE-70-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg
TPCE-80-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg
TPCE-100-120	1230mm×125mm×168.7mm	1380mm×185mm×145mm	1	7.7kg	8.5kg

Technische Parameter

ProductModel	TPCE - 329 mm	TPCE - 629 mm
Type	LED Explosion proof Linear Light	LED Explosion proof Linear Light
luminous efficiency	140lm/W	140lm/W
Power (W)	20W / 30W	20W / 30W / 40W / 50W
Voltage - Frequency	100-277Vac 50-60Hz	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	120°	120°
Power Factor	>0.95	>0.95
Rated Lifetime - L70 (hrs.)	>50,000	>50,000
THD	<10%	<10%
Operating temperature	-40 °C ~ 55 °C	-40 °C ~ 55 °C
Entry Size	3/4"-14 NPT or M25 X1.5 or M26 X1.5	3/4"-14 NPT or M25 X1.5 or M26 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

***Emergency optional:** Emergency power: 12W Emergency time: ≥90min Battery: Li-ion battery- 11.1V/2500mAH

ProductModel	TPCE - 929 mm	TPCE - 1230 mm
Type	LED Explosion proof Linear Light	LED Explosion proof Linear Light
luminous efficiency	140lm/W	140lm/W
Power (W)	40W / 50W / 60W / 70W	40W / 50W / 60W / 70W / 80W / 100W
Voltage - Frequency	100-277Vac 50-60Hz	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	120°	120°
Power Factor	>0.95	>0.95
Rated Lifetime - L70 (hrs.)	>50,000	>50,000
THD	<10%	<10%
Operating temperature	-40 °C ~ 55 °C	-40 °C ~ 55 °C
Entry Size	3/4"-14 NPT or M25 X1.5 or M26 X1.5	3/4"-14 NPT or M25 X1.5 or M26 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

***Emergency optional:** Emergency power: 12W Emergency time: ≥90min Battery: Li-ion battery- 11.1V/2500mAH

Bild



TPCE 329mm



TPCE 629mm



TPCE 929mm

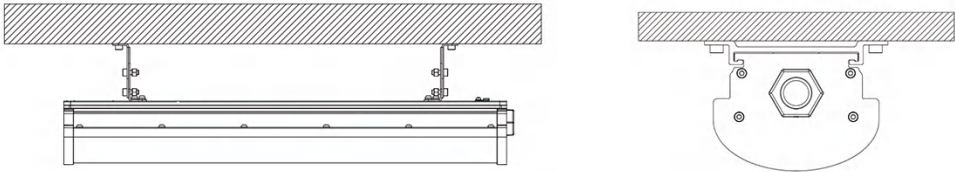


TPCE 1230mm

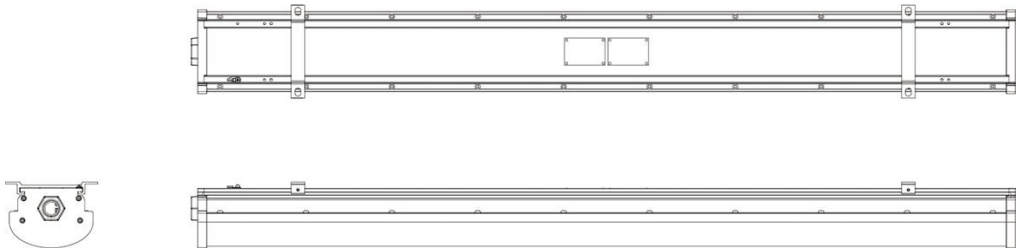
Installationsmöglichkeiten



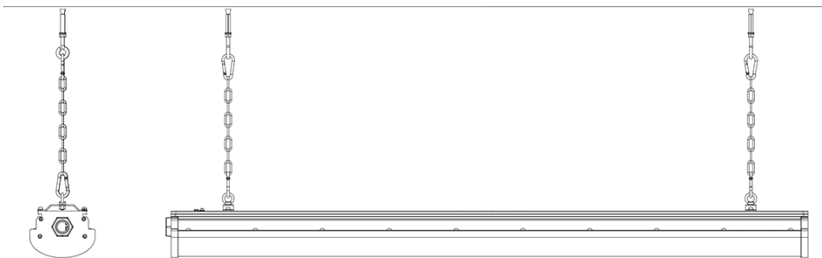
Installationsmethode



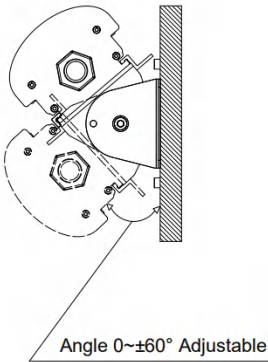
A.Ceiling mounting



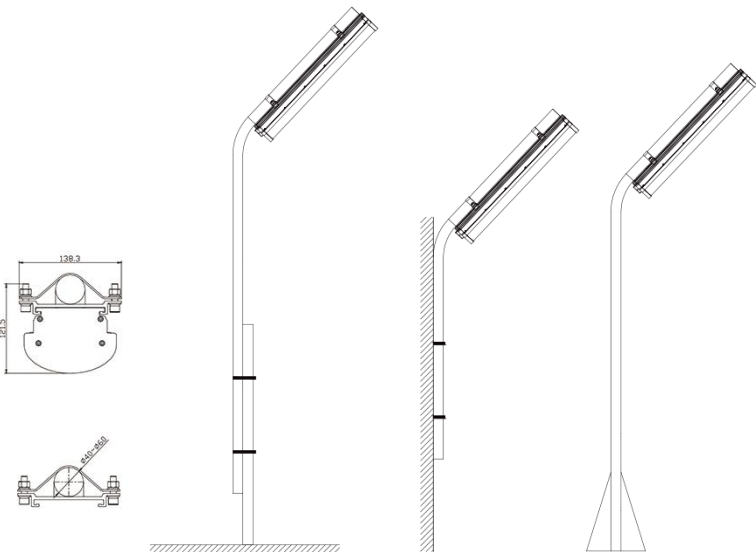
B.Pendant mounting



C.Pendant chain mounting



D.Wall mounting



E.Pole Mounting