

Linear

MoMo 352

Specification sheet



Dimension	H26.5/W25/L103.3-2020mm (H1.04/W0.98/L4.07-79.53in)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Samsung
Beam angle	100° (Clear Cover) / 95° (Diffused Cover) / 14° (KKLN-01 Lens)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-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 _c max = 65°C) T _a = -13 to 140°F (T _c max = 149°F)
IP rating	IP54/IP67
Finish	Silver anodised
Cover/lens	Clear/Diffused/14° lens option
Mounting	Surface mounting via clips or brackets
Power feed	Sheathed hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

- s-line*** 2-step CCT range
- e-line*** 3-step CCT range

*KKDC tuned CCT range

Base Grade

- k-line** 3-step commercial range Energy Star CCTs

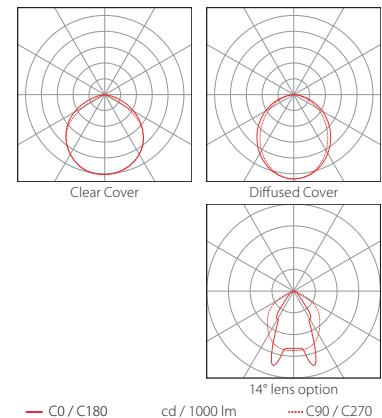
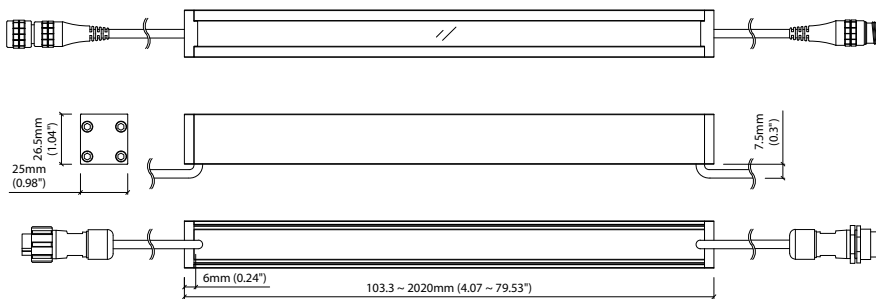
PERFORMANCE DATA @ 3000K

Power Consumption	Supply voltage	Supply current
5.5W/m (1.67W/ft)	24V DC	0.23A/m (0.07A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
k-line	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	Clear Cover	Diffused Cover	14° lens option	CRI	R9	Rf	Rg
s/e-line	420lm/m (127lm/ft) 74.9lm/W	260lm/m (80lm/ft) 48.4lm/W	180lm/m (55lm/ft) 32.7lm/W	93	62	-	-
k-line	410lm/m (125lm/ft) 73.8lm/W	260lm/m (79lm/ft) 47.7lm/W	180lm/m (55lm/ft) 32.7lm/W	92	60	-	-



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

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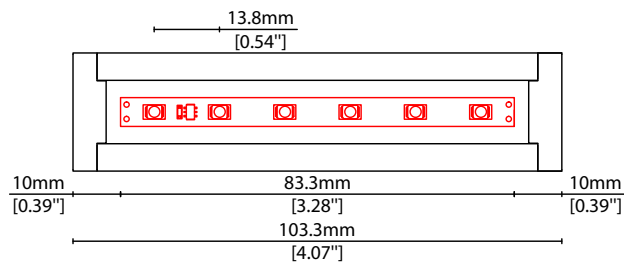
Length Availability List



Length Code		Fixture Length ¹		LED Strip		End Cap Dimension ²		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0103	i0004	103mm	4.07in	83mm	3.28in	10mm	0.39in	0.46	34	11-35
m0187	i0007	187mm	7.35in	167mm	6.56in	10mm	0.39in	0.92	68	21-70
m0270	i0011	270mm	10.63in	250mm	9.84in	10mm	0.39in	1.37	101	32-106
m0353	i0014	353mm	13.91in	333mm	13.12in	10mm	0.39in	1.83	135	42-141
m0437	i0017	437mm	17.19in	417mm	16.41in	10mm	0.39in	2.29	169	53-176
m0520	i0020	520mm	20.47in	500mm	19.69in	10mm	0.39in	2.75	203	64-211
m0603	i0024	603mm	23.76in	583mm	22.97in	10mm	0.39in	3.21	237	74-246
m0687	i0027	687mm	27.04in	667mm	26.25in	10mm	0.39in	3.67	271	85-281
m0770	i0030	770mm	30.32in	750mm	29.53in	10mm	0.39in	4.12	304	95-317
m0853	i0034	853mm	33.60in	833mm	32.81in	10mm	0.39in	4.58	338	106-352
m0937	i0037	937mm	36.88in	917mm	36.09in	10mm	0.39in	5.04	372	117-387
m1020	i0040	1020mm	40.16in	1000mm	39.37in	10mm	0.39in	5.50	406	127-422
m1103	i0043	1103mm	43.44in	1083mm	42.65in	10mm	0.39in	5.96	440	138-457
m1187	i0047	1187mm	46.72in	1167mm	45.94in	10mm	0.39in	6.42	474	148-492
m1270	i0050	1270mm	50.00in	1250mm	49.22in	10mm	0.39in	6.87	507	159-528
m1353	i0053	1353mm	53.29in	1333mm	52.50in	10mm	0.39in	7.33	541	170-563
m1437	i0057	1437mm	56.57in	1417mm	55.78in	10mm	0.39in	7.79	575	180-598
m1520	i0060	1520mm	59.85in	1500mm	59.06in	10mm	0.39in	8.25	609	191-633
m1603	i0063	1603mm	63.13in	1583mm	62.34in	10mm	0.39in	8.71	643	201-668
m1687	i0066	1687mm	66.41in	1667mm	65.62in	10mm	0.39in	9.17	676	212-704
m1770	i0070	1770mm	69.69in	1750mm	68.90in	10mm	0.39in	9.62	710	223-739
m1853	i0073	1853mm	72.97in	1833mm	72.18in	10mm	0.39in	10.08	744	233-774
m1937	i0076	1937mm	76.25in	1917mm	75.47in	10mm	0.39in	10.54	778	244-809
m2020	i0080	2020mm	79.53in	2000mm	78.75in	10mm	0.39in	11.00	812	254-844

¹ Length of fixture including aluminium extrusion and end clamps

² 0.20in (5mm) at each end

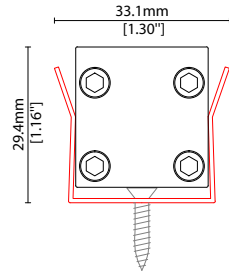


MOUNTING OPTIONS

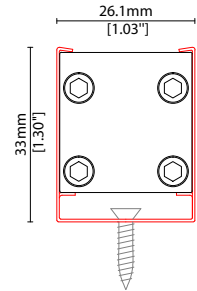
Note: Accessories are to be ordered separately with corresponding code shown below.



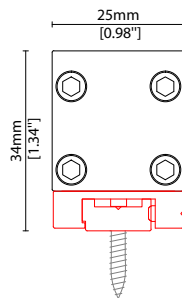
KKCP-03 (1no.)
KKCP-53 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



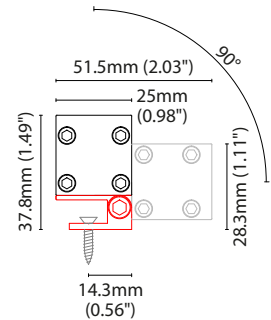
KKCP-09
Lock clip (allow 2 per metre/40in)
S/Steel finish



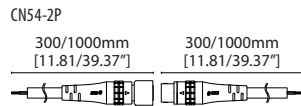
KKBK-07
Fixing plate (allow 2 per metre/40in)
Anodised aluminium finish
Pre-assembled in factory



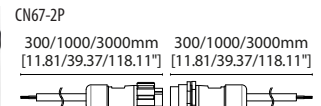
KKBK-21
Adjustable bracket (allow 2 per metre/40in)
Anodised aluminium finish
Pre-assembled in factory



CONNECTORS



CN54-2P-0300 300mm (11.81in) pair
CN54-2P-1000 1000mm (39.37in) pair
IP54
2 PIN male + female connector set



CN67-2P-0300 300mm (11.81in) pair
CN67-2P-1000 1000mm (39.37in) pair
CN67-2P-3000 3000mm (118.11in) pair
IP67
2 PIN male + female connector set

EXTERIOR JUNCTION BOXES



KKJB-07

IP67 Slim J-Box
(including type A,B,C, D bushings)



KKJB-07R

Potting resin for IP67 Slim J-Box

KKDC CONTROL



KKDM-05 1-10V

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKSC-03A DMX (screw terminal)

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKSC-03B DMX (RJ45)

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKDL-02 DALI

visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)

IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

Linear

MoMo 352 Accessories

KKDC

KKDC CONTROL (CONTINUED)



IP20
Plastic housing
L166/W53.4/H23mm
(L6.54/W2.10/H0.91in)

KKDL-03 DALI

visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	CEN-60-24	90-295V	24V	2.5A	60W	-	IP67
	HLG-60H-24	90-305V	24V	2.5A	60W	-	IP67
	HLG-100H-24	90-305V	24V	4.0A	100W	-	IP67
	HLG-150H-24	90-305V	24V	6.3A	150W	-	IP67
	HLG-240H-24	90-305V	24V	10A	240W	-	IP67
0-10V (1-10V)	PWM-40-24	90-305V	24V	1.67A	40W	100-0.15 (100-10)	IP67
	PWM-60-24	90-305V	24V	2.5A	60W	100-0.15 (100-10)	IP67
	PWM-90-24	90-305V	24V	3.67A	90W	100-0.15 (100-10)	IP67
	PWM-120-24	90-305V	24V	5.0A	120W	100-0.15 (100-10)	IP67
DALI	LIN100A1	120-277V	24V	1A per channel	100W	100-0.1	IP66/IP40
DMX RGB	LIN100A1	120-277V	24V	1.33A per channel	100W	100-0.1	IP66/IP40
DMX RGBW	LIN100A1	120-277A	24V	1A per channel	100W	100-0.1	IP66/IP40

Flicker Free Options - Combination of PSU+ sub-controller

Control Mode	PSU (Order Code)	Sub-controller (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating PSU/ Sub-controller
0-10V or 1-10V	CEN-60-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-05	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-05	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-05	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
DALI	HLG-60H-24	KKDL-02/03	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03	90-305V	24V	10.0A	240W	100-0.1	IP67/IP20
DMX RGB	CEN-60-24	KKSC-03	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-03	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-03	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-03	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-03	90-305V	24V	10.0A	240W	100-0.9	IP67/IP20

¹ The items shown above cover the most frequently used specification but does not exhaust the possible options

² PSU and/or driver can be chosen from the table, or KKDC may recommend the best option upon receipt of the controls requirement and installation environment

³ Electrical shop drawing will include detailed information of PSU and relevant control drivers

⁴ Cut sheets are available on the controls section of www.kkdc.lighting or upon request