

# POKI 207

## Specification sheet



<b>Dimension</b>	H38.1/W19.5/L103.3-2020mm (H1.5/W0.77/L4.07-79.53in)
<b>PCB increment</b>	83.3mm increment/2000mm max (3.28in increment/78.74in max)
<b>LED pitch</b>	13.9mm - 72LED/m (0.55in - 22LED/ft) between same coloured LEDs
<b>Chip</b>	<b>s-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	30° (Clear Cover) / 80° (Diffused Cover)
<b>Colours</b>	<b>s-line</b> 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K <b>k-line</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>Bin/Step</b>	<b>s-line</b> 2.5 Step MacAdam ellipse <b>k-line</b> 3 Step MacAdam ellipse
<b>CRI</b>	≥ 90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 60°C (T <sub>C</sub> max = 71.5°C) T <sub>a</sub> = -13 to 140°F (T <sub>C</sub> max = 160.7°F)
<b>IP rating</b>	IP54/IP67
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused
<b>Mounting</b>	Surface mounting via cable raceway
<b>Connection</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

#### Exclusive Grade

<b>s</b> <b>s-line*</b>	*KKDC tuned CCT range
2.5-step CCT range	CCT range

#### Base Grade

<b>k</b> <b>k-line</b>	3-step commercial range Energy Star CCTs
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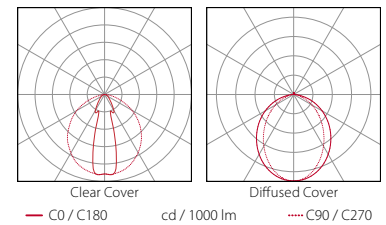
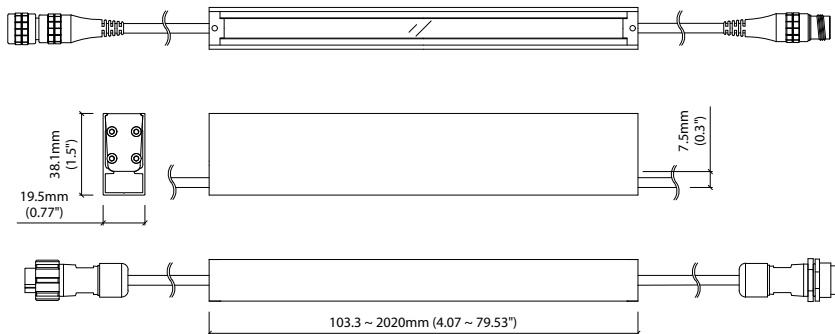
### PERFORMANCE DATA @ 2100K + 5000K

Power consumption	Supply voltage	Supply current
11W/m (3.35W/ft)	24V DC	0.46A/m (0.14A/ft)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>k-line</b>	98	96	96	96	98	92	92	91	85	95	95	81	97	99

	Clear Cover		Diffused Cover		CRI	R9	Rf	Rg
<b>s-line</b>	260lm/m (61lm/ft)	23.6lm/W	170lm/m (55lm/ft)	15.9lm/W	94	73	-	-
<b>k-line</b>	290lm/m (85lm/ft)	26.1lm/W	200lm/m (61lm/ft)	17.9lm/W	95	85	-	-



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