

Lenyk PC Suspended

SUSPENDED | NON-DALI SERIES

Suspended 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 Suspended has several series, determined by various add-on and controls:

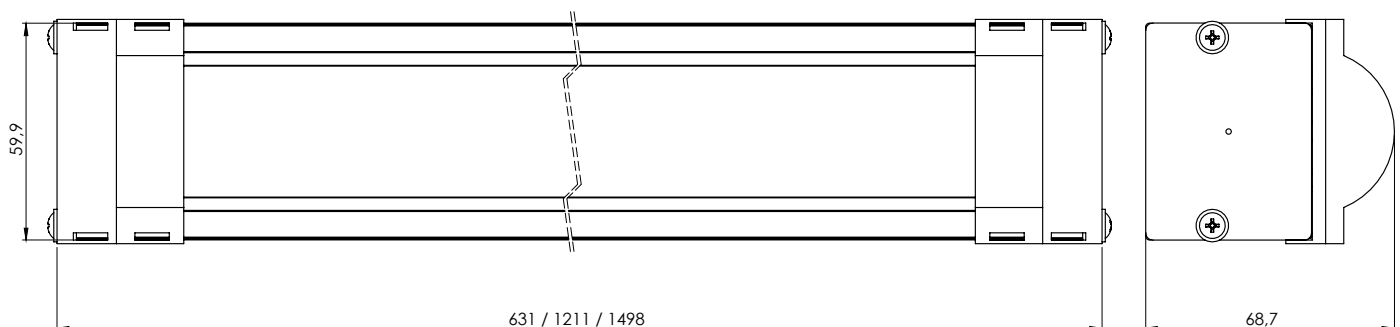
- Lenyk PC Suspended Non-DALI: the standard for logistic & industrial, DIY and retail space
- Lenyk PC Suspended Non-DALI EM: with emergency lighting kit
- Lenyk PC Suspended DALI: with DALI dimming
- Lenyk PC Suspended DALI EM: with both dimming and emergency kit

APPLICATION

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

FEATURES & BENEFITS

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



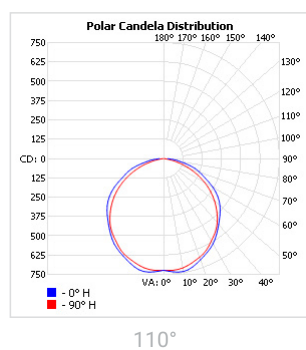
SPECIFICATIONS

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 Kg
Housing materials	Aluminum & Polycarbonate		
IK code	IK04		
THD (at 230V, 50Hz, Full load)	<8%		
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	-		
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



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 (°)
CRI 80						
161504 Lenyk PC/S 60/3000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	3000	2365	20W	119	110°
161505 Lenyk PC/S 60/4000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	4000	2465	20W	124	110°
161506 Lenyk PC/S 60/5000/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	5000	2530	20W	127	110°
161507 Lenyk PC/S 60/6500/20W/80/FL	631 x 68.7 x 59.9 ± 1mm	6500	2465	20W	124	110°
161096 Lenyk PC/S 120/3000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	1945	15W	130	110°
161097 Lenyk PC/S 120/4000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	2025	15W	135	110°
161098 Lenyk PC/S 120/5000/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	2080	15W	139	110°
161099 Lenyk PC/S 120/6500/15W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	2025	15W	135	110°
161108 Lenyk PC/S 120/3000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	3240	25W	130	110°
161109 Lenyk PC/S 120/4000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	3375	25W	135	110°
161110 Lenyk PC/S 120/5000/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	3465	25W	139	110°
161111 Lenyk PC/S 120/6500/25W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	3375	25W	135	110°
161120 Lenyk PC/S 120/3000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	4155	32W	130	110°
161121 Lenyk PC/S 120/4000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	4330	32W	136	110°
161122 Lenyk PC/S 120/5000/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	4445	32W	139	110°
161123 Lenyk PC/S 120/6500/32W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	4330	32W	136	110°
161132 Lenyk PC/S 120/3000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	4915	38W	130	110°
161133 Lenyk PC/S 120/4000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	5120	38W	135	110°
161134 Lenyk PC/S 120/5000/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	5260	38W	139	110°
161135 Lenyk PC/S 120/6500/38W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	5120	38W	135	110°
161144 Lenyk PC/S 120/3000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	3000	6030	50W	121	110°
161145 Lenyk PC/S 120/4000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	4000	6285	50W	126	110°
161146 Lenyk PC/S 120/5000/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	5000	6455	50W	130	110°
161147 Lenyk PC/S 120/6500/50W/80/FL	1211 x 68.7 x 59.9 ± 1mm	6500	6285	50W	126	110°
161156 Lenyk PC/S 150/3000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	3155	23W	138	110°
161157 Lenyk PC/S 150/4000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	3290	23W	144	110°
161158 Lenyk PC/S 150/5000/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	3380	23W	147	110°
161159 Lenyk PC/S 150/6500/23W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	3290	23W	144	110°
161168 Lenyk PC/S 150/3000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	4610	33W	140	110°
161169 Lenyk PC/S 150/4000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	4805	33W	146	110°
161170 Lenyk PC/S 150/5000/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	4935	33W	150	110°
161171 Lenyk PC/S 150/6500/33W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	4805	33W	146	110°
161228 Lenyk PC/S 150/3000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	4975	37W	135	110°
161229 Lenyk PC/S 150/4000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	5185	37W	141	110°
161230 Lenyk PC/S 150/5000/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	5325	37W	144	110°
161231 Lenyk PC/S 150/6500/37W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	5185	37W	141	110°
161240 Lenyk PC/S 150/3000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	6395	50W	128	110°
161241 Lenyk PC/S 150/4000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	6665	50W	134	110°
161242 Lenyk PC/S 150/5000/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	6845	50W	137	110°
161243 Lenyk PC/S 150/6500/50W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	6665	50W	134	110°
161252 Lenyk PC/S 150/3000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	3000	7500	60W	125	110°
161253 Lenyk PC/S 150/4000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	4000	7815	60W	131	110°
161254 Lenyk PC/S 150/5000/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	5000	8030	60W	134	110°
161255 Lenyk PC/S 150/6500/60W/80/FL	1498 x 68.7 x 59.9 ± 1mm	6500	7815	60W	131	110°