



## Lanka PC

### TRUNKING SYSTEM | NON-DALI EM 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:

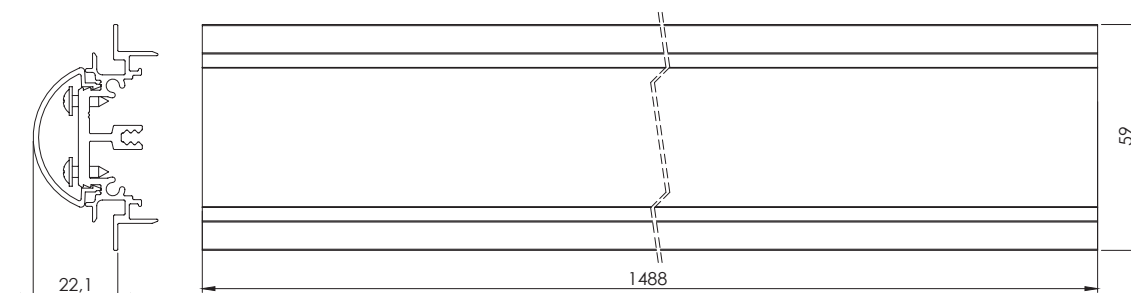
- Lanka PC Non-DALI – the standard for any project in the retail and industrial sectors
- Lanka PC Non-DALI EM – with emergency lighting kit
- Lanka PC DALI – with DALI controls for dimming
- Lanka PC DALI EM – with both dimming and emergency kit

### Applications

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

### Features & benefits:

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life: L90/B10@50.000h
- Very high efficiency: 144lm/W @4000K
- Dimmable (only for DALI and DALI EM Series)
- Emergency kits for 1h or 3h



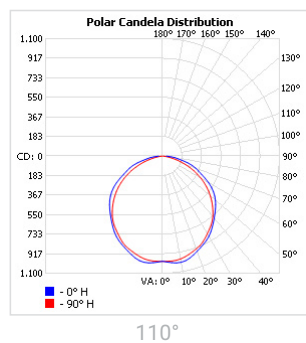
## SPECIFICATIONS

Power consumption	23W, 37W, 50W, 60W
Dimensions	1488 x 22.1 x 59 ± 1mm
Weight	2.2 Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK04
THD (at 230V, 50Hz, Full load)	<8%
Protection class	Safety class 1
Operating temperature [°C]	+5°C ... +45°C / +41F ... +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	-
Warranty [years]	5
Storage temperature range [°C]	+5°C ... +25°C / +41F ... +77F
Emergency option	EM1H , EM3H

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

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

## LIGHT DISTRIBUTION



**TOLERANCES****Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Luminaire Power [W]	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
<50W	Non-DALI	38	30	19	62	51	31
≥ 50W	Non-DALI	38	30	19	62	51	31
<80W	DALI	27	21	13	45	35	21

**RISK GROUP****Standard (CRI80)** RG1**FOOD (BVF, FBS, FSM)** RG1**FOOD ≤35W (FZM, FSH)** RG1**FOOD >35W (FZM, FSH)** RG2**FAS** RG1**AMB2200** RG1**ART** RG1**AGI** RG1**CRI90** RG1**CRI95** RG1**ENT** RG1**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.

**RG2**

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 "Moderate Risk (RG2)". 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.

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
112544 LANKA PC/L /150/3000/23W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	3000	3155	23W	138	110°
112545 LANKA PC/L /150/4000/23W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	4000	3290	23W	144	110°
112546 LANKA PC/L /150/5000/23W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	5000	3380	23W	147	110°
112547 LANKA PC/L /150/6500/23W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	6500	3290	23W	144	110°
112556 LANKA PC/L /150/3000/37W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	3000	4975	37W	135	110°
112557 LANKA PC/L /150/4000/37W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	4000	5185	37W	141	110°
112558 LANKA PC/L /150/5000/37W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	5000	5325	37W	144	110°
112559 LANKA PC/L /150/6500/37W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	6500	5185	37W	141	110°
112568 LANKA PC/L /150/3000/50W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	3000	6395	50W	128	110°
112569 LANKA PC/L /150/4000/50W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	4000	6665	50W	134	110°
112570 LANKA PC/L /150/5000/50W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	5000	6845	50W	137	110°
112571 LANKA PC/L /150/6500/50W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	6500	6665	50W	134	110°
112580 LANKA PC/L /150/3000/60W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	3000	7500	60W	125	110°
112581 LANKA PC/L /150/4000/60W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	4000	7815	60W	131	110°
112582 LANKA PC/L /150/5000/60W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	5000	8030	60W	134	110°
112583 LANKA PC/L /150/6500/60W/80/FL/EM1H	1488 x 22.1 x 59 ± 1mm	6500	7815	60W	131	110°
112640 LANKA PC/L /150/3000/23W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	3000	3155	23W	138	110°
112641 LANKA PC/L /150/4000/23W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	4000	3290	23W	144	110°
112642 LANKA PC/L /150/5000/23W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	5000	3380	23W	147	110°
112643 LANKA PC/L /150/6500/23W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	6500	3290	23W	144	110°
112652 LANKA PC/L /150/3000/37W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	3000	4975	37W	135	110°
112653 LANKA PC/L /150/4000/37W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	4000	5185	37W	141	110°
112654 LANKA PC/L /150/5000/37W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	5000	5325	37W	144	110°
112655 LANKA PC/L /150/6500/37W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	6500	5185	37W	141	110°
112664 LANKA PC/L /150/3000/50W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	3000	6395	50W	128	110°
112665 LANKA PC/L /150/4000/50W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	4000	6665	50W	134	110°
112666 LANKA PC/L /150/5000/50W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	5000	6845	50W	137	110°
112667 LANKA PC/L /150/6500/50W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	6500	6665	50W	134	110°
112676 LANKA PC/L /150/3000/60W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	3000	7500	60W	125	110°
112677 LANKA PC/L /150/4000/60W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	4000	7815	60W	131	110°
112678 LANKA PC/L /150/5000/60W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	5000	8030	60W	134	110°
112679 LANKA PC/L /150/6500/60W/80/FL/EM3H	1488 x 22.1 x 59 ± 1mm	6500	7815	60W	131	110°