

LUMEV.

LED LIGHTING



TPCE Series
EXPLOSION PROOF
LED TRIPROOF



(Please see the specification of UL HazLoc version)



TPCE Series Explosion Proof LED Triproof

Description du produit

La série TPCE est adaptée pour les zones ATEX 1 & 21 et 2 & 22. Grâce à sa haute luminosité et à sa faible consommation d'énergie, elle permet d'éclairer efficacement les espaces. Boîtier en alliage d'aluminium de haute qualité, résistant aux chocs et aux vibrations, recouvert d'un couvercle transparent en PC.

Caractéristiques

- Moulage spécialement développé, conçu pour une protection antidéflagrante. Boîtier en alliage d'aluminium, optimisé pour la meilleure dissipation de chaleur.
 - Couverture PC avec excellente résistance à la corrosion, résistant aux chocs et aux vibrations, anti-éblouissant, avec plus de 90 % de transmission de lumière.
 - Remplacement parfait pour le traditionnel lampes fluorescentes antidéflagrantes.
 - LED: 3030 LEDs, certifié LM80
- Driver LED de haute qualité, durée de vie de plus de 50.000 heures.
- Conception de circuit: protection contre les surtensions de 4KV/6KV dans l'alimentation
 - Degré de protection : IP66, haute protection contre l'eau et la poussière

Certificats

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;

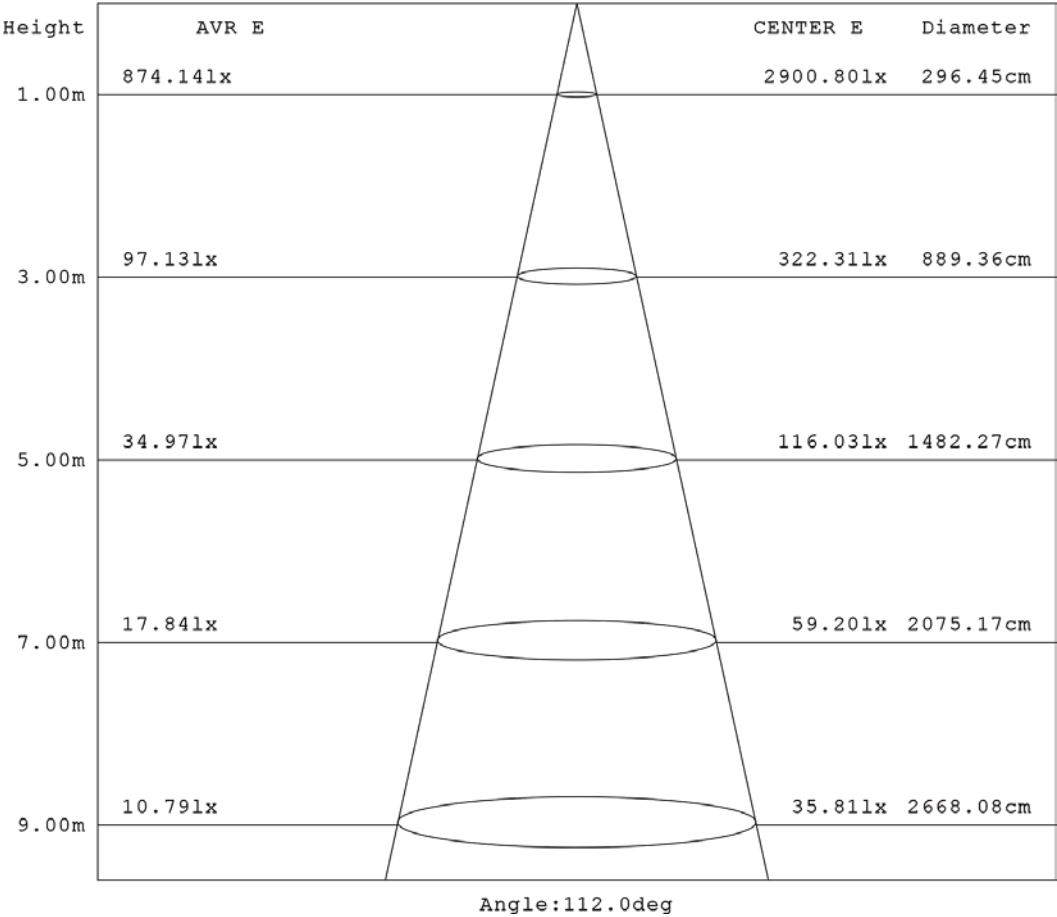
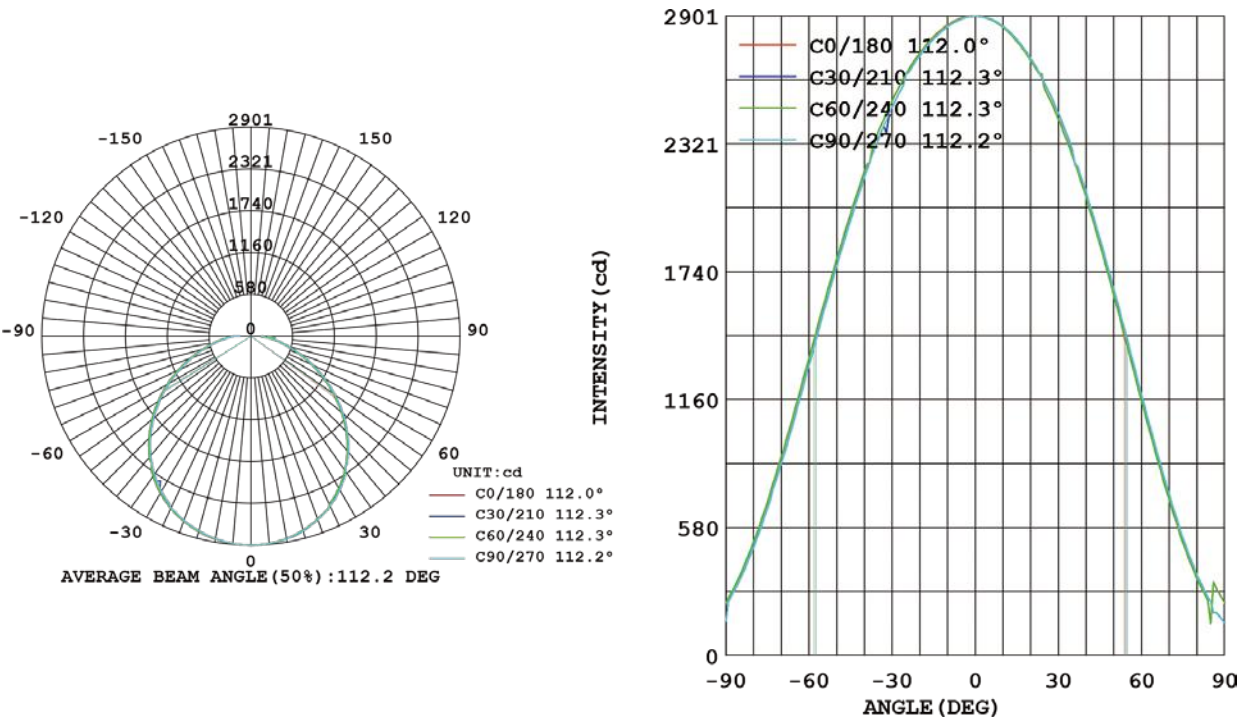
Applications

Traitement des eaux usées, raffineries de pétrole et de gaz, plates-formes de forage, installations pétrochimiques, industrie alimentaire et des boissons, tunnels, éclairage général à l'intérieur ou à l'extérieur, et partout où des vapeurs inflammables, des gaz, de la poussière combustible, des fibres ou des flocons sont présents.

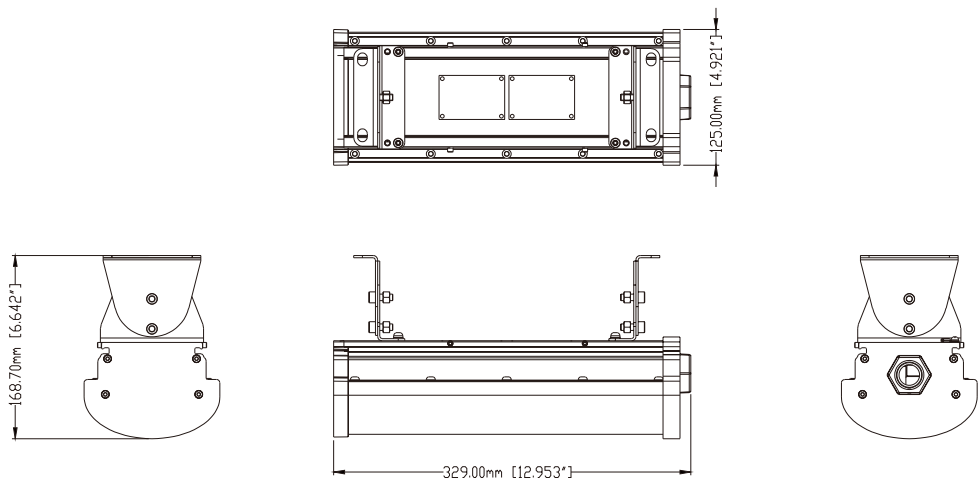
Garantie

Garantie de 5 ans

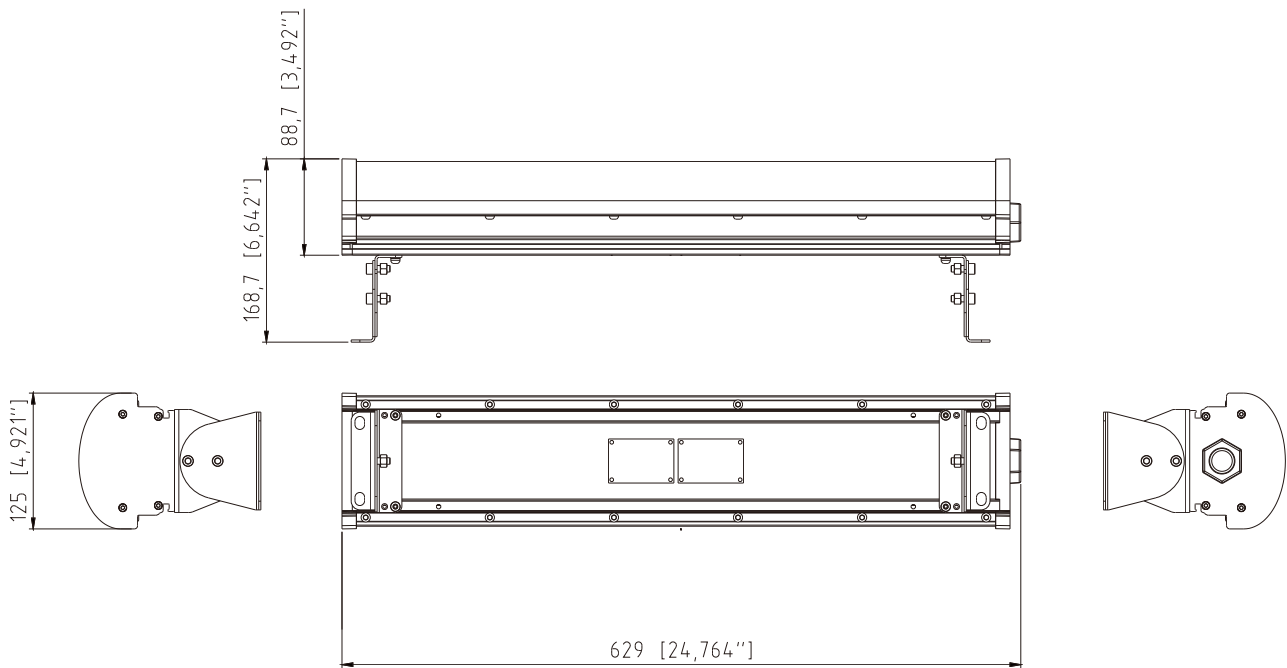
Répartition de la lumière



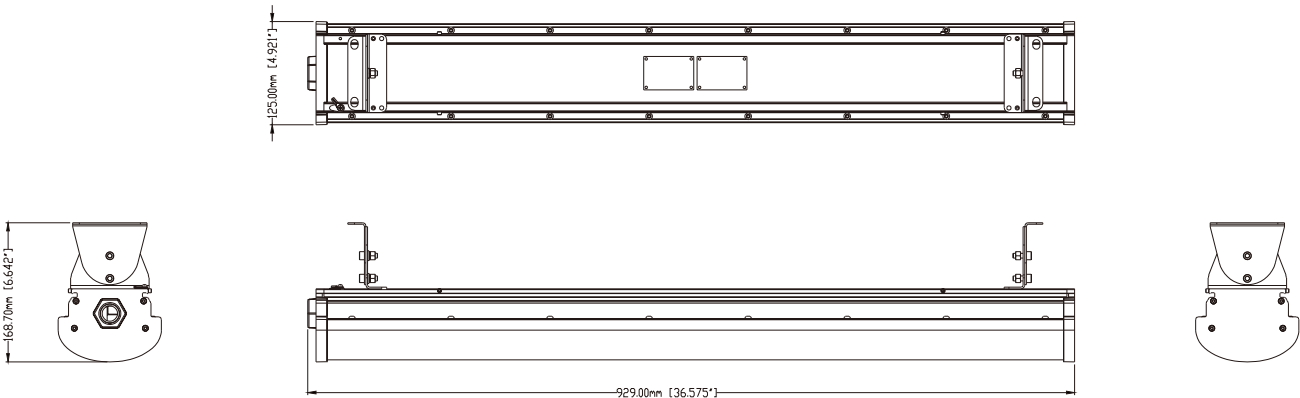
Format et emballage



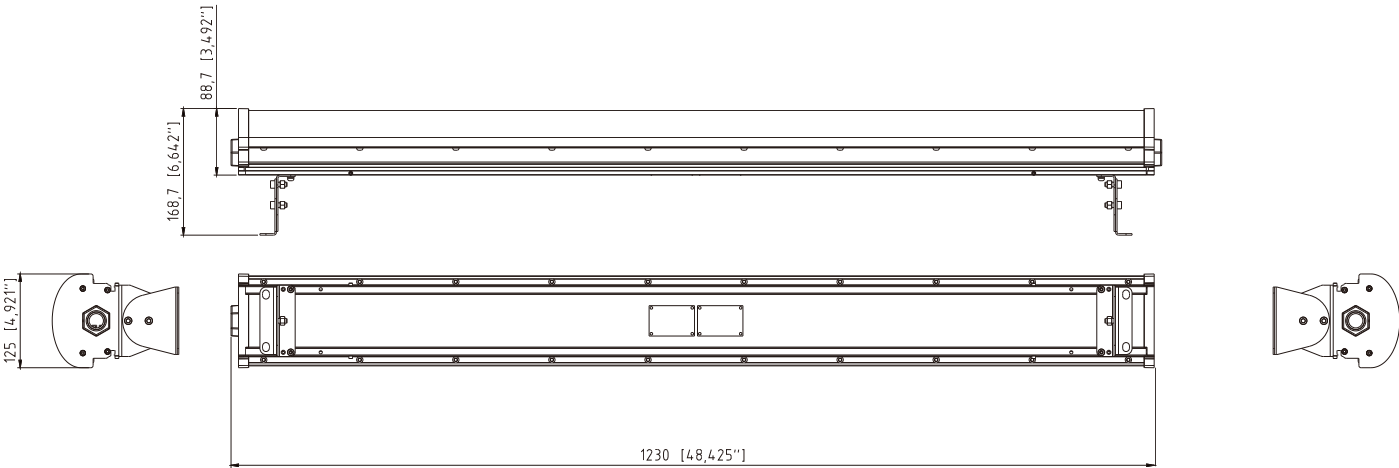
Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-20-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—
TPCE-30-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—



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

Paramètre technique

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

Image



TPCE 329mm



TPCE 629mm



TPCE 929mm

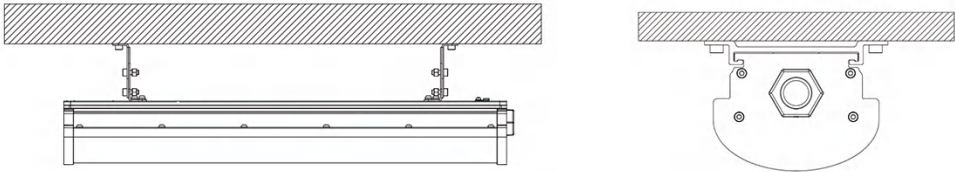


TPCE 1230mm

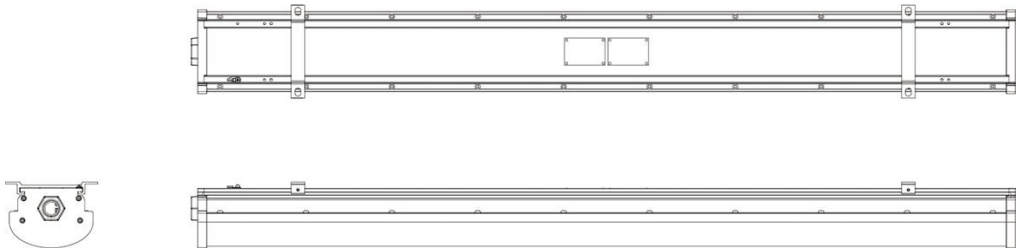
Options d'installation



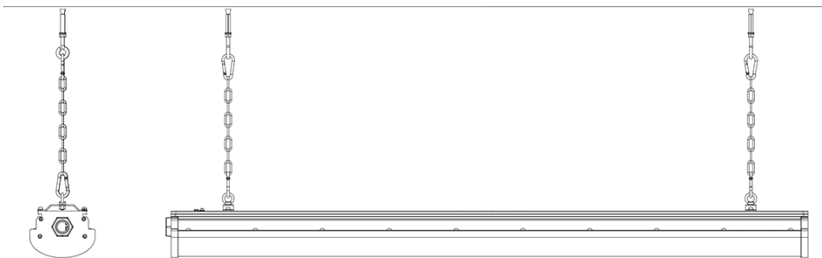
Méthode d'installation



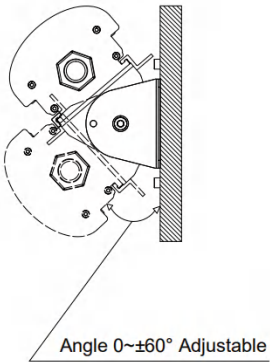
A.Ceiling mounting



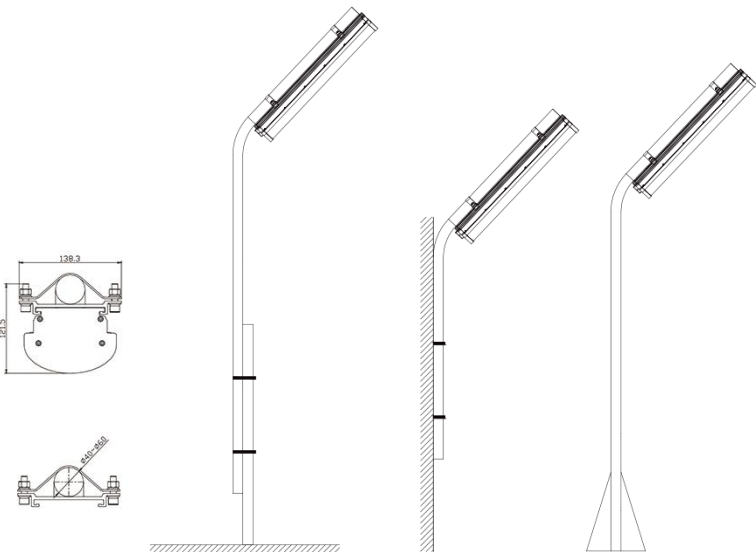
B.Pendant mounting



C.Pendant chain mounting



D.Wall mounting



E.Pole Mounting