








MiMi 508

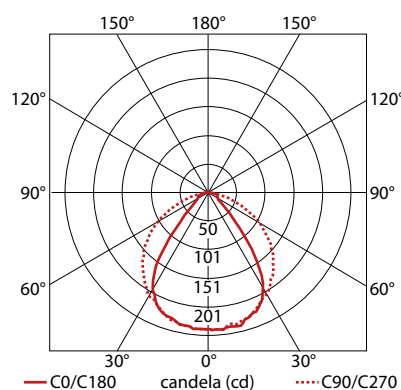
Specification sheet

KKDÖ

24V DC	17.28 W/m	5.27 W/ft	≤64.7 lm/W	IP54/67		
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PRODUCT SPECIFICATION

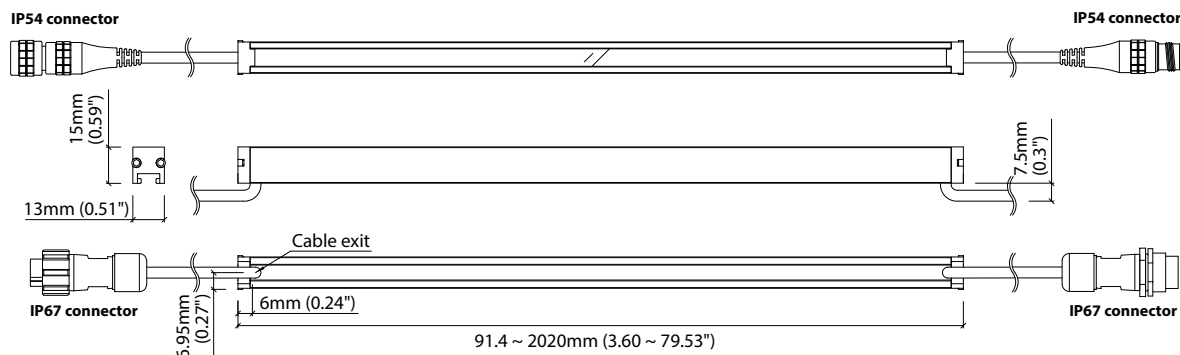
Dimension	H15/W13/L91.4-2020mm (H0.59/W0.51/L3.6-79.53in)
PCB increment	71.4mm increment/2000mm max (2.81in increment/78.74in max)
LED pitch	11.9mm - 84LED/m (0.47in - 25.6LED/ft)
Chip	Toyoda Gosei
Beam angle	75° (Clear cover)
Colours	White: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/3800K/5000K
Bin/step	 line 3 Step MacAdam ellipse  line 2 Step MacAdam ellipse  line 3 Step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 45°C (T _c max = 70°C) T _a = -13 to 113°F (T _c max = 158°F)
IP Rating	IP54/67
Finish	Silver anodised
Cover/lens	Diffused/Clear
Mounting	Surface mounting via clips or brackets
Connection	Sheathed hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI (see visDIM range)



PERFORMANCE DATA for 3000K / Clear cover

Power consumption	17.28W/m (5.27W/ft)
Supply voltage	24V DC
Supply current	0.72A/m (0.22A/ft)
Luminous flux	≤ 1118lm/m (≤ 341lm/ft)

TECHNICAL DRAWING



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

See KKDÖ website for product document updates.

www.kkdc.lighting

MiMi508S-01EN-20170718



MiMi 508

Photometric Test Report



PRODUCT DETAILS

Product name :	MiMi 508
Stated output :	992lm per metre
Description:	Covered linear LED, 3200K, 24V, 17.28W per metre
Quantity/length of product tested :	1 x 91.4mm
Bin tolerance/#. MacAdams ellipse of chip :	2 Step MacAdam ellipse (+/- 91K)

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC) :	24.01
Input power (W DC) :	1.26
Input Current (mA DC) :	53

LIGHT OUTPUT

Total light output (Lumens) :	Clear :72, Diffused :50
Luminaire efficacy (lm/W) :	Clear : 57.37, Diffused : 39.55
Beam angle :	76°

COLOUR CHARACTERISTICS

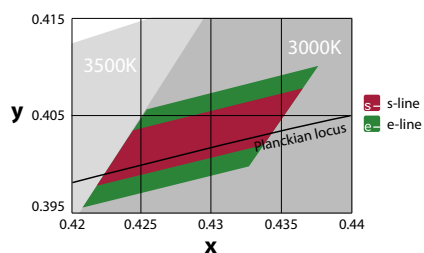
Correlated colour temperature (CCT) :	Clear : 3055K, Diffused : 2982K
Colour rendering index (CRI, Ra) :	Clear : 91, Diffused : 92
Chromaticity coordinates (CIE 1931 - x,y) :	Clear : 0.4327, 0.4022
Duv :	0.0002

COLOUR RENDERING INDEX (CRI) Clear results

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
92.8	94.3	93.0	92.6	91.1	92.0	92.6	81.5	55.0	83.7	92.3	70.6	93.5	94.9

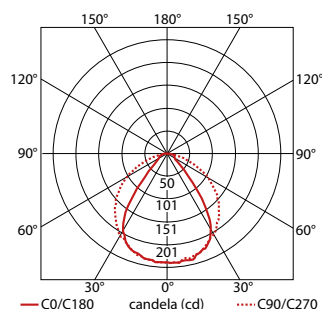
KKDC BIN DETAILS (CIE 1931)

Source LED details



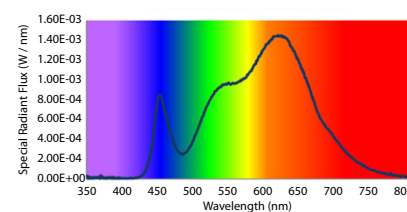
POLAR CURVE

Clear results



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

Clear results



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

