



# SEN-F 100

## Specification sheet



<b>Dimension</b>	H48.9/W52.2/L210-1010mm (H1.93/W2.06/L8.27-39.76in)
<b>PCB increment</b>	100mm (3.94in)
<b>LED pitch</b>	100mm - 10LED/m (3.94in - 3LED/ft)
<b>Chip</b>	<b>hcc-line</b> Cree
<b>Beam angle</b>	10°/20°/30°/60°/Spread lens (10°x45°)/No lens
<b>Colours</b>	<b>hcc-line</b> White: 2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue
<b>Bin/Step</b>	<b>hcc-line</b> 3 Step MacAdam Ellipse
<b>CRI</b>	80 (2700K-4000K)/75 (5000K)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	350mA: $T_a = -25^{\circ}\text{C}$ to $75^{\circ}\text{C}$ ( $T_c \text{ max} = 80^{\circ}\text{C}$ ) $T_a = -13$ to $167^{\circ}\text{F}$ ( $T_c \text{ max} = 176^{\circ}\text{F}$ ) 700mA: $T_a = -25^{\circ}\text{C}$ to $55^{\circ}\text{C}$ ( $T_c \text{ max} = 67^{\circ}\text{C}$ ) $T_a = -13$ to $131^{\circ}\text{F}$ ( $T_c \text{ max} = 152.6^{\circ}\text{F}$ )
<b>IP rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear Glass/Frosted Glass/Micro Louvre + Clear Glass
<b>Mounting</b>	Ground Recessed Mounting
<b>Connection</b>	Sheathed hardwire tail
<b>Control</b>	0-10V/1-10V/DMX/DALI via. External power supply options



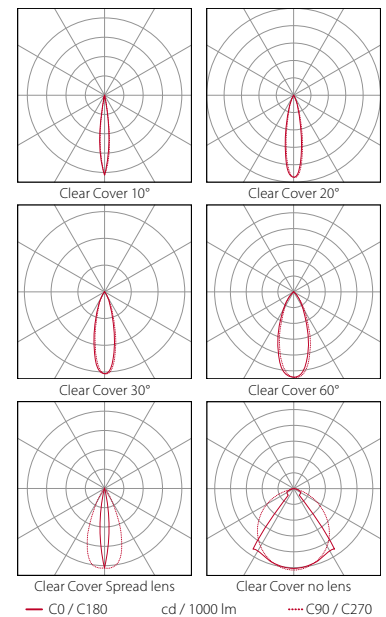
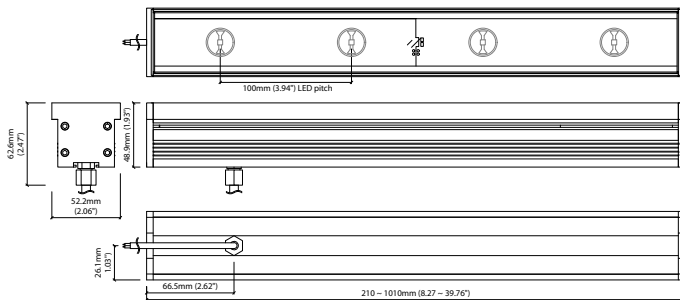
### LED Grading Key

<b>hcc</b>	<b>hcc-line*</b>	
	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. 10.675W/m (3.25W/ft) @ 350mA TYP. 23.1W/m (7.04W/ft) @ 700mA	TYP. 30.5V/m (9.3V/ft) @ 350mA TYP. 33V/m (10.1V/ft) @ 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
<b>hcc-line</b>	731lm/m (223lm/ft), 68.5lm/W @ 3000K, 350mA	733lm/m (223lm/ft), 68.7lm/W @ 3000K, 350mA	687lm/m (209lm/ft), 64.6lm/W @ 3000K, 350mA	764lm/m (233lm/ft), 71.6lm/W @ 3000K, 350mA	701lm/m (214lm/ft), 65.7lm/W @ 3000K, 350mA	591lm/m (180lm/ft), 55.4lm/W @ 3000K, 350mA	-	-	-	-
	1229lm/m (375lm/ft), 53.2lm/W @ 3000K, 700mA	1236lm/m (377lm/ft), 53.5lm/W @ 3000K, 700mA	1157lm/m (353lm/ft), 49.5lm/W @ 3000K, 700mA	1287lm/m (392lm/ft), 55.7lm/W @ 3000K, 700mA	1180lm/m (360lm/ft), 51.1lm/W @ 3000K, 700mA	996lm/m (304lm/ft), 43.1lm/W @ 3000K, 700mA	-	-	-	-



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