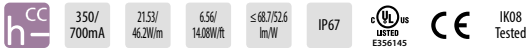




# SEN-F 050

## 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>	33mm - 30LED/m (1.30in - 9.1LED/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 <sub>a</sub> = -25°C to 75°C (T <sub>c</sub> max = 83°C) T <sub>a</sub> = -13 to 167°F (T <sub>c</sub> max = 181.4°F) 700mA: T <sub>a</sub> = -25°C to 50°C (T <sub>c</sub> max = 70°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 158°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

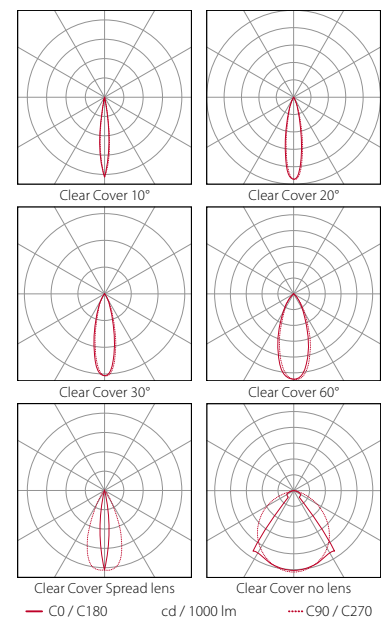
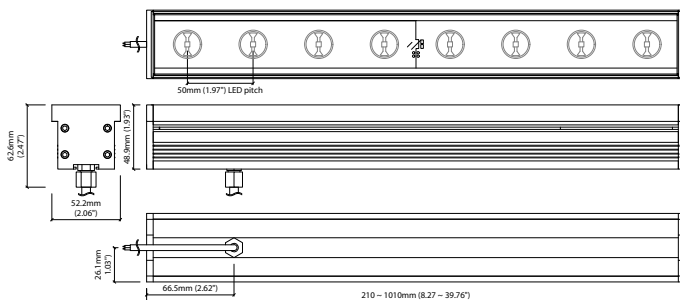
**hcc-line\***  
Constant Current Lensed  
High Power LED 2-step  
CCT range  
(4-step for  
5000K, 6500K)

\*KKDC tuned  
CCT range

### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
TYP. 21.53W/m (6.56W/ft) @ 350mA	TYP. 61V/m (18.6V/ft) @ 350mA	0.35/0.7A/m (0.107/0.213A/ft)
TYP. 46.2W/m (14.08W/ft) @ 700mA	TYP. 66V/m (20.1V/ft) @ 700mA	

	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>	1479lm/m (451lm/ft), 68.7lm/W @ 3000K, 350mA	1483lm/m (452lm/ft), 68.9lm/W @ 3000K, 350mA	1391lm/m (424lm/ft), 64.6lm/W @ 3000K, 350mA	1608lm/m (490lm/ft), 74.4lm/W @ 3000K, 350mA	1419lm/m (433lm/ft), 65.9lm/W @ 3000K, 350mA	1195lm/m (364lm/ft), 55.5lm/W @ 3000K, 350mA	-	-	-	-
	2430lm/m (741lm/ft), 52.6lm/W @ 3000K, 700mA	2439lm/m (743lm/ft), 52.8lm/W @ 3000K, 700mA	2287lm/m (697lm/ft), 49.5lm/W @ 3000K, 700mA	2611lm/m (796lm/ft), 56.5lm/W @ 3000K, 700mA	2333lm/m (711lm/ft), 50.5lm/W @ 3000K, 700mA	1968lm/m (600lm/ft), 42.6lm/W @ 3000K, 700mA	-	-	-	-



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