

# POKI 504

## Specification sheet



<b>Dimension</b>	H38.1/W19.5/L120-2020mm (H1.5/W0.77/L4.72-79.53in)
<b>PCB increment</b>	100mm increment/2000mm max (3.94in increment/78.74in max)
<b>LED pitch</b>	16.7mm - 60LED/m (0.66in - 18LED/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 Single colours: Red/Green/Blue/Orange/Amber <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 45°C (T <sub>c</sub> max = 64.2°C) T <sub>a</sub> = -13 to 113°F (T <sub>c</sub> max = 147.6°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>	*KKDC tuned CCT range
2-step CCT range	
<b>e-line*</b>	
3-step CCT range	

#### Base Grade

<b>k-line</b>	
3-step commercial range	
Energy Star CCTs	

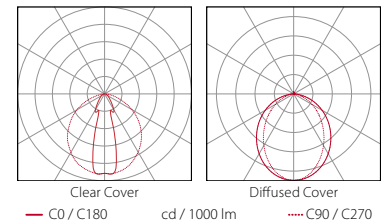
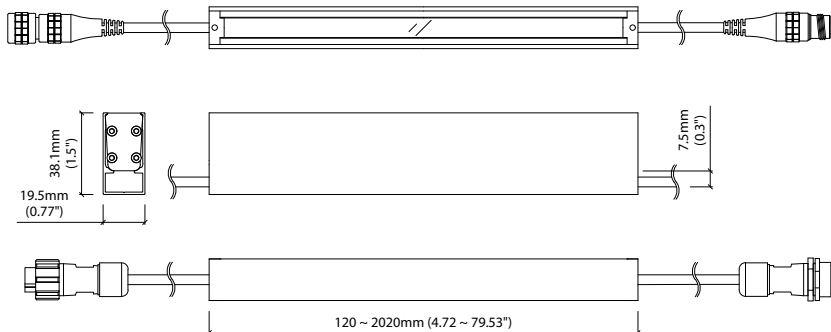
### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
12.5W/m (3.81W/ft)	24V DC	0.52A/m (0.16A/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>	420lm/m (128lm/ft)	33.2lm/W		280lm/m (85lm/ft)	22.3lm/W		90	47	-	-
<b>k-line</b>	350lm/m (107lm/ft)	28.3lm/W		240lm/m (73lm/ft)	19.4lm/W		93	62	-	-



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