



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;

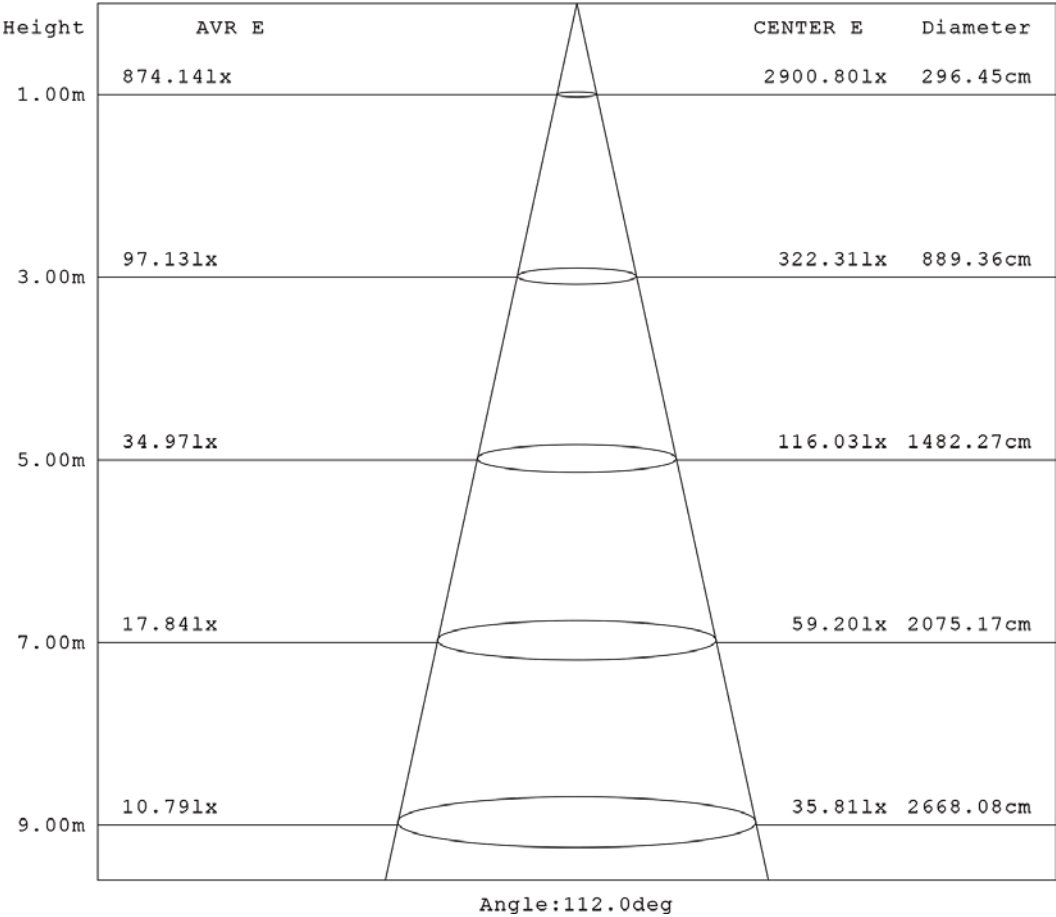
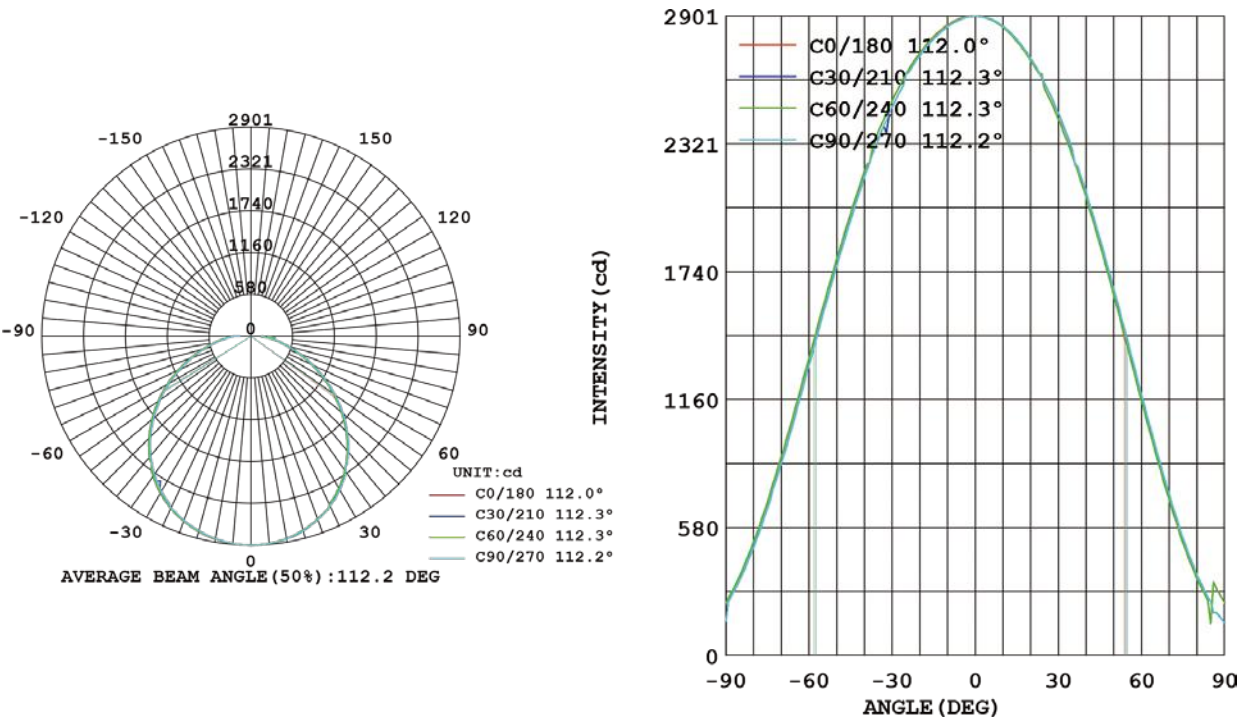
Anwendungen

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.

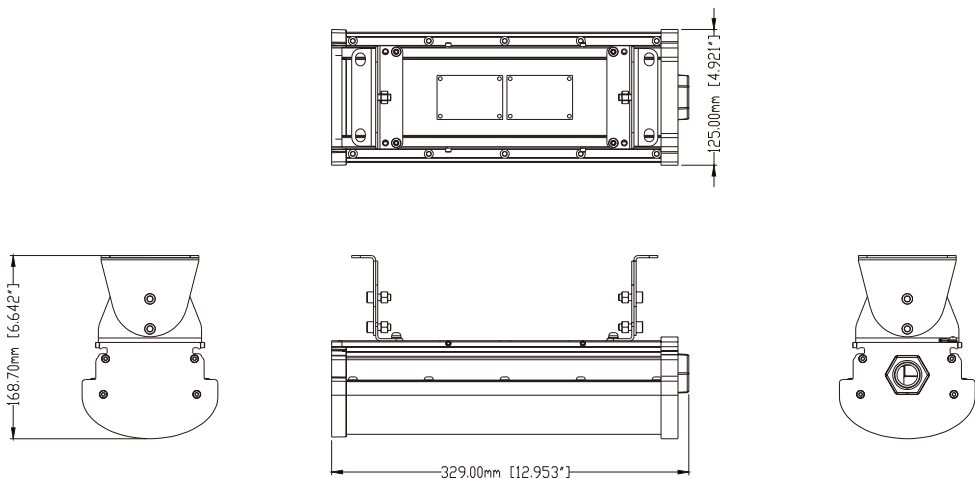
Garantie

5 Jahre Garantie

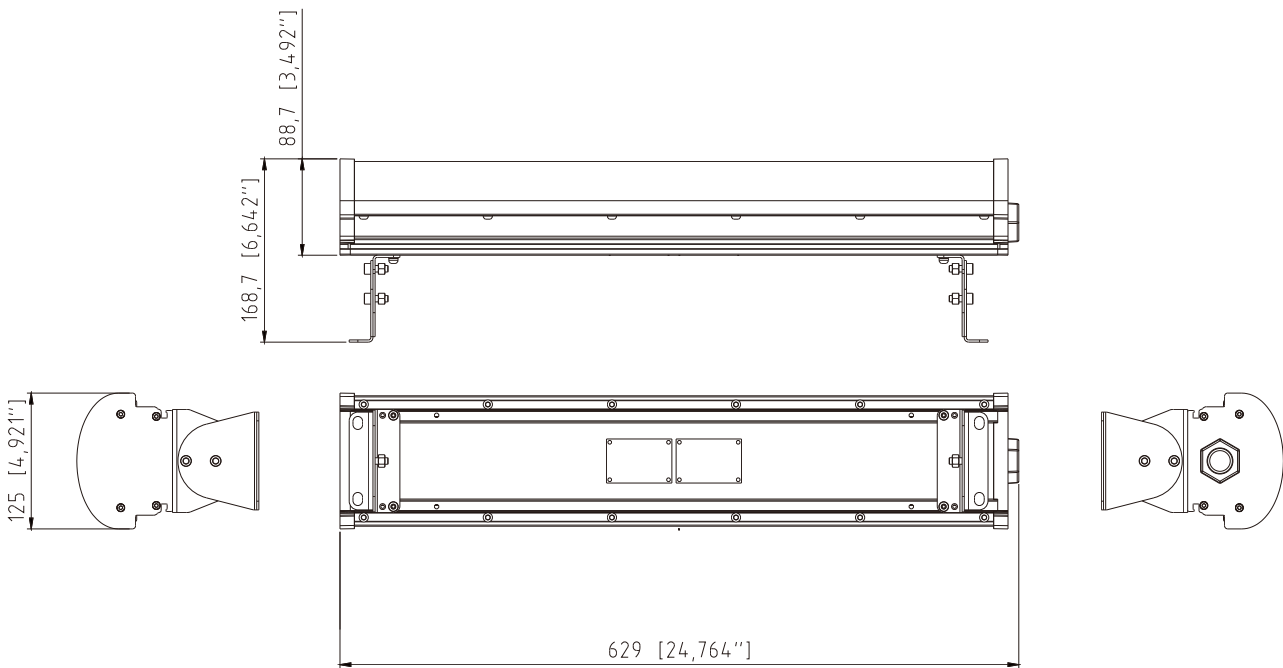
Lichtverteilung



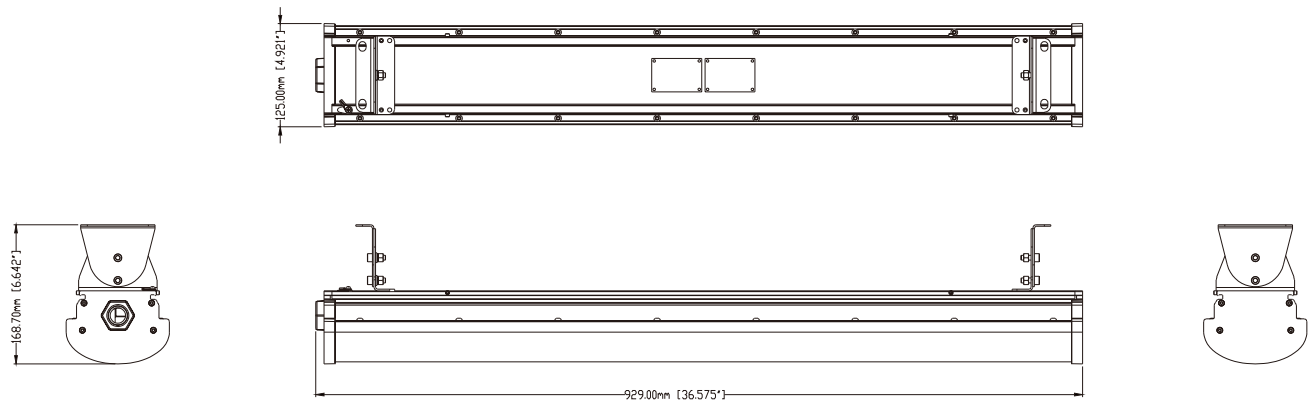
Format und Verpackung



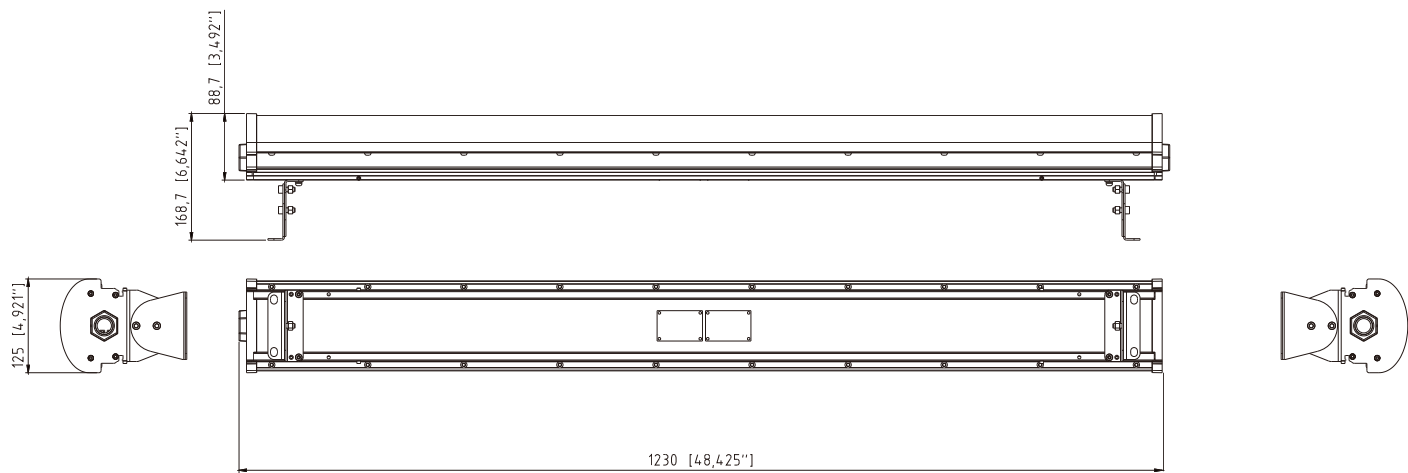
Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
TPCE-20-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—
TPCE-30-30	329mm×125mm×168.7mm	480mm×185mm×145mm	1	—	—



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 ~ 50 °C	-40 °C ~ 50 °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)

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 ~ 50 °C	-40 °C ~ 50 °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)

Bild



TPCE 329mm



TPCE 629mm



TPCE 929mm

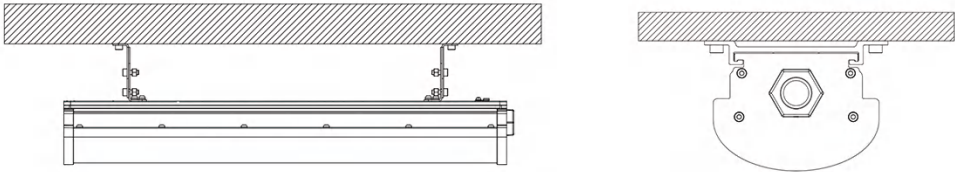


TPCE 1230mm

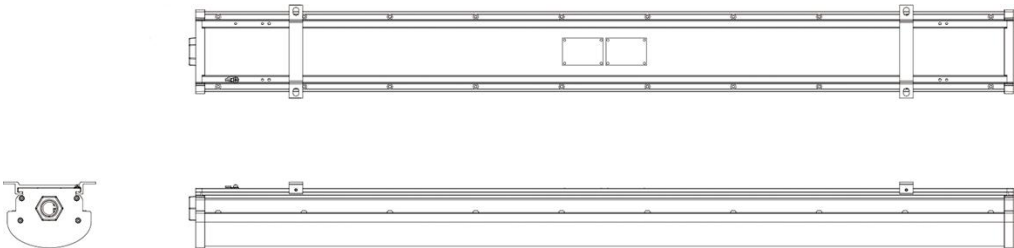
Installationsmöglichkeiten



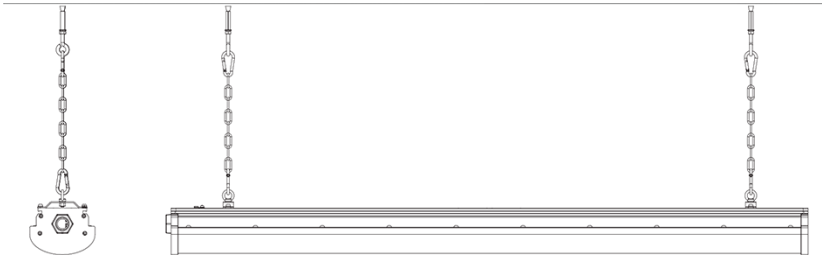
Installationsmethode



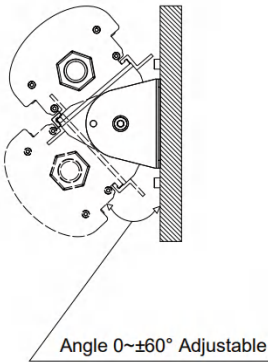
A.Ceiling mounting



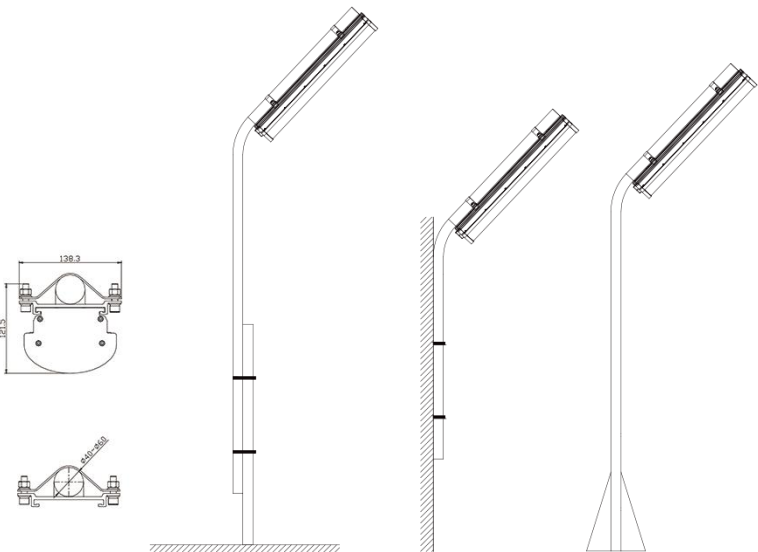
B.Pendant mounting



C.Pendant chain mounting



D.Wall mounting



E.Pole Mounting