



## Lenyk PC TRK

### TRACK LINEAR | TEC SERIES

Lenyk PC TRK is a track mounted linear luminaire highly suitable for lighting tasks in the logistic & industrial, DIY and retail sectors. The linear luminaire has LED modules encased in a clear polycarbonate case, placed inside a sleek and modern aluminum housing, that slightly blends with all the industrial environments. The polycarbonate case integrates lenses with 110-degree angle beam that are suitable for general lighting in very high-ceiling spaces. The extra-wide angle beams provide optimum lighting and the injected polycarbonate casing offers high mechanical strength and shock resistance.

The track-mounted solution brings enhanced flexibility to industrial illumination. The track allows for T, L and X connections.

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

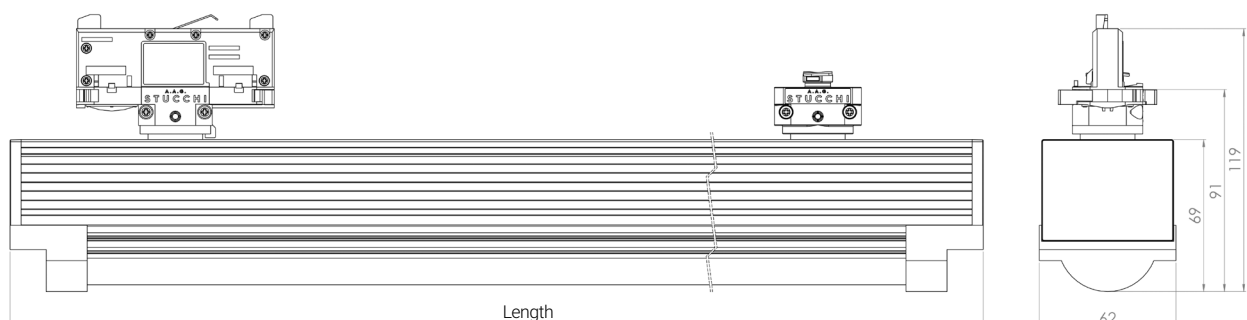
- Lenyk PC TRK TEC: the standard series for industrial, logistic, DIY and retail sectors
- Lenyk PC TRK ECO-DALI: with DALI dimming

### 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

### APPLICATION

Retail | Industrial & Logistic | DIY



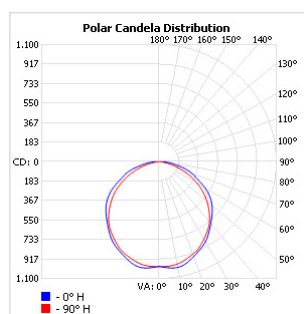
## SPECIFICATIONS

Power consumption	20W	15W, 25W, 32W, 38W, 50W	23W, 33W, 37W, 50W, 60W
Dimensions	631 x 92.6 x 59.9 ± 1mm	1211 x 92.6 x 59.9 ± 1mm	1498 x 92.6 x 59.9 ± 1mm
Weight	1.2Kg	2.1Kg	2.8Kg
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 [°]	120°		
Lifespan [h]	50,000		
Housing color	● Anodised grey		
Lumen maintenance	L90/B10@50.000h at 25°C		
IP factor	IP20		
Control optional	For product information please see <b>Lenyk PC TRK ECO-DALI</b> datasheet		
Warranty [years]	5		
Storage temperature range [°C]	-20...+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



A120

**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>						
165504 Lenyk PC 60TRK/3000/20W/80/FL	631 x 92.6 x 59.9 ± 1mm	3000	2365	20W	119	120°
165505 Lenyk PC 60TRK/4000/20W/80/FL	631 x 92.6 x 59.9 ± 1mm	4000	2465	20W	124	120°
165506 Lenyk PC 60TRK/5000/20W/80/FL	631 x 92.6 x 59.9 ± 1mm	5000	2530	20W	127	120°
165507 Lenyk PC 60TRK/6500/20W/80/FL	631 x 92.6 x 59.9 ± 1mm	6500	2465	20W	124	120°
165096 Lenyk PC 120TRK/3000/15W/80/FL	1211 x 92.6 x 59.9 ± 1mm	3000	1945	15W	130	120°
165097 Lenyk PC 120TRK/4000/15W/80/FL	1211 x 92.6 x 59.9 ± 1mm	4000	2025	15W	135	120°
165098 Lenyk PC 120TRK/5000/15W/80/FL	1211 x 92.6 x 59.9 ± 1mm	5000	2080	15W	139	120°
165099 Lenyk PC 120TRK/6500/15W/80/FL	1211 x 92.6 x 59.9 ± 1mm	6500	2025	15W	135	120°
165108 Lenyk PC 120TRK/3000/25W/80/FL	1211 x 92.6 x 59.9 ± 1mm	3000	3240	25W	130	120°
165109 Lenyk PC 120TRK/4000/25W/80/FL	1211 x 92.6 x 59.9 ± 1mm	4000	3375	25W	135	120°
165110 Lenyk PC 120TRK/5000/25W/80/FL	1211 x 92.6 x 59.9 ± 1mm	5000	3465	25W	139	120°
165111 Lenyk PC 120TRK/6500/25W/80/FL	1211 x 92.6 x 59.9 ± 1mm	6500	3375	25W	135	120°
165120 Lenyk PC 120TRK/3000/32W/80/FL	1211 x 92.6 x 59.9 ± 1mm	3000	4155	32W	130	120°
165121 Lenyk PC 120TRK/4000/32W/80/FL	1211 x 92.6 x 59.9 ± 1mm	4000	4330	32W	136	120°
165122 Lenyk PC 120TRK/5000/32W/80/FL	1211 x 92.6 x 59.9 ± 1mm	5000	4445	32W	139	120°
165123 Lenyk PC 120TRK/6500/32W/80/FL	1211 x 92.6 x 59.9 ± 1mm	6500	4330	32W	136	120°
165132 Lenyk PC 120TRK/3000/38W/80/FL	1211 x 92.6 x 59.9 ± 1mm	3000	4915	38W	130	120°
165133 Lenyk PC 120TRK/4000/38W/80/FL	1211 x 92.6 x 59.9 ± 1mm	4000	5120	38W	135	120°
165134 Lenyk PC 120TRK/5000/38W/80/FL	1211 x 92.6 x 59.9 ± 1mm	5000	5260	38W	139	120°
165135 Lenyk PC 120TRK/6500/38W/80/FL	1211 x 92.6 x 59.9 ± 1mm	6500	5120	38W	135	120°
165144 Lenyk PC 120TRK/3000/50W/80/FL	1211 x 92.6 x 59.9 ± 1mm	3000	6030	50W	121	120°
165145 Lenyk PC 120TRK/4000/50W/80/FL	1211 x 92.6 x 59.9 ± 1mm	4000	6285	50W	126	120°
165146 Lenyk PC 120TRK/5000/50W/80/FL	1211 x 92.6 x 59.9 ± 1mm	5000	6455	50W	130	120°
165147 Lenyk PC 120TRK/6500/50W/80/FL	1211 x 92.6 x 59.9 ± 1mm	6500	6285	50W	126	120°
165156 Lenyk PC 150TRK/3000/23W/80/FL	1498 x 92.6 x 59.9 ± 1mm	3000	3155	23W	138	120°
165157 Lenyk PC 150TRK/4000/23W/80/FL	1498 x 92.6 x 59.9 ± 1mm	4000	3290	23W	144	120°
165158 Lenyk PC 150TRK/5000/23W/80/FL	1498 x 92.6 x 59.9 ± 1mm	5000	3380	23W	147	120°
165159 Lenyk PC 150TRK/6500/23W/80/FL	1498 x 92.6 x 59.9 ± 1mm	6500	3290	23W	144	120°
165168 Lenyk PC 150TRK/3000/33W/80/FL	1498 x 92.6 x 59.9 ± 1mm	3000	4610	33W	140	120°
165169 Lenyk PC 150TRK/4000/33W/80/FL	1498 x 92.6 x 59.9 ± 1mm	4000	4805	33W	146	120°
165170 Lenyk PC 150TRK/5000/33W/80/FL	1498 x 92.6 x 59.9 ± 1mm	5000	4935	33W	150	120°
165171 Lenyk PC 150TRK/6500/33W/80/FL	1498 x 92.6 x 59.9 ± 1mm	6500	4805	33W	146	120°
165228 Lenyk PC 150TRK/3000/37W/80/FL	1498 x 92.6 x 59.9 ± 1mm	3000	4975	37W	135	120°
165229 Lenyk PC 150TRK/4000/37W/80/FL	1498 x 92.6 x 59.9 ± 1mm	4000	5185	37W	141	120°
165230 Lenyk PC 150TRK/5000/37W/80/FL	1498 x 92.6 x 59.9 ± 1mm	5000	5325	37W	144	120°
165231 Lenyk PC 150TRK/6500/37W/80/FL	1498 x 92.6 x 59.9 ± 1mm	6500	5185	37W	141	120°
165240 Lenyk PC 150TRK/3000/50W/80/FL	1498 x 92.6 x 59.9 ± 1mm	3000	6395	50W	128	120°
165241 Lenyk PC 150TRK/4000/50W/80/FL	1498 x 92.6 x 59.9 ± 1mm	4000	6665	50W	134	120°
165242 Lenyk PC 150TRK/5000/50W/80/FL	1498 x 92.6 x 59.9 ± 1mm	5000	6845	50W	137	120°
165243 Lenyk PC 150TRK/6500/50W/80/FL	1498 x 92.6 x 59.9 ± 1mm	6500	6665	50W	134	120°
165252 Lenyk PC 150TRK/3000/60W/80/FL	1498 x 92.6 x 59.9 ± 1mm	3000	7500	60W	125	120°
165253 Lenyk PC 150TRK/4000/60W/80/FL	1498 x 92.6 x 59.9 ± 1mm	4000	7815	60W	131	120°
165254 Lenyk PC 150TRK/5000/60W/80/FL	1498 x 92.6 x 59.9 ± 1mm	5000	8030	60W	134	120°
165255 Lenyk PC 150TRK/6500/60W/80/FL	1498 x 92.6 x 59.9 ± 1mm	6500	7815	60W	131	120°