



# MoMo-F 352

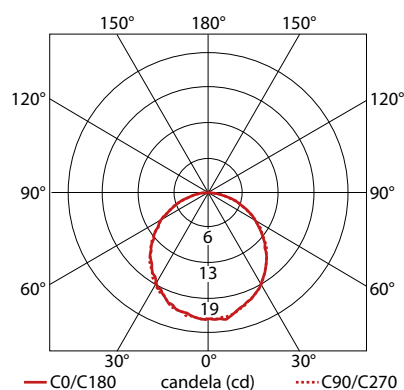
## Specification sheet



24V DC	5.52 W/m	1.68 W/ft	20.3 lm/W	IP67	LISTED E356145	IK08/10 tested	
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### PRODUCT SPECIFICATION

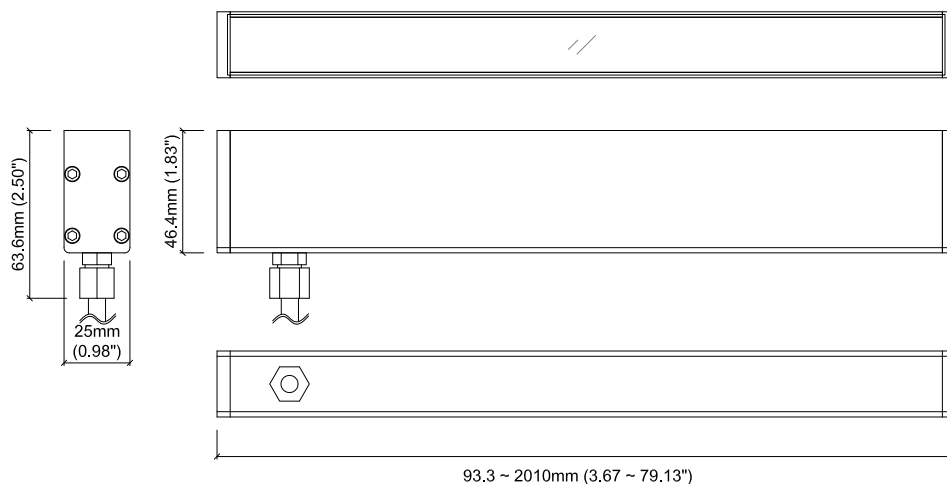
<b>Dimension</b>	H46.4/W25/L93.3-2010mm (H1.83/W0.98/L3.67-79.13in)
<b>PCB increment</b>	83.3mm increment/2000mm max (3.28in increment/78.74in max)
<b>LED pitch</b>	13.9mm - 72LED/m (0.55in - 21.95LED/ft)
<b>Chip</b>	Toyoda Gosei
<b>Beam angle</b>	110°
<b>Colours</b>	White: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/3800K/5000K Single colours: Red/Green/Blue/Orange/Amber
<b>Bin/step</b>	S-line 2 Step MacAdam ellipse E-line 3 Step MacAdam ellipse
<b>CRI</b>	≥ 90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> max = 65°C) T <sub>a</sub> = -13 to 140°F (T <sub>c</sub> max = 149°F)
<b>IP Rating</b>	IP67
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Diffused
<b>Mounting</b>	Ground recessed
<b>Connection</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI (see visDIM range)



### PERFORMANCE DATA for 3000K

<b>Power consumption</b>	5.52W/m (1.68W/ft)
<b>Supply voltage</b>	24V DC
<b>Supply current</b>	0.23A/m (0.07A/ft)
<b>Luminous flux</b>	112lm/m (34lm/ft)

### TECHNICAL DRAWING



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



# MoMo-F 352

## Photometric Test Report



### PRODUCT DETAILS

Product name :	MoMo-F 352
Stated output :	95lm per metre
Description:	Covered linear LED, 3200K, 24V, 5.52W per metre
Quantity/length of product tested :	1 x 93.3mm
Bin tolerance/#. MacAdams ellipse of chip :	2 Step MacAdam ellipse (+/- 96K)

### ELECTRICAL CHARACTERISTICS

Input Voltage (V DC) :	24.01
Input power (W DC) :	0.48
Input Current (mA DC) :	20

### LIGHT OUTPUT

Total light output (Lumens) :	9
Luminaire efficacy (lm/W) :	17.3
Beam angle :	109°

### TEST DETAILS

Test Standards :	Accredited IESNA LM-79-08
Number of hours operated prior to test measurement :	24
Stabilisation time (minutes) :	31
Test orientation :	Base Down
Ambient test temperature :	25.2°C
Data measured at luminaire :	V,W,mA,lm/W

### COLOUR CHARACTERISTICS

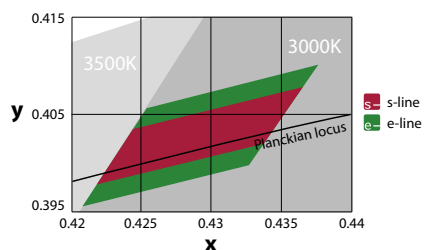
Correlated colour temperature (CCT) :	3074K
Colour rendering index (CRI, Ra) :	91
Chromaticity coordinates (CIE 1931 - x,y) :	0.4321, 0.4032
Duv :	0.0004

### COLOUR RENDERING INDEX (CRI)

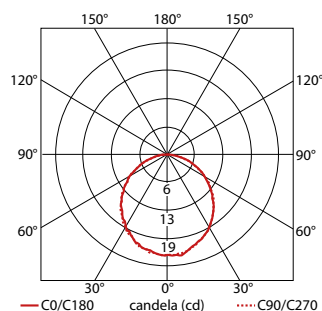
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
93.5	93.2	90.0	93.1	91.4	90.4	93.5	84.1	59.0	80.9	92.7	69.7	93.5	93.1

### KKDC BIN DETAILS (CIE 1931)

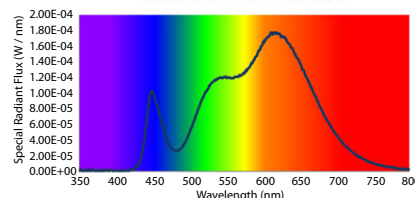
Source LED details



### POLAR CURVE



### SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



### TEST SPECIFICATIONS

Test Lab :	LUX-TSI Ltd, Pencoed Technology Park, CF35 5HZ, UK
Test equipment :	40-inch (1metre) Integrating Sphere Spectroradiometer System. Fluke 289 True RMS Multimeter. Yokogawa TY720 Digital Multimeter.
Measurement uncertainty :	Total Luminous Flux +/-5.6%, CCT +/-100K, CRI +/-2

