



## Lenyk PC Surfaced Mounted

### SURFACED MOUNTED | DALI SERIES

Surface mounted luminaire with LED modules encased in clear polycarbonate case that provides a high level of visual comfort. Placed within a sleek and modern aluminum housing that blends with all the industrial environments. Highly suitable for lighting tasks in the logistic & industrial, DIY and retail sectors.

Clear polycarbonate case with wide 110-degree lenses is suitable for general lighting in very high-ceiling spaces.

Lenyk PC Surface Mounted has several series, determined by various add-on and controls:

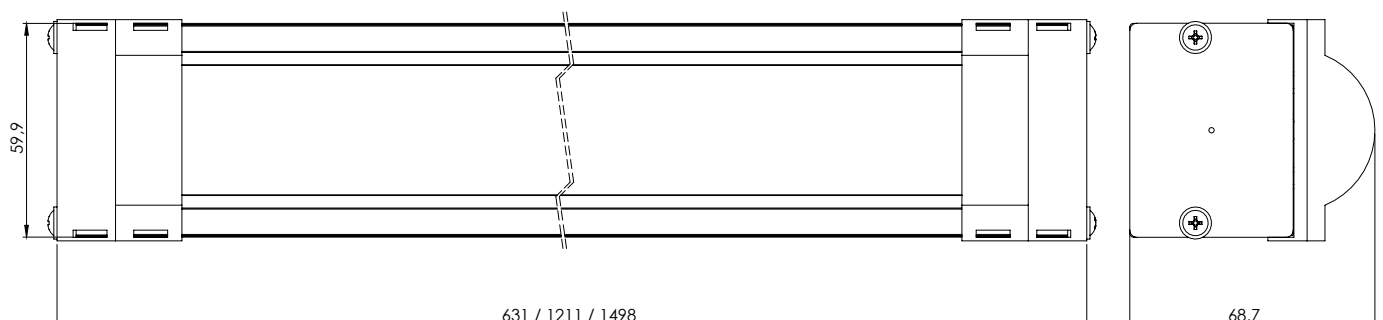
- Lenyk PC Surface Mounted Non-DALI: the standard for logistic & industrial, DIY and retail space
- Lenyk PC Surface Mounted Non-DALI EM: with emergency lighting kit
- **Lenyk PC Surface Mounted DALI: with DALI dimming**
- Lenyk PC Surface Mounted DALI EM: with both dimming and emergency kit

### APPLICATION

Grocery & Supermarket | Retail | Office | Healthcare | Industrial & Logistic | Hospitality | DIY

### FEATURES & BENEFITS

- CRI  $\geq$  80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K, 6500K
- Long rated life: L90/B10@50.000h
- Very high efficiency: 146 lm/W @4000K
- Dimmable



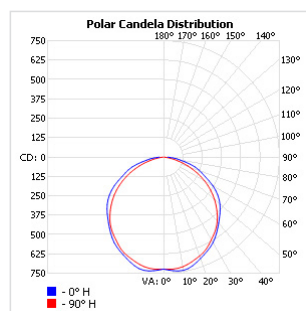
**SPECIFICATIONS**

Power consumption	20W	15W, 25W, 32W, 38W, 50W	23W, 33W, 37W, 50W, 60W
Dimensions	631 x 68.7 x 59.9 ± 1mm	1211 x 68.7 x 59.9 ± 1mm	1498 x 68.7 x 59.9 ± 1mm
Weight	1.6 Kg	2.5 Kg	3.1 Kg
Housing materials	Aluminum & Polycarbonate		
IK code	IK04		
THD (at 230V, 50Hz, Full load)	<9%		
Protection class	Safety class 1		
Operating temperature [°C]	-20°C ... +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	DALI		
Warranty [years]	5		
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F		
Emergency option	-		

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**



110°

**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>						
216504 Lenyk PC 60/3000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	3000	2365	20W	119	110°
216505 Lenyk PC 60/4000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	4000	2465	20W	124	110°
216506 Lenyk PC 60/5000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	5000	2530	20W	127	110°
216507 Lenyk PC 60/6500/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	6500	2465	20W	124	110°
216096 Lenyk PC 120/3000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	1945	15W	130	110°
216097 Lenyk PC 120/4000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	2025	15W	135	110°
216098 Lenyk PC 120/5000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	2080	15W	139	110°
216099 Lenyk PC 120/6500/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	2025	15W	135	110°
216108 Lenyk PC 120/3000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	3240	25W	130	110°
216109 Lenyk PC 120/4000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	3375	25W	135	110°
216110 Lenyk PC 120/5000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	3465	25W	139	110°
216111 Lenyk PC 120/6500/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	3375	25W	135	110°
216120 Lenyk PC 120/3000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	4155	32W	130	110°
216121 Lenyk PC 120/4000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	4330	32W	136	110°
216122 Lenyk PC 120/5000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	4445	32W	139	110°
216123 Lenyk PC 120/6500/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	4330	32W	136	110°
216132 Lenyk PC 120/3000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	4915	38W	130	110°
216133 Lenyk PC 120/4000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	5120	38W	135	110°
216134 Lenyk PC 120/5000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	5260	38W	139	110°
216135 Lenyk PC 120/6500/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	5120	38W	135	110°
216144 Lenyk PC 120/3000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	6030	50W	121	110°
216145 Lenyk PC 120/4000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	6285	50W	126	110°
216146 Lenyk PC 120/5000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	6455	50W	130	110°
216147 Lenyk PC 120/6500/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	6285	50W	126	110°
216156 Lenyk PC 150/3000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	3155	23W	138	110°
216157 Lenyk PC 150/4000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	3290	23W	144	110°
216158 Lenyk PC 150/5000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	3380	23W	147	110°
216159 Lenyk PC 150/6500/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	3290	23W	144	110°
216168 Lenyk PC 150/3000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	4610	33W	140	110°
216169 Lenyk PC 150/4000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	4805	33W	146	110°
216170 Lenyk PC 150/5000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	4935	33W	150	110°
216171 Lenyk PC 150/6500/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	4805	33W	146	110°
216228 Lenyk PC 150/3000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	4975	37W	135	110°
216229 Lenyk PC 150/4000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	5185	37W	141	110°
216230 Lenyk PC 150/5000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	5325	37W	144	110°
216231 Lenyk PC 150/6500/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	5185	37W	141	110°
216240 Lenyk PC 150/3000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	6395	50W	128	110°
216241 Lenyk PC 150/4000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	6665	50W	134	110°
216242 Lenyk PC 150/5000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	6845	50W	137	110°
216243 Lenyk PC 150/6500/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	6665	50W	134	110°
216252 Lenyk PC 150/3000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	7500	60W	125	110°
216253 Lenyk PC 150/4000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	7815	60W	131	110°
216254 Lenyk PC 150/5000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	8030	60W	134	110°
216255 Lenyk PC 150/6500/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	7815	60W	131	110°