



SEN-F 033

Specification sheet



Dimension	H48.9/W52.2/L210-1010mm (H1.93/W2.06/L8.27-39.76in)
PCB increment	100mm (3.94in)
LED pitch	33mm - 30LED/m (1.30in - 9.1LED/ft)
Chip	hcc-line Cree
Beam angle	10°/20°/30°/60°/Spread lens (10°x45°)/No lens
Colours	hcc-line White: 2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
Bin/Step	hcc-line 3 Step MacAdam Ellipse
CRI	80 (2700K-4000K)/75 (5000K)
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	350mA: $T_a = -25^{\circ}\text{C}$ to 70°C ($T_c \text{ max} = 76^{\circ}\text{C}$) $T_a = -13$ to 158°F ($T_c \text{ max} = 168.8^{\circ}\text{F}$) 700mA: $T_a = -25^{\circ}\text{C}$ to 40°C ($T_c \text{ max} = 57^{\circ}\text{C}$) $T_a = -13$ to 104°F ($T_c \text{ max} = 134.6^{\circ}\text{F}$)
IP rating	IP67
Finish	Silver anodised
Cover/lens	Clear Glass/Frosted Glass/Micro Louvre + Clear Glass
Mounting	Ground Recessed Mounting
Connection	Sheathed hardwire tail
Control	0-10V/1-10V/DMX/DALI via. External power supply options



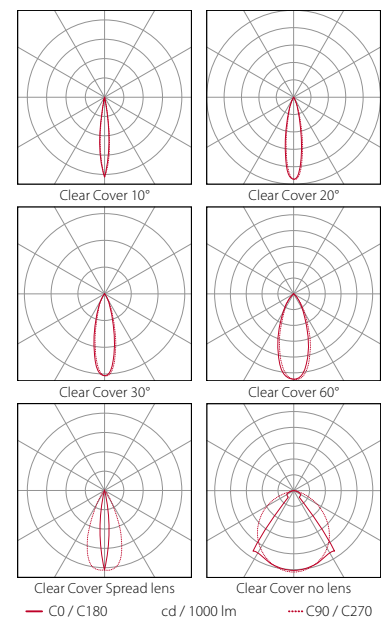
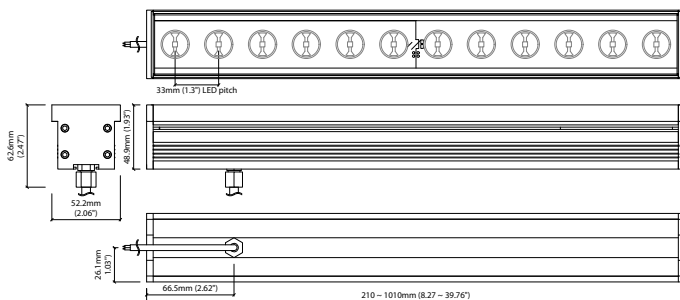
LED Grading Key

hcc	hcc-line*	
	Constant Current Lensed	
	High Power LED 2-step	*KKDC tuned
	CCT range	CCT range
	(4-step for 5000K, 6500K)	

PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
TYP. 32.025W/m (9.76W/ft) @ 350mA TYP. 69.3W/m (21.12W/ft) @ 700mA	TYP. 91.5V/m (27.9V/m) @ 350mA TYP. 99.0V/m (30.2V/m) @ 700mA	0.35/0.7A/m (0.107/0.213A/ft)

	Clear Cover 10°	Clear Cover 20°	Clear Cover 30°	Clear Cover 60°	Clear Cover Spread Lens	Clear Cover No Lens	CRI	R9	Rf	Rg
hcc-line	2136lm/m (651lm/ft), 67.7 lm/W @ 3000K, 350mA	2146lm/m (654lm/ft), 67lm/W @ 3000K, 350mA	2008lm/m (612lm/ft), 62.7lm/W @ 3000K, 350mA	2235lm/m (681lm/ft), 69.8lm/W @ 3000K, 350mA	2050lm/m (625lm/ft), 64lm/W @ 3000K, 350mA	1726lm/m (526lm/ft), 53.9lm/W @ 3000K, 350mA	-	-	-	-
	3465lm/m (1056lm/ft), 50lm/W @ 3000K, 700mA	3479lm/m (1060lm/ft), 50.2lm/W @ 3000K, 700mA	3264lm/m (995lm/ft), 47.1lm/W @ 3000K, 700mA	3624lm/m (1105lm/ft), 52.3lm/W @ 3000K, 700mA	3326lm/m (1014lm/ft), 48lm/W @ 3000K, 700mA	2800lm/m (853lm/ft), 40.4lm/W @ 3000K, 700mA	-	-	-	-



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