

LED Tracklight NK121E-123E

10W/20W/30W

Features

- 10W / 20W / 30W LED Tracklight
- Precise beam control by aluminium reflector
- Adjustable head spot lighting
- Comfort glare-free light
- High color rendition, Ra ≥90

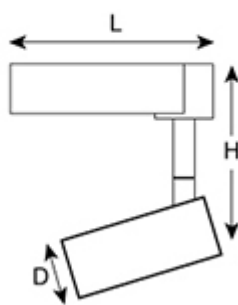


Diagrams

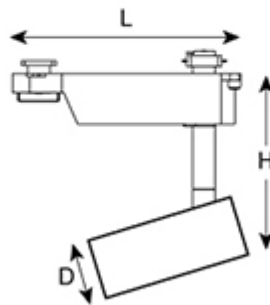
Dimensions:

(Unit : mm)	(D)	(L)	(H)
NK121E	Ø55 x	83 x	215
NK122E	Ø74 x	83 x	235
NK123E	Ø90 x	83 x	266

(Unit : mm)	(D)	(L)	(H)
NK121E	Ø55 x	83 x	215 / 240
NK122E	Ø74 x	83 x	235 / 260
NK123E	Ø90 x	83 x	266 / 291



2-wire track



3-wire / 4-wire track

Prosperity Lamps & Components Ltd.

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Standards



IP20



Applications



Home



Shopping mall



Hotel



Supermarket



Restaurant



Gallery



Museum

Technical Data

Type of Light Source

Lighting Technology Used LED

Non-directional or Directional [NDLS/DLS] DLS

Mains or Non-mains [MLS/NMLS] MLS

Connected Light Source No

Color tunable light source No

Envelop [No/Second/Non-Clear] No

High Luminance Light Source No

Anti-glare Shield No

Electrical

Rated Wattage [W] 10W / 20W / 30W

On-mode Power [W] 10W / 20W / 30W

Standby Power [W] N/A

Networked Standby Power [W] N/A

Rated Voltage [V/Hz] 220-240V, 50/60Hz

Power Factor 0.9

Input Current [mA] @230V 48 / 97 / 145

Model

NK121E-10W/9XX 10W

NK122E-20W/9XX 20W

NK123E-30W/9XX 30W

Luminous Flux (Useful Luminous Flux) [lm]

10W 800lm (775lm) @3000K

850lm (825lm) @4000K

900lm (875lm) @6500K

20W 1600lm (1550lm) @3000K

1700lm (1650lm) @4000K

1800lm (1750lm) @6500K

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30W	2500lm (2425lm) @3000K
	2600lm (2520lm) @4000K
	2700lm (2620lm) @6500K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.312, 0.335@6500K
Efficacy [lm/W]	78-88
Color Rendering Index [Ra]	≥90
R9 colour rendering index value	2
Beam Angle [°]	10W,20W: 12 / 24
	30W: 12 / 24 / 38 / 45
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor	>0.9
Lumen Maintenance	>0.96
Number of Switching Cycles Before Failure	25,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.7(10W, 20W) / 0.9(30W)
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Diameter [mm]	Ø55 / Ø74 / Ø90
Length L [mm]	83 / 83 / 83
Height H [mm]	2 wires: 215 / 235 / 266
	3 wires: 215 / 235 / 266
	4 wires: 240 / 260 / 291
Material	Body: Die-cast aluminium
	Reflector: Anodised faceted aluminium
	Diffuser: Toughened glass
	Choice of White, Black color
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Energy Class	F
Electrical Class	I
Other	
Dimmable [Yes/Only with specific dimmers/No]	No
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	10kWh / 20kWh / 30kWh