



MoMo 208

Specification sheet



24V DC

15.55
W/m

4.74
W/ft

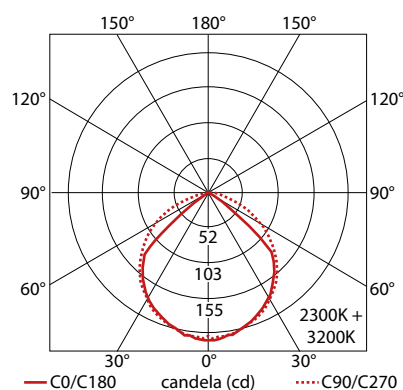
85.9
lm/W

IP54/67



PRODUCT SPECIFICATION

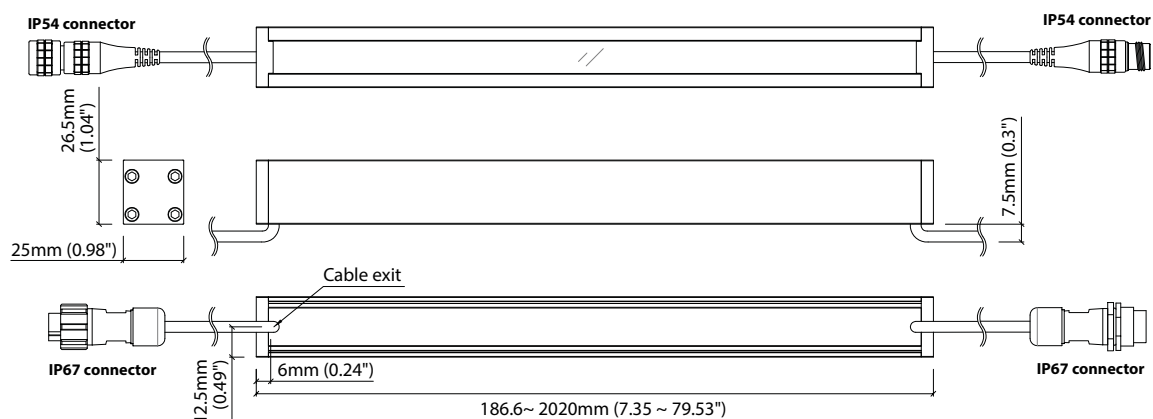
Dimension	H26.5/W25/L186.7-2020mm (H1.04/W0.98/L7.35-79.53in)
PCB increment	166.7mm increment/2000mm max (6.56in increment/78.74in max)
LED pitch	23.8mm - 84LED/m (0.94in - 25.61LED/ft) between same coloured LEDs
Chip	Toyoda Gosei
Beam angle	100° (Clear cover)/95° (Diffused cover)/14° (KKLN-01 Lens)
Colours	White: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/3800K/5000K
Bin/Step	Line 2 Step MacAdam ellipse (For each colour option)
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 60°C (T _c max = 74.2°C) T _a = -13 to 140°F (T _c max = 165.6°F)
IP rating	IP54/67
Finish	Silver anodised
Cover/lens	Diffused/Clear/KKLN-01 Lens
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 2300K + 3000K / Clear cover

Power consumption	15.55W/m (4.74W/ft)
Supply voltage	24V DC
Supply current	0.65A/m (0.198A/ft)
Luminous flux	1336lm/m (407lm/ft)

TECHNICAL DRAWING



Data derived from production samples independently tested to UKAS / IESNA LM-79-08 standards.

See KKDC website for product document updates.

www.kkdc.lighting

MoMo208S-01EN-20170718



MoMo 208

Photometric Test Report



PRODUCT DETAILS

Product name :	MoMo 208
Stated output :	1029lm per metre
Description :	Variable colour covered linear LED, 2300K + 3200K, 24V, 15.55W per metre
Quantity/length of product tested :	1 x 520mm
Bin tolerance/#. MacAdams ellipse of chip :	2 Step MacAdam Ellipse (+/- 91K)

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC) :	24
Input power (W DC) :	7.8
Input Current (mA DC) :	326

LIGHT OUTPUT

Total light output (Lumens) :	516
Luminaire efficacy (lm/W) :	66.15
Beam angle :	98°

COLOUR CHARACTERISTICS

Correlated colour temperature (CCT) :	2516K
Colour rendering index (CRI Ra) :	92
Chromaticity coordinates (CIE 1931 - x,y) :	0.4709, 0.4059

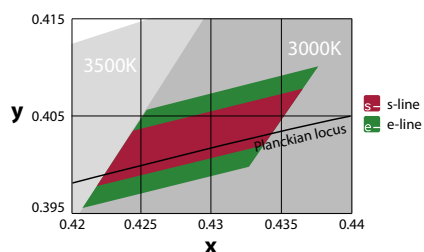
TEST DETAILS

Test Standards :	Data from production samples independently tested to IESNA LM-79-08 standards.
Number of hours operated prior to test measurement :	24
Stabilisation time (minutes) :	60
Test orientation :	Base Up
Ambient test temperature :	24.4°C
Data measured at luminaire :	V,W,mA,lm/W

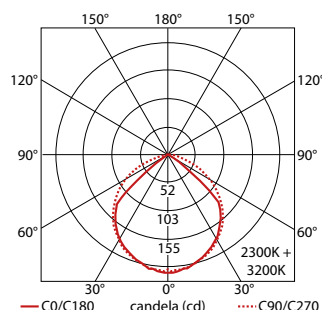
COLOUR RENDERING INDEX (CRI)

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
93.4	97.6	97.8	91.1	92.3	96.1	88.7	77.7	53.7	91.2	91.3	79.6	95.1	97.6

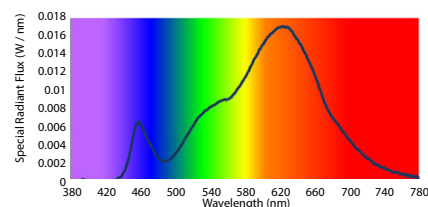
KKDC BIN DETAILS (CIE 1931)



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

