

Groove Light IP67

Specification sheet



Dimension	H25/W6/L100-1000mm (H0.98/W0.24/L3.94-39.37in)
PCB increment	100mm increment/1000mm max (3.94in increment/39.37in max)
LED Pitch	10mm - 100LED/m (0.39in - 30.5LED/ft)
Chip	k-line Samsung, Dongbu
Beam angle	115° (Diffused cover)
Colours	k-line 2100K/2300K/2500K/2700K/3000K/3500/4000K
Bin/Step	k-line 3 Step MacAdam ellipse
CRI	≥ 90 (≥ 85CRI @2100K, 2300K)
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 50°C (T _c max = 72°C) T _a = -13 to 122°F (T _c max = 162°F)
IP rating	IP67
Finish	Silver anodised
Cover/lens	Diffused
Mounting	Recessed mounting via clips or channel (no flange)
Connection	Sheathed Hardwire tails
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Base Grade

k-line
3-step commercial range
Energy Star CCTs

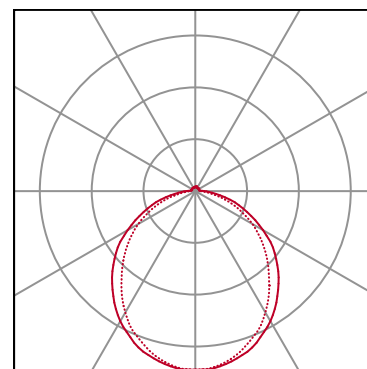
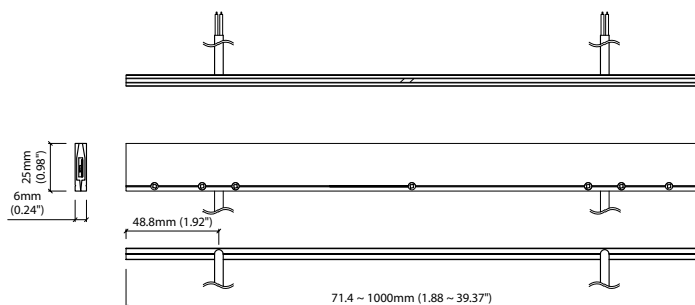
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
12W/m (3.66W/ft)	24V DC	0.5A/m (0.16A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
k-line	94	99	96	92	94	96	89	81	61	97	93	80	96	99

	Diffused Cover	CRI	R9	Rf	Rg
k-line	44lm/m (13lm/ft) 4lm/W	93	61	89	97



Diffused Cover
— C0 / C180
cd / 1000 lm
--- C90 / C270

Data derived from independent UKAS / IESNA LM-79-08 accredited testing of production samples.

See KKDC website for product document updates.

www.kkdc.lighting

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