

# K-FORUM

## NEW FOCUS FOR NEW LIGHT

- Sleek design and clear silhouettes
- Three different beam angles
- Uncluttered ceiling outline despite various lighting functions
- Functionality: Colour temperature 1,800 K to 16,000 K
- High colour stability from micro-controller controlled LED management with temperature compensation and factory calibration
- Soft light mixing and uniform light distribution
- Slewing range 355° | Swivel range 180°
- Highly permeable safety glass
- Passive cooling including thermal management
- Mounting: Bus bar



Environment friendly



Low consumption



Long service life



Tunable White



Brightness dimmable



RGB adjustable

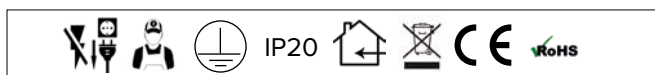
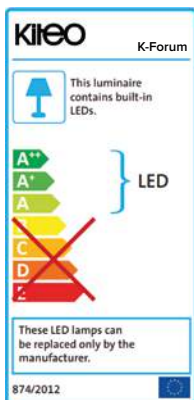


Excellent CRI

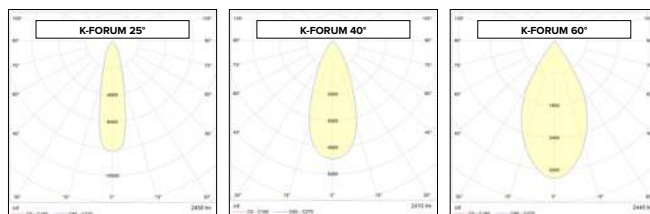
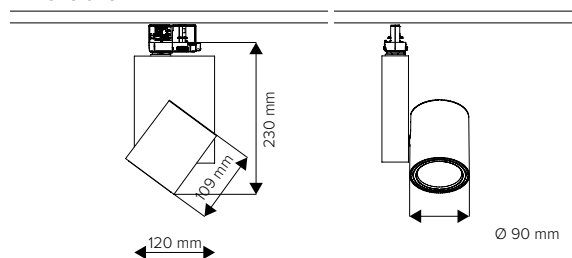
# TECHNICAL DATA

## K-FORUM Track light

Luminous source	LED module <b>PI-LED</b>
Connected load	34 W
Beam angle	25°   40°   60°
Luminous flux	25°-Reflector: 2,620 lm 40°-Reflector: 2,580 lm 60°-Reflector: 2,610 lm
Colour temperature	1,800 K–16,000 K
CRI	90
Protection category / Protection class	IP 20 / I
Dimming range	CCT/CIE-xy 5–100% RGB 0–100%
Service lifetime	L80/B10 50,000h
Tests / approvals	CE / RoHS Conformity
Weight	1.6 kg
Operating voltage	230 VAC
Control mode	NeoLink/ZigBee DALI DT8 Bus bar
Mounting	
Bus bar	NeoLink: GLOBAL GA69 DALI DT8: EUTRAC MultiAdapterPlus



### Dimensions



## ORDER DATA

Art.No.	Luminaire
K-FO-25-NZ-W	K-Forum track-mounted spotlight 25° / PI-LED / NeoLink / White
K-FO-25-NZ-S	K-Forum track-mounted spotlight 25° / PI-LED / NeoLink / Silver
K-FO-40-NZ-W	K-Forum track-mounted spotlight 40° / PI-LED / NeoLink / White
K-FO-40-NZ-S	K-Forum track-mounted spotlight 40° / PI-LED / NeoLink / Silver
K-FO-60-NZ-W	K-Forum track-mounted spotlight 60° / PI-LED / NeoLink / White
K-FO-60-NZ-S	K-Forum track-mounted spotlight 60° / PI-LED / NeoLink / Silver
K-FO-25-DA-W	K-Forum track-mounted spotlight 25° / PI-LED / DALI DT8 / White
K-FO-25-DA-S	K-Forum track-mounted spotlight 25° / PI-LED / DALI DT8 / Silver
K-FO-40-DA-W	K-Forum track-mounted spotlight 40° / PI-LED / DALI DT8 / White
K-FO-40-DA-S	K-Forum track-mounted spotlight 40° / PI-LED / DALI DT8 / Silver
K-FO-60-DA-W	K-Forum track-mounted spotlight 60° / PI-LED / DALI DT8 / White
K-FO-60-DA-S	K-Forum track-mounted spotlight 60° / PI-LED / DALI DT8 / Silver

\* Required control on page 58 ff. Fixed White on request.

CCT [K]	VISUAL DATA			MELANOPIC ACTION FACTOR
	Luminous flux [lm]			alpha [smel]
	25°	40°	60°	
1,800	1390	1365	1385	0.241
2,000	1635	1605	1630	0.267
2,500	2355	2315	2345	0.333
2,700	2660	2615	2650	0.368
3,000	2620	2580	2610	0.419
3,500	2515	2475	2505	0.500
4,000	2450	2410	2440	0.575
4,500	2415	2375	2405	0.643
5,000	2390	2350	2380	0.704
5,500	2375	2335	2365	0.759
6,000	2365	2325	2355	0.808
6,500	2360	2320	2350	0.853
7,000	2360	2320	2350	0.892
8,000	2355	2320	2350	0.958
9,000	2360	2320	2350	1.012
10,000	2365	2325	2350	1.056
12,000	2205	2170	2195	1.123
14,000	2060	2025	2050	1.171
16,000	1965	1930	1955	1.206

**Notes**  
The photometric data of a tolerance of +/- 15%, the electrical data of a tolerance of +/- 15%. Unless otherwise specified, the values are based on 3,000K and an ambient temperature of 25°C. Permissible operating temperature 10°C - 35°C. The manufacturer reserves the right to change any product specification without prior notice. CCT values outside the range 2,500-7,000K can be set in the CIE-xy mode. The coefficient alpha[smel] describes the melanopic effectiveness of the light source on humans and their circadian rhythm. To give the natural human biorhythm the best possible support, the melatonin production can be minimized by higher values of alpha[smel] throughout the day and stimulated by lower values in the evening. PI-LED enables the implementation of an illumination that is not only visually but also biologically/melanopic effective. For a standard-conforming lighting design, Lumitech recommends the document DIN SPEC 5031-100 to be taken as a basis. More documents can be found at [www.kiteo.eu](http://www.kiteo.eu).  
Last change: 07.03.2019