



Hazardous
Lighting Solutions LTD



TUBEX 1

Gas tight luminaire, suitable for outdoor applications



RoHS REACH

CERTIFICATION:  II 2G Ex eb mb IIC T4 Gb
 II 2D Ex tb IIIC T85°C Db

MECHANICAL FEATURES

Profile: High chemical and impacts resistance
PMMA with UV protection

End Caps: PA66 + fibreglass

Gasket: High-temperature resistant MVQ silicone

Gear Tray: White lacquered steel plate + internal
aluminum heatsink

Cable Entry: Cable gland, M25

Fixing Clips: V2A Stainless steel

ELECTRICAL FEATURES

Connection: Ex-certified push-wire
connectors, up to 8 poles

THD: < 10% full load

IK Rating: IK10

Ingress Protection: IP66/67

WORK PARAMETERS

Ambient Temperatures: -30°C + 55°C

Lifetime: L80 100,000 hours at 35°C

PHOTOMETRICAL PARAMETERS

CRI: >80

Colour temperature: 4000K

DESCRIPTION

FAMILY	LENGTH (mm)	OPTICS	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	THROUGH WIRING	EMERGENCY KIT
S1: TUBEXx1 G2	6: 600 12: 1200	PVW	28: 2800 37: 3700 56: 5600 74: 7400	8: >80	40: 4000	ET: non dimmable ETDD: DALI dimmable	LV: 3×2.5 mm ² (for ET versions) / 5×2.5 mm ² (for ETDD versions) ¹	EB3: 3 hours

SPECIAL OPTIONS (UNDER REQUEST)

OPTICS	LIGHT COLOUR (K)	EMERGENCY KIT
PAW	30: 3000	EB1: 1 hour
PXW	50: 5000	
PL	57: 5700	

STANDARD VERSIONS

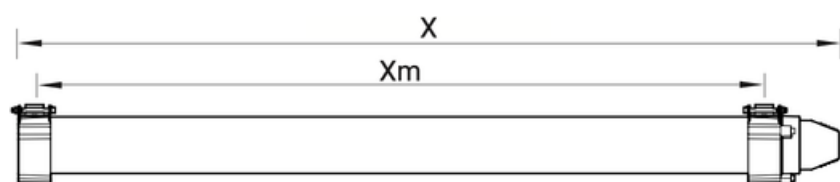
Description	Luminous Flux (lm)	Power (W)	Efficiency (lm/W)	Colour Temperature (K)	CRI	Temperature Range
T1 6 PVV 28-840 ET	2800	21	133	4000	80	-30°C – +55°C
T1 6 PVV 28-840 ET LV	2800	21	133	4000	80	-30°C – +45°C
T1 6 PVV 37-840 ET	3700	27	137	4000	80	-30°C – +50°C
T1 6 PVV 37-840 ET LV	3700	27	137	4000	80	-30°C – +40°C
T1 12 PVV 56-840 ET	5600	35	160	4000	80	-30°C – +55°C
T1 12 PVV 56-840 ET LV	5600	35	160	4000	80	-30°C – +50°C
T1 12 PVV 74-840 ET	7400	51	145	4000	80	-30°C – +45°C
T1 12 PVV 74-840 ET LV	7400	51	145	4000	80	-30°C – +40°C
T1 12 PVV 74-840 ETDD	7400	51	145	4000	80	-30°C – +45°C

EMERGENCY VERSIONS

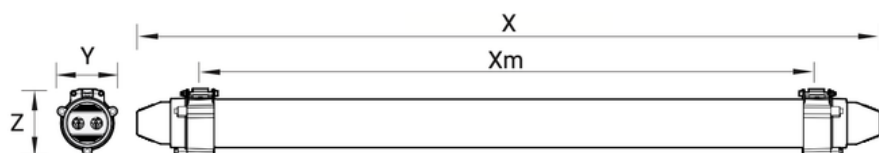
Description	Luminous Flux (lm)	Power (W)	Efficiency (lm/W)	Emergency Luminous Flux	Colour Temperature	CRI	Temperature Range
T1 6 PVV 28-840 ET EB3	2800	24	119	700	4000	80	-20°C – +35°C
T1 6 PVV 37-840 ET EB3	3700	31	119	700	4000	80	-20°C – +35°C
T1 12 PVV 56-840 ET EB3	5600	35	160	700	4000	80	-20°C – +35°C
T1 12 PVV 74-840 ET EB3	7400	55	135	700	4000	80	-20°C – +35°C
T1 12 PVV 74-840 ETDD EB3	7400	55	135	700	4000	80	-20°C – +35°C

DIMENSIONS

STANDARD VERSION

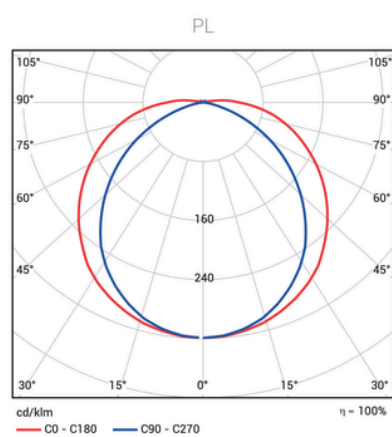
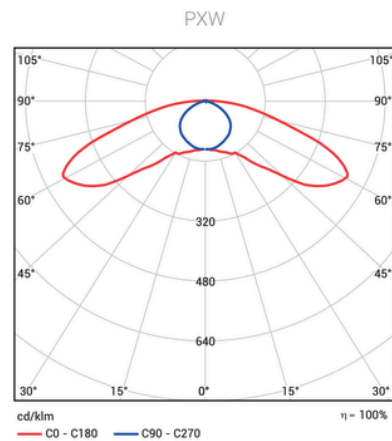
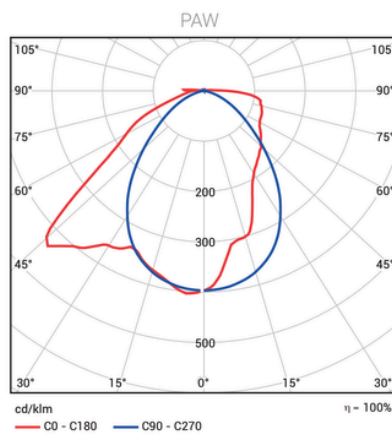
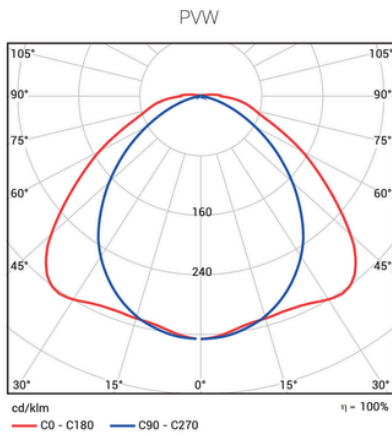


THROUGH WIRING VERSION



Description	X (mm)	Xm (mm)	Y (mm)	Z (mm)	L × W × H (mm)	Pcs / Box	Box	Groupage Pcs / Euro pallet	Double pallet Pcs / Euro pallet
T1 6...	888	725	125	138	1010 × 160 × 140	1	4.5	50	30+30
T1 6... LV	991	725	125	138	1010 × 160 × 140	1	5.1	50	30+30
T1 12...	1451	1287	125	138	1600 × 160 × 140	1	6.5	50	30+30
T1 12... LV	1553	1287	125	138	1600 × 160 × 140	1	6.9	50	30+30

PHOTOMETRY



ACCESSORIES

- ATEX junction box 2 122 x 120 x 90mm
- ATEX junction box 80 x 75 x 75mm
- Nickel brass Ex cable gland, M25, with nut and ring, 1 unit
- Nickel brass Ex cable gland, M20, with nut and ring, 1 unit
- Accessories bag STRONGEx G2 SCRM⁴
- Closing kit with polyamide Ex cable gland and V4A screws, M25, 1 unit (2 units required for through wiring versions)
- Fixing clips in stainless steel with antitheft screws V4A, set for 1 luminaire
- Special V4A stainless steel brackets, 2 pieces set
- Please consult – Pole for wall mounting with tilt angle 15° or 45°
- For 600, 1200 or 1500mm luminaires⁵

