

Linear

LiNi-S 007

Specification sheet



Dimension	H31/W15.6/L97.4-2014mm (H1.22/W0.61/L3.83-79.29in)
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	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
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 41°C (T _c max = 58.9°C) T _a = -13 to 105.8°F (T _c max = 138°F)
IP rating	IP40
Finish	Silver anodised
Cover/lens	Clear/Diffused/Prismatic
Mounting	Surface mounting via concealed 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
- e-line*** 3-step CCT range

*KKDC tuned CCT range

Base Grade

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

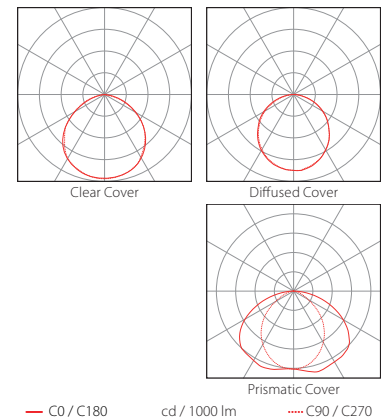
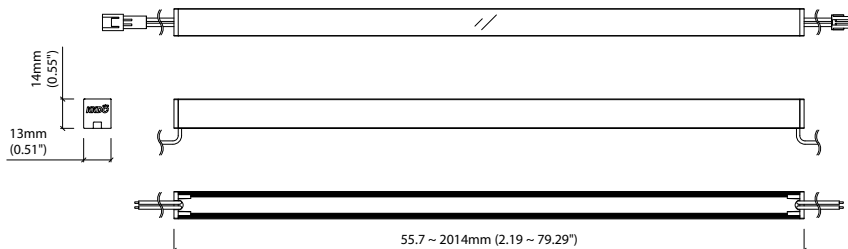
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
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

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
s/e-line	830lm/m (253lm/ft) 76.7lm/W	600lm/m (182lm/ft) 55.1lm/W	620lm/m (188lm/ft) 56.8lm/W	93	63	-	-
k-line	820lm/m (250lm/ft) 75.6lm/W	590lm/m (180lm/ft) 54.3lm/W	610lm/m (186lm/ft) 56lm/W	92	60	-	-



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

LiNi-S 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
m0056	i0002	56mm	2.19in	42mm	1.64in	14mm	0.55in	0.45	34	17-36
m0097	i0004	97mm	3.83in	83mm	3.28in	14mm	0.55in	0.91	69	34-71
m0139	i0005	139mm	5.47in	125mm	4.92in	14mm	0.55in	1.36	103	50-107
m0181	i0007	181mm	7.11in	167mm	6.56in	14mm	0.55in	1.82	137	67-143
m0222	i0009	222mm	8.75in	208mm	8.20in	14mm	0.55in	2.27	172	84-179
m0264	i0010	264mm	10.39in	250mm	9.84in	14mm	0.55in	2.73	206	101-214
m0306	i0012	306mm	12.04in	292mm	11.48in	14mm	0.55in	3.18	240	118-250
m0347	i0014	347mm	13.68in	333mm	13.12in	14mm	0.55in	3.63	275	134-286
m0389	i0015	389mm	15.32in	375mm	14.76in	14mm	0.55in	4.09	309	151-321
m0431	i0017	431mm	16.96in	417mm	16.41in	14mm	0.55in	4.54	343	168-357
m0472	i0019	472mm	18.60in	458mm	18.05in	14mm	0.55in	5.00	378	185-393
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	5.45	412	201-429
m0556	i0022	556mm	21.88in	542mm	21.33in	14mm	0.55in	5.90	446	218-464
m0597	i0024	597mm	23.52in	583mm	22.97in	14mm	0.55in	6.36	481	235-500
m0639	i0025	639mm	25.16in	625mm	24.61in	14mm	0.55in	6.81	515	252-536
m0681	i0027	681mm	26.80in	667mm	26.25in	14mm	0.55in	7.27	549	269-571
m0722	i0028	722mm	28.44in	708mm	27.89in	14mm	0.55in	7.72	584	285-607
m0764	i0030	764mm	30.08in	750mm	29.53in	14mm	0.55in	8.18	618	302-643
m0806	i0032	806mm	31.72in	792mm	31.17in	14mm	0.55in	8.63	652	319-678
m0847	i0033	847mm	33.36in	833mm	32.81in	14mm	0.55in	9.08	687	336-714
m0889	i0035	889mm	35.00in	875mm	34.45in	14mm	0.55in	9.54	721	353-750
m0931	i0037	931mm	36.64in	917mm	36.09in	14mm	0.55in	9.99	755	369-786
m0972	i0038	972mm	38.28in	958mm	37.73in	14mm	0.55in	10.45	790	386-821
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	10.90	824	403-857
m1056	i0042	1056mm	41.56in	1042mm	41.01in	14mm	0.55in	11.35	858	420-893
m1097	i0043	1097mm	43.21in	1083mm	42.65in	14mm	0.55in	11.81	893	436-928
m1139	i0045	1139mm	44.85in	1125mm	44.29in	14mm	0.55in	12.26	927	453-964
m1181	i0046	1181mm	46.49in	1167mm	45.94in	14mm	0.55in	12.72	961	470-1000
m1222	i0048	1222mm	48.13in	1208mm	47.58in	14mm	0.55in	13.17	996	487-1036
m1264	i0050	1264mm	49.77in	1250mm	49.22in	14mm	0.55in	13.63	1030	504-1071
m1306	i0051	1306mm	51.41in	1292mm	50.86in	14mm	0.55in	14.08	1064	520-1107
m1347	i0053	1347mm	53.05in	1333mm	52.50in	14mm	0.55in	14.53	1099	537-1143
m1389	i0055	1389mm	54.69in	1375mm	54.14in	14mm	0.55in	14.99	1133	554-1178
m1431	i0056	1431mm	56.33in	1417mm	55.78in	14mm	0.55in	15.44	1167	571-1214
m1472	i0058	1472mm	57.97in	1458mm	57.42in	14mm	0.55in	15.90	1202	588-1250
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	16.35	1236	604-1286
m1556	i0061	1556mm	61.25in	1542mm	60.70in	14mm	0.55in	16.80	1270	621-1321
m1597	i0063	1597mm	62.89in	1583mm	62.34in	14mm	0.55in	17.26	1305	638-1357
m1639	i0065	1639mm	64.53in	1625mm	63.98in	14mm	0.55in	17.71	1339	655-1393
m1681	i0066	1681mm	66.17in	1667mm	65.62in	14mm	0.55in	18.17	1373	671-1428
m1722	i0068	1722mm	67.81in	1708mm	67.26in	14mm	0.55in	18.62	1408	688-1464
m1764	i0069	1764mm	69.45in	1750mm	68.90in	14mm	0.55in	19.08	1442	705-1500
m1806	i0071	1806mm	71.09in	1792mm	70.54in	14mm	0.55in	19.53	1476	722-1535

LiNi-S 007

Length Availability List

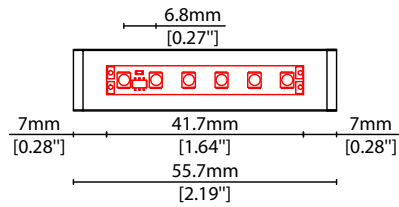


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m1847	i0073	1847mm	72.74in	1833mm	72.18in	14mm	0.55in	19.98	1511	739-1571
m1889	i0074	1889mm	74.38in	1875mm	73.82in	14mm	0.55in	20.44	1545	755-1607
m1931	i0076	1931mm	76.02in	1917mm	75.47in	14mm	0.55in	20.89	1579	772-1643
m1972	i0078	1972mm	77.66in	1958mm	77.11in	14mm	0.55in	21.35	1614	789-1678
m2014	i0079	2014mm	79.30in	2000mm	78.75in	14mm	0.55in	21.80	1648	806-1714

¹ Length of fixture including aluminium extrusion and end clamps

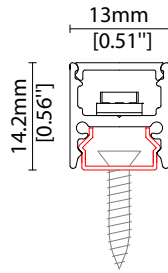
² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space



MOUNTING OPTIONS

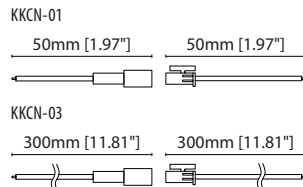
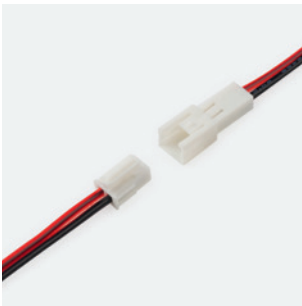
Note: Accessories are to be ordered separately with corresponding code shown below.



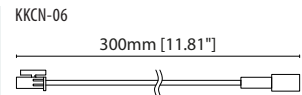
KKCP-10

Concealed clip
(allow 3 per metre/40in)
S/Steel 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

Linear

LiNi-S 007 Accessories

KKDÖ

KKDC CONTROL (CONTINUED)



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

LiNi-S 207

Specification sheet



Dimension	H14/W13/L97.3-2014mm (H0.55/W0.51/L3.83-79.29in)
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	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
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 = 74.8°C) T _a = -13 to 140°F (T _C max = 166.6°F)
IP rating	IP40
Finish	Silver anodised
Cover/lens	Clear/Diffused/Prismatic
Mounting	Surface mounting via concealed 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
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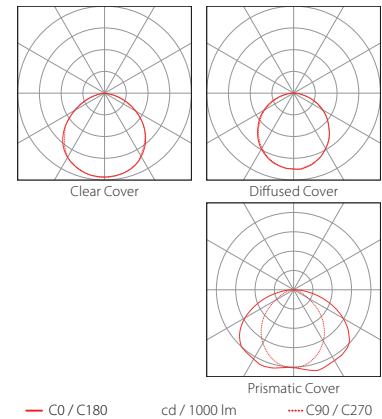
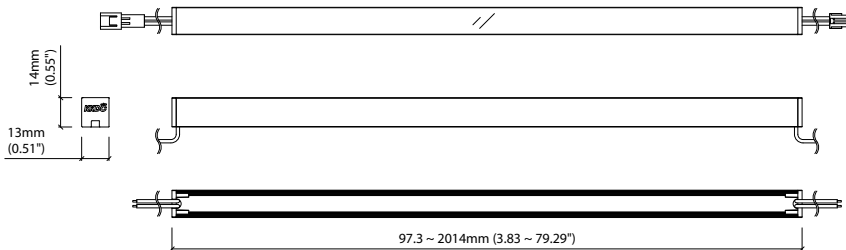
PERFORMANCE DATA @2100K + 5000K

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

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
s-line	790lm/m (241lm/ft) 71.9lm/W	570lm/m (174lm/ft) 51.6lm/W	590lm/m (180lm/ft) 53.3lm/W	93	63	-	-
k-line	780lm/m (238lm/ft) 70.8lm/W	560lm/m (171lm/ft) 50.8lm/W	580lm/m (177lm/ft) 52.5lm/W	92	60	-	-



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

LiNi-S 207

Length Availability List

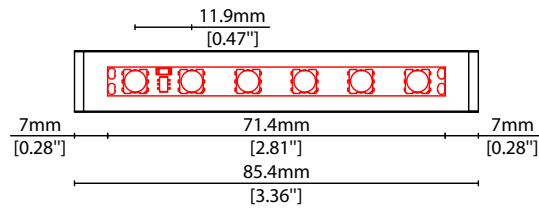


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		MIX (Test Data)
m0097	i0004	97mm	3.83in	83mm	3.28in	14mm	0.55in	0.92	65
m0181	i0007	181mm	7.11in	167mm	6.56in	14mm	0.55in	1.83	130
m0264	i0010	264mm	10.39in	250mm	9.84in	14mm	0.55in	2.75	195
m0347	i0014	347mm	13.68in	333mm	13.12in	14mm	0.55in	3.67	260
m0431	i0017	431mm	16.96in	417mm	16.41in	14mm	0.55in	4.58	325
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	5.50	389
m0597	i0024	597mm	23.52in	583mm	22.97in	14mm	0.55in	6.42	454
m0681	i0027	681mm	26.80in	667mm	26.25in	14mm	0.55in	7.33	519
m0764	i0030	764mm	30.08in	750mm	29.53in	14mm	0.55in	8.25	584
m0847	i0033	847mm	33.36in	833mm	32.81in	14mm	0.55in	9.17	649
m0931	i0037	931mm	36.64in	917mm	36.09in	14mm	0.55in	10.08	714
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	11.00	779
m1097	i0043	1097mm	43.21in	1083mm	42.65in	14mm	0.55in	11.92	844
m1181	i0046	1181mm	46.49in	1167mm	45.94in	14mm	0.55in	12.83	909
m1264	i0050	1264mm	49.77in	1250mm	49.22in	14mm	0.55in	13.75	974
m1347	i0053	1347mm	53.05in	1333mm	52.50in	14mm	0.55in	14.67	1038
m1431	i0056	1431mm	56.33in	1417mm	55.78in	14mm	0.55in	15.58	1103
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	16.50	1168
m1597	i0063	1597mm	62.89in	1583mm	62.34in	14mm	0.55in	17.42	1233
m1681	i0066	1681mm	66.17in	1667mm	65.62in	14mm	0.55in	18.33	1298
m1764	i0069	1764mm	69.45in	1750mm	68.90in	14mm	0.55in	19.25	1363
m1847	i0073	1847mm	72.74in	1833mm	72.18in	14mm	0.55in	20.17	1428
m1931	i0076	1931mm	76.02in	1917mm	75.47in	14mm	0.55in	21.08	1493
m2014	i0079	2014mm	79.30in	2000mm	78.75in	14mm	0.55in	22.00	1558

¹ Length of fixture including aluminium extrusion and end clamps

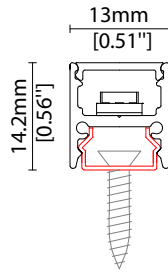
² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space



MOUNTING OPTIONS

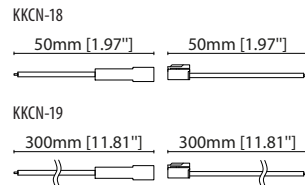
Note: Accessories are to be ordered separately with corresponding code shown below.



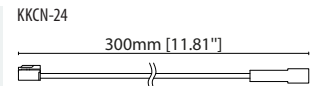
KKCP-10

Concealed clip
(allow 3 per metre/40in)
S/Steel 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

Linear

LiNi-S 207 Accessories

KKDÖ

KKDC CONTROL (CONTINUED)



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

LiNi-S 208

Specification sheet



Dimension	H14/W13/L180.7-2014mm (H0.55/W0.51/L7.11-79.29in)
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 colored LEDs
Chip	s-line Toyoda Gosei k-line Samsung
Beam angle	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
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 2.5-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 = 75.1°C) T _a = -13 to 122°F (T _c max = 167.2°F)
IP rating	IP40
Finish	Silver anodised
Cover/lens	Clear/Diffused/Prismatic
Mounting	Surface mounting via concealed 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
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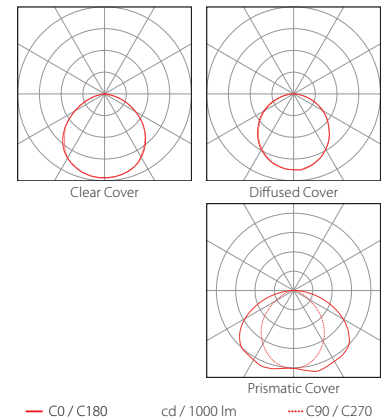
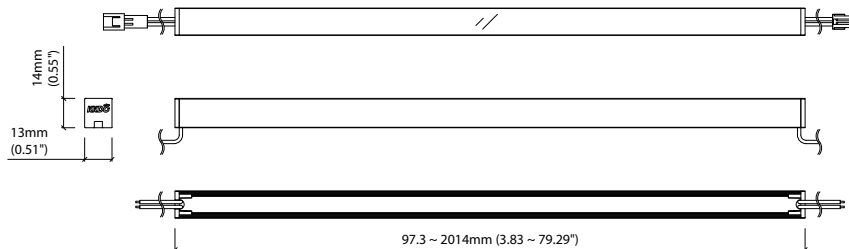
PERFORMANCE DATA @2100K + 5000K

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

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
s-line	1310lm/m (399lm/ft) 83.9lm/W	950lm/m (290lm/ft) 61.2lm/W	1050lm/m (320lm/ft) 67.3lm/W	94	75	-	-
k-line	1230lm/m (378lm/ft) 78.8lm/W	880lm/m (271lm/ft) 56.6lm/W	910lm/m (280lm/ft) 58.4lm/W	92	60	-	-



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

LiNi-S 208

Length Availability List

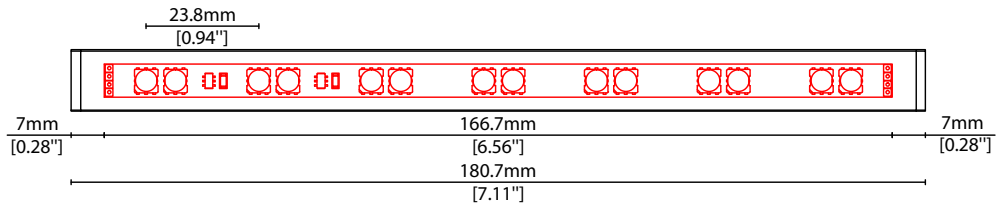


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		MIX (Test Data)
m0181	i0007	181mm	7.11in	167mm	6.56in	14mm	0.55in	2.60	218
m0347	i0014	347mm	13.67in	333mm	13.12in	14mm	0.55in	5.20	436
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	7.80	654
m0681	i0027	681mm	26.80in	667mm	26.25in	14mm	0.55in	10.40	873
m0847	i0033	847mm	33.36in	833mm	32.81in	14mm	0.55in	13.00	1091
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	15.60	1309
m1181	i0046	1181mm	46.48in	1167mm	45.93in	14mm	0.55in	18.20	1527
m1347	i0053	1347mm	53.05in	1333mm	52.49in	14mm	0.55in	20.80	1745
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	23.40	1963
m1681	i0066	1681mm	66.17in	1667mm	65.62in	14mm	0.55in	26.00	2181
m1847	i0073	1847mm	72.73in	1833mm	72.18in	14mm	0.55in	28.60	2400
m2014	i0079	2014mm	79.29in	2000mm	78.74in	14mm	0.55in	31.20	2618

¹ Length of fixture including aluminium extrusion and end clamps

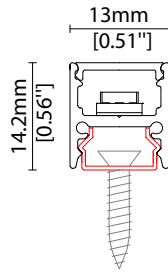
² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space



MOUNTING OPTIONS

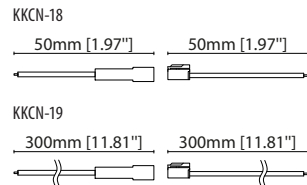
Note: Accessories are to be ordered separately with corresponding code shown below.



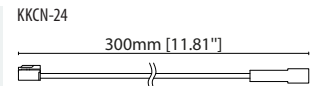
KKCP-10

Concealed clip
(allow 3 per metre/40in)
S/Steel 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

Linear

LiNi-S 208 Accessories

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L164/W64/H34mm
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KKSC-03B DMX (RJ45)
visDIM dimmable sub-controller



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

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



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(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
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	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

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	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

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