

Linear

# POKI 508

## Specification sheet



<b>Dimension</b>	H38.1/W19.5/L91.4-2020mm (H1.5/W0.77/L3.60-79.53in)
<b>PCB increment</b>	71.4mm increment/2000mm max (2.81in increment/78.74in max)
<b>LED pitch</b>	11.9mm - 84LED/m (0.47in - 26LED/ft)
<b>Chip</b>	<b>s/e-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	30° (Clear Cover) / 80° (Diffused Cover)
<b>Colours</b>	<b>s/e-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 Step MacAdam ellipse <b>e/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 40°C (T <sub>C</sub> max = 64.5°C) T <sub>a</sub> = -13 to 104°F (T <sub>C</sub> max = 148.1°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-line*</b>	2-step CCT range	*KKDC tuned CCT range
<b>e-line*</b>	3-step CCT range	

#### Base Grade

<b>k-line</b>	3-step commercial range Energy Star CCTs
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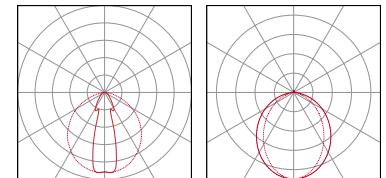
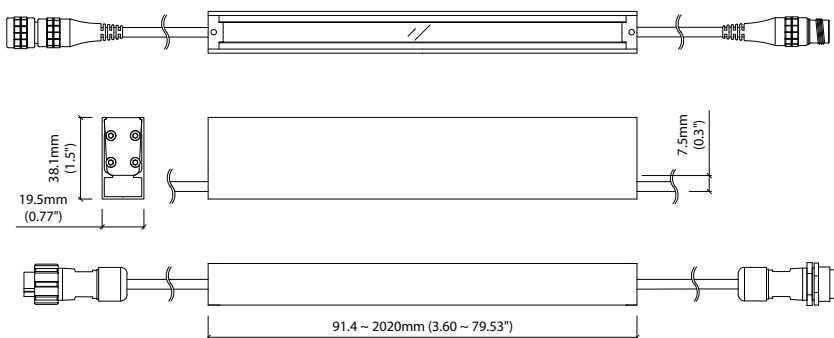
### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
17.5W/m (5.33W/ft)	24V DC	0.73A/m (0.22A/ft)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>k-line</b>	94	97	98	93	93	95	92	83	62	92	94	83	95	98

	Clear Cover				Diffused Cover				CRI	R9	Rf	Rg
<b>s/e-line</b>	580lm/m (177lm/ft)	32.9lm/W	390lm/m (199lm/ft)	22.1lm/W	90	47	-	-				
<b>k-line</b>	500lm/m (152lm/ft)	28.3lm/W	340lm/m (104lm/ft)	19.4lm/W	93	62	-	-				



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