

Linear

TiMi 007

Specification sheet



Dimension	H6.8/W9.5/L97.4-2014mm (H0.27/W0.37/L2.19-79.29in) (Double tail) H6.8/W9.5/L90.4-2007mm (H0.27/W0.37/L1.19-79.01in) (Single tail)
PCB increment	41.7mm increment/2000mm max (1.64in increment/78.74in max)
LED pitch	6.9mm - 144LED/m (0.27in - 44LED/ft)
Chip	s/e-line Toyoda Gosei k-line Samsung
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line 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 50°C (T _c max = 71.2°C) T _a = -13 to 122°F (T _c max = 160.2°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s s-line*	*KKDC tuned CCT range
e e-line*	2-step CCT range
k k-line*	3-step CCT range

Base Grade

k k-line	3-step commercial range Energy Star CCTs
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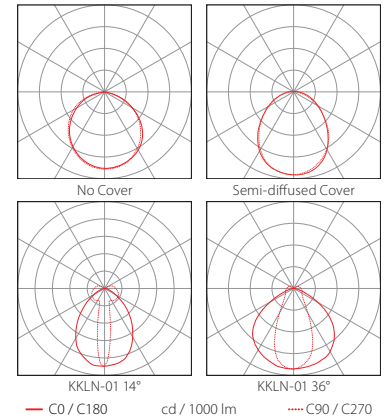
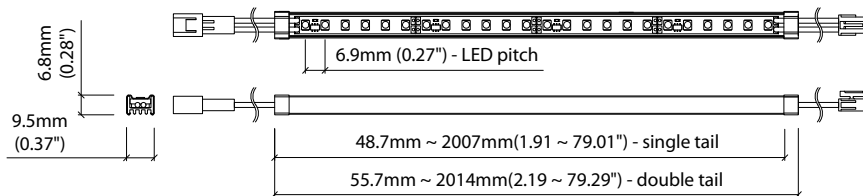
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
10.9W/m (3.32W/ft)	24V DC	0.45A/m (0.14A/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

	No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°	CRI	R9	Rf	Rg
s/e-line	950lm/m (291lm/ft) 87.3lm/W	810lm/m (247lm/ft) 74.1lm/W	870lm/m (265lm/ft) 79.8lm/W	870lm/m (265lm/ft) 79.8lm/W	93	63	91	100
k-line	940lm/m (287lm/ft) 86lm/W	800lm/m (244lm/ft) 73lm/W	860lm/m (262lm/ft) 78.6lm/W	860lm/m (262lm/ft) 78.6lm/W	92	60	90	100



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

Linear

TiMi 007

Length Availability List



Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0097	i0004	97mm	3.83in	83mm	3.28in	N/A	N/A	0.91	78	44-81
m0139	i0005	139mm	5.47in	125mm	4.92in	N/A	N/A	1.36	117	67-122
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	1.82	156	89-162
m0222	i0009	222mm	8.75in	208mm	8.20in	N/A	N/A	2.27	195	111-203
m0264	i0010	264mm	10.39in	250mm	9.84in	N/A	N/A	2.73	234	133-244
m0306	i0012	306mm	12.04in	292mm	11.48in	N/A	N/A	3.18	273	156-284
m0347	i0014	347mm	13.68in	333mm	13.12in	N/A	N/A	3.63	312	178-325
m0389	i0015	389mm	15.32in	375mm	14.76in	N/A	N/A	4.09	352	200-366
m0431	i0017	431mm	16.96in	417mm	16.41in	N/A	N/A	4.54	391	222-406
m0472	i0019	472mm	18.60in	458mm	18.05in	N/A	N/A	5.00	430	245-447
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	5.45	469	267-487
m0556	i0022	556mm	21.88in	542mm	21.33in	N/A	N/A	5.90	508	289-528
m0597	i0024	597mm	23.52in	583mm	22.97in	N/A	N/A	6.36	547	311-569
m0639	i0025	639mm	25.16in	625mm	24.61in	N/A	N/A	6.81	586	334-609
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	7.27	625	356-650
m0722	i0028	722mm	28.44in	708mm	27.89in	N/A	N/A	7.72	664	378-691
m0764	i0030	764mm	30.08in	750mm	29.53in	N/A	N/A	8.18	703	400-731
m0806	i0032	806mm	31.72in	792mm	31.17in	N/A	N/A	8.63	742	422-772
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	9.08	781	445-812
m0889	i0035	889mm	35.00in	875mm	34.45in	N/A	N/A	9.54	820	467-853
m0931	i0037	931mm	36.64in	917mm	36.09in	N/A	N/A	9.99	859	489-894
m0972	i0038	972mm	38.28in	958mm	37.73in	N/A	N/A	10.45	898	511-934
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	10.90	937	534-975
m1056	i0042	1056mm	41.56in	1042mm	41.01in	N/A	N/A	11.35	976	556-1016
m1097	i0043	1097mm	43.21in	1083mm	42.65in	N/A	N/A	11.81	1016	578-1056
m1139	i0045	1139mm	44.85in	1125mm	44.29in	N/A	N/A	12.26	1055	600-1097
m1181	i0046	1181mm	46.49in	1167mm	45.94in	N/A	N/A	12.72	1094	623-1137
m1222	i0048	1222mm	48.13in	1208mm	47.58in	N/A	N/A	13.17	1133	645-1178
m1264	i0050	1264mm	49.77in	1250mm	49.22in	N/A	N/A	13.63	1172	667-1219
m1306	i0051	1306mm	51.41in	1292mm	50.86in	N/A	N/A	14.08	1211	689-1259
m1347	i0053	1347mm	53.05in	1333mm	52.50in	N/A	N/A	14.53	1250	712-1300
m1389	i0055	1389mm	54.69in	1375mm	54.14in	N/A	N/A	14.99	1289	734-1340
m1431	i0056	1431mm	56.33in	1417mm	55.78in	N/A	N/A	15.44	1328	756-1381
m1472	i0058	1472mm	57.97in	1458mm	57.42in	N/A	N/A	15.90	1367	778-1422
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	16.35	1406	801-1462
m1556	i0061	1556mm	61.25in	1542mm	60.70in	N/A	N/A	16.80	1445	823-1503
m1597	i0063	1597mm	62.89in	1583mm	62.34in	N/A	N/A	17.26	1484	845-1544
m1639	i0065	1639mm	64.53in	1625mm	63.98in	N/A	N/A	17.71	1523	867-1584
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	18.17	1562	889-1625
m1722	i0068	1722mm	67.81in	1708mm	67.26in	N/A	N/A	18.62	1601	912-1665
m1764	i0069	1764mm	69.45in	1750mm	68.90in	N/A	N/A	19.08	1640	934-1706
m1806	i0071	1806mm	71.09in	1792mm	70.54in	N/A	N/A	19.53	1680	956-1747
m1847	i0073	1847mm	72.74in	1833mm	72.18in	N/A	N/A	19.98	1719	978-1787

TiMi 007

Length Availability List

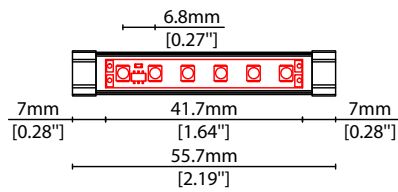


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m1889	i0074	1889mm	74.38in	1875mm	73.82in	N/A	N/A	20.44	1758	1001-1828
m1931	i0076	1931mm	76.02in	1917mm	75.47in	N/A	N/A	20.89	1797	1023-1869
m1972	i0078	1972mm	77.66in	1958mm	77.11in	N/A	N/A	21.35	1836	1045-1909
m2014	i0079	2014mm	79.30in	2000mm	78.75in	N/A	N/A	21.80	1875	1067-1950

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

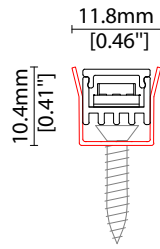


MOUNTING OPTIONS

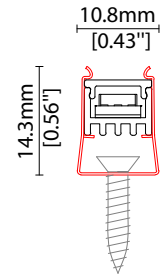
Note: Accessories are to be ordered separately with corresponding code shown below.



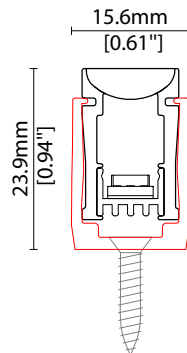
KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



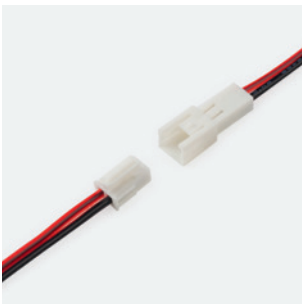
KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish



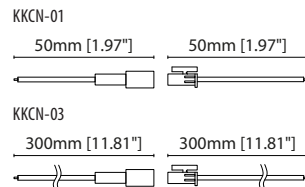
KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per metre/40in)
Clear polycarbonate finish



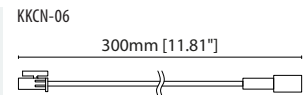
POWER FEED



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension lead



KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

Linear

TiMi 207

Specification sheet



Dimension	H6.8/W9.5/L97.3-2014mm (H0.27/W0.37/L3.83-79.29in) (Double tail) H6.8/W9.5/L90.3-2007mm (H0.27/W0.37/L3.56-79.01in) (Single tail)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72 LED/m (0.55in - 22LED/ft) between same colored LEDs
Chip	s-line Toyoda Gosei k-line Samsung
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	s-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2.5-step MacAdam ellipse 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 = 76.5°C) T _a = -13 to 122°F (T _c max = 169.7°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s-line*	*KKDC tuned CCT range
2.5-step CCT range	CCT range

Base Grade

k-line	3-step commercial range
	Energy Star CCTs

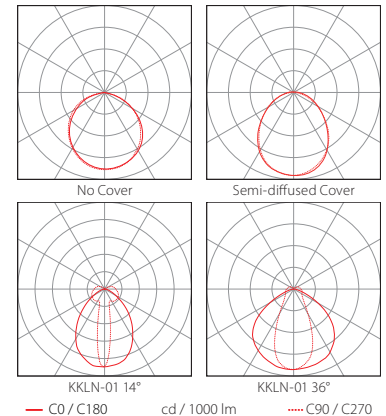
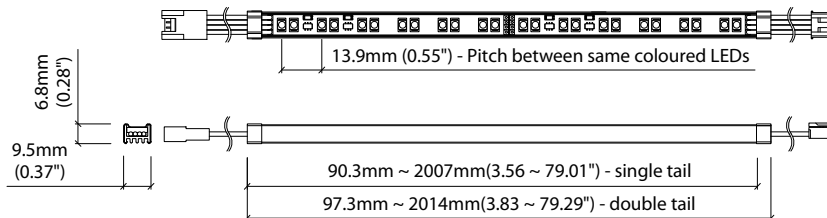
PERFORMANCE DATA @2100K + 5000K

Power consumption	Supply voltage	Supply current
11W/m (3.35W/ft)	24V DC	0.46A/m (0.14A/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

	No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°	CRI	R9	Rf	Rg
s-line	903lm/m (275lm/ft) 81.8lm/W	761lm/m (232lm/ft) 69.4lm/W	822lm/m (250lm/ft) 74.8lm/W	822lm/m (250lm/ft) 74.8lm/W	92	60	-	-
k-line	890lm/m (271lm/ft) 80.6lm/W	750lm/m (229lm/ft) 68.4lm/W	810lm/m (247lm/ft) 73.7lm/W	810lm/m (247lm/ft) 73.7lm/W	92	60		



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

TiMi 207

Length Availability List

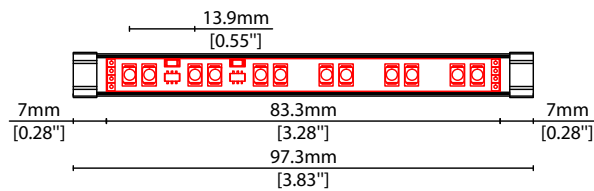


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		MIX (Test Data)
m0097	i0004	97mm	3.83in	83mm	3.28in	N/A	N/A	0.92	74
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	1.83	148
m0264	i0010	264mm	10.39in	250mm	9.84in	N/A	N/A	2.75	222
m0347	i0014	347mm	13.68in	333mm	13.12in	N/A	N/A	3.67	296
m0431	i0017	431mm	16.96in	417mm	16.41in	N/A	N/A	4.58	369
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	5.50	443
m0597	i0024	597mm	23.52in	583mm	22.97in	N/A	N/A	6.42	517
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	7.33	591
m0764	i0030	764mm	30.08in	750mm	29.53in	N/A	N/A	8.25	665
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	9.17	739
m0931	i0037	931mm	36.64in	917mm	36.09in	N/A	N/A	10.08	813
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	11.00	887
m1097	i0043	1097mm	43.21in	1083mm	42.65in	N/A	N/A	11.92	960
m1181	i0046	1181mm	46.49in	1167mm	45.94in	N/A	N/A	12.83	1034
m1264	i0050	1264mm	49.77in	1250mm	49.22in	N/A	N/A	13.75	1108
m1347	i0053	1347mm	53.05in	1333mm	52.50in	N/A	N/A	14.67	1182
m1431	i0056	1431mm	56.33in	1417mm	55.78in	N/A	N/A	15.58	1256
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	16.50	1330
m1597	i0063	1597mm	62.89in	1583mm	62.34in	N/A	N/A	17.42	1404
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	18.33	1478
m1764	i0069	1764mm	69.45in	1750mm	68.90in	N/A	N/A	19.25	1552
m1847	i0073	1847mm	72.74in	1833mm	72.18in	N/A	N/A	20.17	1625
m1931	i0076	1931mm	76.02in	1917mm	75.47in	N/A	N/A	21.08	1699
m2014	i0079	2014mm	79.30in	2000mm	78.75in	N/A	N/A	22.00	1773

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

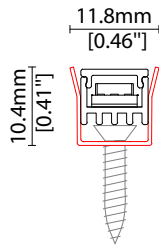


MOUNTING OPTIONS

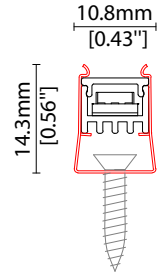
Note: Accessories are to be ordered separately with corresponding code shown below.



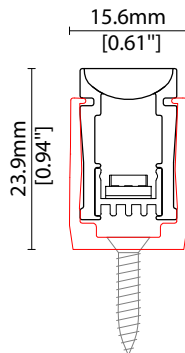
KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



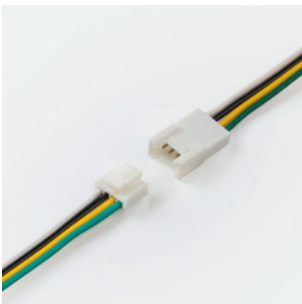
KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish



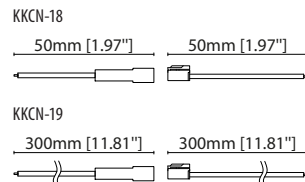
KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per
metre/40in)
Clear polycarbonate finish



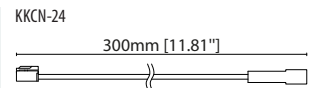
POWER FEED



KKCN-18 50mm (1.97in) pair
KKCN-19 300mm (11.81in) pair
4 PIN LEDmix male + female
connector set



KKCN-24
4 PIN LEDmix 300mm (11.81in)
extension lead



KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

Linear

TiMi 208

Specification sheet



Dimension	H6.8/W9.5/L180.7-2014mm (H0.27/W0.37/L7.11-79.29in) (Double tail) H6.8/W9.5/L173.7-2007mm (H0.27/W0.37/L6.84-79.01in) (Single tail)
PCB increment	166.7mm increment/2000mm max (6.56in increment/78.74in max)
LED pitch	23.8mm - 42LED/m (0.94in - 13LED/ft) between same coloured LEDs
Chip	s-line Toyoda Gosei k-line Samsung
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	s-line 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2.5-step MacAdam ellipse 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 50°C (T _c max = 79.1 °C) T _a = -13 to 122°F (T _c max = 174.4°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s-line*	*KKDC tuned CCT range
2.5-step CCT range	CCT range

Base Grade

k-line	3-step commercial range
	Energy Star CCTs

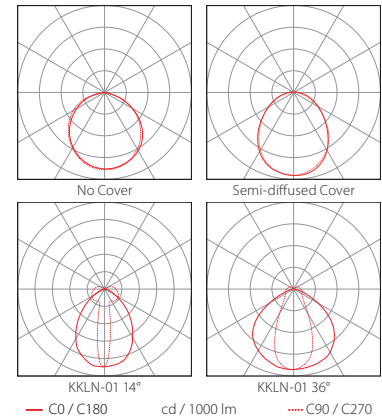
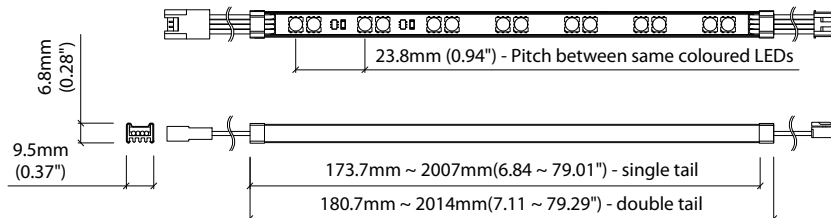
PERFORMANCE DATA @2100K + 5000K

Power consumption	Supply voltage	Supply current
15.6W/m (4.75W/ft)	24V DC	0.65A/m (0.20A/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

	No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°	CRI	R9	Rf	Rg
s-line	1510lm/m (460lm/ft) 96.8lm/W	1270lm/m (387lm/ft) 81.1lm/W	1420lm/m (433lm/ft) 91.2lm/W	1410lm/m (430lm/ft) 90.5lm/W	94	75	-	-
k-line	1400lm/m (427lm/ft) 89.7lm/W	1190lm/m (363lm/ft) 76.2lm/W	1280lm/m (390lm/ft) 82.0lm/W	1280lm/m (390lm/ft) 82.0lm/W	92	60	-	-



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

TiMi 208

Length Availability List

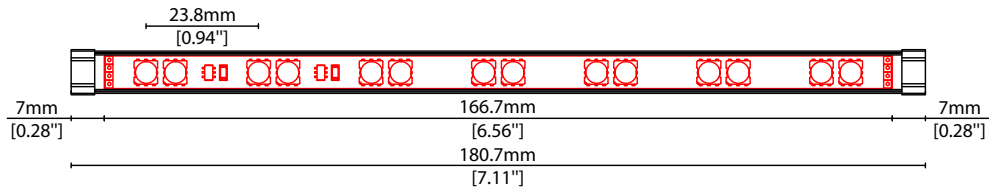


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		MIX (Test Data)
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	2.60	252
m0347	i0014	347mm	13.67in	333mm	13.12in	N/A	N/A	5.20	503
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	7.80	755
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	10.40	1007
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	13.00	1258
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	15.60	1510
m1181	i0046	1181mm	46.48in	1167mm	45.93in	N/A	N/A	18.20	1762
m1347	i0053	1347mm	53.05in	1333mm	52.49in	N/A	N/A	20.80	2013
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	23.40	2265
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	26.00	2517
m1847	i0073	1847mm	72.73in	1833mm	72.18in	N/A <td N/A	28.60	2768	
m2014	i0079	2014mm	79.29in	2000mm	78.74in	N/A	N/A	31.20	3020

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

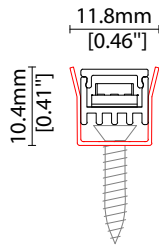


MOUNTING OPTIONS

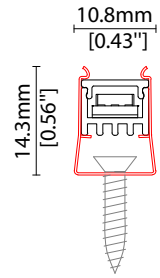
Note: Accessories are to be ordered separately with corresponding code shown below.



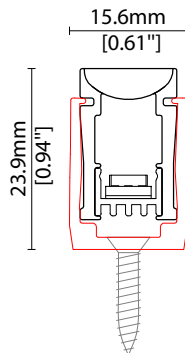
KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



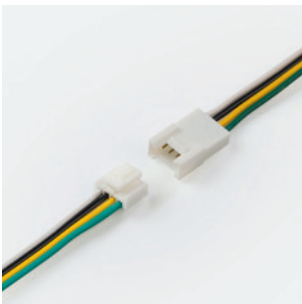
KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish



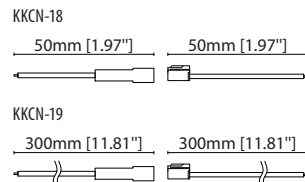
KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per
metre/40in)
Clear polycarbonate finish



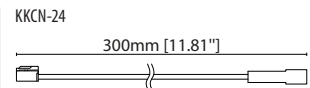
POWER FEED



KKCN-18 50mm (1.97in) pair
KKCN-19 300mm (11.81in) pair
4 PIN LEDmix male + female
connector set



KKCN-24
4 PIN LEDmix 300mm (11.81in)
extension lead



KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

Linear

TiMi 352

Specification sheet



Dimension	H6.8/W9.5/L97.3-2014mm (H0.27/W0.37/L3.83-79.29in) (Double tail) H6.8/W9.5/L90.3-2007mm (H0.27/W0.37/L3.56-79.01in) (Single tail)
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	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line 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 = 75°C) T _a = -13 to 140°F (T _c max = 167°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

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

Base Grade

k-line	3-step commercial range Energy Star CCTs
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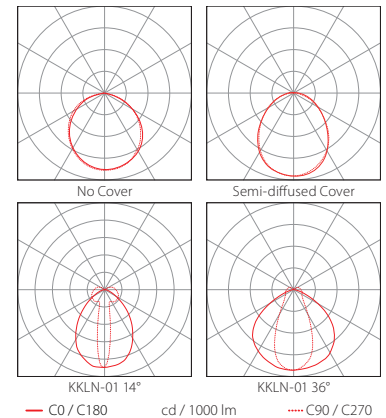
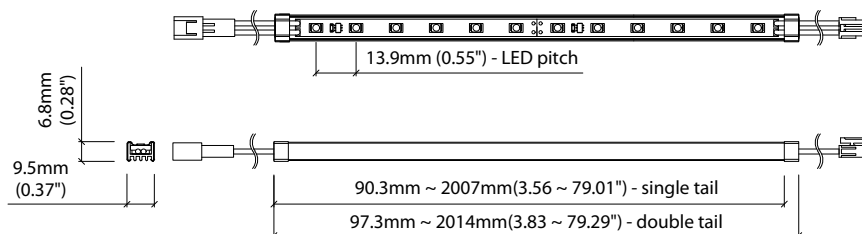
PERFORMANCE DATA @ 3000K

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

	No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°	CRI	R9	Rf	Rg
s/e-line	510lm/m (154lm/ft) 93.2lm/W	440lm/m (133lm/ft) 79.2lm/W	470lm/m (142lm/ft) 85.2lm/W	470lm/m (142lm/ft) 85.2lm/W	93	63	91	100
k-line	500lm/m (152lm/ft) 91.8lm/W	430lm/m (131lm/ft) 78lm/W	460lm/m (140lm/ft) 83.9lm/W	460lm/m (140lm/ft) 83.9lm/W	92	60	90	100



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

TiMi 352

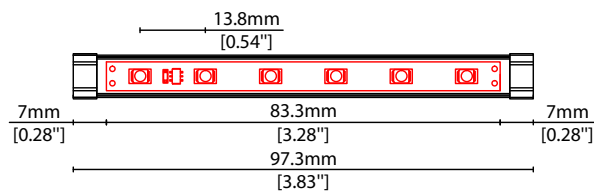
Length Availability List

Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0097	i0004	97mm	3.83in	83mm	3.28in	N/A	N/A	0.46	42	23-44
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	0.92	84	46-88
m0264	i0010	264mm	10.39in	250mm	9.84in	N/A	N/A	1.37	126	69-131
m0347	i0014	347mm	13.68in	333mm	13.12in	N/A	N/A	1.83	168	92-175
m0431	i0017	431mm	16.96in	417mm	16.41in	N/A	N/A	2.29	210	115-219
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	2.75	252	139-263
m0597	i0024	597mm	23.52in	583mm	22.97in	N/A	N/A	3.21	295	162-306
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	3.67	337	185-350
m0764	i0030	764mm	30.08in	750mm	29.53in	N/A	N/A	4.12	379	208-394
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	4.58	421	231-438
m0931	i0037	931mm	36.64in	917mm	36.09in	N/A	N/A	5.04	463	254-481
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	5.50	505	277-525
m1097	i0043	1097mm	43.21in	1083mm	42.65in	N/A	N/A	5.96	547	300-569
m1181	i0046	1181mm	46.49in	1167mm	45.94in	N/A	N/A	6.42	589	323-613
m1264	i0050	1264mm	49.77in	1250mm	49.22in	N/A	N/A	6.87	631	346-656
m1347	i0053	1347mm	53.05in	1333mm	52.50in	N/A	N/A	7.33	673	370-700
m1431	i0056	1431mm	56.33in	1417mm	55.78in	N/A	N/A	7.79	715	393-744
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	8.25	757	416-788
m1597	i0063	1597mm	62.89in	1583mm	62.34in	N/A	N/A	8.71	799	439-831
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	9.17	841	462-875
m1764	i0069	1764mm	69.45in	1750mm	68.90in	N/A	N/A	9.62	884	485-919
m1847	i0073	1847mm	72.74in	1833mm	72.18in	N/A	N/A	10.08	926	508-963
m1931	i0076	1931mm	76.02in	1917mm	75.47in	N/A	N/A	10.54	968	531-1006
m2014	i0079	2014mm	79.30in	2000mm	78.75in	N/A	N/A	11.00	1010	554-1050

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

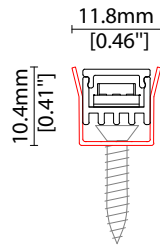


MOUNTING OPTIONS

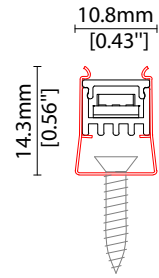
Note: Accessories are to be ordered separately with corresponding code shown below.



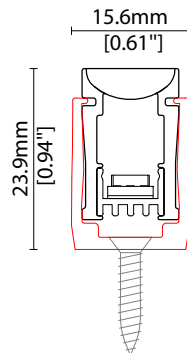
KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



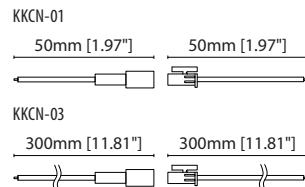
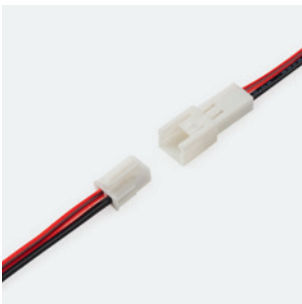
KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish



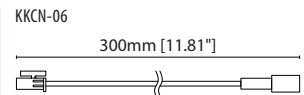
KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per
metre/40in)
Clear polycarbonate finish



POWER FEED



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension
lead

KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

Linear

TiMi 508

Specification sheet



Dimension	H6.8/W9.5/L85.4-2014mm (H0.27/W0.37/L3.36-79.29in) (Double tail) H6.8/W9.5/L78.4-2007mm (H0.27/W0.37/L3.08-79.01in) (Single tail)
PCB increment	71.4mm increment/2000mm max (2.81in increment/78.74in max)
LED pitch	11.9mm - 84LED/m (0.47in - 26LED/ft)
Chip	n/s/e-line Toyoda Gosei k-line Samsung
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	n-line 2700K/3000K s/e-line 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse n/e/k-line 3-step MacAdam ellipse
CRI	≥ 90 (n-line ≥ 95)
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 35°C (T _c max = 65°C) T _a = -13 to 95°F (T _c max = 147.2°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI (see visDIM range)



LED Grading Key

Exclusive Grade

- n-line*** Full visible spectrum
NO UV or IR 380nm-780nm
3-step CCT range *KKDC tuned CCT range
- s-line*** 2-step CCT range
- e-line*** 3-step CCT range

Base Grade

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

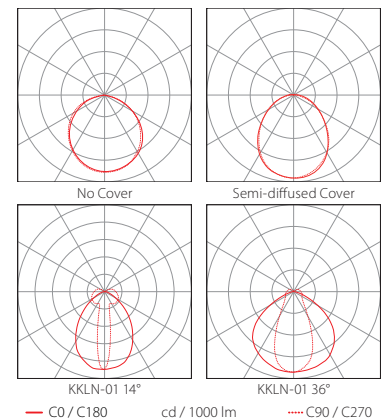
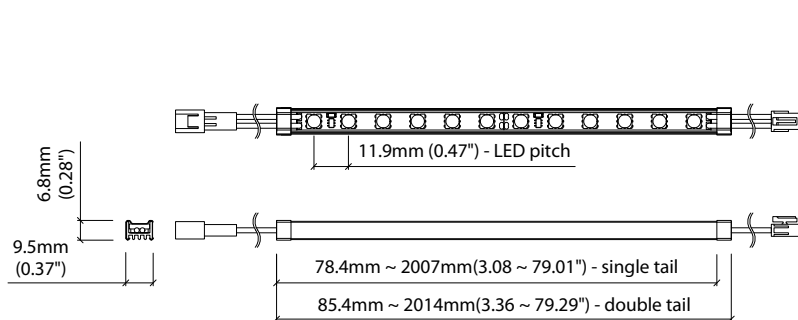
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
17.5W/m (5.33W/ft)	24V DC	0.73A/m (0.22A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
n-line	99	99	98	97	99	97	94	90	78	98	97	92	99	98
k-line	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°	CRI	R9	Rf	Rg
n-line	1160lm/m (354lm/ft) 66.1lm/W	970lm/m (296lm/ft) 55.4lm/W	1090lm/m (332lm/ft) 62.3lm/W	1080lm/m (329lm/ft) 61.8lm/W	97	78	94	101
s/e-line	1720lm/m (524lm/ft) 98lm/W	1450lm/m (442lm/ft) 83lm/W	1620lm/m (494lm/ft) 92.4lm/W	1600lm/m (488lm/ft) 91.7lm/W	92	50	88	97
k-line	1530lm/m (466lm/ft) 87.6lm/W	1300lm/m (396lm/ft) 74.4lm/W	1400lm/m (427lm/ft) 80.1lm/W	1400lm/m (427lm/ft) 80.1lm/W	92	60	90	100



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

TiMi 508

Length Availability List

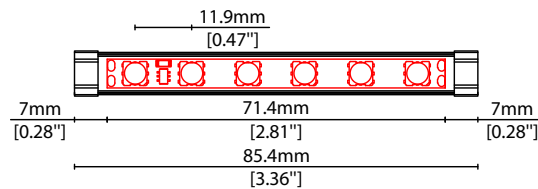


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0085	i0003	85mm	3.36in	71mm	2.81in	N/A	N/A	1.25	123	74-127
m0157	i0006	157mm	6.18in	143mm	5.62in	N/A	N/A	2.50	245	149-255
m0228	i0009	228mm	8.99in	214mm	8.44in	N/A	N/A	3.75	368	223-382
m0300	i0012	300mm	11.80in	286mm	11.25in	N/A	N/A	5.00	490	298-510
m0371	i0015	371mm	14.61in	357mm	14.06in	N/A	N/A	6.25	613	372-637
m0442	i0017	443mm	17.42in	429mm	16.87in	N/A	N/A	7.50	735	446-764
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	8.75	858	521-892
m0585	i0023	585mm	23.05in	571mm	22.50in	N/A	N/A	10.00	980	595-1019
m0657	i0026	657mm	25.86in	643mm	25.31in	N/A	N/A	11.25	1103	670-1147
m0728	i0029	728mm	28.67in	714mm	28.12in	N/A	N/A	12.50	1225	744-1274
m0800	i0031	800mm	31.49in	786mm	30.93in	N/A	N/A	13.75	1348	818-1401
m0871	i0034	871mm	34.30in	857mm	33.75in	N/A	N/A	15.00	1470	893-1529
m0942	i0037	943mm	37.11in	929mm	36.56in	N/A	N/A	16.25	1593	967-1656
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	17.50	1715	1042-1784
m1085	i0043	1085mm	42.73in	1071mm	42.18in	N/A	N/A	18.75	1838	1116-1911
m1157	i0046	1157mm	45.55in	1143mm	45.00in	N/A	N/A	20.00	1960	1190-2038
m1228	i0048	1228mm	48.36in	1214mm	47.81in	N/A	N/A	21.25	2083	1265-2166
m1300	i0051	1300mm	51.17in	1286mm	50.62in	N/A	N/A	22.50	2205	1339-2293
m1371	i0054	1371mm	53.98in	1357mm	53.43in	N/A	N/A	23.75	2328	1414-2421
m1442	i0057	1443mm	56.80in	1429mm	56.24in	N/A	N/A	25.00	2450	1488-2548
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	26.25	2573	1562-2675
m1585	i0062	1585mm	62.42in	1571mm	61.87in	N/A	N/A	27.50	2695	1637-2803
m1657	i0065	1657mm	65.23in	1643mm	64.68in	N/A	N/A	28.75	2818	1711-2930
m1728	i0068	1728mm	68.04in	1714mm	67.49in	N/A	N/A	30.00	2940	1786-3058
m1800	i0071	1800mm	70.86in	1786mm	70.31in	N/A	N/A	31.25	3063	1860-3185
m1871	i0074	1871mm	73.67in	1857mm	73.12in	N/A	N/A	32.50	3185	1934-3312
m1942	i0076	1943mm	76.48in	1929mm	75.93in	N/A	N/A	33.75	3308	2009-3440
m2014	i0079	2014mm	79.29in	2000mm	78.74in	N/A	N/A	35.00	3430	2083-3567

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

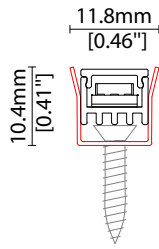


MOUNTING OPTIONS

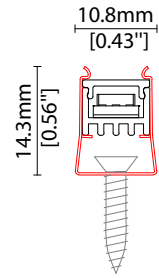
Note: Accessories are to be ordered separately with corresponding code shown below.



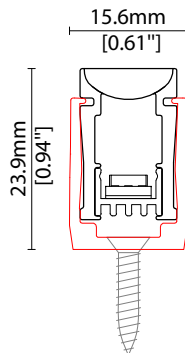
KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



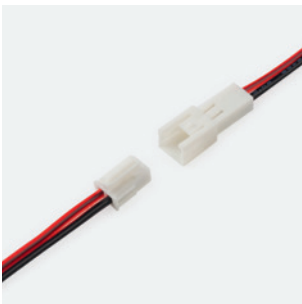
KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish



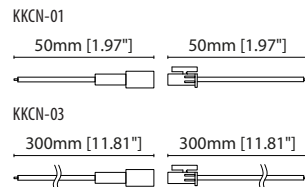
KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per
metre/40in)
Clear polycarbonate finish



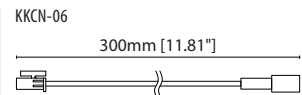
POWER FEED



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension
lead



Linear

TiMi 508 Accessories

KKDC

KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

Linear

TiMi RGB

Specification sheet



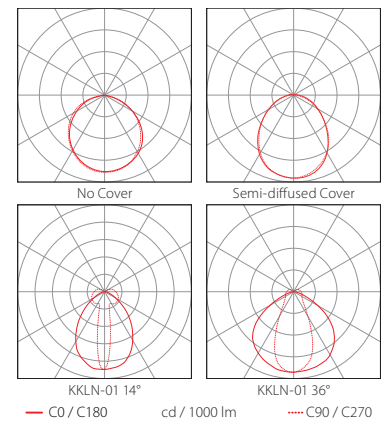
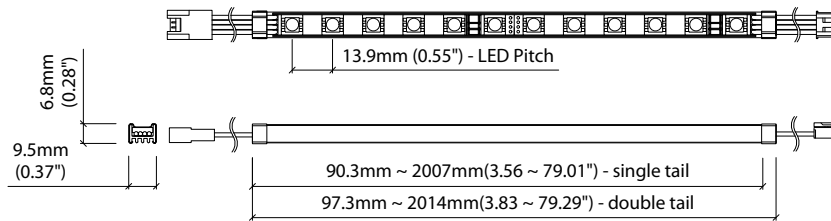
Dimension	H6.8/W9.5/L97.3-2014mm (H0.27/W0.37/L3.83-79.29in) (Double tail) H6.8/W9.5/L90.3-2007mm (H0.27/W0.37/L3.56-79.01in) (Single tail)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	Red TEKCORE/Green EPILEDS/Blue 3E
Beam angle	120° (No Cover) / 100° (Semi-diffused Cover) / 14° or 36° (KKLN-01 Lens)
Colours	Red 620-625nm/Blue 455-460nm/Green 520-525nm
Bin/Step	5nm tolerance
CRI	N/A
Lifetime	30,000 hours @ 25°C (30,000 hours @ 77°F)
Operating temp	T _a = -25 to 50°C (T _c max = 80°C) T _a = -13 to 122°F (T _c max = 176°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	No Cover/Semi-diffused/14°/36° lens accessory
Mounting	Surface mounting via clips
Power feed	Hardwire tails or male/female connectors
Control	DMX/DALI



PERFORMANCE DATA

Power consumption	Supply voltage	Supply current
15.6W/m (4.75W/ft)	24V DC	0.65A/m (0.20A/ft)

No Cover	Semi-diffused	KKLN-01 14°	KKLN-01 36°
Red: 150lm/m (46lm/ft) Green: 320lm/m (98lm/ft) Blue: 50lm/m (15lm/ft) White: 460lm/m (140lm/ft)	Red: 120lm/m (37lm/ft) Green: 270lm/m (82lm/ft) Blue: 40lm/m (12lm/ft) White: 390lm/m (119lm/ft)	Red: 140lm/m (43lm/ft) Green: 300lm/m (91lm/ft) Blue: 50lm/m (15lm/ft) White: 440lm/m (140lm/ft)	Red: 140lm/m (43lm/ft) Green: 300lm/m (91lm/ft) Blue: 50lm/m (15lm/ft) White: 430lm/m (131lm/ft)



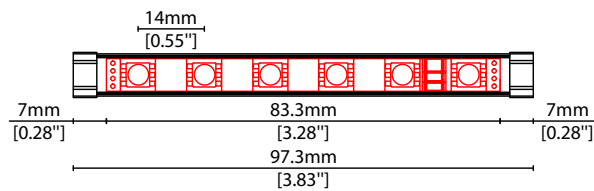
Data derived from production samples tested to UKAS/IESNA LM-79-08 standards.

Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)			
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		R	G	B	W
m0097	i0004	97mm	3.83in	83mm	3.28in	N/A	N/A	1.30	13	27	4	38
m0181	i0007	181mm	7.11in	167mm	6.56in	N/A	N/A	2.60	25	53	8	77
m0264	i0010	264mm	10.39in	250mm	9.84in	N/A	N/A	3.90	38	80	13	115
m0347	i0014	347mm	13.68in	333mm	13.12in	N/A	N/A	5.20	50	107	17	153
m0431	i0017	431mm	16.96in	417mm	16.41in	N/A	N/A	6.50	63	133	21	192
m0514	i0020	514mm	20.24in	500mm	19.69in	N/A	N/A	7.80	75	160	25	230
m0597	i0024	597mm	23.52in	583mm	22.97in	N/A	N/A	9.10	88	187	29	268
m0681	i0027	681mm	26.80in	667mm	26.25in	N/A	N/A	10.40	100	213	33	307
m0764	i0030	764mm	30.08in	750mm	29.53in	N/A	N/A	11.70	113	240	38	345
m0847	i0033	847mm	33.36in	833mm	32.81in	N/A	N/A	13.00	125	267	42	383
m0931	i0037	931mm	36.64in	917mm	36.09in	N/A	N/A	14.30	138	293	46	422
m1014	i0040	1014mm	39.92in	1000mm	39.37in	N/A	N/A	15.60	150	320	50	460
m1097	i0043	1097mm	43.21in	1083mm	42.65in	N/A	N/A	16.90	163	347	54	498
m1181	i0046	1181mm	46.49in	1167mm	45.94in	N/A	N/A	18.20	175	373	58	537
m1264	i0050	1264mm	49.77in	1250mm	49.22in	N/A	N/A	19.50	188	400	63	575
m1347	i0053	1347mm	53.05in	1333mm	52.50in	N/A	N/A	20.80	200	427	67	613
m1431	i0056	1431mm	56.33in	1417mm	55.78in	N/A	N/A	22.10	213	453	71	652
m1514	i0060	1514mm	59.61in	1500mm	59.06in	N/A	N/A	23.40	225	480	75	690
m1597	i0063	1597mm	62.89in	1583mm	62.34in	N/A	N/A	24.70	238	507	79	728
m1681	i0066	1681mm	66.17in	1667mm	65.62in	N/A	N/A	26.00	250	533	83	767
m1764	i0069	1764mm	69.45in	1750mm	68.90in	N/A	N/A	27.30	263	560	88	805
m1847	i0073	1847mm	72.74in	1833mm	72.18in	N/A	N/A	28.60	275	587	92	843
m1931	i0076	1931mm	76.02in	1917mm	75.47in	N/A	N/A	29.90	288	613	96	882
m2014	i0079	2014mm	79.30in	2000mm	78.75in	N/A	N/A	31.20	300	640	100	920

¹ Length of fixture including aluminium extrusion and end clamps

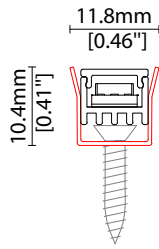
² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space

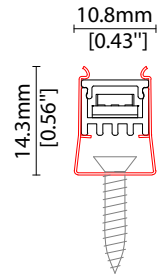


MOUNTING OPTIONS

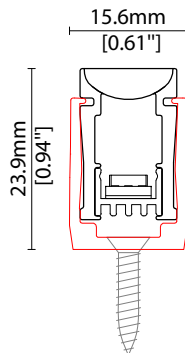
Note: Accessories are to be ordered separately with corresponding code shown below.



KKCP-01 (1no.)
KKCP-51 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish

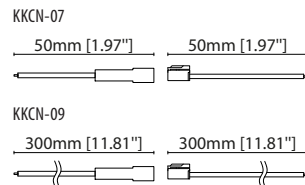
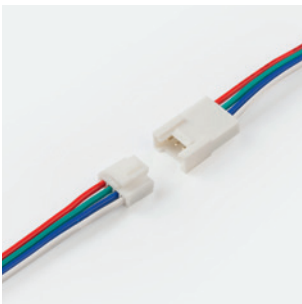


KKCP-13
Lock clip (allow 2 per metre/40in)
S/Steel finish

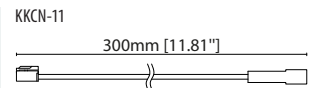


KKCP-05 (1no.)
KKCP-55 (500no.)
For use with KKLN-01 lens only
Lens lock clip (allow 3 per
metre/40in)
Clear polycarbonate finish

POWER FEED



KKCN-07 50mm (1.97in) pair
KKCN-09 300mm (11.81in) pair
4 PIN RGB male + female
connector set



KKCN-11
4 PIN RGB 300mm (11.81in)
extension lead

KKDC CONTROL



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

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

KKDL-02 DALI
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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

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