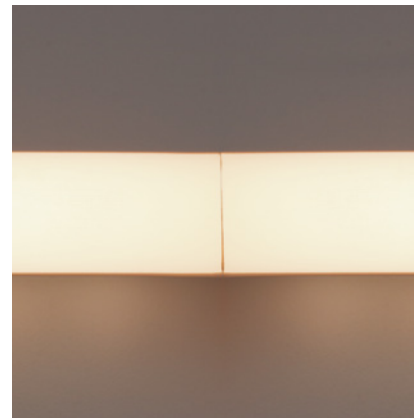


Flexible

KURV-Y Fixture Guide

KKDC

Indoor/Outdoor | Recessed | Output up to 760lm/m (232lm/ft)

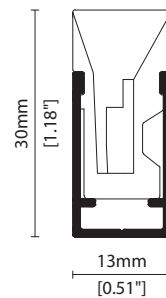


Key applications

- ✓ Architectural detail
- ✓ Bathrooms
- ✓ Building façades
- ✓ Cabinet/Furniture
- ✓ Hand rail
- ✓ Interior/Exterior
- ✓ Mirror back lighting
- ✓ Orientation lighting
- ✓ Under bench
- ✓ Window Reveal

Key features

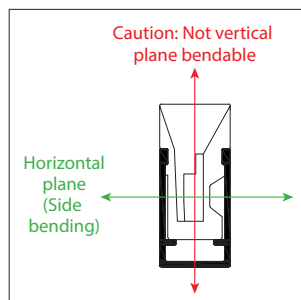
- ✓ Custom lengths
- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ Flexible
- ✓ IP67
- ✓ Output mid
- ✓ Thin light line
- ✓ Trimless



MOUNTING METHODS



KKCP-18 Mounting clip



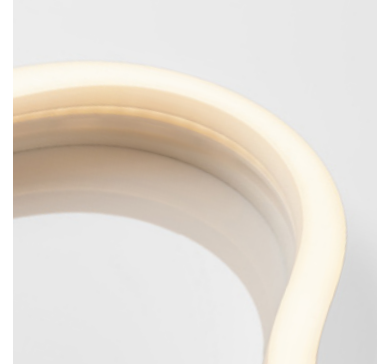
Flexible

KURV-Y

Specification sheet



Dimensions	H26.2/W13/L254 - 4004mm (H1.03/W0.51/L10-157.6in)
PCB Cut-point	62.5mm (2.46in)
LED Pitch	10.4mm - 96LED/m (0.41in - 29LED/ft)
Chip	k-line
Cover/Optics	Diffused (120°)
CCT	k-line: 2300K/2700K/3000K/3200K/4000K
LED binning	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 40°C (T _c max = 65°C) T _a = -13 to 104°F (T _c max = 149°F)
IP Rating	IP67
Finish	White
Mounting	Surface Mounting via concealed clip
Min bend radius	125mm (4.92in)
Power feed	Male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Base Grade

k-line
3-step commercial range
Energy Star CCTs

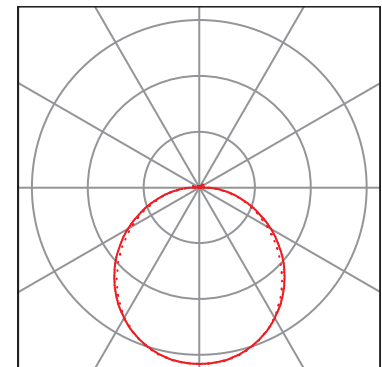
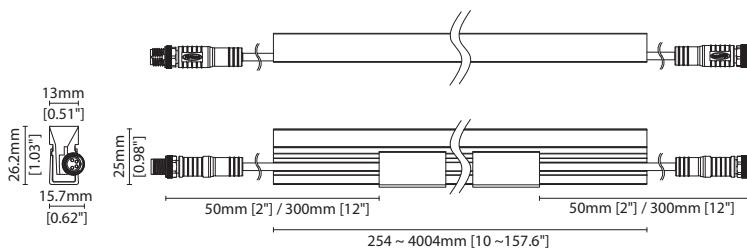
Power consumption	Supply voltage	Supply current
18W/m (5.49W/ft)	24V DC	0.71A/m (0.22A/ft)

Performance Data (3000K)

	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
k-line	760lm/m (232lm/ft)	41lm/W	92	57	-	-



— C0 / C180 cd / 1000 lm - - - C90 / C270

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

FIXTURE

Model	Cover ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input		
KURV-Y	KY	Diffused c	k	FX18 R918	2300K 23	m	254-4004mm 62.5mm increments	IP67 67	50mm/1.97" 0050	Single ø3.5mm sheath IP67 connector S67E	DC 24V g
					2700K 27						
					3000K 30						
					3200K 32						
					4000K 40						
					i	10-157.6in 2.46in increments			Double ø3.5mm sheath IP67 connector D67E		
					(Specify length code OR total run length)						

¹ Refer to **Cover/Lens 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:

KY	-	c	-	k	-	R918	-	27	-	m	-	1004	-	67	-	0300	-	D67E	-	g
KURV-Y		Diffused		k		FX18		2700K				1004mm		IP67		300mm/11.81"		Double ø3.5mm sheath IP67 connector		DC 24V

ACCESSORIES

Mounting Accessories

KKCP-18 Mounting clip

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

Connection Accessories

CN67-2P-KVM1 IP67 2 Pin male lead connector
1000mm/39.37"

CN67-2P-KVF1 IP67 2 Pin female lead connector
1000mm/39.37"

* 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)

Luminaire	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
KURV-Y	R918	760	232	18	5.49	KURV-Y	254-4004mm (10-157.6in)	62.5mm (2.46in)
KURV-Y RGB	907	Red 45 Green 133 Blue 14 RGB 180	Red 14 Green 41 Blue 4 RGB 55	15.6	4.75	KURV-Y RGB	254-2004mm (10-78.9in)	83.3mm (3.28in)
KURV-Y LEDmix	909	480	146	15.6	4.75	KURV-Y LEDmix	254-3004mm (10-118.3in)	83.3mm (3.28in)

* Performance data: k-line, diffused, 3000K

Flexible

KURV-Y

Length Availability List



Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m0254	i0010	254mm	10.00in	250mm	9.84in	N/A	N/A	4.50	185
m0317	i0012	317mm	12.46in	313mm	12.30in	N/A	N/A	5.63	231
m0379	i0015	379mm	14.92in	375mm	14.76in	N/A	N/A	6.75	277
m0442	i0017	442mm	17.38in	438mm	17.22in	N/A	N/A	7.88	323
m0504	i0020	504mm	19.84in	500mm	19.69in	N/A	N/A	9.00	369
m0567	i0022	567mm	22.30in	563mm	22.15in	N/A	N/A	10.13	415
m0629	i0025	629mm	24.76in	625mm	24.61in	N/A	N/A	11.25	461
m0692	i0027	692mm	27.22in	688mm	27.07in	N/A	N/A	12.38	507
m0754	i0030	754mm	29.69in	750mm	29.53in	N/A	N/A	13.50	554
m0817	i0032	817mm	32.15in	813mm	31.99in	N/A	N/A	14.63	600
m0879	i0035	879mm	34.61in	875mm	34.45in	N/A	N/A	15.75	646
m0942	i0037	942mm	37.07in	938mm	36.91in	N/A	N/A	16.88	692
m1004	i0040	1004mm	39.53in	1000mm	39.37in	N/A	N/A	18.00	738
m1067	i0042	1067mm	41.99in	1063mm	41.83in	N/A	N/A	19.13	784
m1129	i0044	1129mm	44.45in	1125mm	44.29in	N/A	N/A	20.25	830
m1192	i0047	1192mm	46.91in	1188mm	46.75in	N/A	N/A	21.38	876
m1254	i0049	1254mm	49.37in	1250mm	49.21in	N/A	N/A	22.50	923
m1317	i0052	1317mm	51.83in	1313mm	51.67in	N/A	N/A	23.63	969
m1379	i0054	1379mm	54.29in	1375mm	54.13in	N/A	N/A	24.75	1015
m1442	i0057	1442mm	56.75in	1438mm	56.59in	N/A	N/A	25.88	1061
m1504	i0059	1504mm	59.21in	1500mm	59.06in	N/A	N/A	27.00	1107
m1567	i0062	1567mm	61.67in	1563mm	61.52in	N/A	N/A	28.13	1153
m1629	i0064	1629mm	64.13in	1625mm	63.98in	N/A	N/A	29.25	1199
m1692	i0067	1692mm	66.59in	1688mm	66.44in	N/A	N/A	30.38	1245
m1754	i0069	1754mm	69.06in	1750mm	68.90in	N/A	N/A	31.50	1292
m1817	i0072	1817mm	71.52in	1813mm	71.36in	N/A	N/A	32.63	1338
m1879	i0074	1879mm	73.98in	1875mm	73.82in	N/A	N/A	33.75	1384
m1942	i0076	1942mm	76.44in	1938mm	76.28in	N/A	N/A	34.88	1430
m2004	i0079	2004mm	78.90in	2000mm	78.74in	N/A	N/A	36.00	1476
m2067	i0081	2067mm	81.36in	2063mm	81.20in	N/A	N/A	37.13	1522
m2129	i0084	2129mm	83.82in	2125mm	83.66in	N/A	N/A	38.25	1568
m2192	i0086	2192mm	86.28in	2188mm	86.12in	N/A	N/A	39.38	1614
m2254	i0089	2254mm	88.74in	2250mm	88.58in	N/A	N/A	40.50	1661
m2317	i0091	2317mm	91.20in	2313mm	91.04in	N/A	N/A	41.63	1707
m2379	i0094	2379mm	93.66in	2375mm	93.50in	N/A	N/A	42.75	1753
m2442	i0096	2442mm	96.12in	2438mm	95.96in	N/A	N/A	43.88	1799
m2504	i0099	2504mm	98.58in	2500mm	98.43in	N/A	N/A	45.00	1845
m2567	i0101	2567mm	101.04in	2563mm	100.89in	N/A	N/A	46.13	1891
m2629	i0104	2629mm	103.50in	2625mm	103.35in	N/A	N/A	47.25	1937
m2692	i0106	2692mm	105.96in	2688mm	105.81in	N/A	N/A	48.38	1983
m2754	i0108	2754mm	108.43in	2750mm	108.27in	N/A	N/A	49.50	2030
m2817	i0111	2817mm	110.89in	2813mm	110.73in	N/A	N/A	50.63	2076
m2879	i0113	2879mm	113.35in	2875mm	113.19in	N/A	N/A	51.75	2122

Flexible

KURV-Y

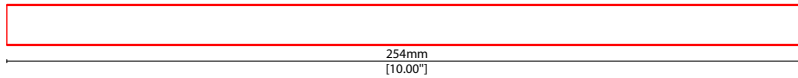
Length Availability List



Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m2942	i0116	2942mm	115.81in	2938mm	115.65in	N/A	N/A	52.88	2168
m3004	i0118	3004mm	118.27in	3000mm	118.11in	N/A	N/A	54.00	2214
m3067	i0121	3067mm	120.73in	3063mm	120.57in	N/A	N/A	55.13	2260
m3129	i0123	3129mm	123.19in	3125mm	123.03in	N/A	N/A	56.25	2306
m3192	i0126	3192mm	125.65in	3188mm	125.49in	N/A	N/A	57.38	2352
m3254	i0128	3254mm	128.11in	3250mm	127.95in	N/A	N/A	58.50	2399
m3317	i0131	3317mm	130.57in	3313mm	130.41in	N/A	N/A	59.63	2445
m3379	i0133	3379mm	133.03in	3375mm	132.87in	N/A	N/A	60.75	2491
m3442	i0135	3442mm	135.49in	3438mm	135.33in	N/A	N/A	61.88	2537
m3504	i0138	3504mm	137.95in	3500mm	137.80in	N/A	N/A	63.00	2583
m3567	i0140	3567mm	140.41in	3563mm	140.26in	N/A	N/A	64.13	2629
m3629	i0143	3629mm	142.87in	3625mm	142.72in	N/A	N/A	65.25	2675
m3692	i0145	3692mm	145.33in	3688mm	145.18in	N/A	N/A	66.38	2721
m3754	i0148	3754mm	147.80in	3750mm	147.64in	N/A	N/A	67.50	2768
m3817	i0150	3817mm	150.26in	3813mm	150.10in	N/A	N/A	68.63	2814
m3879	i0153	3879mm	152.72in	3875mm	152.56in	N/A	N/A	69.75	2860
m3942	i0155	3942mm	155.18in	3938mm	155.02in	N/A	N/A	70.88	2906
m4004	i0158	4004mm	157.64in	4000mm	157.48in	N/A	N/A	72.00	2952

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

² Actual length of PCB strip



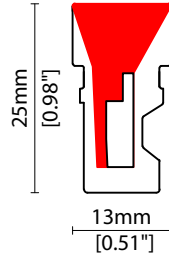


KURV-Y Options



COVER/LENS OPTIONS

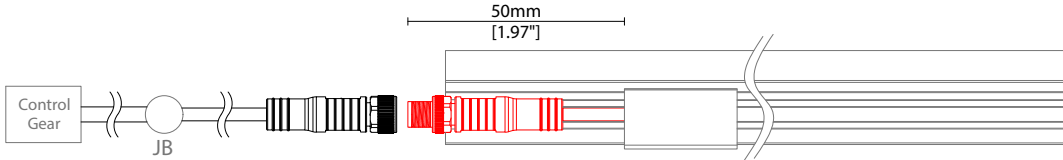
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



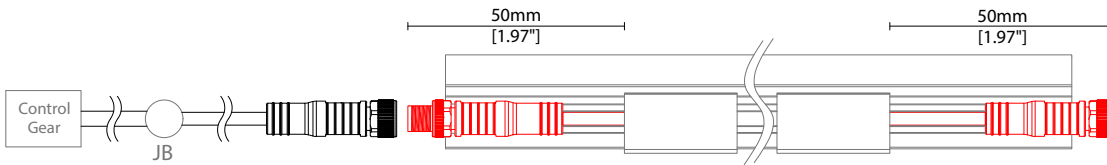
C Diffused Cover
W13/H25mm (W0.51/H0.98")

POWER FEED OPTIONS

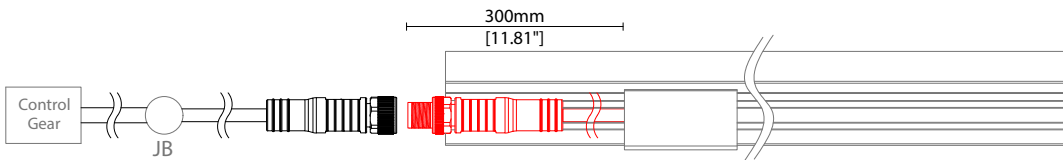
0050 S67E 50mm (1.97") Single ø3.5mm sheath IP67 male connector



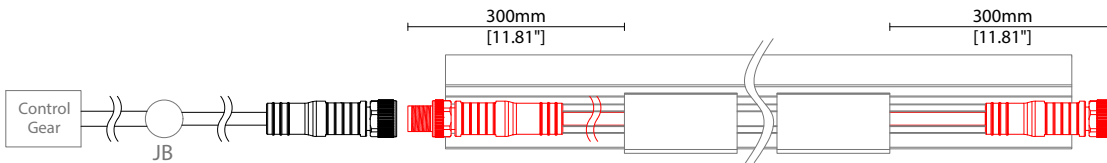
0050 D67E 50mm (1.97") Double ø3.5mm sheath IP67 connector



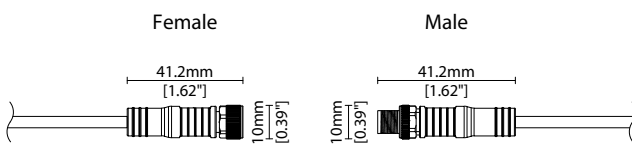
0300 S67E 300mm (11.81") Single ø3.5mm sheath IP67 male connector



0300 D67E 300mm (11.81") Double ø3.5mm sheath IP67 connector



IP67 2 Pin Connector



Key

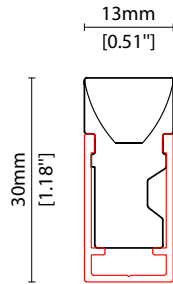
Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection



MOUNTING ACCESSORIES

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



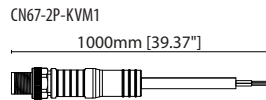
KKCP-18

Mounting clip
(allow of 3 per metre/40")
Note: number of clips may depend on design

Anodised aluminium finish

L30/W13/H30mm
(L1.18/W0.51/H1.18")

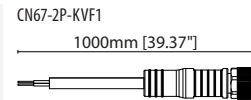
POWER FEED



IP67

CN67-2P-KVM1

IP67
2 Pin male lead connector
1000mm (39.37in)



IP67

CN67-2P-KVF1

IP67
2 Pin female lead connector
1000mm (39.37in)

EXTERIOR JUNCTION BOXES



KKJB-07

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



KKJB-07R

Potting resin for IP67 Slim J-Box

Flexible

KURV-Y Accessories

KKDC

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)



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