



## Lanka PC

### TRUNKING SYSTEM | TEC SERIES

Lanka PC is a trunking system luminaire that can also be surface or suspended mounted, with clear polycarbonate casing, perfect for any retail space or industrial environment. It can be used in continuous line systems. Lanka PC is equipped with classic polycarbonate covers. Extra-wide 110° beam makes Lanka PC system very efficient for general lighting, at various installation heights. Compact housing in anodized gray for a better blend with the environment.

Lanka PC luminaires come in several series, with various add-on and controls:

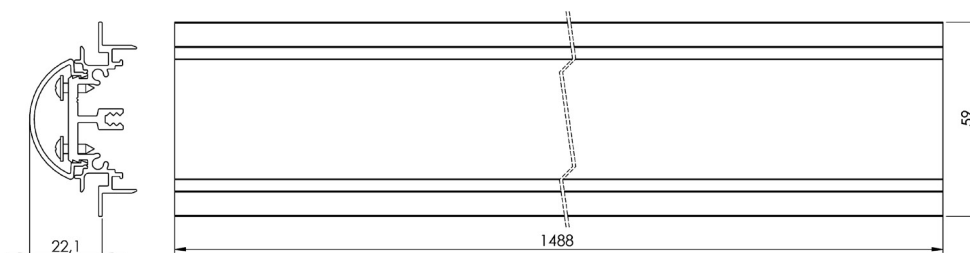
- Lanka IL TEC – the standard for any project in the retail and industrial sectors
- Lanka IL TEC EM – with emergency lighting kit
- Lanka IL ECO-DALI – with DALI controls for dimming
- Lanka IL ECO-DALI EM – with both dimming and emergency kit

### Features & benefits:

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life: L90/B10@50.000h
- Very high efficiency: 144 lm/W @4000K

### Applications

Grocery & Supermarkets | Retail | Office | Healthcare | Industrial & Logistics | Hospitality | DIY



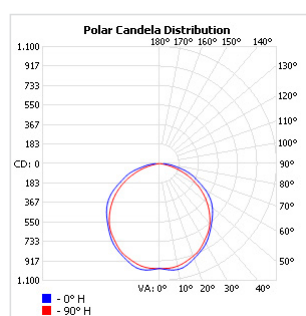
## SPECIFICATIONS

Power consumption	23W, 37W, 50W, 60W
Dimensions	1488 x 22.1 x 59 ± 1mm
Weight	1.9 Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK04
THD (at 230V, 50Hz, Full load)	<8%
Protection class	Safety class 1
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	110°
Lifespan [h]	50,000
Housing color	● Anodised grey
Lumen maintenance	L90/B10@50.000h at 25°C
IP factor	IP20
Control optional	For more information please see <b>LANKA PC ECO-DALI</b> datasheet
Warranty [years]	5
Storage temperature range [°C]	-20...+55°C / -4F ... +131F
Emergency option	For more information please see <b>LANKA PC TEC EM</b> datasheet

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

## LIGHT DISTRIBUTION



**RISK GROUP****RG1**

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

**TOLERANCES**

**Luminous flux tolerances:** -/+ 5%

**Consumption tolerance:** -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

**BATTERY WARRANTY**

**TEC EM & ECO EM:** 12 months warranty

**TEC & ECO:** -

**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
112176 LANKA PC/L /150/3000/23W/80/FL	1488 x 22.1 x 59 ± 1mm	3000	3155	23W	138	110°
112177 LANKA PC/L /150/4000/23W/80/FL	1488 x 22.1 x 59 ± 1mm	4000	3290	23W	144	110°
112178 LANKA PC/L /150/5000/23W/80/FL	1488 x 22.1 x 59 ± 1mm	5000	3380	23W	147	110°
112179 LANKA PC/L /150/6500/23W/80/FL	1488 x 22.1 x 59 ± 1mm	6500	3290	23W	144	110°
112188 LANKA PC/L /150/3000/37W/80/FL	1488 x 22.1 x 59 ± 1mm	3000	4975	37W	135	110°
112189 LANKA PC/L /150/4000/37W/80/FL	1488 x 22.1 x 59 ± 1mm	4000	5185	37W	141	110°
112190 LANKA PC/L /150/5000/37W/80/FL	1488 x 22.1 x 59 ± 1mm	5000	5325	37W	144	110°
112191 LANKA PC/L /150/6500/37W/80/FL	1488 x 22.1 x 59 ± 1mm	6500	5185	37W	141	110°
112200 LANKA PC/L /150/3000/50W/80/FL	1488 x 22.1 x 59 ± 1mm	3000	6395	50W	128	110°
112201 LANKA PC/L /150/4000/50W/80/FL	1488 x 22.1 x 59 ± 1mm	4000	6665	50W	134	110°
112202 LANKA PC/L /150/5000/50W/80/FL	1488 x 22.1 x 59 ± 1mm	5000	6845	50W	137	110°
112203 LANKA PC/L /150/6500/50W/80/FL	1488 x 22.1 x 59 ± 1mm	6500	6665	50W	134	110°
112212 LANKA PC/L /150/3000/60W/80/FL	1488 x 22.1 x 59 ± 1mm	3000	7500	60W	125	110°
112213 LANKA PC/L /150/4000/60W/80/FL	1488 x 22.1 x 59 ± 1mm	4000	7815	60W	131	110°
112214 LANKA PC/L /150/5000/60W/80/FL	1488 x 22.1 x 59 ± 1mm	5000	8030	60W	134	110°
112215 LANKA PC/L /150/6500/60W/80/FL	1488 x 22.1 x 59 ± 1mm	6500	7815	60W	131	110°