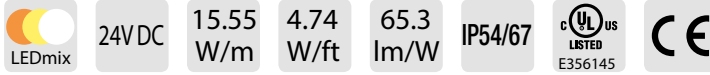




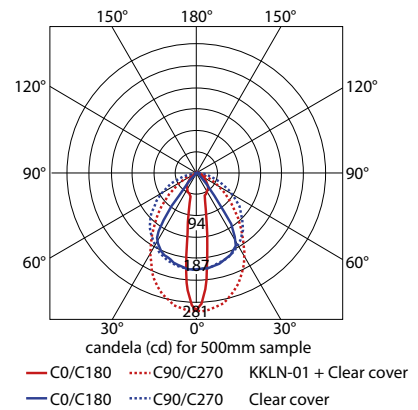
MoMo-L 208

Specification sheet



PRODUCT SPECIFICATION

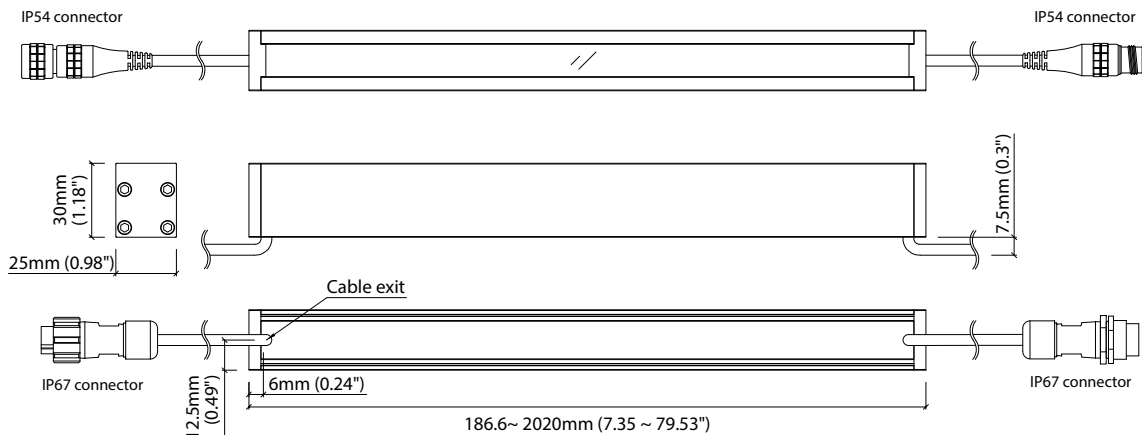
Dimension	H30/W25/186.6-2020mm (H1.18/W0.98/L7.35-79.53in)
PCB increment	166.7mm increment/2000mm max (6.56in increment/78.74in max)
LED pitch	23.8mm - 84LED/m (0.94in - 25.6LED/ft)
Chip	Toyoda Gosei
Beam angle	70° Clear cover/18° KKLN-01 lens/95° Diffused cover
Colours	White: 2100K/2300K/2500K/2700K/3000K/3200K/3500K/3800K/5000K
Bin/step	Line 2 Step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 60°C (T _e max = 74.2°C) T _a = -13 to 140°F (T _e max = 165.6°F)
IP Rating	IP54/67
Finish	Silver anodised
Cover/lens	Clear/Diffused/KKLN-01 Lens/Micro Louvre
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

Power consumption	15.55W/m (4.74W/ft)
Supply voltage	24V DC
Supply current	0.65A/m (0.198A/ft)
Luminous flux	1015lm/m (309lm/ft) 65.3lm/W @ Clear cover 608lm/m (185lm/ft) 39.1lm/W @ Diffused cover 549lm/m (167lm/ft) 35.3lm/W @ KKLN-01 + Clear cover 392lm/m (119lm/ft) 25.2lm/W @ Micro Louvre + Clear cover 174lm/m (53lm/ft) 11.2lm/W @ KKLN-01 + Micro Louvre + Clear cover

TECHNICAL DRAWING



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



MoMo-L 208

Photometric Test Report



PRODUCT DETAILS

Product name : MoMo-L 208
 Stated output : 935lm per metre
 Description: variable colour covered linear LED, 3200K, 24V, 15.55W per metre – LM79-08 test data for Clear shown
 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) : 23.95
 Input power (W DC) : 7.7
 Input Current (mA DC) : 321

LIGHT OUTPUT

Total light output (Lumens) :
 461: Clear
 275: Diffused
 248: Clear + KKLN-01
 148: Clear + Micro louvre
 122: Clear + Micro louvre + KKLN-01
 Luminaire efficacy (lm/W) :
 60.12: Clear
 36.57: Diffused
 32.98: Clear + KKLN-01
 19.81: Clear + Micro louvre
 16.94: Clear + Micro louvre + KKLN-01

Beam angle : n/a

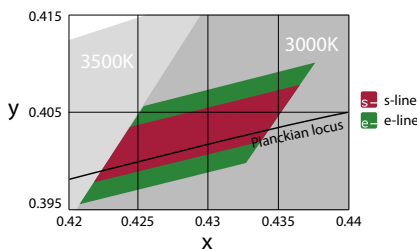
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT) : 2943K
 Colour rendering index (CRI, Ra) : 91
 Chromaticity coordinates (CIE 1931 - x,y) : 0.4374, 0.3961

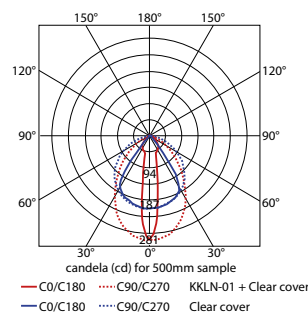
COLOUR RENDERING INDEX (CRI)

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
92	94	93	92	90	92	91	88	51	83	92	71	92	95

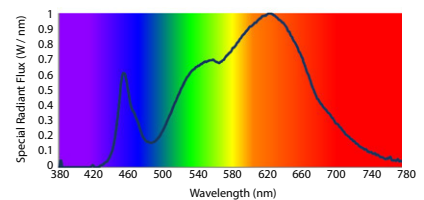
Source LED details



POLAR CURVE



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



TEST SPECIFICATIONS

Test Lab : KKDC, 286 Jeongmun-Ro, Wollongmyeon, Paju-si, Gyeonggi-do, Republic Korea, 413-810
 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 +/-8