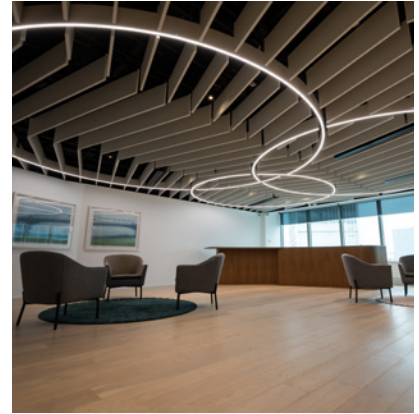


Flexible

# FX 18 Fixture Guide

# KKDÖ

Indoor/Outdoor | Surface | Output up to 1806lm/m (551lm/ft)



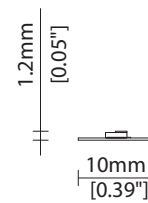
## Key applications

- ✓ Architectural detail
- ✓ Backlighting & signage
- ✓ Bathrooms
- ✓ Cabinet & furniture
- ✓ Cove lighting
- ✓ Display case
- ✓ Hand rail
- ✓ Indirect lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Shelving display
- ✓ Wet area

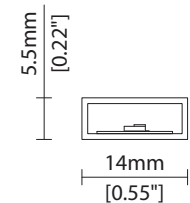
## Key features

- ✓ Custom lengths
- ✓ Cutable (IP20)
- ✓ Constant Voltage (CV)
- ✓ Diffusion: spotting
- ✓ Extensive CCT range
- ✓ IP20 dry area
- ✓ IP65 water resistant

## FX 18 IP20



## FX 18 IP65



## MOUNTING METHODS



KKCP-07 Side clip (IP20)



KKCP-08 Side clip (IP65)



KKBK-14 Silicone bracket (IP65)



# FX 18

## Specification sheet



<b>Dimensions</b>	IP20: H1.2/W10/L125-4000mm (H0.05/W0.39/L4.92-157.48in) IP65: H5.5/W14/L127-4002mm (H0.22/W0.55/L5.00-157.56in)
<b>PCB Cut-point</b>	Power connection and cut points every 62.5mm (2.46in).
<b>LED Pitch</b>	10.4mm - 96LED/m (0.41in - 29LED/ft)
<b>Chip</b>	<b>s-line</b> <b>k-line</b>
<b>Cover/Optics</b>	No cover (110°)
<b>CCT</b>	<b>s-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K <b>k-line:</b> 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
<b>LED binning</b>	<b>s-line:</b> 2-step MacAdam ellipse <b>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>	IP20: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 67°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 152.6°F) IP65: T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 67°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 152.6°F)
<b>IP Rating</b>	IP20/65
<b>Finish</b>	Silicone Cover for IP65
<b>Mounting</b>	3M double sided tape (IP20), Surface mounting clips (IP65)
<b>Min bend radius</b>	IP20 = Ø20mm (0.79in)/IP65 = Ø35mm (1.38in)
<b>Power feed</b>	Hardwire tails or male/female connectors (IP20/IP65)
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

#### Exclusive Grade

**s** s-line\*  
2-step CCT range

\*KKDC tuned  
CCT range

#### Base Grade

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

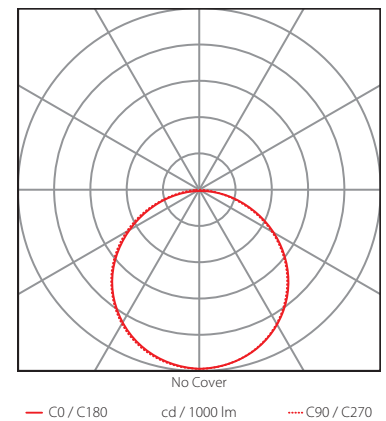
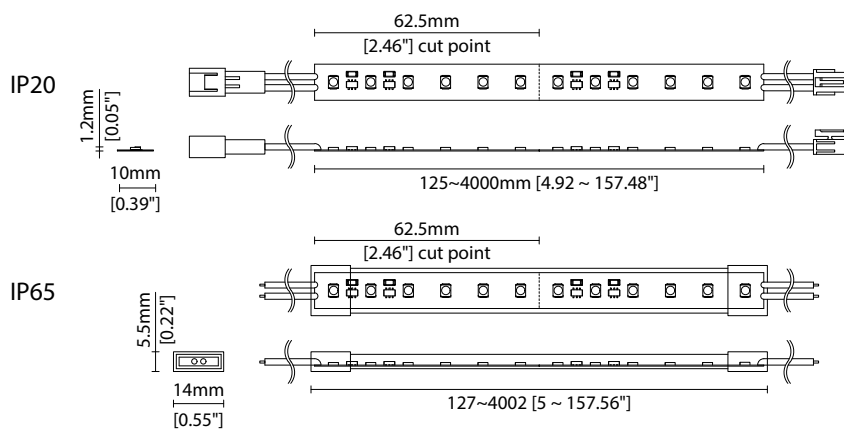
<b>Power consumption</b>	<b>Supply voltage</b>	<b>Supply current</b>
18W/m (5.49W/ft)	24V DC	0.71A/m (0.22A/m)

### Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>k-line</b>	92	96	97	90	91	94	91	82	60	89	90	74	93	98

	<b>No Cover</b>		<b>IP65</b>		<b>CRI</b>	<b>R9</b>	<b>Rf</b>	<b>Rg</b>
<b>s-line</b>	1806lm/m (551lm/ft) 90.3lm/W		1726lm/m (526lm/ft) 86.3lm/W		93	61	-	-
<b>k-line</b>	1704lm/m (519lm/ft) 85.2lm/W		1628lm/m (496lm/ft) 81.4lm/W		92	60	-	-



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



# FX 18 Code Table



## FIXTURE

Model	Grade <sup>1</sup>	LED	Colour (CCT)		Length Availability <sup>2</sup>		IP		Cable Length		Power Feed <sup>3</sup>		Input											
			FX18	R918	1900K	19	IP20	m	125-4000mm 62.5mm increments	IP20	20	50mm (1.97in)	0050	IP20 Single no sheath connector <sup>4</sup>	S20X	DC 24V	g							
FX 18	FX  s k	FX18 R918	2100K	21	IP20	m	125-4000mm 62.5mm increments	IP20	20	50mm (1.97in)	0050	IP20 Single no sheath connector <sup>4</sup>	S20X	DC 24V	g									
			2300K	23												IP65	m	127-4002mm 62.5mm increments	IP65	65	300mm (11.81in)	0300	IP20 Double no sheath connector <sup>4</sup>	D20X
			2500K	25																				
			2700K	27												IP65	i	5.00-157.56in 2.46in increments	IP65 Double no sheath tail	D00X				
			3000K	30																	(Specify length code OR total run length)			
			3500K	35																				
			4000K	40																				
			5000K	50																				

<sup>1</sup> Refer to **LED Grading Key** on **Specification sheet** page    <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

<sup>4</sup> Not available for IP65

## Code Example:

FX	-	s	-	R918	-	35	-	m	-	500	-	20	-	0050	-	D20X	-	g
FX 18				FX18		3500K		m		500mm		IP20		50mm (1.97in)		Double no sheath IP20 connector		DC 24V

## ACCESSORIES

### Mounting Accessories

	Side clip (IP20)
	Side clip (IP65)
	Silicone bracket (IP65)

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

### Connection Accessories

	2 PIN male & female 50mm (1.97in) pair
	2 PIN male & female 300mm (11.81in) pair
	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)

Luminaire	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
FX 07	R907	671	204	7	2.13	FX 07	IP20: 125-7000mm (4.92-275.59in) IP65: 127-7002mm (5.00-275.67in)	62.5mm (2.46in)
FX 14	R914	1450	442	15	4.57	FX 14	IP20: 125-4000mm (4.92-157.48in) IP65: 127-4002mm (5.00-157.56in)	62.5mm (2.46in)
<b>FX 18</b>	<b>R918</b>	<b>1740</b>	<b>530</b>	<b>18</b>	<b>5.49</b>	<b>FX 18</b>	<b>IP20: 125-4000mm (4.92-157.48in) IP65: 127-4002mm (5.00-157.56in)</b>	<b>62.5mm (2.46in)</b>
FX RGB	907	Red 140 Green 378 Blue 74 RGB 546	Red 43 Green 115 Blue 23 RGB 166	15.6	4.75	FX RGB	IP20: 167-2000mm (6.57-78.74in) IP65: 169-2002mm (5.00-78.82in)	83.3mm (3.27in)

\* Performance data: s-line, no cover, 3000K

Flexible

# FX 18 (IP20)

## 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)
m0125	i0005	125mm	4.92in	125mm	4.92in	N/A	N/A	2.25	192
m0188	i0007	188mm	7.38in	188mm	7.38in	N/A	N/A	3.38	288
m0250	i0010	250mm	9.84in	250mm	9.84in	N/A	N/A	4.50	383
m0313	i0012	313mm	12.30in	313mm	12.30in	N/A	N/A	5.63	479
m0375	i0015	375mm	14.76in	375mm	14.76in	N/A	N/A	6.75	575
m0438	i0017	438mm	17.22in	438mm	17.22in	N/A	N/A	7.88	671
m0500	i0020	500mm	19.69in	500mm	19.69in	N/A	N/A	9.00	767
m0563	i0022	563mm	22.15in	563mm	22.15in	N/A	N/A	10.13	863
m0625	i0025	625mm	24.61in	625mm	24.61in	N/A	N/A	11.25	959
m0688	i0027	688mm	27.07in	688mm	27.07in	N/A	N/A	12.38	1054
m0750	i0030	750mm	29.53in	750mm	29.53in	N/A	N/A	13.50	1150
m0813	i0032	813mm	31.99in	813mm	31.99in	N/A	N/A	14.63	1246
m0875	i0034	875mm	34.45in	875mm	34.45in	N/A	N/A	15.75	1342
m0938	i0037	938mm	36.91in	938mm	36.91in	N/A	N/A	16.88	1438
m1000	i0039	1000mm	39.37in	1000mm	39.37in	N/A	N/A	18.00	1534
m1063	i0042	1063mm	41.83in	1063mm	41.83in	N/A	N/A	19.13	1629
m1125	i0044	1125mm	44.29in	1125mm	44.29in	N/A	N/A	20.25	1725
m1188	i0047	1188mm	46.75in	1188mm	46.75in	N/A	N/A	21.38	1821
m1250	i0049	1250mm	49.21in	1250mm	49.21in	N/A	N/A	22.50	1917
m1313	i0052	1313mm	51.67in	1313mm	51.67in	N/A	N/A	23.63	2013
m1375	i0054	1375mm	54.13in	1375mm	54.13in	N/A	N/A	24.75	2109
m1438	i0057	1438mm	56.59in	1438mm	56.59in	N/A	N/A	25.88	2205
m1500	i0059	1500mm	59.06in	1500mm	59.06in	N/A	N/A	27.00	2300
m1563	i0062	1563mm	61.52in	1563mm	61.52in	N/A	N/A	28.13	2396
m1625	i0064	1625mm	63.98in	1625mm	63.98in	N/A	N/A	29.25	2492
m1688	i0066	1688mm	66.44in	1688mm	66.44in	N/A	N/A	30.38	2588
m1750	i0069	1750mm	68.90in	1750mm	68.90in	N/A	N/A	31.50	2684
m1813	i0071	1813mm	71.36in	1813mm	71.36in	N/A	N/A	32.63	2780
m1875	i0074	1875mm	73.82in	1875mm	73.82in	N/A	N/A	33.75	2876
m1938	i0076	1938mm	76.28in	1938mm	76.28in	N/A	N/A	34.88	2971
m2000	i0079	2000mm	78.74in	2000mm	78.74in	N/A	N/A	36.00	3067
m2063	i0081	2063mm	81.20in	2063mm	81.20in	N/A	N/A	37.13	3163
m2125	i0084	2125mm	83.66in	2125mm	83.66in	N/A	N/A	38.25	3259
m2188	i0086	2188mm	86.12in	2188mm	86.12in	N/A	N/A	39.38	3355
m2250	i0089	2250mm	88.58in	2250mm	88.58in	N/A	N/A	40.50	3451
m2313	i0091	2313mm	91.04in	2313mm	91.04in	N/A	N/A	41.63	3546
m2375	i0094	2375mm	93.50in	2375mm	93.50in	N/A	N/A	42.75	3642
m2438	i0096	2438mm	95.96in	2438mm	95.96in	N/A	N/A	43.88	3738
m2500	i0098	2500mm	98.43in	2500mm	98.43in	N/A	N/A	45.00	3834
m2563	i0101	2563mm	100.89in	2563mm	100.89in	N/A	N/A	46.13	3930
m2625	i0103	2625mm	103.35in	2625mm	103.35in	N/A	N/A	47.25	4026
m2688	i0106	2688mm	105.81in	2688mm	105.81in	N/A	N/A	48.38	4122
m2750	i0108	2750mm	108.27in	2750mm	108.27in	N/A	N/A	49.50	4217

Flexible

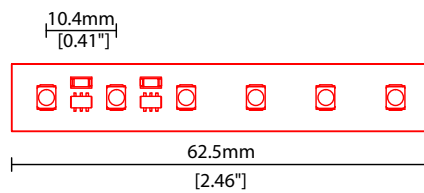
# FX 18 (IP20) Length Availability List

# KKDC

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)
m2813	i0111	2813mm	110.73in	2813mm	110.73in	N/A	N/A	50.63	4313
m2875	i0113	2875mm	113.19in	2875mm	113.19in	N/A	N/A	51.75	4409
m2938	i0116	2938mm	115.65in	2938mm	115.65in	N/A	N/A	52.88	4505
m3000	i0118	3000mm	118.11in	3000mm	118.11in	N/A	N/A	54.00	4601
m3063	i0121	3063mm	120.57in	3063mm	120.57in	N/A	N/A	55.13	4697
m3125	i0123	3125mm	123.03in	3125mm	123.03in	N/A	N/A	56.25	4793
m3188	i0125	3188mm	125.49in	3188mm	125.49in	N/A	N/A	57.38	4888
m3250	i0128	3250mm	127.95in	3250mm	127.95in	N/A	N/A	58.50	4984
m3313	i0130	3313mm	130.41in	3313mm	130.41in	N/A	N/A	59.63	5080
m3375	i0133	3375mm	132.87in	3375mm	132.87in	N/A	N/A	60.75	5176
m3438	i0135	3438mm	135.33in	3438mm	135.33in	N/A	N/A	61.88	5272
m3500	i0138	3500mm	137.80in	3500mm	137.80in	N/A	N/A	63.00	5368
m3563	i0140	3563mm	140.26in	3563mm	140.26in	N/A	N/A	64.13	5463
m3625	i0143	3625mm	142.72in	3625mm	142.72in	N/A	N/A	65.25	5559
m3688	i0145	3688mm	145.18in	3688mm	145.18in	N/A	N/A	66.38	5655
m3750	i0148	3750mm	147.64in	3750mm	147.64in	N/A	N/A	67.50	5751
m3813	i0150	3813mm	150.10in	3813mm	150.10in	N/A	N/A	68.63	5847
m3875	i0153	3875mm	152.56in	3875mm	152.56in	N/A	N/A	69.75	5943
m3938	i0155	3938mm	155.02in	3938mm	155.02in	N/A	N/A	70.88	6039
m4000	i0157	4000mm	157.48in	4000mm	157.48in	N/A	N/A	72.00	6134

<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



Note: 125mm is the minimum order length

Flexible

# FX 18 (IP65)

## 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)
m0127	i0005	127mm	5.00in	125mm	4.92in	2mm	0.08in	2.25	183
m0190	i0007	190mm	7.46in	188mm	7.38in	2mm	0.08in	3.38	275
m0252	i0010	252mm	9.92in	250mm	9.84in	2mm	0.08in	4.50	366
m0315	i0012	315mm	12.38in	313mm	12.30in	2mm	0.08in	5.63	458
m0377	i0015	377mm	14.84in	375mm	14.76in	2mm	0.08in	6.75	549
m0440	i0017	440mm	17.30in	438mm	17.22in	2mm	0.08in	7.88	641
m0502	i0020	502mm	19.76in	500mm	19.69in	2mm	0.08in	9.00	733
m0565	i0022	565mm	22.22in	563mm	22.15in	2mm	0.08in	10.13	824
m0627	i0025	627mm	24.69in	625mm	24.61in	2mm	0.08in	11.25	916
m0690	i0027	690mm	27.15in	688mm	27.07in	2mm	0.08in	12.38	1007
m0752	i0030	752mm	29.61in	750mm	29.53in	2mm	0.08in	13.50	1099
m0815	i0032	815mm	32.07in	813mm	31.99in	2mm	0.08in	14.63	1190
m0877	i0035	877mm	34.53in	875mm	34.45in	2mm	0.08in	15.75	1282
m0940	i0037	940mm	36.99in	938mm	36.91in	2mm	0.08in	16.88	1374
m1002	i0039	1002mm	39.45in	1000mm	39.37in	2mm	0.08in	18.00	1465
m1065	i0042	1065mm	41.91in	1063mm	41.83in	2mm	0.08in	19.13	1557
m1127	i0044	1127mm	44.37in	1125mm	44.29in	2mm	0.08in	20.25	1648
m1190	i0047	1190mm	46.83in	1188mm	46.75in	2mm	0.08in	21.38	1740
m1252	i0049	1252mm	49.29in	1250mm	49.21in	2mm	0.08in	22.50	1832
m1315	i0052	1315mm	51.75in	1313mm	51.67in	2mm	0.08in	23.63	1923
m1377	i0054	1377mm	54.21in	1375mm	54.13in	2mm	0.08in	24.75	2015
m1440	i0057	1440mm	56.67in	1438mm	56.59in	2mm	0.08in	25.88	2106
m1502	i0059	1502mm	59.13in	1500mm	59.06in	2mm	0.08in	27.00	2198
m1565	i0062	1565mm	61.59in	1563mm	61.52in	2mm	0.08in	28.13	2289
m1627	i0064	1627mm	64.06in	1625mm	63.98in	2mm	0.08in	29.25	2381
m1690	i0067	1690mm	66.52in	1688mm	66.44in	2mm	0.08in	30.38	2473
m1752	i0069	1752mm	68.98in	1750mm	68.90in	2mm	0.08in	31.50	2564
m1815	i0071	1815mm	71.44in	1813mm	71.36in	2mm	0.08in	32.63	2656
m1877	i0074	1877mm	73.90in	1875mm	73.82in	2mm	0.08in	33.75	2747
m1940	i0076	1940mm	76.36in	1938mm	76.28in	2mm	0.08in	34.88	2839
m2002	i0079	2002mm	78.82in	2000mm	78.74in	2mm	0.08in	36.00	2930
m2065	i0081	2065mm	81.28in	2063mm	81.20in	2mm	0.08in	37.13	3022
m2127	i0084	2127mm	83.74in	2125mm	83.66in	2mm	0.08in	38.25	3114
m2190	i0086	2190mm	86.20in	2188mm	86.12in	2mm	0.08in	39.38	3205
m2252	i0089	2252mm	88.66in	2250mm	88.58in	2mm	0.08in	40.50	3297
m2315	i0091	2315mm	91.12in	2313mm	91.04in	2mm	0.08in	41.63	3388
m2377	i0094	2377mm	93.58in	2375mm	93.50in	2mm	0.08in	42.75	3480
m2440	i0096	2440mm	96.04in	2438mm	95.96in	2mm	0.08in	43.88	3571
m2502	i0099	2502mm	98.50in	2500mm	98.43in	2mm	0.08in	45.00	3663
m2565	i0101	2565mm	100.96in	2563mm	100.89in	2mm	0.08in	46.13	3755
m2627	i0103	2627mm	103.43in	2625mm	103.35in	2mm	0.08in	47.25	3846
m2690	i0106	2690mm	105.89in	2688mm	105.81in	2mm	0.08in	48.38	3938
m2752	i0108	2752mm	108.35in	2750mm	108.27in	2mm	0.08in	49.50	4029

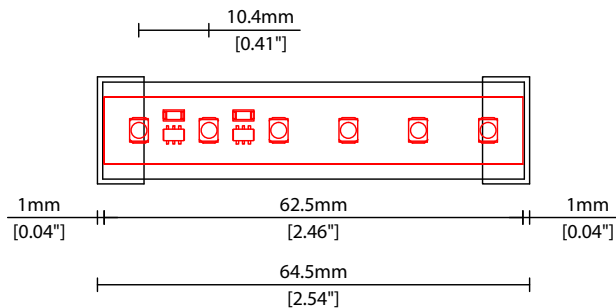
# FX 18 (IP65) Length Availability List

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)
m2815	i0111	2815mm	110.81in	2813mm	110.73in	2mm	0.08in	50.63	4121
m2877	i0113	2877mm	113.27in	2875mm	113.19in	2mm	0.08in	51.75	4212
m2940	i0116	2940mm	115.73in	2938mm	115.65in	2mm	0.08in	52.88	4304
m3002	i0118	3002mm	118.19in	3000mm	118.11in	2mm	0.08in	54.00	4396
m3065	i0121	3065mm	120.65in	3063mm	120.57in	2mm	0.08in	55.13	4487
m3127	i0123	3127mm	123.11in	3125mm	123.03in	2mm	0.08in	56.25	4579
m3190	i0126	3190mm	125.57in	3188mm	125.49in	2mm	0.08in	57.38	4670
m3252	i0128	3252mm	128.03in	3250mm	127.95in	2mm	0.08in	58.50	4762
m3315	i0130	3315mm	130.49in	3313mm	130.41in	2mm	0.08in	59.63	4853
m3377	i0133	3377mm	132.95in	3375mm	132.87in	2mm	0.08in	60.75	4945
m3440	i0135	3440mm	135.41in	3438mm	135.33in	2mm	0.08in	61.88	5037
m3502	i0138	3502mm	137.87in	3500mm	137.80in	2mm	0.08in	63.00	5128
m3565	i0140	3565mm	140.33in	3563mm	140.26in	2mm	0.08in	64.13	5220
m3627	i0143	3627mm	142.80in	3625mm	142.72in	2mm	0.08in	65.25	5311
m3690	i0145	3690mm	145.26in	3688mm	145.18in	2mm	0.08in	66.38	5403
m3752	i0148	3752mm	147.72in	3750mm	147.64in	2mm	0.08in	67.50	5495
m3815	i0150	3815mm	150.18in	3813mm	150.10in	2mm	0.08in	68.63	5586
m3877	i0153	3877mm	152.64in	3875mm	152.56in	2mm	0.08in	69.75	5678
m3940	i0155	3940mm	155.10in	3938mm	155.02in	2mm	0.08in	70.88	5769
m4002	i0158	4002mm	157.56in	4000mm	157.48in	2mm	0.08in	72.00	5861

<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

<sup>3</sup> Actual length of 2x end caps

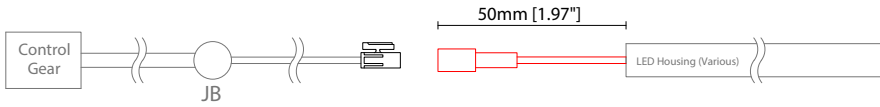


Note: 127mm is the minimum order length

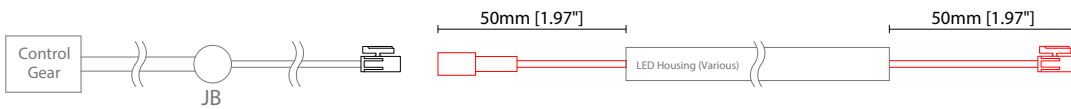
### POWER FEED OPTIONS

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

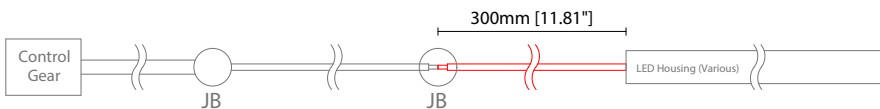
#### 0050 S20X 50mm (1.97") Single no sheath IP20 connector



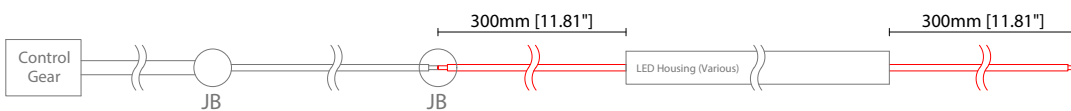
#### 0050 D20X 50mm (1.97") Double no sheath IP20 connector



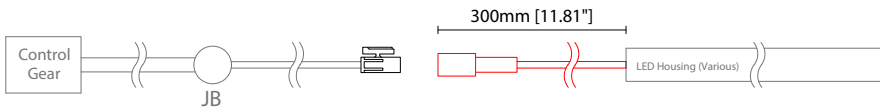
#### 0300 S00X 300mm (11.81") Single no sheath tail



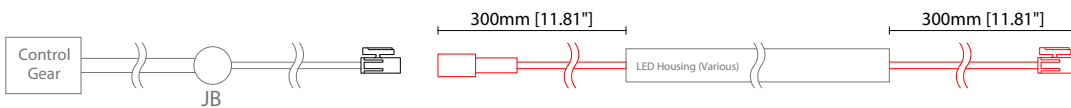
#### 0300 D00X 300mm (11.81") Double no sheath tail



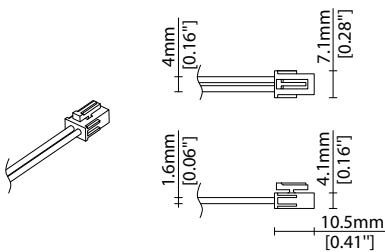
#### 0300 S20X 300mm (11.81") Single no sheath IP20 connector



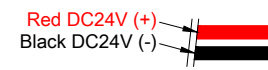
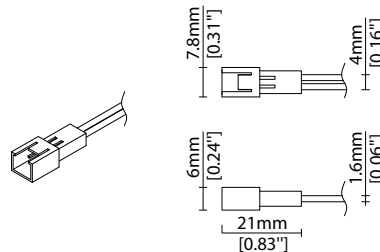
#### 0300 D20X 300mm (11.81") Double no sheath IP20 connector



### 2 Pin Female Connector



### 2 Pin Male Connector



### Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection



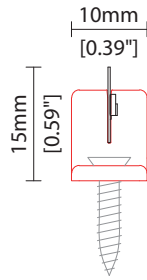
### MOUNTING ACCESSORIES

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



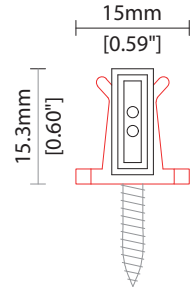
**KKCP-07**

Side clip  
(allow 4 per metre/40in)  
White plastic  
L10/W10/H15mm  
(L0.39/W0.39/H0.59")



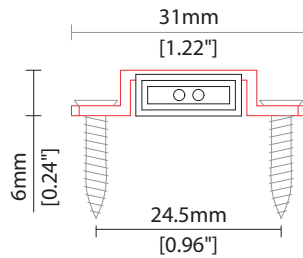
**KKCP-08**

IP65 side clip  
(allow 4 per metre/40in)  
Clear plastic  
L20/W15/H15.3mm  
(L0.78/W0.59/H0.6")

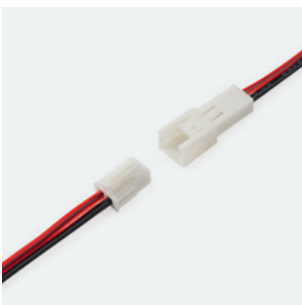


**KKBK-14**

IP65 silicone bracket  
(allow 4 per metre/40in)  
Translucent silicone  
L6/W31/H6mm  
(L0.24/W1.22/H0.24")



### POWER FEED



**KKCN-01**

**KKCN-03**

**KKCN-01** 50mm (1.97in) pair  
**KKCN-03** 300mm (11.81in) pair  
2 PIN male + female connector set



**KKCN-06**

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

Flexible

# FX 18 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)



# FX Driver/PSU Options



## 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