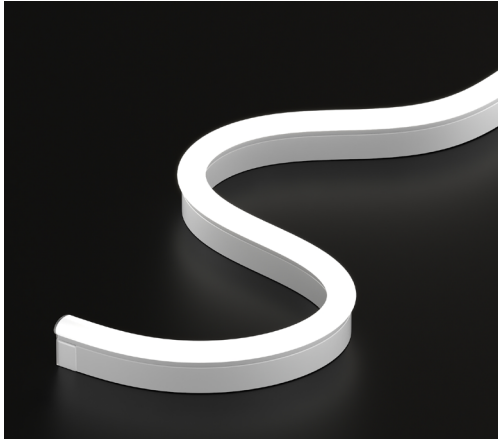


# Kurba Medium Dome Horizontal Static White



## Features

Kurba Medium Domed is a dot free direct view, narrow profile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends with a 127mm 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

Dot Free even illumination. Unique Domed lens for wide view angle. Dimable down to 1%

### Average Life (L70)

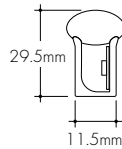
50,000 Hours

### Approvals

CE, UKCA, UL, Class 2, IP68

### Warranty

5 years



## Finish Options

Base  White



## Technical Information

Bending Direction	Horizontal
Output	2250
Light Output at 3000K, 80 CRI	518 lm/m
Average Power Consumption	12 W/m
Efficacy	43 lm/W
Ordering Increment	83.33 mm
Maximum Run Length (In Series)	8.0 m
Operating Temperature Range	-40°C to 55°C

### CCT INFO / LUMEN MULTIPLIER (ref. -3000K)

Bending Direction	Horizontal	
	80 CRI	90 CRI
2200K	0.84	0.78
2400K	0.97	0.77
2700K	0.97	0.77
3000K	1.00	0.80
3500K	1.00	0.91
4000K	1.00	0.97

## Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBM-W - Kurba Medium Wet	HB - Horizontal Bending	SEE PAGE 5	2250 - Standard	22K - 2200K 24K - 2400K <sup>1</sup> 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	R80 - 80CRI R90 - 90CRI	DSF - Domed Lens	NA - See Page 4 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed <sup>2</sup>	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side A Feed NPF - No Power Feed <sup>2</sup>

Feeds come with 3m wire leads

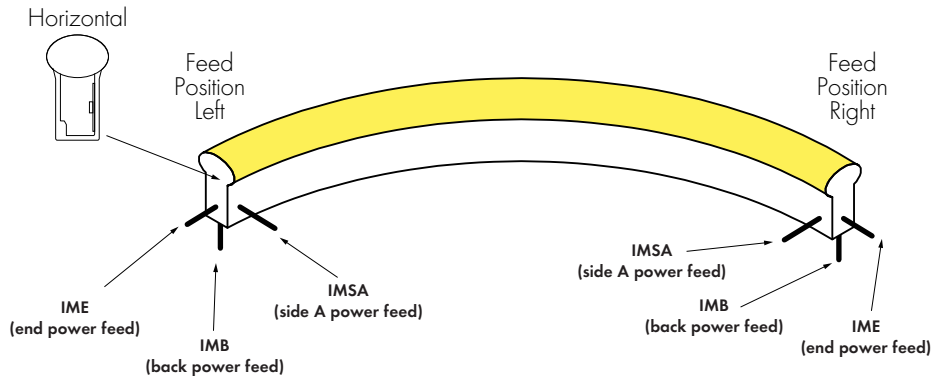
1 - 24K CCT option not available for R90 CRI option

2 - NPF-NPF for Feed Position Left and Right is not a valid configuration option

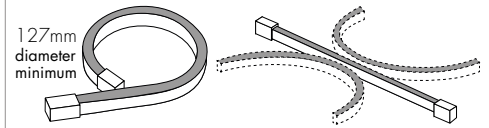


## Powerfeeds and Connectors

### Power Feed Position Options and Orientation

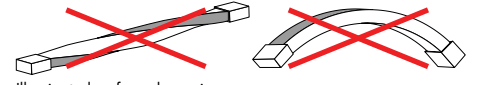


### Horizontal Bend Direction



### Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage

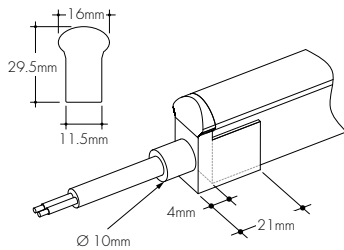


Do not make sharp bends near the endcap

### Linking and Extension Cable Options

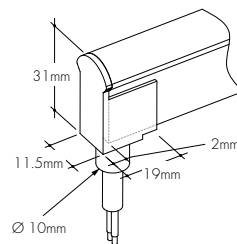
#### END CONNECTOR

Injection-molded End Connector  
-IME



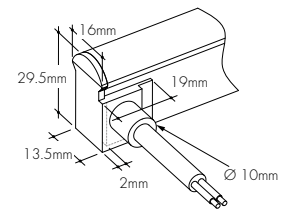
#### BACK CONNECTOR

Injection-molded Back Connector  
-IMB



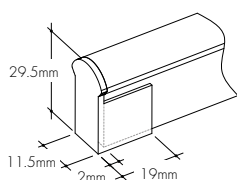
#### SIDE CONNECTOR

Injection-molded Side Connector  
-IMSA



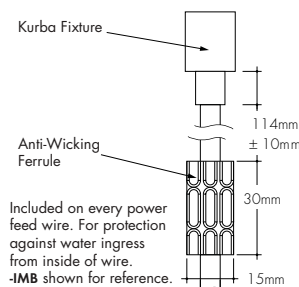
#### ENDCAP (NO CONNECTOR)

Injection-molded Cap (No Connector)  
-NPF



#### ANTI-WICKING FERRULE

Included on every power feed wire



#### POWER FEED OPTIONS

Feeds come with 3m wire leads

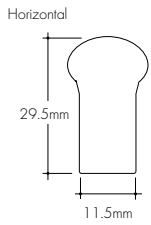


2 Conductor, 18 AWG

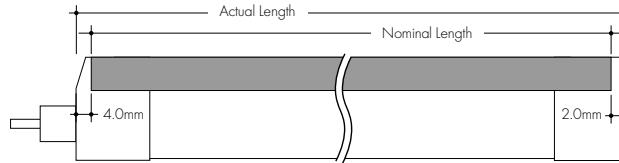
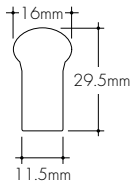


## Product Dimensions

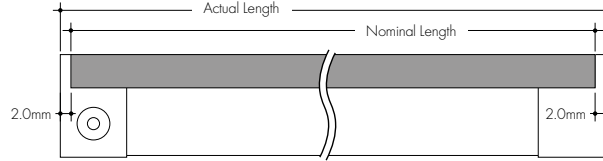
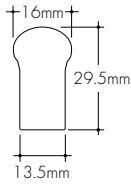
Kurba Medium Dome  
Cross Sections



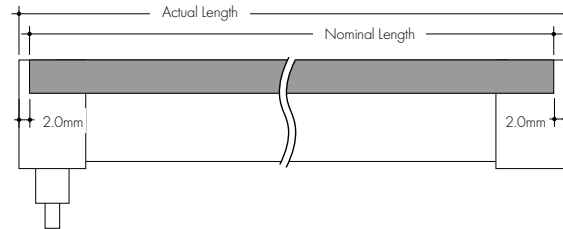
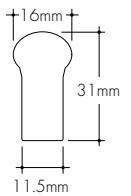
**Example Feed Position**  
IME - NPF  
End Feed 1 to  
No Power Feed



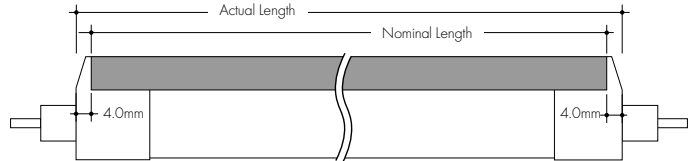
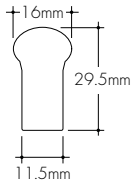
**Example Feed Position**  
IMSA - NPF  
Side A Feed to  
No Power Feed



**Example Feed Position**  
IMB - NPF  
Back Feed 1 to  
No Power Feed

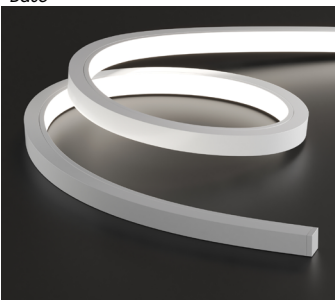


**Example Feed Position**  
IME - IME  
End Feed 1 and  
End Feed 1



## Finish Options

**White**  
Base

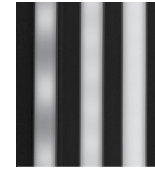


Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space



## Light Transmission and Dotting

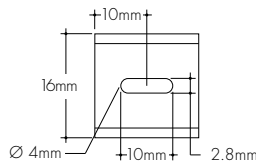
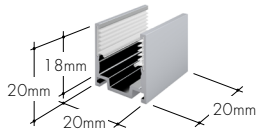
Output Options	Lens/Finish
	Domed Lens/ White Finish
22SO	ND
Transmission Percentage	100%



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

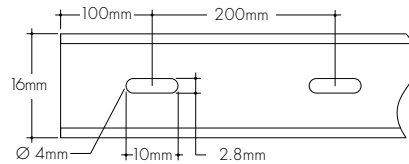
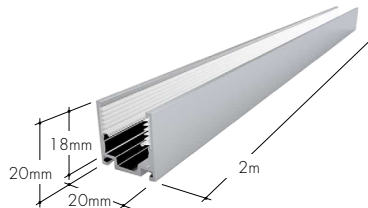
## Mounting Accessories

**MC-KBM-SAP-SM-20MM-SA**  
 KBM Mounting Clip, Serrated Aluminum Profile, Surface Mount, 20mm, Silver Anodized



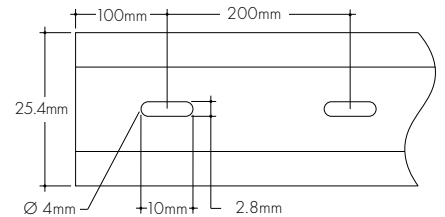
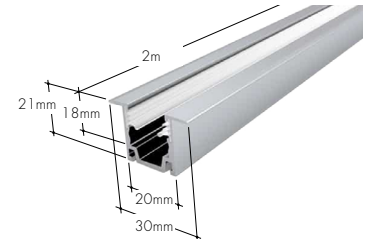
For use with light strip mounted to the ceiling.  
 1 recommended every 200mm. Includes 1 mounting screw

**MC-KBM-SAP-SM-2M-SA**  
 KBM Mounting Channel, Serrated Aluminum Profile, Surface Mount, 2m, Silver Anodized



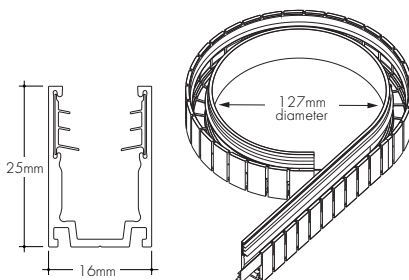
For use with light strip mounted to the ceiling. Includes 10 mounting screws

**MC-KBM-FSAP-TR-2M-SA**  
 KBM Mounting Channel, Flanged Serrated Aluminum Profile, Trimmed Recessed Mount, 2m, Silver Anodized



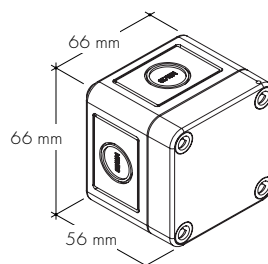
Flanged aluminum mounting channel providing grip. For use with light strip recessed into the ceiling. Includes 10 mounting screws

**MC-KBM-BSAP-HB-SM-1M-SA**  
 KBM Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 1m, Silver Anodized

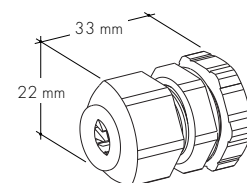


For use with light strip mounted to the ceiling. Mounting Channel Bending Diameter is 200mm in opposite direction. Includes 10 mounting screws  
**NOTE:** For use with **HB** - Horizontal Bend only.

**LVSP-IP66**  
 Splice box: wet rated, low voltage, gray, IP66



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



## 2250 | 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 - End Connector at both ends of Kurba (4mm + 4mm added to overall length)

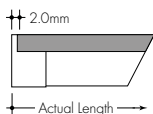
B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (4mm + 2mm added to overall length)

C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (2mm + 2mm added to overall length)

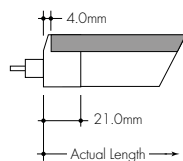
Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)		
	A	B	C		A	B	C		A	B	C
0.25	0.258	0.256	0.254	3.25	3.258	3.256	3.254	6.25	6.258	6.256	6.254
0.35	0.341	0.339	0.337	3.35	3.341	3.339	3.337	6.35	6.341	6.339	6.337
0.40	0.425	0.423	0.421	3.40	3.425	3.423	3.421	6.40	6.425	6.423	6.420
0.50	0.508	0.506	0.504	3.50	3.508	3.506	3.504	6.50	6.508	6.506	6.504
0.60	0.591	0.589	0.587	3.60	3.591	3.589	3.587	6.60	6.591	6.589	6.587
0.65	0.675	0.673	0.671	3.65	3.675	3.673	3.671	6.65	6.675	6.672	6.670
0.75	0.758	0.756	0.754	3.75	3.758	3.756	3.754	6.75	6.758	6.756	6.754
0.85	0.841	0.839	0.837	3.85	3.841	3.839	3.837	6.85	6.841	6.839	6.837
0.90	0.925	0.923	0.921	3.90	3.925	3.923	3.921	6.90	6.925	6.922	6.920
1.00	1.008	1.006	1.004	4.00	4.008	4.006	4.004	7.00	7.008	7.006	7.004
1.10	1.091	1.089	1.087	4.10	4.091	4.089	4.087	7.10	7.091	7.089	7.087
1.15	1.175	1.173	1.171	4.15	4.175	4.173	4.171	7.15	7.175	7.172	7.170
1.25	1.258	1.256	1.254	4.25	4.258	4.256	4.254	7.25	7.258	7.256	7.254
1.35	1.341	1.339	1.337	4.35	4.341	4.339	4.337	7.35	7.341	7.339	7.337
1.40	1.425	1.423	1.421	4.40	4.425	4.423	4.421	7.40	7.424	7.422	7.420
1.50	1.508	1.506	1.504	4.50	4.508	4.506	4.504	7.50	7.508	7.506	7.504
1.60	1.591	1.589	1.587	4.60	4.591	4.589	4.587	7.60	7.591	7.589	7.587
1.65	1.675	1.673	1.671	4.65	4.675	4.673	4.671	7.65	7.674	7.672	7.670
1.75	1.758	1.756	1.754	4.75	4.758	4.756	4.754	7.75	7.758	7.756	7.754
1.85	1.841	1.839	1.837	4.85	4.841	4.839	4.837	7.85	7.841	7.839	7.837
1.90	1.925	1.923	1.921	4.90	4.925	4.923	4.921	7.90	7.924	7.922	7.920
2.00	2.008	2.006	2.004	5.00	5.008	5.006	5.004				
2.10	2.091	2.089	2.087	5.10	5.091	5.089	5.087				
2.15	2.175	2.173	2.171	5.15	5.175	5.173	5.171				
2.25	2.258	2.256	2.254	5.25	5.258	5.256	5.254				
2.35	2.341	2.339	2.337	5.35	5.341	5.339	5.337				
2.40	2.425	2.423	2.421	5.40	5.425	5.423	5.421				
2.50	2.508	2.506	2.504	5.50	5.508	5.506	5.504				
2.60	2.591	2.589	2.587	5.60	5.591	5.589	5.587				
2.65	2.675	2.673	2.671	5.65	5.675	5.673	5.671				
2.75	2.758	2.756	2.754	5.75	5.758	5.756	5.754				
2.85	2.841	2.839	2.837	5.85	5.841	5.839	5.837				
2.90	2.925	2.923	2.921	5.90	5.925	5.923	5.920				
3.00	3.008	3.006	3.004	6.00	6.008	6.006	6.004				
3.10	3.091	3.089	3.087	6.10	6.091	6.089	6.087				
3.15	3.175	3.173	3.171	6.15	6.175	6.173	6.170				

Note: all values are rounded to the nearest 2.5mm

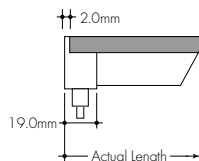
Endcap (No Connector) -NPF



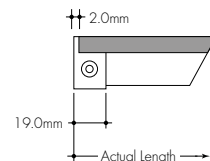
End Connector -IME



Back Connector -IMB



Side Connector -IMSA and -IMSB



## Lifetime and Environmental

At Luminii, we design our linear LED systems with longevity and responsible material use in mind. Our products are engineered to be serviceable and adaptable, with modular components such as drivers and controls that can be replaced or upgraded without full system replacement.

We are actively reducing the environmental impact of our packaging by transitioning to paper-based solutions for reels, bags, and outer packaging wherever possible, while minimising material use and avoiding mixed materials to improve recyclability.

We prioritise the use of recyclable materials in both our products and packaging, and encourage responsible disposal in line with local recycling and WEEE regulations.

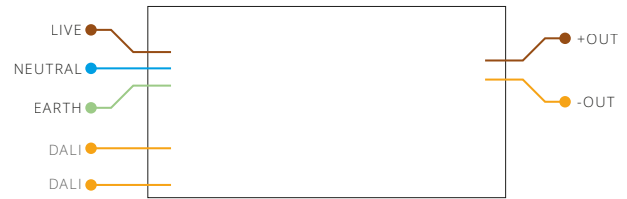
<b>CIBSE TM65</b>	25.68kg CO <sub>2</sub> e(1m)	<b>UK PART L</b>	
<b>CIBSE TM66</b>	2.1	<b>Part L1A / L1B (Dwellings)</b>	<i>Compliant 83 lm/W</i> <i>Source lm (992lm) / Source W (12W)</i>
<b>RoHS Compliance</b>	Yes	<i>≥75 lm/W source lumens</i>	
<b>REACH Compliance</b>	Yes	<b>Part L2A (General)</b>	-
<b>WEEE Compliance</b>	Yes - Registered Producer	<i>≥95lm/W delivered lumens</i>	
<b>Declare</b>	Declared	<b>Part L2A (Display)</b>	<i>Compliant 83 lm/W</i> <i>Source lm (992lm) / Source W (12W)</i>
<b>Lifetime</b>	L90B10 100,000hrs	<i>≥80 lm/W source lumens</i>	
<b>Warranty</b>	5 Years		<i>Notes: SO Output</i>



## Power Supplies for UK, EU, Middle East, Asia and Pacific

### DALI 2 | Remote | Constant Voltage

Input Voltage	230V AC   50/60 Hz
Driver Type	Remote   Constant Voltage
Location	IP20   Indoor Location Only
Dimming Control	DALI 2
Min. Dim Level	0.1%
Flicker	IEEE 1789 Compatible   No Observable Effect



MODELS	40W	75W	150W	240W
Order Code	PSCV-40-24-D-EU	PSCV-75-24-D-EU	PSCV-150-24-D-EU	PSCV-240-24-D-EU
Length (mm)	185	295	295	360
Width (mm)	40	40	40	40
Depth (mm)	30	30	30	30

### 0-10V | Remote | Constant Voltage

Input Voltage	230V AC   50/60 Hz
Driver Type	Remote   Constant Voltage
Location	IP20   Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE 1789 Compatible   No Observable Effect



MODELS	40W	75W	150W	240W
Order Code	PSCV-40-24-A-EU	PSCV-75-24-A-EU	PSCV-150-24-A-EU	PSCV-240-24-A-EU
Length (mm)	185	295	295	360
Width (mm)	40	40	40	40
Depth (mm)	30	30	30	30

### Max Series Run Length and Voltage Drop

The maximum series run length must not be exceeded. LED strips must be cut and re-fed from the power supply if the required length exceeds this. Maximum series run lengths can be found on page 1 and vary per output. Voltage drop must not exceed 3% between the PSU and start of the LED strip. Click or scan the QR code to visit our online voltage drop calculator.

