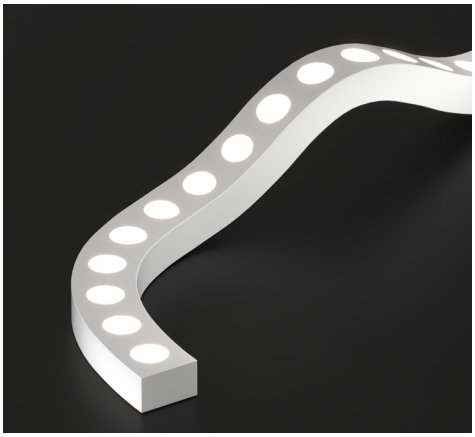
Kurba Grazer 3D™ Static White



Features

Kurba Grazer 3D™ is a wall grazing, energy efficient and flexible LED strip suitable for wet locations capable of vertical/top bends down to 400mm diameter and Horizontal/side bends up down 800mm diameter. The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulationn.

Applications
Outdoor wet location

Operating Voltage
24VDC

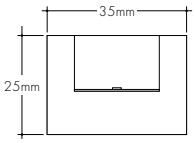
Dimming
100% - 1% Dimming
with compatible power supply

Average Life (L70)
50,000 hours

Approvals
CE, UKCA, UL, Class 2, IP67

Warranty
5 years

IP67 IK08



Finish Options
☐ White ■ Black

c UL us LISTED RoHS CE UKCA DIM

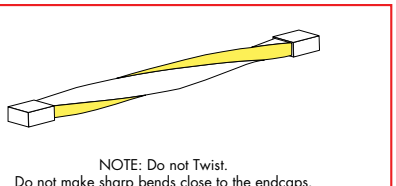
Technical Information

Finish Option	White	Black
Output	SO	SO
Light Output at 3000K	1798 lm/m	1499 lm/m
Average Power Consumption	24 W/m	24 W/m
Efficacy	75 lm/W	62 lm/W
Ordering Increment	250 mm	250 mm
Maximum Run Length (In Series)	4.0 m	4.0 m
Operating Temperature Range	-40°C to 55°C	-40°C to 55°C

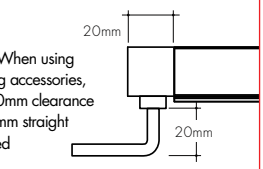
CCT INFO / LUMEN MULTIPLIER
(ref. 3000K, 80 CRI, White Finish)

Bending Direction	3D	
Finish	White	Black
2700K	1.00	0.99
3000K	1.00	1.00
3500K	1.00	1.06
4000K	1.06	1.08
5700K	1.08	1.08

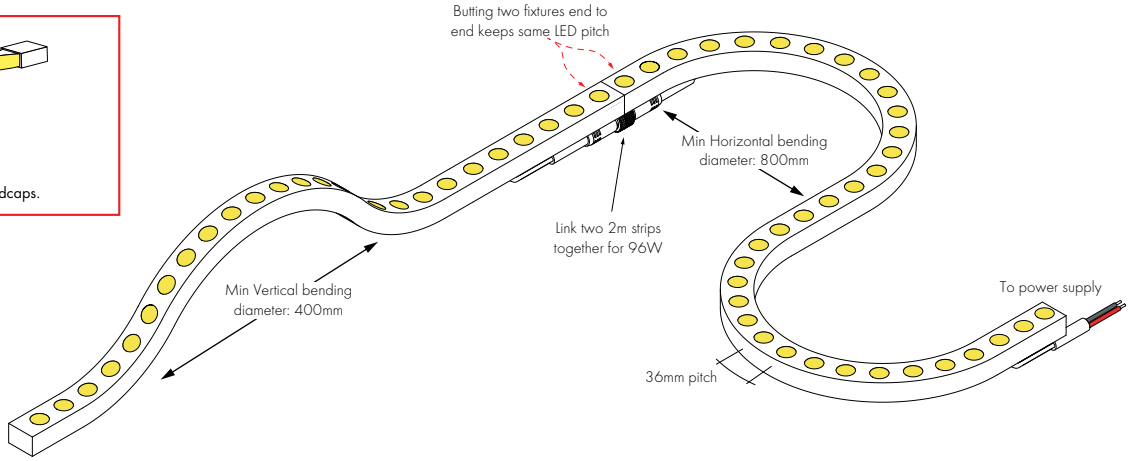
Constraints



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



NOTE: When using monuting accessories, allow 20mm clearance and 20mm straight back feed



Ordering Code

MODEL[1]	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBG-W - Kurba Grazer 3D™ Wet	3D - 3D Bending	SEE PAGE 4	SO - Standard	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 57K - 5700K	R80 - 80CRI	20X20 - Grazer (20°) 20X30 - Elliptical Beam (20°x30°) 20X50 - Elliptical Beam (20°x50°)	NA - See Page 3 for orderable mounting accessories	WH - White BK - Black[6]	INJECTION MOLD[2] IMB - Back Wire Feed[3] NPF - No Power Feed[4] QUICK CONNECT IMFB - Back Female QC[5] IMMB - Back Male QC[5] NPF - No Power Feed[4]	INJECTION MOLD[2] IMB - Back Wire Feed[3] NPF - No Power Feed[4] QUICK CONNECT IMFB - Back Female QC[5] IMMB - Back Male QC[5] NPF - No Power Feed[4]

Feeds come with 3m wire leads

1 - Please note, lead time is 8-10 weeks for KBG
2 - Injection Mold Soldered Wire Feeds (**IMB**) come with 2.3m wire leads
3 - Order **IMB** (Injection Mold Soldered Lead Wires) when connecting KBG to power supply.
4 - **NPF-NPF** for Feed Position 1&2 is not a valid configuration option
5 - Order **IMFB** (Female Q/C) and **IMMB** (Male Q/C) when joining multiple KBG fixtures together.
6 - 100 meter minimum order. Additional charges will apply if order less than 100 meter.

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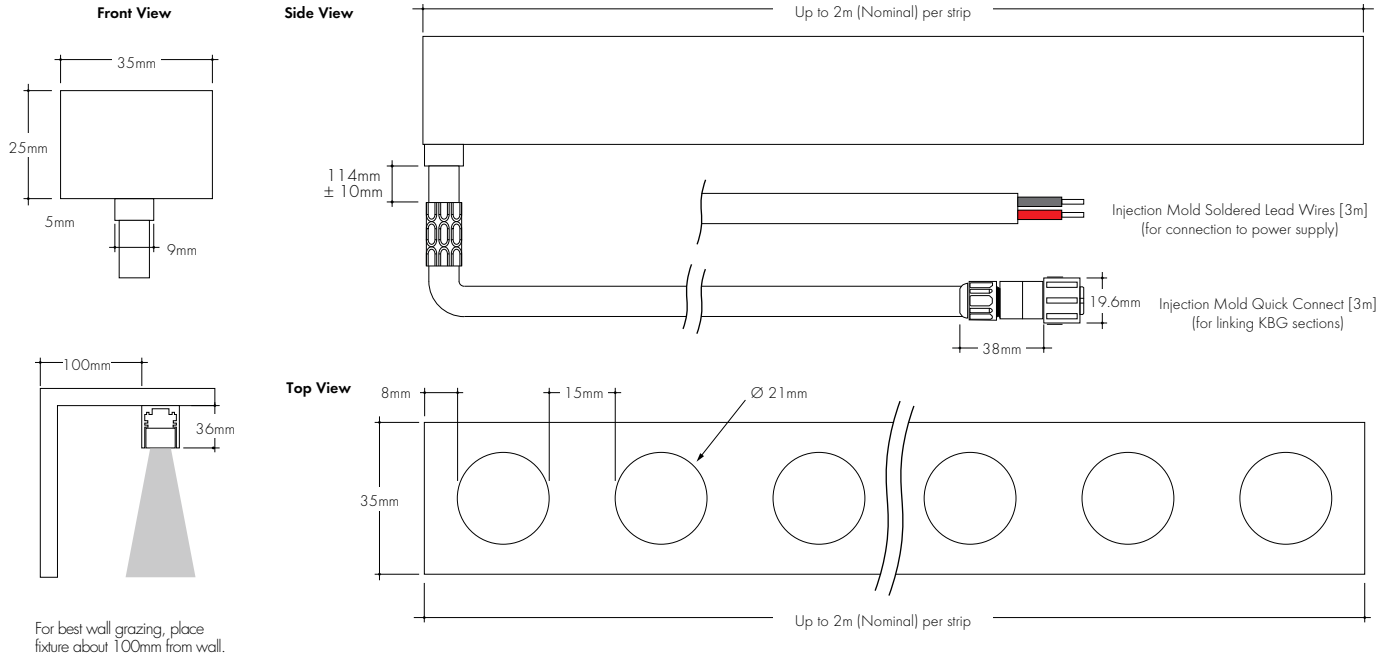
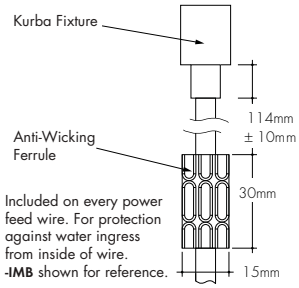
Product Dimensions



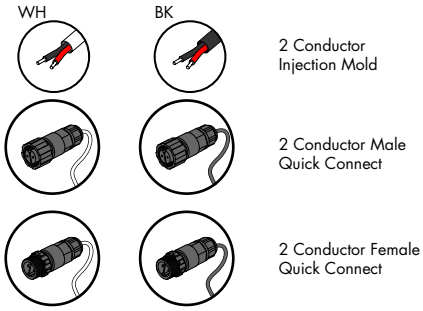
Note: Each 2m Kurba Grazer 3D™ section is 48W. Two 2m Kurba Grazer 3D™ strips may be joined together in series up to 4m for a continuous run.

Linking and Extension Cable Options

ANTI-WICKING FERRULE
Included on every power feed wire



POWER FEED OPTIONS
Feeds come wtih 3m wire leads



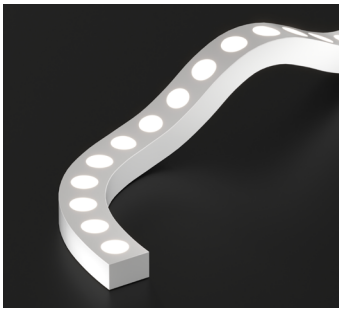
Please note, Power Feed Finish will match Kurba Fixture Finish

Finish Options

- A wide variety of finish options allowing complete customization of style and aesthetic.

Basic Option

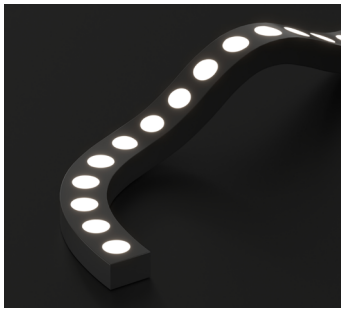
White



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

Premium Option

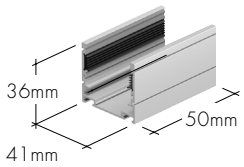
Black



Black is a dark, pitch-black with a soft flat finish. This finish brings a bold, modern look, adding a touch of cosmic elegance to any space.

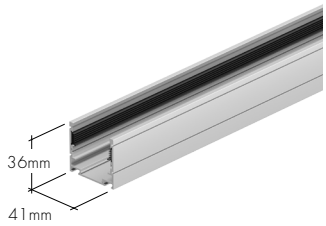
Mounting Accessories and Optional Connectors

MC-KBG-SAP-SM-50MM-SA
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 50mm x 36mm tall. Silver Anodized



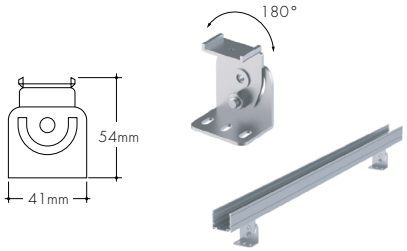
Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-KBG-SAP-SM-2M-SA
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 2m x 36mm tall, Silver Anodized



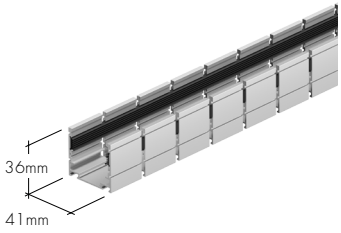
Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

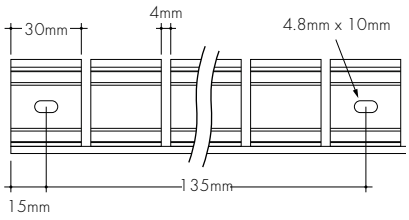
MB-KBG-ADJ-SS
KBG Adjustable Mounting Bracket, Stainless Steel, 180° of rotation



Note: Rotation angle restricted if the bracket is applied to a bending extrusion profile. Recommended to only use on straight mounting channel for full rotation.
1 recommended every foot.

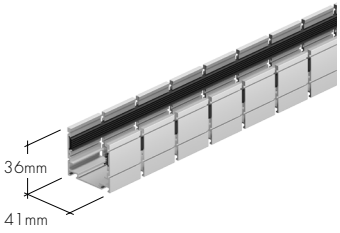
MC-KBG-BSAP-HB-SM-1M-SA
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 1m, Silver Anodized

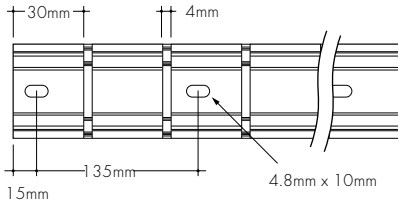




Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.
NOTE: HB - Horizontal Bending Only

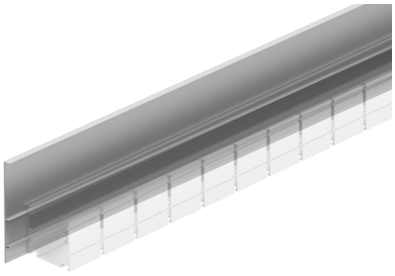
MC-KBG-BSAP-VB-SM-1M-SA
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Vertical Bending, Surface Mount, 1m, Silver Anodized

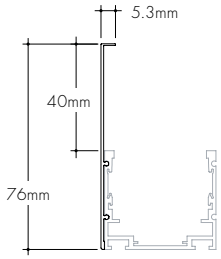




Aluminum mounting bracket providing grip. For use with light strip mounted to the ceiling.
NOTE: VB - Vertical Bending Only

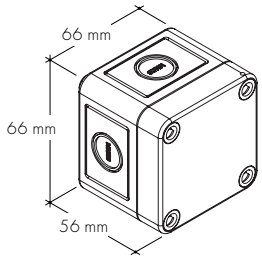
MC-KBG-BGS-HB-2M-SA
KBG Bendable Glare Shield, Horizontal Bending, 2m, Silver Anodized



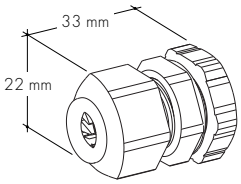


Attaches to Mounting profiles, cannot be used on its own.
600mm bending radius.
NOTE: Not compatible with **VB** - Vertical Bending

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



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



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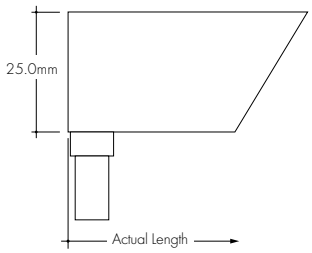
SO | Orderable Length Chart

Use Acutal 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 - Back Connector at one end of Kurba and No Connector at other end of Kurba (4mm + 2mm added to overall length)
B - Back Connector at both ends of Kurba (5mm + 5mm added to overall length)

	Actual Length (m)	
Nominal Length (m)	A	B
0.25	0.258	0.256
0.50	0.508	0.506
0.75	0.758	0.756
1.00	1.008	1.006
1.25	1.258	1.256
1.50	1.508	1.506
1.75	1.758	1.756
2.00	2.008	2.006

Note: all values are rounded to the nearest 2.5mm



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.

CIBSE TM65	47.32kg CO_2e(1m)
CIBSE TM66	2.1
RoHS Compliance	Yes
REACH Compliance	Yes
WEEE Compliance	Yes - Registered Producer
Declare	Declared
Lifetime	L90B10 100,000hrs
Warranty	5 Years

UK PART L	
Part L1A / L1B (Dwellings) *≥75 lm/W source lumens*	*Compliant 107 lm/W* *Source lm (2570lm) / Source W (24W)*
Part L2A (General) *≥95lm/W delivered lumens*	-
Part L2A (Display) *≥80 lm/W source lumens*	*Compliant 107 lm/W* *Source lm (2570lm) / Source W (24W)*

Kurba Grazer 3D™ Static White

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

DALI 2| Remote | Constant Voltage

Input Voltage	230V AC I 50/60 Hz
Driver Type	Remote I Constant Voltage
Location	IP20 I Indoor Location Only
Dimming Control	DALI 2
Min. Dim Level	0.1%
Flicker	IEEE 1789 Compatible I 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 I 50/60 Hz
Driver Type	Remote I Constant Voltage
Location	IP20 I Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE 1789 Compatible I 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.