

Flexible

# P-FX8

## Specification sheet



<b>Dimension</b>	H1.35/W10/L125-4000mm (H0.05/W0.39/L4.92-157.48in) (IP20) H5.5/W14/L127-4002mm (H0.22/W0.55/L5.00-157.56in) (IP65)
<b>PCB increment</b>	Power connection and cut point every 62.5mm (2.46in)
<b>LED pitch</b>	10.4mm - 96LED/m (0.41in - 29LED/ft)
<b>Chip</b>	<b>n/s/e-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	120°
<b>Colours</b>	<b>n-line</b> 2700K/3000K <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>n/e/k-line</b> 3 Step MacAdam ellipse
<b>CRI</b>	≥ 90 (n-line ≥ 95)
<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 = 85°C) T <sub>a</sub> = -13 to 104°F (T <sub>c</sub> max = 185°F)
<b>IP rating</b>	IP20/IP65
<b>Finish</b>	Silicone Cover for IP65
<b>Cover/lens</b>	IP65 version with silicone sheathed Cover
<b>Mounting</b>	3M double sided tape (IP20), surface mounting clips (IP65)
<b>Min bend radius</b>	20mmØ (0.79in) Ø (IP20)/35mmØ (1.34in) Ø (IP65)
<b>Connection</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

<b>Exclusive Grade</b>	
<b>n-line*</b>	*KKDC tuned CCT range
Full visible spectrum NO UV or IR 380nm-780nm 3-step CCT range	
<b>s-line*</b>	2-step CCT range
<b>e-line*</b>	3-step CCT range
<b>Base Grade</b>	
<b>k-line</b>	3-step commercial range Energy Star CCTs

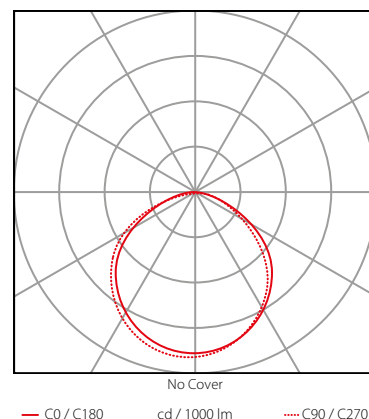
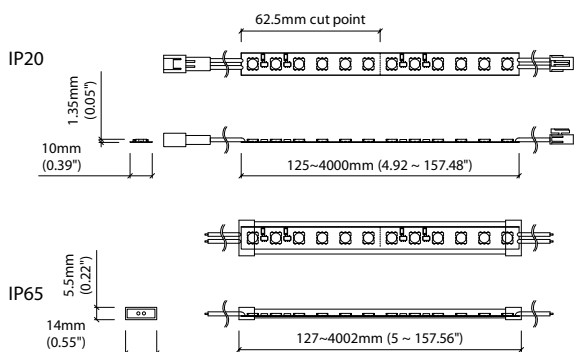
### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
18W/m (5.49W/ft)	24V DC	0.71A/m (0.22A/m)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>n-line</b>	99	98	96	97	98	97	95	91	78	95	95	92	99	97
<b>k-line</b>	94	97	98	93	93	96	92	83	62	92	94	81	95	99

No Cover		CRI	R9	Rf	Rg
<b>n-line</b>	1130lm/m (344lm/ft) 63lm/W	97	78	-	-
<b>s/e-line</b>	1740lm/m (530lm/ft) 96.4lm/W	90	50	-	-
<b>k-line</b>	1620lm/m (494lm/ft) 90.1lm/W	92	59	-	-



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