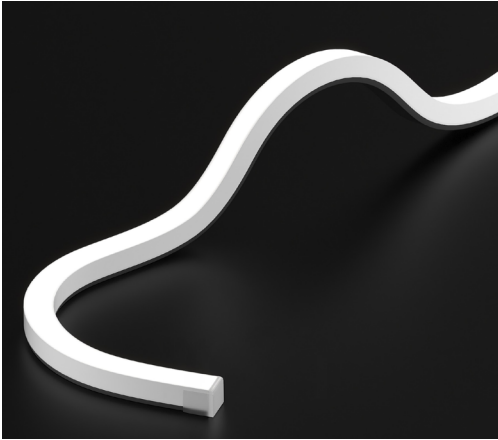


Kurba Large 3D Bending Static White



Features

Kurba Large 3D Bending is a dot free direct view, highly versatile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends and vertical/top bends with a 300mm bending diameter. The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulation.

Applications

Indoor/Outdoor dry & wet location

Materials

Silicone for red list approved, as well as heat, weather, UV, and solvent resistance

Dimming

Dimable down to 1%. Dot Free even illumination.

Average Life (L70)

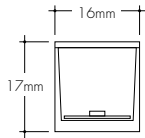
50,000 hours

Approvals

CE, UKCA, UL, Class 2, IP68

Warranty

5 years



Finish Options (see page 2 for additional information)

Base ☐ White



Technical Information

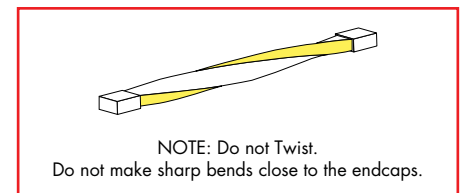
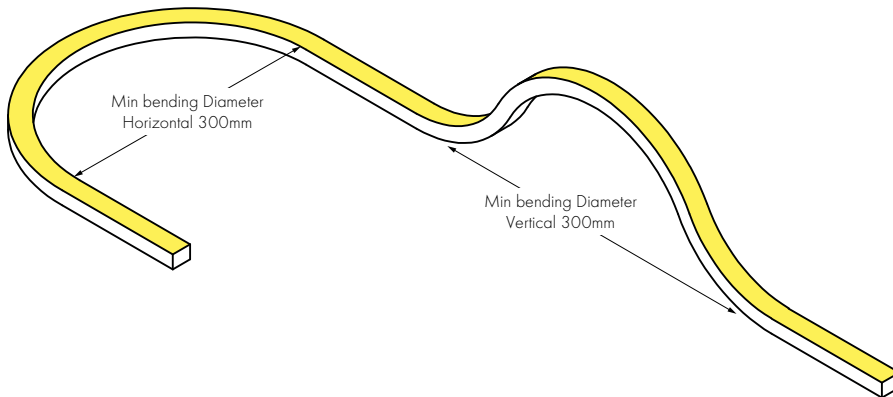
Bending Direction	3D
Output	SO
Light Output at 3000K	840 lm/m
Average Power Consumption	12 W/m
Efficacy	70 lm/W
Ordering Increment	45.45 mm
Maximum Run Length (In Series)	6.0 m
Operating Temperature Range	-40°C to 55°C

CCT INFO / LUMEN MULTIPLIER

Color Temperature	Multiplier (ref. :3000K)
2200K	0.82
2400K	0.90
2700K	0.96
3000K	1.00
3500K	1.00
4000K	1.01
5000K	1.02

Note: 90 CRI

Constraints



NOTE: Do not Twist.
Do not make sharp bends close to the endcaps.

Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBL-W - Kurba Large, Wet	3D - 3D Bending	SEE PAGE 5	SO - Standard	22K - 2200K 24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	R90 - 90 CRI	SF - Silicone Frosted	NA - See Page 4 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side 1 Feed IMSB - Side 2 Feed NPF - No Power Feed ¹	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side 1 Feed IMSB - Side 2 Feed NPF - No Power Feed ¹

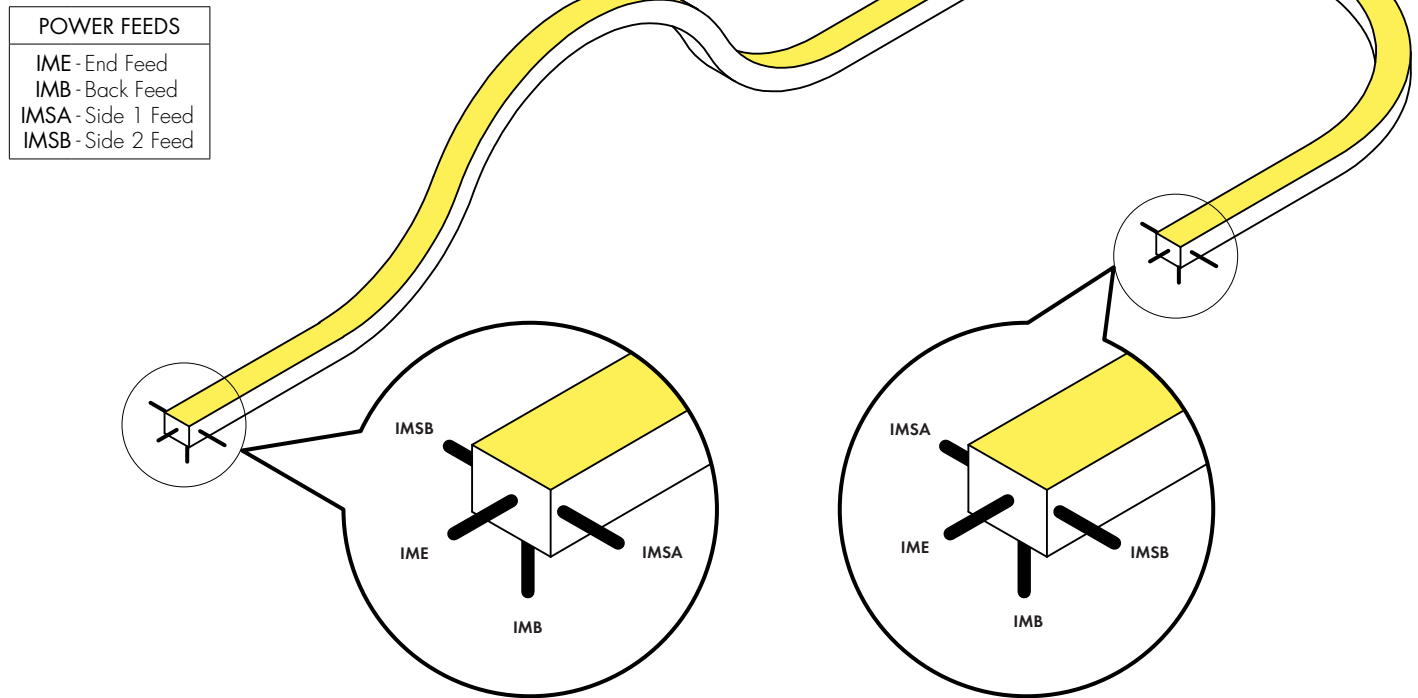
¹ Feeds come with 3m wire leads

¹ - NPF-NPF for Feed Position 1&2 is not a valid configuration option



Powerfeeds and Connectors

Power Feed Position Options and Orientation

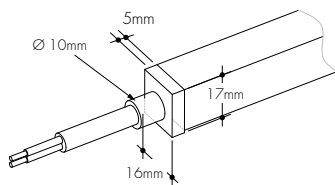


Linking and Extension Cable Options

END CONNECTOR

Injection-molded End Connector

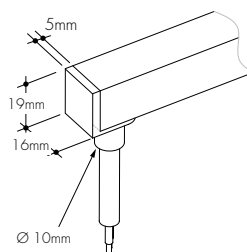
-IME



BACK CONNECTOR

Injection-molded Back Connector

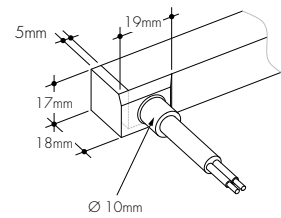
-IMB



SIDE CONNECTOR

Injection-molded Side Connector

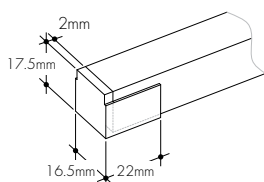
-IMSA and -IMSB



ENDCAP (NO CONNECTOR)

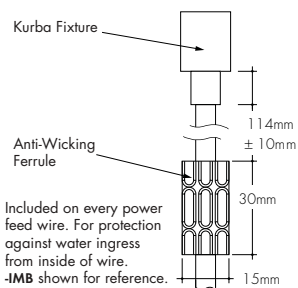
Injection-molded Cap (No Connector)

-NPF



ANTI-WICKING FERRULE

Included on every power feed wire



POWER FEED OPTIONS

Feeds come with 3m wire leads



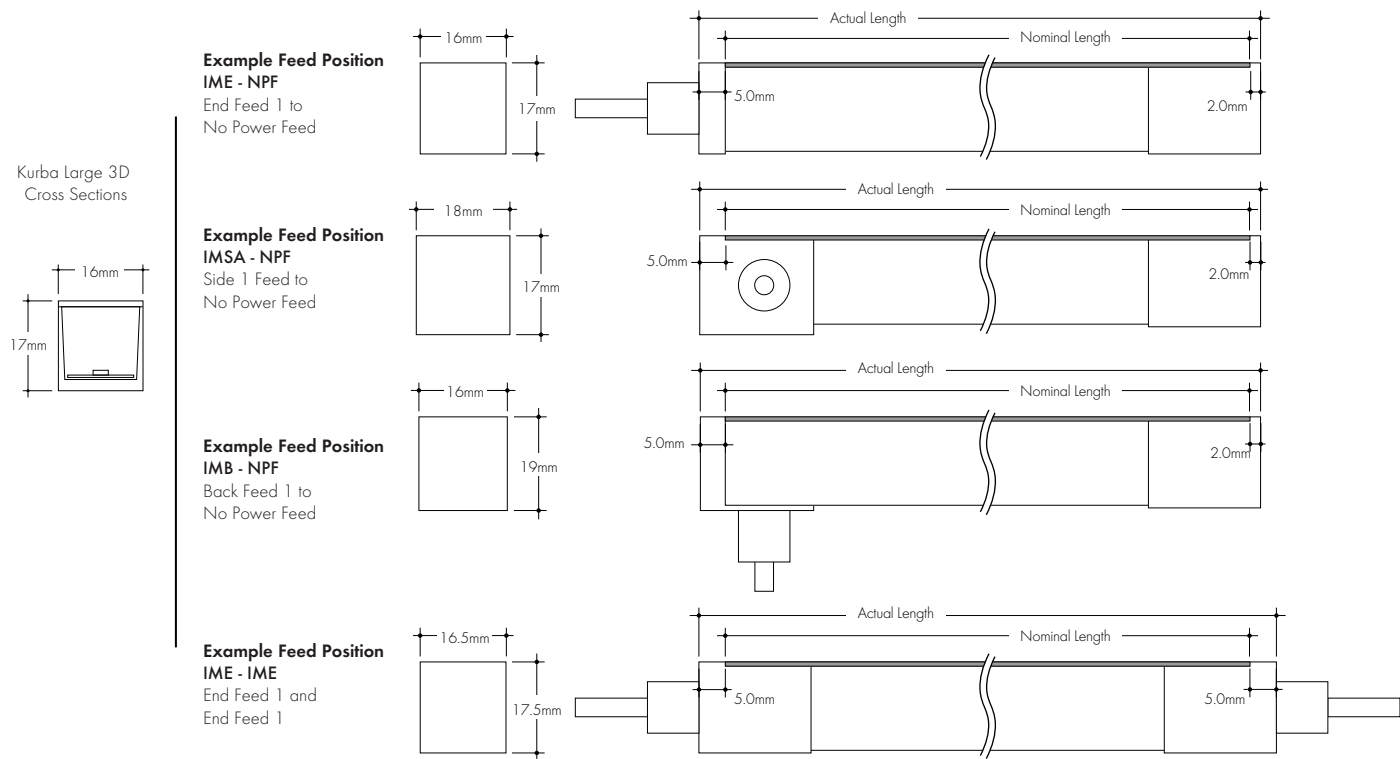
2 Conductor



Kurba Large 3D Bending Static White



Product Dimensions



Finish Options

White
Base



Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space



Kurba Large 3D Bending Static White



Light Transmission and Dotting

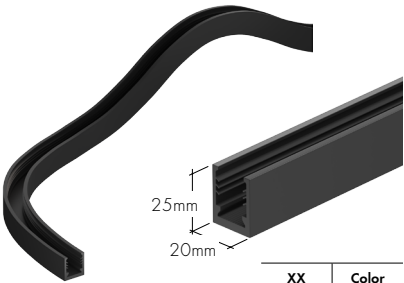
Lens/Accessory	
Output Options	Silicone Frosted/ White Finish
SO	ND
Transmission Percentage	100%



CD SD ND
CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

Mounting Accessories

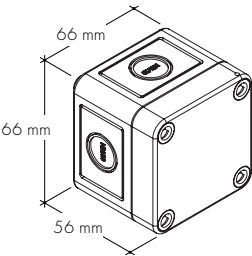
MC-KBL-BANP-3D-SM-1M-XX
KBL Mounting Channel, Bendable Silicone Profile, 3D Bending, Surface Mount, 1m, 300mm bending diameter



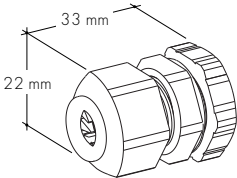
Includes 12 mounting screws

XX	Color
WH	White
BK	Black

LLVSP-IP66
Splice box: wet rated, low voltage, gray, IP66



LVSP-IP66-CM
Connector for splice box, low voltage for cable management, gray, IP66



SO | Orderable Length Chart

Use Actual Length for Order Code Entry

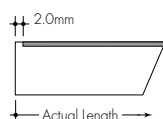
Tolerance for Actual Lengths less than 1.8m is +/- 5mm, Actual Lengths between 1.8m and 4.8m is +/- 7.6mm, and Actual Lengths greater than 4.8m is +/- 15mm

A - Power Feeds at both ends of Kurba (5mm + 5mm added to overall length)

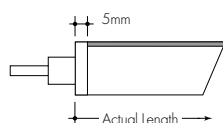
B - Powerfeed at one end of Kurba and No Power Feed (NPF) at other end of Kurba (5mm +2mm added to overall length)

Nominal Length (m)	Actual Length (m)		Nominal Length (m)	Actual Length (m)		Nominal Length (m)	Actual Length (m)		Nominal Length (m)	Actual Length (m)	
	A	B		A	B		A	B		A	B
0.20	0.192	0.189	1.80	1.828	1.825	3.45	3.464	3.461	5.10	5.100	5.097
0.25	0.237	0.234	1.85	1.873	1.870	3.50	3.510	3.507	5.15	5.146	5.143
0.25	0.283	0.280	1.90	1.919	1.916	3.55	3.555	3.552	5.20	5.191	5.188
0.30	0.328	0.325	1.95	1.964	1.961	3.60	3.601	3.598	5.25	5.237	5.234
0.35	0.374	0.371	2.00	2.010	2.007	3.65	3.646	3.643	5.25	5.282	5.279
0.40	0.419	0.416	2.05	2.055	2.052	3.70	3.691	3.688	5.30	5.328	5.325
0.45	0.465	0.462	2.10	2.101	2.098	3.75	3.737	3.734	5.35	5.373	5.370
0.50	0.510	0.507	2.15	2.146	2.143	3.75	3.782	3.779	5.40	5.419	5.416
0.55	0.555	0.552	2.20	2.192	2.189	3.80	3.828	3.825	5.45	5.464	5.461
0.60	0.601	0.598	2.25	2.237	2.234	3.85	3.873	3.870	5.50	5.509	5.506
0.65	0.646	0.643	2.25	2.283	2.280	3.90	3.919	3.916	5.55	5.555	5.552
0.70	0.692	0.689	2.30	2.328	2.325	3.95	3.964	3.961	5.60	5.600	5.597
0.75	0.737	0.734	2.35	2.373	2.370	4.00	4.010	4.007	5.65	5.646	5.643
0.75	0.783	0.780	2.40	2.419	2.416	4.05	4.055	4.052	5.70	5.691	5.688
0.80	0.828	0.825	2.45	2.464	2.461	4.10	4.101	4.098	5.75	5.737	5.734
0.85	0.874	0.871	2.50	2.510	2.507	4.15	4.146	4.143	5.75	5.782	5.779
0.90	0.919	0.916	2.55	2.555	2.552	4.20	4.191	4.188	5.80	5.828	5.825
0.95	0.964	0.961	2.60	2.601	2.598	4.25	4.237	4.234	5.85	5.873	5.870
1.00	1.010	1.007	2.65	2.646	2.643	4.25	4.282	4.279	5.90	5.919	5.916
1.05	1.055	1.052	2.70	2.692	2.689	4.30	4.328	4.325	5.95	5.964	5.961
1.10	1.101	1.098	2.75	2.737	2.734	4.35	4.373	4.370	6.00	6.009	6.006
1.15	1.146	1.143	2.75	2.782	2.779	4.40	4.419	4.416	Note: all values are rounded to the nearest 2.5mm		
1.20	1.192	1.189	2.80	2.828	2.825	4.45	4.464	4.461			
1.25	1.237	1.234	2.85	2.873	2.870	4.50	4.510	4.507			
1.25	1.283	1.280	2.90	2.919	2.916	4.55	4.555	4.552			
1.30	1.328	1.325	2.95	2.964	2.961	4.60	4.600	4.597			
1.35	1.374	1.371	3.00	3.010	3.007	4.65	4.646	4.643			
1.40	1.419	1.416	3.05	3.055	3.052	4.70	4.691	4.688			
1.45	1.464	1.461	3.10	3.101	3.098	4.75	4.737	4.734			
1.50	1.510	1.507	3.15	3.146	3.143	4.75	4.782	4.779			
1.55	1.555	1.552	3.20	3.192	3.189	4.80	4.828	4.825			
1.60	1.601	1.598	3.25	3.237	3.234	4.85	4.873	4.870			
1.65	1.646	1.643	3.25	3.282	3.279	4.90	4.919	4.916			
1.70	1.692	1.689	3.30	3.328	3.325	4.95	4.964	4.961			
1.75	1.737	1.734	3.35	3.373	3.370	5.00	5.010	5.007			
1.75	1.783	1.780	3.40	3.419	3.416	5.05	5.055	5.052			

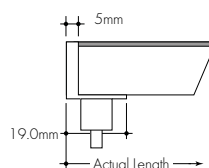
Endcap (No Connector) -NPF



End Connector -IME



Back Connector -IMB



Side Connector -IMSA -IMSB

