



# KURV-Y RGB Fixture Guide



 Indoor/Outdoor | Recessed | RGB output

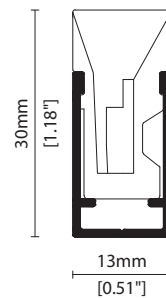


## Key applications

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

## Key features

- ✓ Custom lengths
- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Flexible
- ✓ IP67
- ✓ RGB
- ✓ Thin light line
- ✓ Trimless



## MOUNTING METHODS



KKCP-18 Mounting clip

Flexible

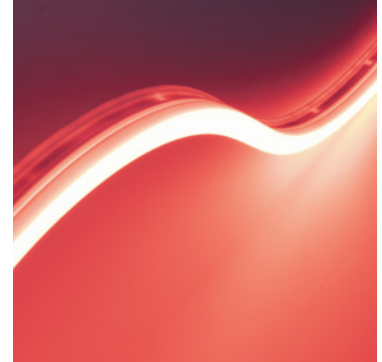
# KURV-Y RGB

## Specification sheet

# KKDÖ



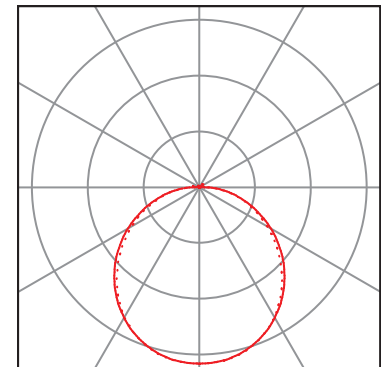
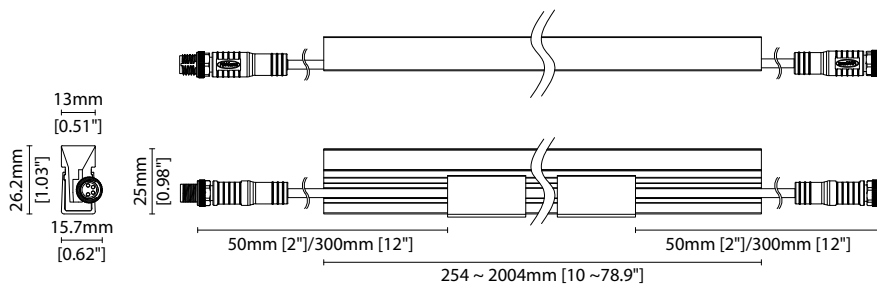
<b>Dimensions</b>	H26.2/W13/L254 - 2004mm (H1.03/W0.51/L10-78.90in)
<b>PCB Cut-point</b>	83.3mm (3.28in)
<b>LED Pitch</b>	13.9mm - 72 LED/m (0.55in - 22LED/ft)
<b>Chip</b>	RGB
<b>Cover/Optics</b>	Diffused (120°)
<b>CCT</b>	Red 620-625nm/Blue 455-460nm/Green 520-525nm
<b>LED binning</b>	5nm tolerance
<b>CRI</b>	N/A
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	$T_a = -25$ to $40^\circ\text{C}$ ( $T_c \text{ max} = 66^\circ\text{C}$ ) $T_a = -13$ to $104^\circ\text{F}$ ( $T_c \text{ max} = 151^\circ\text{F}$ )
<b>IP Rating</b>	IP67
<b>Finish</b>	White
<b>Mounting</b>	Surface Mounting via concealed clip
<b>Min bend radius</b>	125mm (4.92in)
<b>Power feed</b>	Male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



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

### Diffused Cover

Red: 45lm/m (14lm/ft)  
Green: 133lm/m (41lm/ft)  
Blue: 14lm/m (4lm/ft)  
RGB: 180lm/m (55lm/ft)



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

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

See KKDC website for product document updates.

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

KURVYRGBS-03.04EN-20240510

Flexible

# KURV-Y RGB

## Code Table

# KKDC

### FIXTURE

Model	Cover <sup>1</sup>	Grade	LED	Colour (CCT)	Length Availability <sup>2</sup>	IP	Cable Length	Power Feed <sup>3</sup>	Input								
KURV-Y	KY	Diffused	c	s	P-FX RGB	907	RGB	RGB	m	254-2004mm 83.3mm increments	IP67	67	50mm/1.97" 0050	300mm/11.81" 0300	Single ø4.3mm sheath IP67 connector S67A	DC 24V	g
					i	10-78.90in 3.28in increments									Double ø4.3mm sheath IP67 connector D67A		
										(Specify length code OR total run length)							

<sup>1</sup> Refer to **Cover/Lens Options** on **Options** pages

<sup>2</sup> Refer to **Length Availability List** or enter total run length instead of length code

<sup>3</sup> Refer to **Power Feed Options** on **Options** pages

### Code Example:

KY	-	c	-	s	-	907	-	RGB	-	m	1004	-	67	-	0300	-	D67A	-	g
KURV-Y		Diffused				P-FX RGB		RGB		1003.7mm		IP67		300mm/11.81"		Double ø4.3mm sheath IP67 connector		DC 24V	

### ACCESSORIES

#### Mounting Accessories

KKCP-18 Mounting clip

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

#### Connection Accessories

CN67-4P-KVM1 IP67 4 Pin RGB/LEDmix male lead connector 1000mm/39.37"

CN67-4P-KVF1 IP67 4 Pin RGB/LEDmix 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 options

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: diffused, RGB

Flexible

# KURV-Y RGB

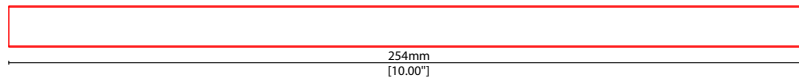
## Length Availability List

# KKDC

Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension		Wattage (W)	Output (lm)			
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		R	G	B	W
m0254	i0010	254mm	10.00in	250mm	9.84in	N/A	N/A	3.90	11	33	3	45
m0337	i0013	337mm	13.28in	333mm	13.12in	N/A	N/A	5.20	15	44	5	60
m0421	i0017	421mm	16.56in	417mm	16.40in	N/A	N/A	6.50	19	55	6	75
m0504	i0020	504mm	19.84in	500mm	19.69in	N/A	N/A	7.80	22	66	7	90
m0587	i0023	587mm	23.12in	583mm	22.97in	N/A	N/A	9.10	26	78	8	105
m0671	i0026	671mm	26.41in	667mm	26.25in	N/A	N/A	10.40	30	89	9	120
m0754	i0030	754mm	29.69in	750mm	29.53in	N/A	N/A	11.70	34	100	10	135
m0837	i0033	837mm	32.97in	833mm	32.81in	N/A	N/A	13.00	37	111	12	150
m0921	i0036	921mm	36.25in	917mm	36.09in	N/A	N/A	14.30	41	122	13	165
m1004	i0040	1004mm	39.53in	1000mm	39.37in	N/A	N/A	15.60	45	133	14	180
m1087	i0043	1087mm	42.81in	1083mm	42.65in	N/A	N/A	16.90	49	144	15	195
m1171	i0046	1171mm	46.09in	1167mm	45.93in	N/A	N/A	18.20	52	155	16	210
m1254	i0049	1254mm	49.37in	1250mm	49.22in	N/A	N/A	19.50	56	166	17	225
m1337	i0053	1337mm	52.65in	1333mm	52.50in	N/A	N/A	20.80	60	177	19	240
m1421	i0056	1421mm	55.94in	1417mm	55.78in	N/A	N/A	22.10	64	188	20	255
m1504	i0059	1504mm	59.22in	1500mm	59.06in	N/A	N/A	23.40	67	199	21	270
m1587	i0062	1587mm	62.50in	1583mm	62.34in	N/A	N/A	24.70	71	210	22	285
m1671	i0066	1671mm	65.78in	1667mm	65.62in	N/A	N/A	26.00	75	222	23	300
m1754	i0069	1754mm	69.06in	1750mm	68.90in	N/A	N/A	27.30	79	233	24	315
m1837	i0072	1837mm	72.34in	1833mm	72.18in	N/A	N/A	28.60	82	244	26	330
m1921	i0076	1921mm	75.62in	1917mm	75.46in	N/A	N/A	29.90	86	255	27	345
m2004	i0079	2004mm	78.90in	2000mm	78.75in	N/A	N/A	31.20	90	266	28	360

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

<sup>2</sup> Actual length of PCB strip





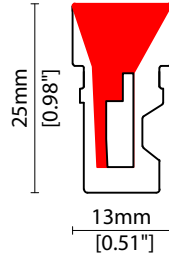
# KURV-Y RGB

## Options



### COVER/LENS OPTIONS

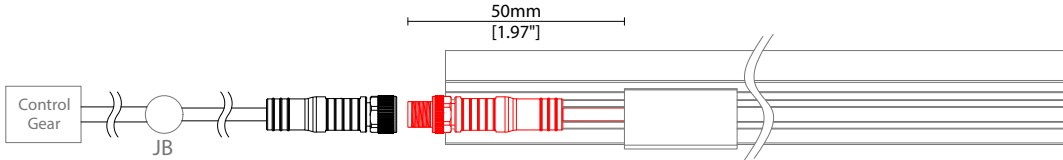
\* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



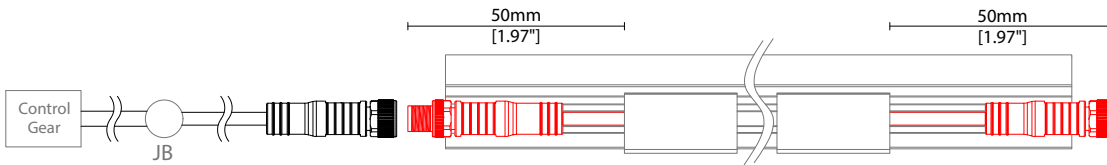
**C** Diffused Cover  
W13/H25mm (W0.51/H0.98")

### POWER FEED OPTIONS

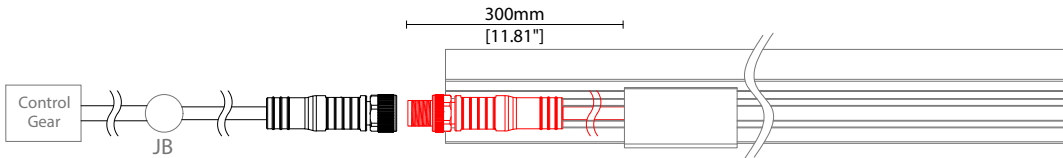
0050 S67A 50mm (1.97") Single  $\varnothing$ 4.3mm sheath IP67 male connector



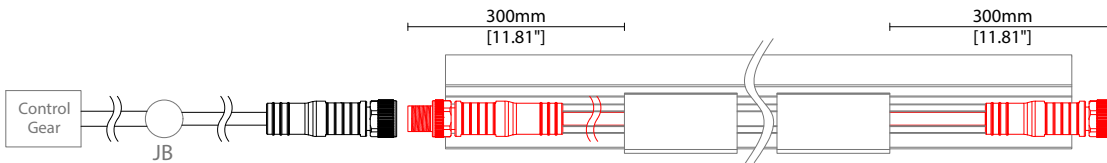
0050 D67A 50mm (1.97") Double  $\varnothing$ 4.3mm sheath IP67 connector



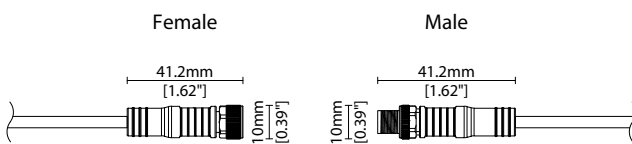
0300 S67A 300mm (11.81") Single  $\varnothing$ 4.3mm sheath IP67 male connector



0300 D67A 300mm (11.81") Double  $\varnothing$ 4.3mm sheath IP67 connector



### IP67 4 Pin Connector



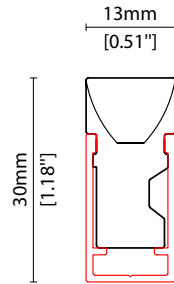
### Key

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.



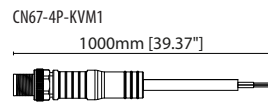
#### KKCP-18

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")

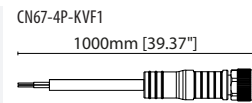
### POWER FEED



IP67

#### CN67-4P-KVM1

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



IP67

#### CN67-4P-KVF1

IP67  
4 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 RGB 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

<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