

Linear

# LiNi-S 352

## Specification sheet



<b>Dimension</b>	H14/W13/L97.3-2014mm (H0.55/W0.51/L3.83-79.29in)
<b>PCB increment</b>	83.3mm increment/2000mm max (3.28in increment/78.74in max)
<b>LED pitch</b>	13.9mm - 72LED/m (0.55in - 22LED/ft)
<b>Chip</b>	<b>s/e-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
<b>Colours</b>	<b>s/e-line</b> 2100K/2500K/2700K/3000K/3500K/4000K/5000K <b>s-line</b> Single colours: Red/Green/Blue/Orange/Amber <b>k-line</b> 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
<b>Bin/Step</b>	<b>s-line</b> 2-step MacAdam ellipse <b>e/k-line</b> 3-step MacAdam ellipse
<b>CRI</b>	≥ 90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 60°C (T <sub>c</sub> max = 72°C) T <sub>a</sub> = -13 to 140°F (T <sub>c</sub> max = 161.6°F)
<b>IP rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused/Prismatic
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	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

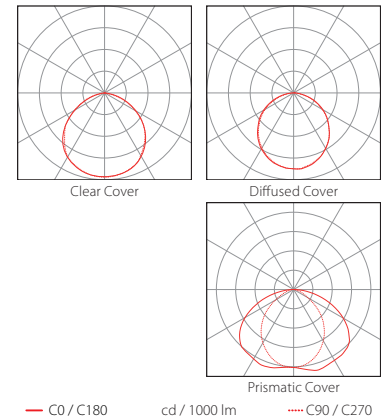
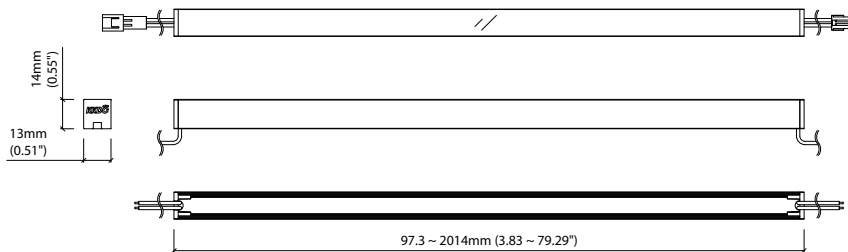
### PERFORMANCE DATA @ 3000K

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
<b>k-line</b>	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
<b>s/e-line</b>	450lm/m (136lm/ft) 81.9lm/W	320lm/m (100lm/ft) 58.8lm/W	340lm/m (103lm/ft) 60.7lm/W	93	63	-	-
<b>k-line</b>	440lm/m (134lm/ft) 80.7lm/W	320lm/m (98lm/ft) 57.9lm/W	330lm/m (101lm/ft) 59.8lm/W	92	60	-	-



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

# LiNi-S 352

## Length Availability List

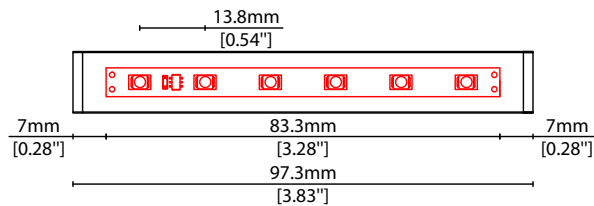


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0097	i0004	97mm	3.83in	83mm	3.28in	14mm	0.55in	0.46	37	17-38
m0181	i0007	181mm	7.11in	167mm	6.56in	14mm	0.55in	0.92	74	34-77
m0264	i0010	264mm	10.39in	250mm	9.84in	14mm	0.55in	1.37	111	51-115
m0347	i0014	347mm	13.68in	333mm	13.12in	14mm	0.55in	1.83	148	69-154
m0431	i0017	431mm	16.96in	417mm	16.41in	14mm	0.55in	2.29	185	86-192
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	2.75	222	103-231
m0597	i0024	597mm	23.52in	583mm	22.97in	14mm	0.55in	3.21	259	120-269
m0681	i0027	681mm	26.80in	667mm	26.25in	14mm	0.55in	3.67	296	137-308
m0764	i0030	764mm	30.08in	750mm	29.53in	14mm	0.55in	4.12	333	154-346
m0847	i0033	847mm	33.36in	833mm	32.81in	14mm	0.55in	4.58	370	172-385
m0931	i0037	931mm	36.64in	917mm	36.09in	14mm	0.55in	5.04	407	189-423
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	5.50	444	206-462
m1097	i0043	1097mm	43.21in	1083mm	42.65in	14mm	0.55in	5.96	481	223-500
m1181	i0046	1181mm	46.49in	1167mm	45.94in	14mm	0.55in	6.42	518	240-539
m1264	i0050	1264mm	49.77in	1250mm	49.22in	14mm	0.55in	6.87	555	257-577
m1347	i0053	1347mm	53.05in	1333mm	52.50in	14mm	0.55in	7.33	592	275-615
m1431	i0056	1431mm	56.33in	1417mm	55.78in	14mm	0.55in	7.79	629	292-654
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	8.25	666	309-692
m1597	i0063	1597mm	62.89in	1583mm	62.34in	14mm	0.55in	8.71	703	326-731
m1681	i0066	1681mm	66.17in	1667mm	65.62in	14mm	0.55in	9.17	740	343-769
m1764	i0069	1764mm	69.45in	1750mm	68.90in	14mm	0.55in	9.62	777	360-808
m1847	i0073	1847mm	72.74in	1833mm	72.18in	14mm	0.55in	10.08	814	378-846
m1931	i0076	1931mm	76.02in	1917mm	75.47in	14mm	0.55in	10.54	851	395-885
m2014	i0079	2014mm	79.30in	2000mm	78.75in	14mm	0.55in	11.00	888	412-923

<sup>1</sup> Length of fixture including aluminium extrusion and end clamps

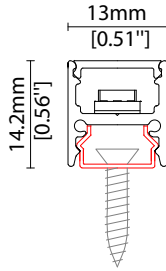
<sup>2</sup> Fixture without clamps available in this length upon request

<sup>3</sup> Overall dimension including both end caps and internal wiring space



## MOUNTING OPTIONS

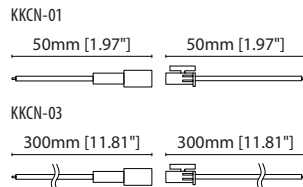
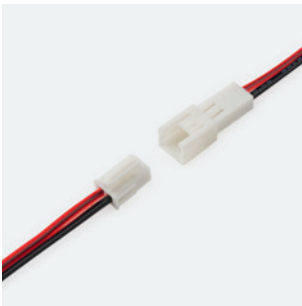
Note: Accessories are to be ordered separately with corresponding code shown below.



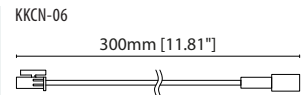
**KKCP-10**

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 352 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

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

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request

Linear

# LiNi-S 504

## Specification sheet



<b>Dimension</b>	H14/W13/L114-2014mm (H0.55/W0.51/L4.49-79.29in)
<b>PCB increment</b>	100mm increment/2000mm max (3.94in increment/78.74in max)
<b>LED pitch</b>	16.7mm - 60LED/m (0.66in - 18LED/ft)
<b>Chip</b>	<b>n/s/e-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
<b>Colours</b>	<b>n-line</b> 2700K/3000K <b>s/e-line</b> 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K <b>s-line</b> Single colours: Red/Green/Blue/Orange/Amber <b>k-line</b> 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
<b>Bin/Step</b>	<b>s-line</b> 2-step MacAdam ellipse <b>n/e/k-line</b> 3-step MacAdam ellipse
<b>CRI</b>	≥ 90 (n-line ≥ 95)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 65°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 149°F)
<b>IP rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused/Prismatic
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

#### Exclusive Grade

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

#### Base Grade

<b>k-line</b>	3-step commercial range Energy Star CCTs
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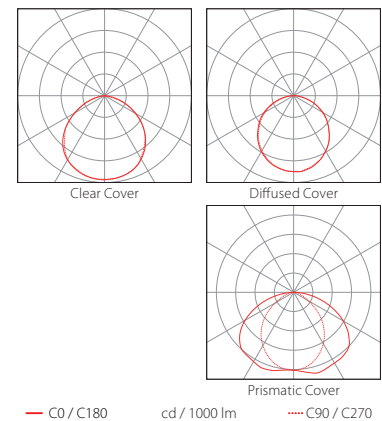
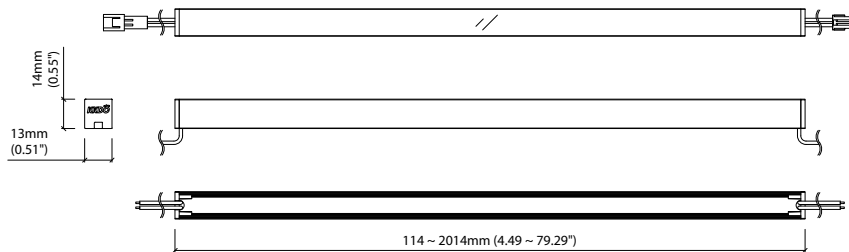
### PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
12.5W/m (3.81W/ft)	24V DC	0.52A/m (0.16A/ft)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>n-line</b>	99	99	98	98	99	97	94	90	79	98	97	92	99	98
<b>k-line</b>	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
<b>n-line</b>	720lm/m (219lm/ft) 57.6lm/W	-	580lm/m (177lm/ft) 46.2lm/W	97	80	-	-
<b>s/e-line</b>	1060lm/m (323lm/ft) 85lm/W	780lm/m (238lm/ft) 62lm/W	860lm/m (262lm/ft) 68.8lm/W	92	50	-	-
<b>k-line</b>	960lm/m (293lm/ft) 76.9lm/W	690lm/m (210lm/ft) 55.2lm/W	710lm/m (216lm/ft) 57lm/W	92	60	-	-



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

# LiNi-S 504

## Length Availability List

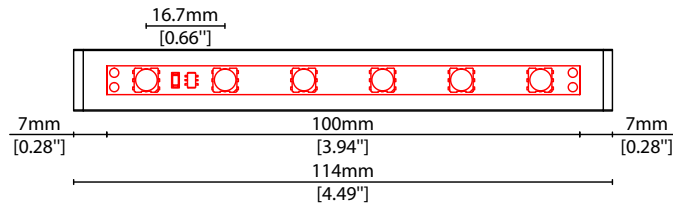


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0114	i0004	114mm	4.49in	100mm	3.94in	14mm	0.55in	1.25	106	55-111
m0214	i0008	214mm	8.43in	200mm	7.87in	14mm	0.55in	2.50	213	110-221
m0314	i0012	314mm	12.36in	300mm	11.81in	14mm	0.55in	3.75	319	166-332
m0414	i0016	414mm	16.30in	400mm	15.75in	14mm	0.55in	5.00	425	221-442
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	6.25	531	276-553
m0614	i0024	614mm	24.17in	600mm	23.62in	14mm	0.55in	7.50	638	331-663
m0714	i0028	714mm	28.11in	700mm	27.56in	14mm	0.55in	8.75	744	386-774
m0814	i0032	814mm	32.05in	800mm	31.50in	14mm	0.55in	10.00	850	442-884
m0914	i0036	914mm	35.98in	900mm	35.43in	14mm	0.55in	11.25	956	497-995
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	12.50	1063	552-1105
m1114	i0044	1114mm	43.86in	1100mm	43.31in	14mm	0.55in	13.75	1169	607-1216
m1214	i0048	1214mm	47.80in	1200mm	47.24in	14mm	0.55in	15.00	1275	662-1326
m1314	i0052	1314mm	51.73in	1300mm	51.18in	14mm	0.55in	16.25	1381	718-1437
m1414	i0056	1414mm	55.67in	1400mm	55.12in	14mm	0.55in	17.50	1488	773-1547
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	18.75	1594	828-1658
m1614	i0064	1614mm	63.54in	1600mm	62.99in	14mm	0.55in	20.00	1700	883-1768
m1714	i0067	1714mm	67.48in	1700mm	66.93in	14mm	0.55in	21.25	1806	938-1879
m1814	i0071	1814mm	71.42in	1800mm	70.87in	14mm	0.55in	22.50	1913	994-1989
m1914	i0075	1914mm	75.35in	1900mm	74.80in	14mm	0.55in	23.75	2019	1049-2100
m2014	i0079	2014mm	79.29in	2000mm	78.74in	14mm	0.55in	25.00	2125	1104-2210

<sup>1</sup> Length of fixture including aluminium extrusion and end clamps

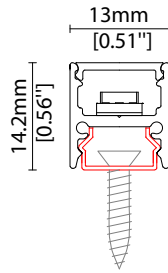
<sup>2</sup> Fixture without clamps available in this length upon request

<sup>3</sup> Overall dimension including both end caps and internal wiring space



## MOUNTING OPTIONS

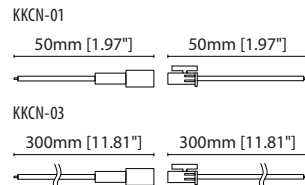
Note: Accessories are to be ordered separately with corresponding code shown below.



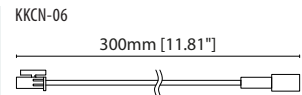
### KKCP-10

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 504 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

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

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request

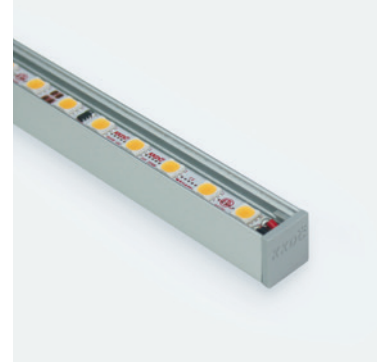
Linear

# LiNi-S 508

## Specification sheet



<b>Dimension</b>	H14/W13/L85.4-2014mm (H0.55/W0.51/L3.36-79.29in)
<b>PCB increment</b>	71.4mm increment/2000mm max (2.81in increment/78.74in max)
<b>LED pitch</b>	11.9mm - 84LED/m (0.47in - 26LED/ft)
<b>Chip</b>	<b>n/s/e-line</b> Toyoda Gosei <b>k-line</b> Samsung
<b>Beam angle</b>	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
<b>Colours</b>	<b>n-line</b> 2700K/3000K <b>s/e-line</b> 2100K/2300K/2500K/2700K/3000K/3200K/3500K/4000K/5000K <b>k-line</b> 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
<b>Bin/Step</b>	<b>s-line</b> 2-step MacAdam ellipse <b>n/e/k-line</b> 3-step MacAdam ellipse
<b>CRI</b>	≥ 90 (n-line ≥ 95)
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 45°C (T <sub>c</sub> max = 78°C) T <sub>a</sub> = -13 to 113°F (T <sub>c</sub> max = 172.4°F)
<b>IP rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused/Prismatic
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

#### Exclusive Grade

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

#### Base Grade

<b>k-line</b>	3-step commercial range Energy Star CCTs
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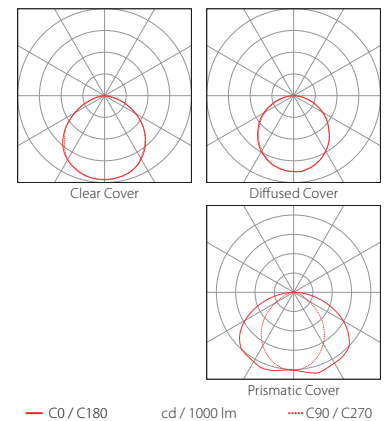
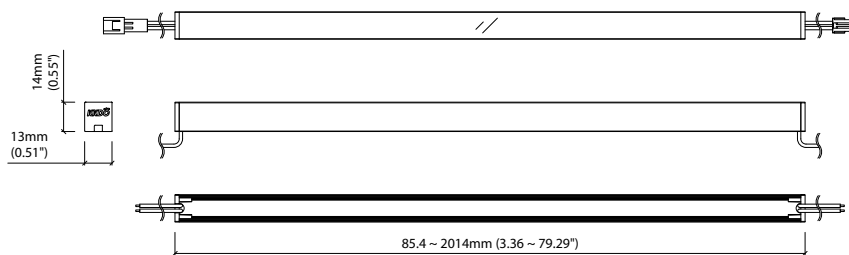
### PERFORMANCE DATA @ 3000K

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
<b>n-line</b>	99	99	98	97	99	97	94	90	78	98	97	92	99	98
<b>k-line</b>	94	97	98	93	93	96	92	83	60	93	94	82	95	99

	Clear Cover	Diffused Cover	Prismatic Cover	CRI	R9	Rf	Rg
<b>n-line</b>	1000lm/m (305lm/ft) 57.3lm/W	-	800lm/m (244lm/ft) 46lm/W	97	78	-	-
<b>s/e-line</b>	1490lm/m (454lm/ft) 84.9lm/W	1080lm/m (329lm/ft) 62lm/W	1190lm/m (363lm/ft) 68.1lm/W	92	50	-	-
<b>k-line</b>	1350lm/m (411lm/ft) 77lm/W	970lm/m (296lm/ft) 55.3lm/W	1000lm/m (305lm/ft) 57.1lm/W	92	60	-	-



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

# LiNi-S 508

## Length Availability List

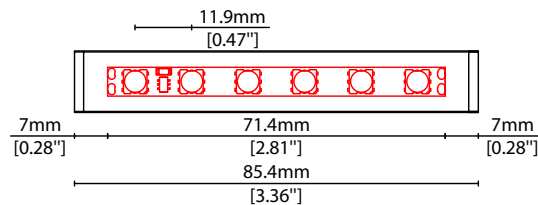


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0085	i0003	85mm	3.36in	71mm	2.81in	14mm	0.55in	1.25	106	55-110
m0157	i0006	157mm	6.18in	143mm	5.62in	14mm	0.55in	2.50	212	111-221
m0228	i0009	228mm	8.99in	214mm	8.44in	14mm	0.55in	3.75	318	166-331
m0300	i0012	300mm	11.80in	286mm	11.25in	14mm	0.55in	5.00	425	221-441
m0371	i0015	371mm	14.61in	357mm	14.06in	14mm	0.55in	6.25	531	277-552
m0442	i0017	443mm	17.42in	429mm	16.87in	14mm	0.55in	7.50	637	332-662
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	8.75	743	387-773
m0585	i0023	585mm	23.05in	571mm	22.50in	14mm	0.55in	10.00	849	442-883
m0657	i0026	657mm	25.86in	643mm	25.31in	14mm	0.55in	11.25	955	498-993
m0728	i0029	728mm	28.67in	714mm	28.12in	14mm	0.55in	12.50	1061	553-1104
m0800	i0031	800mm	31.49in	786mm	30.93in	14mm	0.55in	13.75	1167	608-1214
m0871	i0034	871mm	34.30in	857mm	33.75in	14mm	0.55in	15.00	1274	664-1324
m0942	i0037	943mm	37.11in	929mm	36.56in	14mm	0.55in	16.25	1380	719-1435
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	17.50	1486	774-1545
m1085	i0043	1085mm	42.73in	1071mm	42.18in	14mm	0.55in	18.75	1592	830-1656
m1157	i0046	1157mm	45.55in	1143mm	45.00in	14mm	0.55in	20.00	1698	885-1766
m1228	i0048	1228mm	48.36in	1214mm	47.81in	14mm	0.55in	21.25	1804	940-1876
m1300	i0051	1300mm	51.17in	1286mm	50.62in	14mm	0.55in	22.50	1910	995-1987
m1371	i0054	1371mm	53.98in	1357mm	53.43in	14mm	0.55in	23.75	2016	1051-2097
m1442	i0057	1443mm	56.80in	1429mm	56.24in	14mm	0.55in	25.00	2123	1106-2207
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	26.25	2229	1161-2318
m1585	i0062	1585mm	62.42in	1571mm	61.87in	14mm	0.55in	27.50	2335	1217-2428
m1657	i0065	1657mm	65.23in	1643mm	64.68in	14mm	0.55in	28.75	2441	1272-2539
m1728	i0068	1728mm	68.04in	1714mm	67.49in	14mm	0.55in	30.00	2547	1327-2649
m1800	i0071	1800mm	70.86in	1786mm	70.31in	14mm	0.55in	31.25	2653	1383-2759
m1871	i0074	1871mm	73.67in	1857mm	73.12in	14mm	0.55in	32.50	2759	1438-2870
m1942	i0076	1943mm	76.48in	1929mm	75.93in	14mm	0.55in	33.75	2865	1493-2980
m2014	i0079	2014mm	79.29in	2000mm	78.74in	14mm	0.55in	35.00	2972	1548-3090

<sup>1</sup> Length of fixture including aluminium extrusion and end clamps

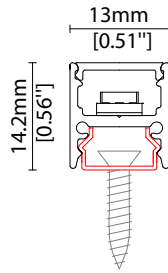
<sup>2</sup> Fixture without clamps available in this length upon request

<sup>3</sup> Overall dimension including both end caps and internal wiring space



## MOUNTING OPTIONS

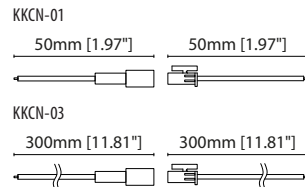
Note: Accessories are to be ordered separately with corresponding code shown below.



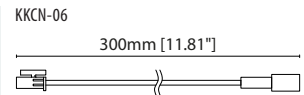
**KKCP-10**

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 508 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

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

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request

Linear

# LiNi-S RGB

## Specification sheet



<b>Dimension</b>	H14/W13/L97.3-2014mm (H0.55/W0.51/L3.83-79.29in)
<b>PCB increment</b>	83.3mm increment/2000mm max (3.28in increment/78.74in max)
<b>LED pitch</b>	13.9mm - 72LED/m (0.55in - 22LED/ft)
<b>Chip</b>	Red TEKCORE/Green EPILEDS/Blue 3E
<b>Beam angle</b>	105° (Clear Cover) / 110° (Diffused Cover)/ 85° (Prismatic Cover)
<b>Colours</b>	Red 620-625nm/Blue 455-460nm/Green 520-525nm
<b>Bin/Step</b>	5nm tolerance
<b>CRI</b>	N/A
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 76°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 168.8°F)
<b>IP rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused/Prismatic
<b>Mounting</b>	Surface mounting via concealed clips
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	DMX/DALI



### PERFORMANCE DATA

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

#### Clear Cover

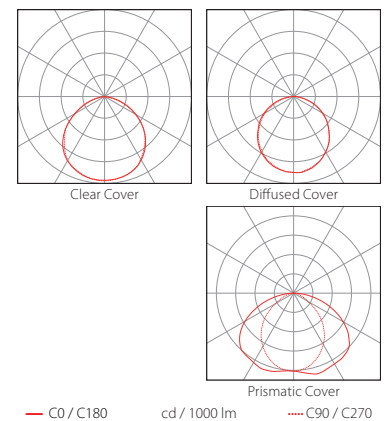
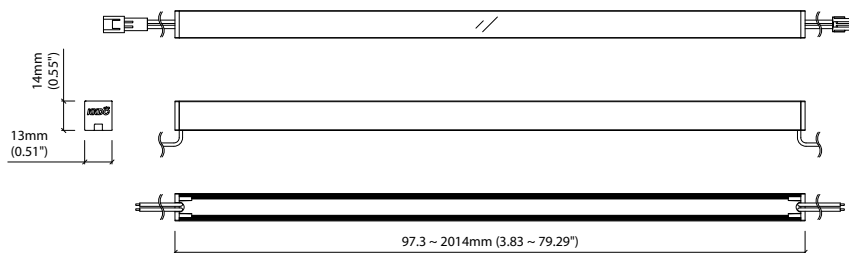
Red: 134lm/m (41lm/ft)  
Green: 284lm/m (87lm/ft)  
Blue: 46lm/m (14lm/ft)  
RGB: 423lm/m (129lm/ft)

#### Diffused Cover

Red: 94lm/m (29lm/ft)  
Green: 202lm/m (68lm/ft)  
Blue: 33lm/m (10lm/ft)  
RGB: 292lm/m (89lm/ft)

#### Prismatic Cover

Red: 103lm/m (31lm/ft)  
Green: 222lm/m (68lm/ft)  
Blue: 37lm/m (11lm/ft)  
RGB: 321lm/m (98lm/ft)



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

See KKDÖ website for product document updates.

[www.kkdc.lighting](http://www.kkdc.lighting)

LiNiSRGBS-02.01EN-20190822



# LiNi-S RGB

## Length Availability List

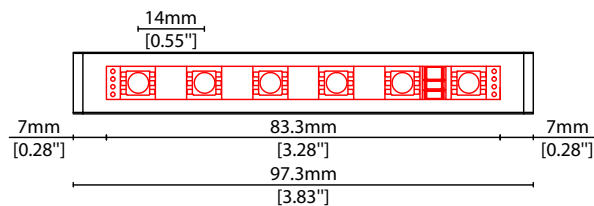


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)			
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		R	G	B	W
m0097	i0004	97mm	3.83in	83mm	3.28in	14mm	0.55in	1.30	11	24	4	35
m0181	i0007	181mm	7.11in	167mm	6.56in	14mm	0.55in	2.60	22	47	8	71
m0264	i0010	264mm	10.39in	250mm	9.84in	14mm	0.55in	3.90	34	71	12	106
m0347	i0014	347mm	13.68in	333mm	13.12in	14mm	0.55in	5.20	45	95	15	141
m0431	i0017	431mm	16.96in	417mm	16.41in	14mm	0.55in	6.50	56	118	19	176
m0514	i0020	514mm	20.24in	500mm	19.69in	14mm	0.55in	7.80	67	142	23	212
m0597	i0024	597mm	23.52in	583mm	22.97in	14mm	0.55in	9.10	78	166	27	247
m0681	i0027	681mm	26.80in	667mm	26.25in	14mm	0.55in	10.40	89	189	31	282
m0764	i0030	764mm	30.08in	750mm	29.53in	14mm	0.55in	11.70	101	213	35	317
m0847	i0033	847mm	33.36in	833mm	32.81in	14mm	0.55in	13.00	112	237	38	353
m0931	i0037	931mm	36.64in	917mm	36.09in	14mm	0.55in	14.30	123	260	42	388
m1014	i0040	1014mm	39.92in	1000mm	39.37in	14mm	0.55in	15.60	134	284	46	423
m1097	i0043	1097mm	43.21in	1083mm	42.65in	14mm	0.55in	16.90	145	308	50	458
m1181	i0046	1181mm	46.49in	1167mm	45.94in	14mm	0.55in	18.20	156	331	54	494
m1264	i0050	1264mm	49.77in	1250mm	49.22in	14mm	0.55in	19.50	168	355	58	529
m1347	i0053	1347mm	53.05in	1333mm	52.50in	14mm	0.55in	20.80	179	379	61	564
m1431	i0056	1431mm	56.33in	1417mm	55.78in	14mm	0.55in	22.10	190	402	65	599
m1514	i0060	1514mm	59.61in	1500mm	59.06in	14mm	0.55in	23.40	201	426	69	635
m1597	i0063	1597mm	62.89in	1583mm	62.34in	14mm	0.55in	24.70	212	450	73	670
m1681	i0066	1681mm	66.17in	1667mm	65.62in	14mm	0.55in	26.00	223	473	77	705
m1764	i0069	1764mm	69.45in	1750mm	68.90in	14mm	0.55in	27.30	235	497	81	740
m1847	i0073	1847mm	72.74in	1833mm	72.18in	14mm	0.55in	28.60	246	521	84	776
m1931	i0076	1931mm	76.02in	1917mm	75.47in	14mm	0.55in	29.90	257	544	88	811
m2014	i0079	2014mm	79.30in	2000mm	78.75in	14mm	0.55in	31.20	268	568	92	846

<sup>1</sup> Length of fixture including aluminium extrusion and end clamps

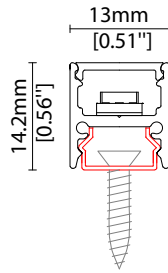
<sup>2</sup> Fixture without clamps available in this length upon request

<sup>3</sup> Overall dimension including both end caps and internal wiring space

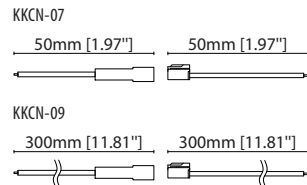
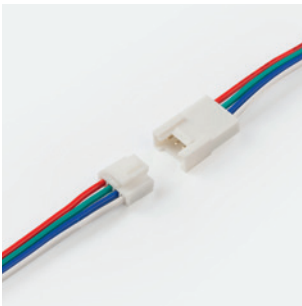


**MOUNTING OPTIONS**

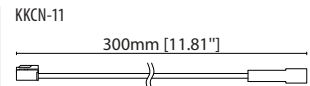
Note: Accessories are to be ordered separately with corresponding code shown below.

**KKCP-10**

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

**POWER FEED**

**KKCN-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

Linear

# LiNi-S RGB 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

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

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request