

POKI 208

Specification sheet



Dimension	H31/W15.6/L186.7-2020mm (H1.22/W0.61/L7.35-79.53in)
PCB increment	166.7mm increment/2000mm max (6.56in increment/78.74in max)
LED pitch	23.8mm - 42LED/m (0.94in - 13LED/ft) between same coloured LEDs
Chip	s-line Toyoda Gosei k-line Samsung
Beam angle	30° (Clear Cover) / 80° (Diffused Cover)
Colours	s-line 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K k-line 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2.5 Step MacAdam ellipse k-line 3 Step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 43°C (T _C max = 65°C) T _a = -13 to 109.4°F (T _C max = 149°F)
IP rating	IP54/IP67
Finish	Silver anodised
Cover/lens	Clear/Diffused
Mounting	Surface mounting via cable raceway
Connection	Sheathed hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s-line*	*KKDC tuned CCT range
2.5-step CCT range	CCT range

Base Grade

k-line	3-step commercial range Energy Star CCTs
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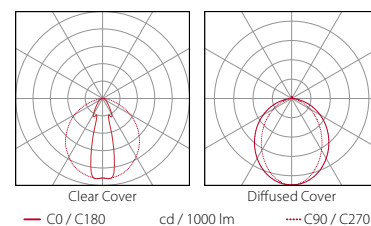
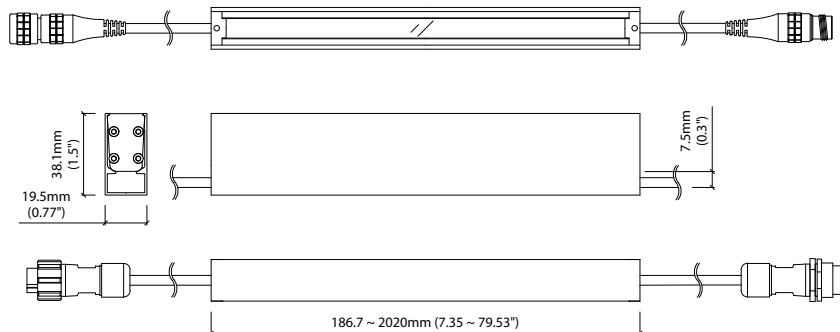
PERFORMANCE DATA @ 2100K + 5000K

Power consumption	Supply voltage	Supply current
15.6W/m (4.75W/ft)	24V DC	0.65A/m (0.20A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
k-line	98	97	97	94	98	94	92	90	81	96	94	86	98	98

	Clear Cover				Diffused Cover				CRI	R9	Rf	Rg
s-line	510lm/m (171lm/ft)	32.5lm/W	340lm/m (116lm/ft)	21.8lm/W	94	75	-	-				
k-line	450lm/m (140lm/ft)	29lm/W	310lm/m (94lm/ft)	19.9lm/W	95	81	-	-				



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