



# MiMi 207

## Specification sheet



24V DC

10.95  
W/m

3.34  
W/ft

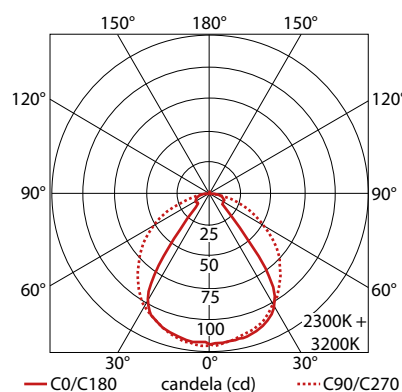
46.9  
lm/W

IP54/67



### PRODUCT SPECIFICATION

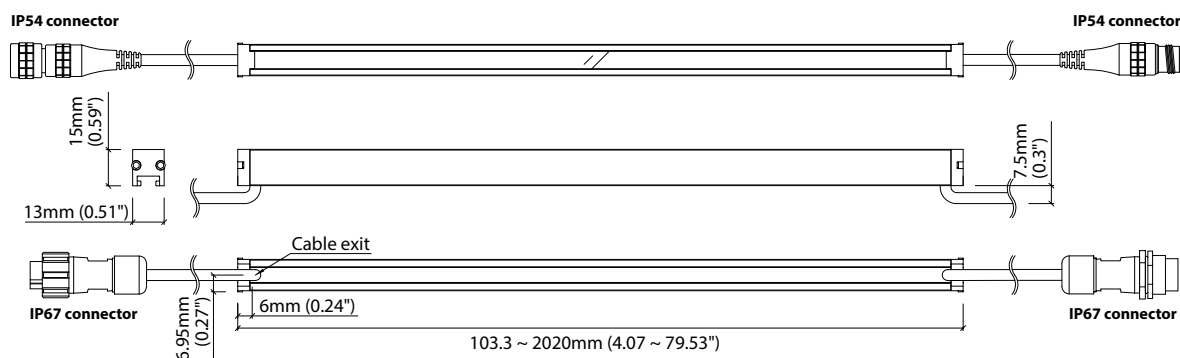
<b>Dimension</b>	H15/W13/L103.3-2020mm (H0.59/W0.51/L4.07-79.53in)
<b>PCB increment</b>	83.3mm increment/2000mm max (3.28in increment/78.74in max)
<b>LED pitch</b>	13.9mm - 144LED/m (0.55in - 43.9LED/ft) between same coloured LEDs
<b>Chip</b>	Toyoda Gosei
<b>Beam angle</b>	75° (Clear cover)
<b>Colours</b>	White: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/3800K/5000K
<b>Bin/step</b>	Line 2 Step MacAdam ellipse (For each color option)
<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 = 69.4°C) T <sub>a</sub> = -13 to 140°F (T <sub>c</sub> max = 156.9°F)
<b>IP Rating</b>	IP54/67
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Diffused/Clear
<b>Mounting</b>	Surface mounting via clips or brackets
<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 2300K + 3000K / Clear cover

<b>Power consumption</b>	10.95W/m (3.34W/ft)
<b>Supply voltage</b>	24V DC
<b>Supply current</b>	0.46A/m (0.14A/ft)
<b>Luminous flux</b>	514lm/m (157lm/ft)

### TECHNICAL DRAWING



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

See KKDC website for product document updates.

[www.kkdc.lighting](http://www.kkdc.lighting)

MiMi207S-01EN-20170718



# MiMi 207

## Photometric Test Report



### PRODUCT DETAILS

Product name :	MiMi 207
Stated output :	528lm per metre
Description :	Variable colour covered linear LED, 2300K + 3200K, 24V, 10.95W per metre
Quantity/length of product tested :	1 x 103.3mm
Bin tolerance/#. MacAdams ellipse of chip :	2 Step MacAdams ellipse (+/- 96K)

### ELECTRICAL CHARACTERISTICS

Input Voltage (V DC) :	24.01
Input power (W DC) :	0.89
Input Current (mA DC) :	36

### LIGHT OUTPUT

Total light output (Lumens) :	43
Luminaire efficacy (lm/W) :	48.24
Beam angle :	75°

### COLOUR CHARACTERISTICS

Correlated colour temperature (CCT) :	2553K
Colour rendering index (CRI Ra) :	91
Chromaticity coordinates (CIE 1931 - x,y) :	0.4681, 0.4061

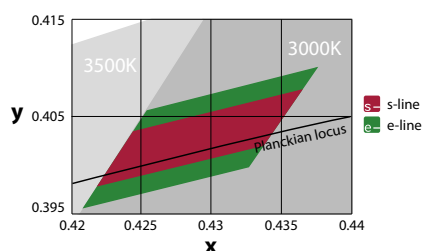
### TEST DETAILS

Test Standards :	Data from independent UKAS accredited IESNA LM-79-08 testing of production samples.
Number of hours operated prior to test measurement :	24
Stabilisation time (minutes) :	45
Test orientation :	Base Down
Ambient test temperature :	25.4°C
Data measured at luminaire :	V,W,mA,lm/W

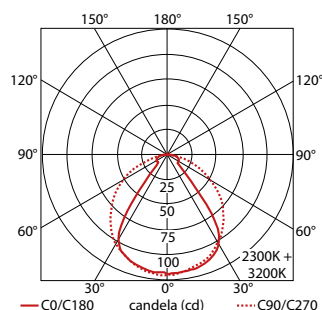
### COLOUR RENDERING INDEX (CRI)

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
92.6	96.1	96.3	91.5	91.5	95.1	89.1	76.7	49.8	88.0	92.1	78.8	94.0	96.6

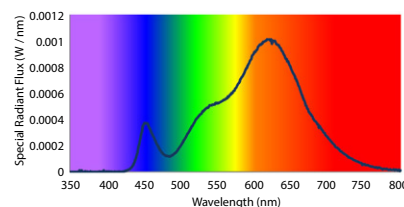
### KKDC BIN DETAILS (CIE 1931)



### 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

