



# FM8-192 tuneWHITE IP65

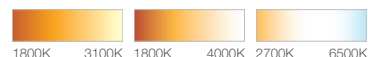
PROFESSIONAL DUAL-CHANNEL TUNABLE-WHITE FLEXIBLE LINEAR LED MODULE



## AVAILABLE OPTIONS

### CCT OPTIONS

tuneWHITE



### DRIVER DIMMING OPTIONS



### ACCESSORIES



Aluminium Tray

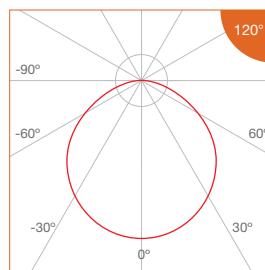
45° Aluminium Tray

## DIMENSIONS (MM)



- Width x Height : 11mm x 4mm (Silicone Sleeve)
- Cut Section : 12 LEDs, 62.5mm
- LED Pitch : 10.4mm
- LEDs per Meter : 192 LEDs/m

## PHOTOMETRICS





## LED Module

CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	Max 15W/m per Channel
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m per Channel
Efficacy	Up to 115.5lm/W per Channel
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

### SPECIFICATIONS

#### • tuneWHITE 1800K - 3100K

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		
		15W/m/Ch	10W/m/Ch	5W/m/Ch
1800K	83.6	1254	840	414
3100K	110.0	1650	1106	545
Correction Factor		1.00	0.67	0.33

#### • tuneWHITE 1800K - 4000K

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		
		15W/m/Ch	10W/m/Ch	5W/m/Ch
1800K	83.6	1254	840	414
4000K	115.5	1733	1161	572
Correction Factor		1.00	0.67	0.33

#### • tuneWHITE 2700K - 6500K

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		
		15W/m/Ch	10W/m/Ch	5W/m/Ch
2700K	110.0	1650	1106	545
6500K	115.5	1733	1161	572
Correction Factor		1.00	0.67	0.33

⚠ The operational power of FM8 TW LED modules must NOT exceed 15W/m (per channel or both channels combined) at all times.

### ORDERING MATRIX

Module	Power		CCT		Length		Sleeve Option	
FM8-196	15PC	15W/m per channel	TW1831	tuneWHITE 1800K - 3100K	5M	5m Reel*	SS	IP65 Silicone Sleeve**
	10PC	10W/m per channel	TW1840	tuneWHITE 1800K - 4000K				
	5PC	5W/m per channel	TW2765	tuneWHITE 2700K - 6500K				

Example: FM8-192-15PC-TW1831-5M-SS

FM8 flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

\*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

\*\*IP65 Silicon sleeve is only valid for 5W/m per Channel and 10W/m per Channel power only.

#### • Accessories

Aluminium Tray	Finishing		Length	
FM8-SS-AT	SL	Silver	1000	1000mm

Example: FM8-SS-AT-SL-1000  
FM8 Silicone Sleeve, Aluminium Tray, Silver, 1000mm

45° Aluminium Tray	Finishing		Length	
FM8-SS-AT45	SL	Silver	1000	1000mm

Example: FM8-SS-AT45-SL-1000  
FM8 IP65, 45° Aluminium Tray, Silver, 1000mm

The information above is at nominal values accuracy of +/-7%. For the latest specifications please refer to the website.