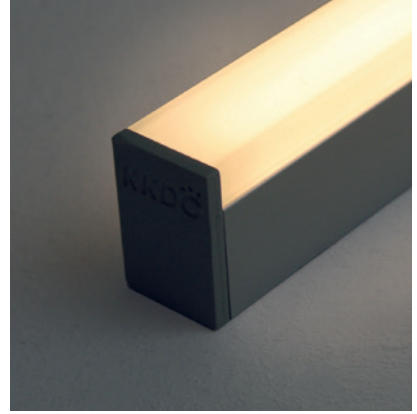


Linear

LiNi Glow 508 Fixture Guide

KKDÖ

Indoor | Surface | Mid output up to 1030lm/m (314lm/ft)

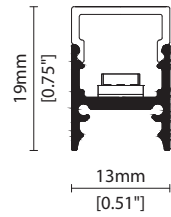


Key applications

- ✓ Architectural detail
- ✓ Cabinet/Furniture
- ✓ Cove lighting
- ✓ Display case
- ✓ Indirect lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Shelving display
- ✓ Under bench
- ✓ Under cabinet

Key features

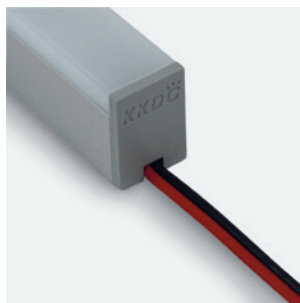
- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ IP40
- ✓ Output mid



MOUNTING METHODS



KKCP-10 Concealed clip



Side cable exit end cap (included)

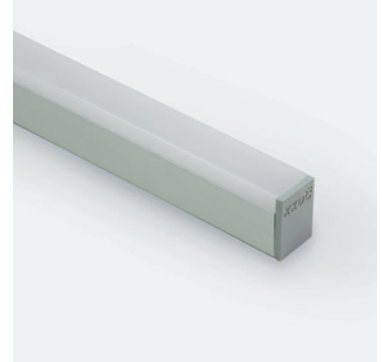
Linear

LiNi Glow 508

Specification sheet



Dimension	H19/W13/L85.4-2014mm (H0.75/W0.51/L3.36-79.29in)	
PCB increment	71.4mm increment/2000mm max (2.81in increment/78.74in max)	
LED pitch	11.9mm - 84LED/m (0.47in - 26LED/ft)	
Chip	s/e-line	Toyoda Gosei
	k-line	Toyoda Gosei or Equivalent
Beam angle	134°	
Colours	s/e-line	1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
	k-line	1900K/2100K/2300K/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 45°C (T _c max = 78°C) T _a = -13 to 113°F (T _c max = 172.4°F)	
IP rating	IP40	
Finish	Silver anodised	
Cover/lens	Diffused	
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 s-line*	*KKDC tuned CCT range
2-step CCT range	
e e-line*	
3-step CCT range	

Base Grade

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

PERFORMANCE DATA @ 3000K

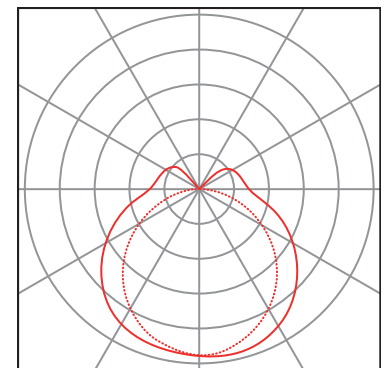
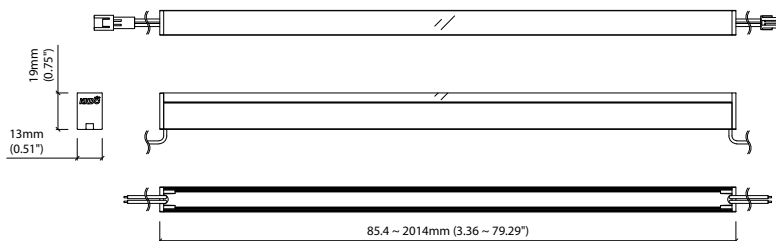
Power consumption	Supply voltage	Supply current
17.5W/m (5.33W/ft)	24V DC	0.73A/m (0.22A/ft)

Colour Rendering Index (CRI)

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

Diffused Cover

		CRI	R9	Rf	Rg
s/e-line	1030lm/m (314lm/ft) 58.8lm/W	92	50	-	-
k-line	880lm/m (268lm/ft) 50.4lm/W	93	62	-	-



Diffused Cover
— C0 / C180 cd / 1000 lm C90 / C270

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

FIXTURE

Model	Finish ¹	Cover	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input																											
LiNi Glow	Silver Anodised (grey endcaps)	SA	Diffused U cover	0	s	508	1900K	19	m	85.4-2014mm 71.4mm increments	IP40	40	50mm/1.97"	0050	Single no sheath tail	S00X	DC 24V	g																			
																			Silver Anodised (white endcaps)	SAWE	0	s	508	1900K	19	m	85.4-2014mm 71.4mm increments	IP40	40	50mm/1.97"	0050	Single no sheath tail	S00X	DC 24V	g		
	300mm/11.81"	0300	Double no sheath tail	D00X																																	
					1000mm/39.37"	1000	Single no sheath IP20 connector	S20X																													
	Double no sheath IP20 connector	D20X																																			
			2100K	21	e	2300K	23	i	3.36-79.29in 2.81in increments	2500K	25	2700K	27	(Specify length code OR total run length)	3000K	30	3500K	35																		4000K	40

¹ Refer to **End Cap Options** on **Options** pages

² Refer to **LED Grading Key** on **Specification sheet** page

³ Refer to **Length Availability List** or enter total run length instead of length code

⁴ Refer to **Power Feed Options** on **Options** pages

Code Example:

LG	-	SA	-	0	-	s	-	508	-	35	-	m	-	514	-	40	-	0300	-	D00X	-	g
LiNi Glow		Silver Anodised (grey endcaps)		Diffused U cover		s		508		3500K		513.8mm		IP40		300mm/11.81"		Double no sheath tail		DC 24V		

ACCESSORIES

Mounting Accessories

KKCP-10 Concealed Clip

* Refer to **Mounting accessories** on **Accessories** pages

Connection Accessories

KKCN-01 2 PIN male & female 50mm (1.97in) pair

KKCN-03 2 PIN male & female 300mm (11.81in) pair

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

* Refer to **Power feed** on **Accessories** pages

PSU/Driver

0-10V/1-10V/DALI/DMX

* Refer to **Driver/PSU Options** page for details or provide requirement and KKDC to offer the suitable option

LED ENGINE VARIANTS (LED STRIP TYPE)

Colour	Output	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	Mid	007	550	167	10.9	3.32	LiNi Glow 007	97.4-2014mm (3.83-79.29in)	41.7mm (1.64in)
	Mid	508	1030	314	17.5	5.33	LiNi Glow 508	85.4-2014mm (3.36-79.29in)	71.4mm (2.81in)

* Performance data: s/e-line, diffused cover, 3000K

LiNi Glow 508

Length Availability List

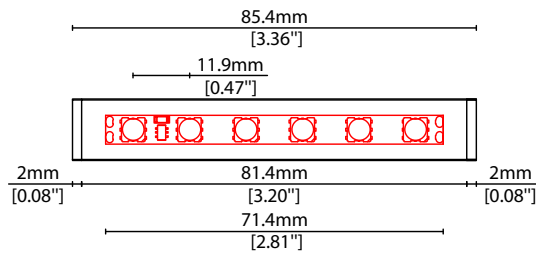


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0085	i0003	85mm	3.36in	71mm	2.81in	4mm	0.16in	1.25	74	50-76
m0157	i0006	157mm	6.18in	143mm	5.62in	4mm	0.16in	2.50	147	101-153
m0228	i0009	228mm	8.99in	214mm	8.44in	4mm	0.16in	3.75	221	151-229
m0300	i0012	300mm	11.80in	286mm	11.25in	4mm	0.16in	5.00	294	202-306
m0371	i0015	371mm	14.61in	357mm	14.06in	4mm	0.16in	6.25	368	252-382
m0442	i0017	443mm	17.42in	429mm	16.87in	4mm	0.16in	7.50	441	302-459
m0514	i0020	514mm	20.24in	500mm	19.69in	4mm	0.16in	8.75	515	353-535
m0585	i0023	585mm	23.05in	571mm	22.50in	4mm	0.16in	10.00	588	403-612
m0657	i0026	657mm	25.86in	643mm	25.31in	4mm	0.16in	11.25	662	454-688
m0728	i0029	728mm	28.67in	714mm	28.12in	4mm	0.16in	12.50	735	504-764
m0800	i0031	800mm	31.49in	786mm	30.93in	4mm	0.16in	13.75	809	554-841
m0871	i0034	871mm	34.30in	857mm	33.75in	4mm	0.16in	15.00	882	605-917
m0942	i0037	943mm	37.11in	929mm	36.56in	4mm	0.16in	16.25	956	655-994
m1014	i0040	1014mm	39.92in	1000mm	39.37in	4mm	0.16in	17.50	1029	706-1070
m1085	i0043	1085mm	42.73in	1071mm	42.18in	4mm	0.16in	18.75	1103	756-1147
m1157	i0046	1157mm	45.55in	1143mm	45.00in	4mm	0.16in	20.00	1176	806-1223
m1228	i0048	1228mm	48.36in	1214mm	47.81in	4mm	0.16in	21.25	1250	857-1299
m1300	i0051	1300mm	51.17in	1286mm	50.62in	4mm	0.16in	22.50	1323	907-1376
m1371	i0054	1371mm	53.98in	1357mm	53.43in	4mm	0.16in	23.75	1397	958-1452
m1442	i0057	1443mm	56.80in	1429mm	56.24in	4mm	0.16in	25.00	1470	1008-1529
m1514	i0060	1514mm	59.61in	1500mm	59.06in	4mm	0.16in	26.25	1544	1058-1605
m1585	i0062	1585mm	62.42in	1571mm	61.87in	4mm	0.16in	27.50	1617	1109-1682
m1657	i0065	1657mm	65.23in	1643mm	64.68in	4mm	0.16in	28.75	1691	1159-1758
m1728	i0068	1728mm	68.04in	1714mm	67.49in	4mm	0.16in	30.00	1764	1210-1835
m1800	i0071	1800mm	70.86in	1786mm	70.31in	4mm	0.16in	31.25	1838	1260-1911
m1871	i0074	1871mm	73.67in	1857mm	73.12in	4mm	0.16in	32.50	1911	1310-1987
m1942	i0076	1943mm	76.48in	1929mm	75.93in	4mm	0.16in	33.75	1985	1361-2064
m2014	i0079	2014mm	79.29in	2000mm	78.74in	4mm	0.16in	35.00	2058	1411-2140

¹ Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

² Actual length of PCB strip

³ Actual length of 2x end caps





LiNi Glow 508

Options

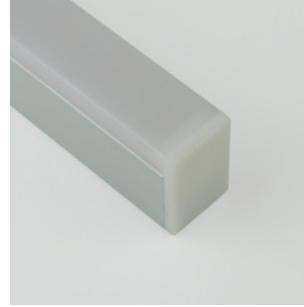


END CAP OPTIONS

* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** page.

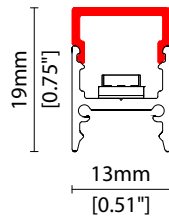
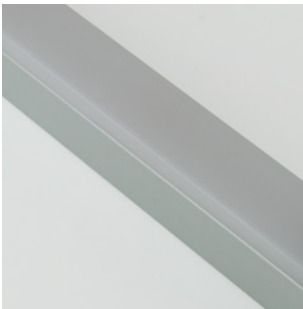


SA Silver anodised finish with grey end caps.
W13/H19mm (W0.51/H0.75")



SAWE Silver anodised finish with white end caps.
W13/H19mm (W0.51/H0.75")

COVER/LENS OPTION

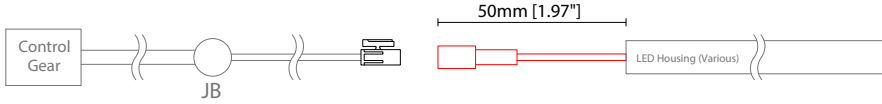


0 Diffused U Cover
W13/H19mm (W0.51/H0.75")

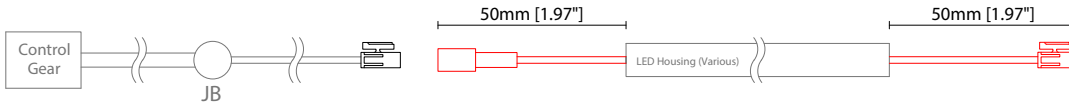
POWER FEED OPTIONS

* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.

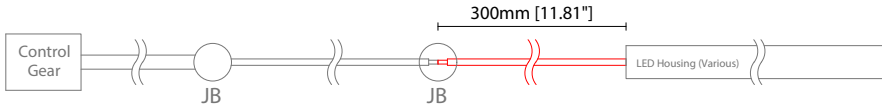
0050 S20X 50mm (1.97") Single no sheath IP20 connector



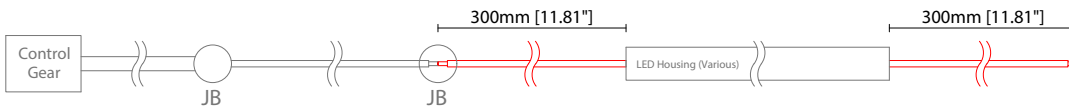
0050 D20X 50mm (1.97") Double no sheath IP20 connector



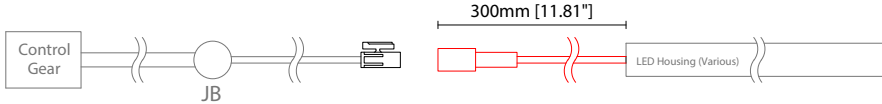
0300 S00X 300mm (11.81") Single no sheath tail



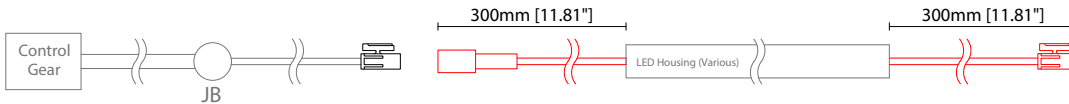
0300 D00X 300mm (11.81") Double no sheath tail



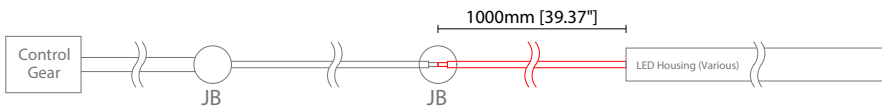
0300 S20X 300mm (11.81") Single no sheath IP20 connector



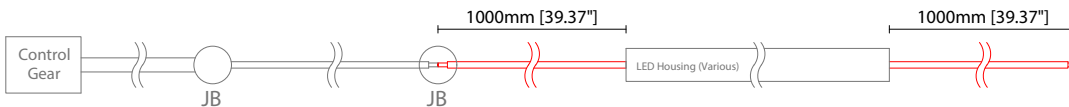
0300 D20X 300mm (11.81") Double no sheath IP20 connector



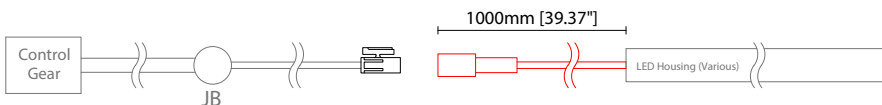
1000 S00X 1000mm (39.37") Single no sheath tail



1000 D00X 1000mm (39.37") Double no sheath tail



1000 S20X 1000mm (39.37") Single no sheath IP20 connector



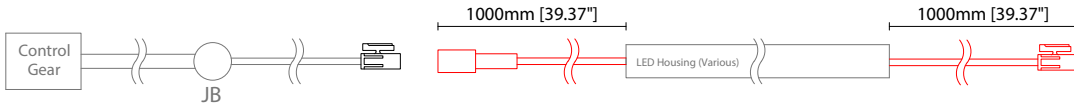
Key

Control Gear Power supply, sub-controllers & control systems

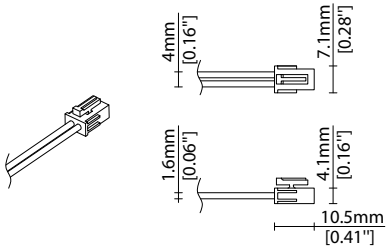
JB Junction box / cable connection

POWER FEED OPTIONS (CONTINUED)

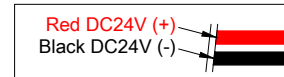
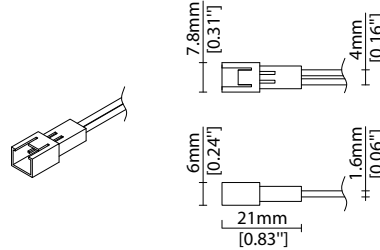
1000 D20X 1000mm (39.37") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector



Key

Control Gear Power supply, sub-controllers & control systems
 JB Junction box / cable connection

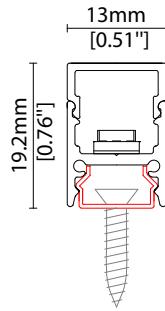
Linear

LiNi Glow 508 Accessories



MOUNTING ACCESSORIES

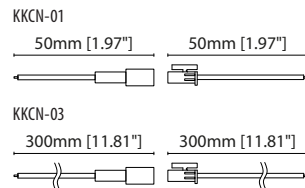
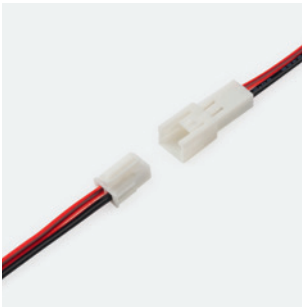
Note: Accessories are to be ordered separately with corresponding code shown below.



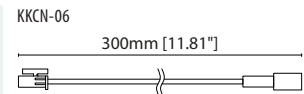
KKCP-10

Concealed clip
(allow 3 per metre/40in)
S/Steel finish
L20/W13/H19.2mm
(L0.79/W0.51/H0.76")

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

KKDM-06 1-10V
visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



IP20
Plastic housing
L170/W53.4/H28mm
(L6.69/W2.10/H1.10in)

KKSC-05 DMX
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)

Linear

LiNi Glow 508 Accessories

KKDC

KKDC CONTROL (CONTINUED)



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-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-06	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-06	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-06	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
DALI	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
	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-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-05	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-05	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-05	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-05	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