

Flexible

P-FX4

Specification sheet



Dimension	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)
PCB increment	Power connection and cut point every 125mm (4.92in)
LED pitch	20.8mm - 48 LED/m (0.82in - 15LED/ft)
Chip	n/s/e-line Toyoda Gosei k-line Samsung
Beam angle	120°
Colours	n-line 2700K/3000K s/e-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 Step MacAdam ellipse n/e/k-line 3 Step MacAdam ellipse
CRI	≥ 90 (n-line ≥ 95)
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 40°C (T _c max = 85°C) T _a = -13 to 104°F (T _c max = 185°F)
IP rating	IP20/IP65
Finish	Silicone Cover for IP65
Cover/lens	IP65 version with silicone sheathed Cover
Mounting	3M double sided tape (IP20), surface mounting clips (IP65)
Min bend radius	20mmØ (0.79in) Ø (IP20)/35mmØ (1.34in) Ø (IP65)
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

- n-line*** Full visible spectrum *KKDC tuned CCT range
NO UV or IR 380nm-780nm
3-step CCT range
- s-line*** 2-step CCT range
- e-line*** 3-step CCT range

Base Grade

- k-line** 3-step commercial range
Energy Star CCTs

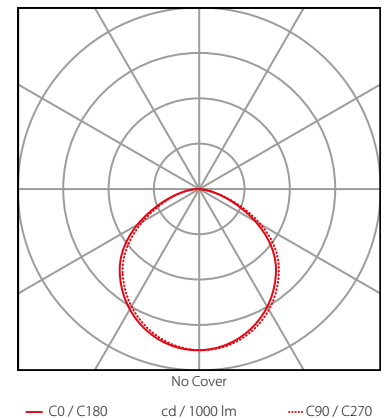
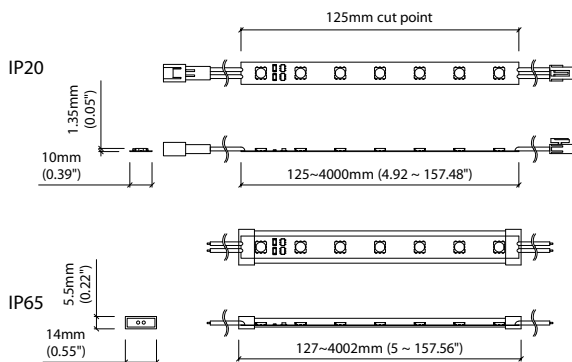
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
15W/m (4.57W/ft)	24V DC	0.62A/m (0.19A/ft)

Colour Rendering Index (CRI)

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

No Cover		CRI	R9	Rf	Rg
n-line	950lm/m (290lm/ft) 63.1lm/W	97	78	-	-
s/e-line	1450lm/m (442lm/ft) 96.6lm/W	90	50	-	-
k-line	1300lm/m (396lm/ft) 86.8lm/W	92	58	-	-



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