

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 accumulation.

Output Options

- Tunable White allows individual control of CCT and output
- RGB options offer balanced output across the color gamut and a true white with RGBW
- Smart Pixel offerings allow for infinite color combinations with cascading and chasing effects

Average Life (L70)

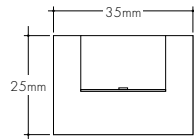
50,000 hours

Approvals

CE, UKCA, UL, Class 2, IP67

Warranty

5 years



Finish Options

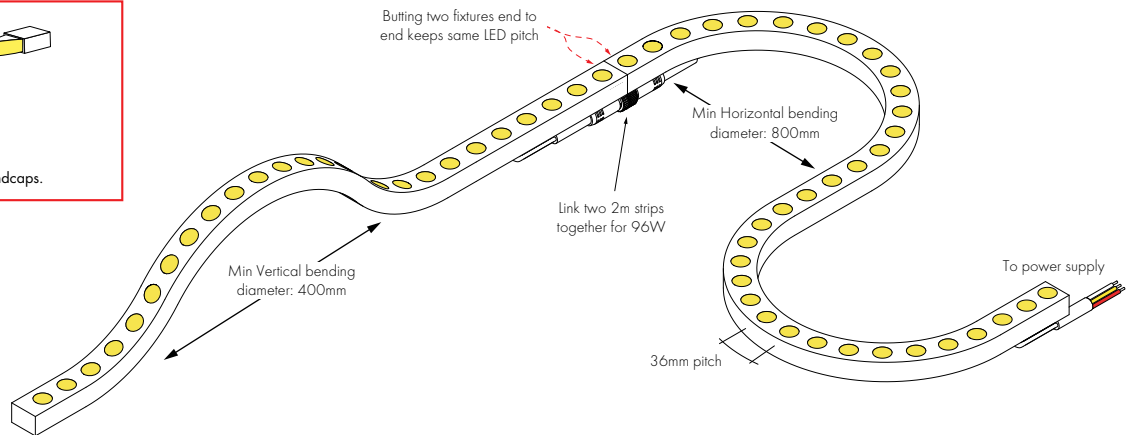
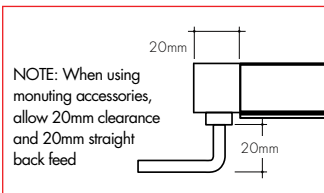
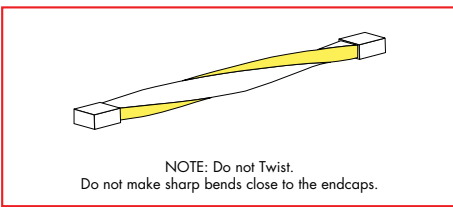
- White
- Black



Technical Information

Finish Option	White				Black			
	TW950	RGB950	RGBW950	SPI950	TW950	RGB950	RGBW950	SPI950
Output								
Light Output at (All On)	899 lm/m	778 lm/m	917 lm/m	840 lm/m	797 lm/m	659 lm/m	778 lm/m	696 lm/m
Average Power Consumption	24 W/m	24 W/m	24 W/m	24 W/m	24 W/m	24 W/m	24 W/m	24 W/m
Efficacy	37 lm/W	32 lm/W	38 lm/W	35 lm/W	33 lm/W	27 lm/W	32 lm/W	29 lm/W
Ordering Increment	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm	250 mm
Maximum Run Length (In Series)	4.0 m	4.0 m	4.0 m	4.0 m	4.0 m	4.0 m	4.0 m	4.0 m
Operating Temperature Range	-40°C to 55°C	-40°C to 55°C	-40°C to 55°C	-40°C to 45°C	-40°C to 55°C	-40°C to 55°C	-40°C to 55°C	-40°C to 45°C
Control/Dimming Protocol	DALI	DALI / DMX	DALI / DMX	SPI Protocol UCS 2904	DALI	DALI / DMX	DALI / DMX	SPI Protocol UCS 2904

Constraints



Ordering Code

MODEL ¹	BEND DIRECTION	LENGTH	OUTPUT	CCT	CRI	LENS ²	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KGB-W - Kurba Grazer 3D™ Wet	3D - 3D Bending	SEE PAGE 4	TW950 - Tunable White, Standard Output	27K65K - 2700K-6500K	R80 - 80 CRI	20X20 - Grazer (20°)	NA - See Page 3 for orderable mounting accessories	WH - White BK - Black	INJECTION MOLD ³ IMB - Back Wire Feed ⁴ NPF - No Power Feed ⁵	INJECTION MOLD ³ IMB - Back Wire Feed ⁴ NPF - No Power Feed ⁵
			RGB950 - RGB, Standard Output	RGB - Red, Green, Blue		20X30 - Elliptical Beam (20°x30°)				
			RGBW950 - RGBW, Standard Output	RGB30K - RGB 3000K		20X50 - Elliptical Beam (20°x50°)				
			SPI950 - Smart Pixel Control, Standard Output	RGB30K - RGB 3000K		40X40 - Elliptical Beam (40°x40°)				

Feeds come with 3m wire leads

1 - Please note, lead time is 8-10 weeks for KGB

2 - 40X40 lens option only available with RGB950, RGBW950, & SPI950 outputs. RGB950, RGBW950, & SPI950 outputs must use 40X40 lens option

3 - Injection Mold Soldered Wire Feeds (IMB) come with 3m wire leads

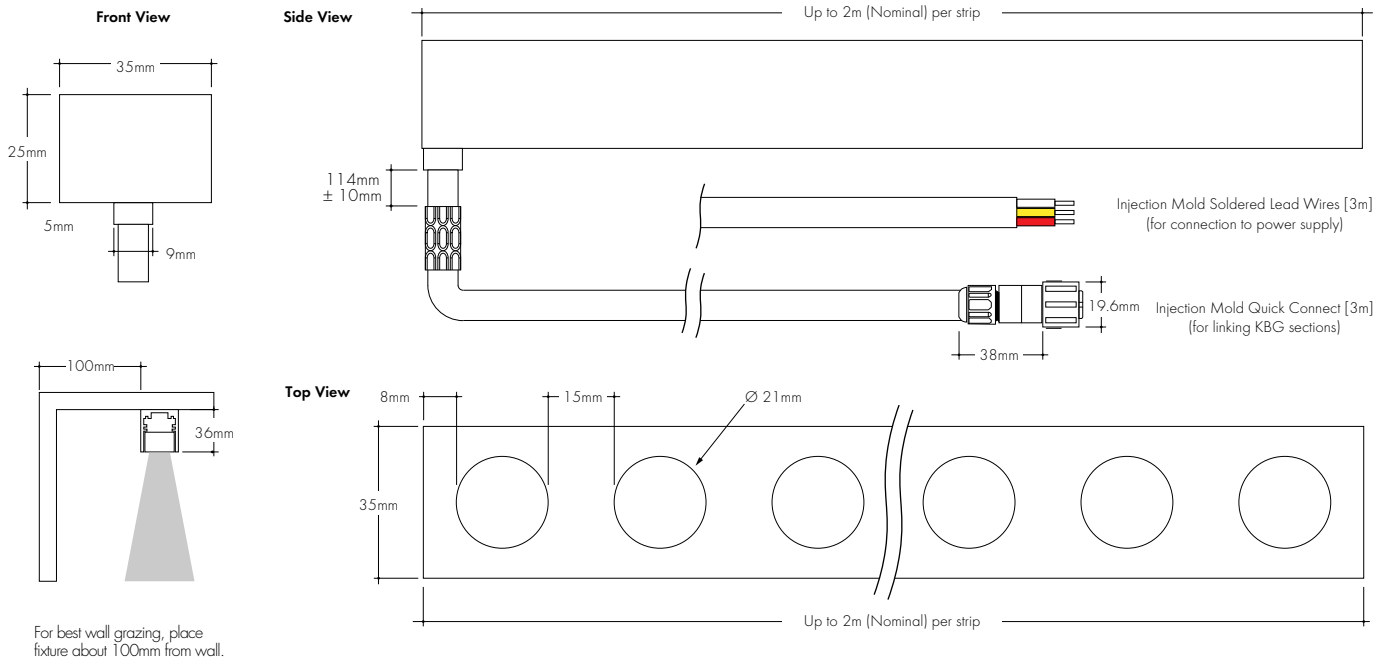
4 - Order IMB (Injection Mold Soldered Lead Wires) when connecting KGB to power supply.

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

6 - Order IMFB (Female Q/C) and IMMB (Male Q/C) when joining multiple KGB fixtures



Product Dimensions

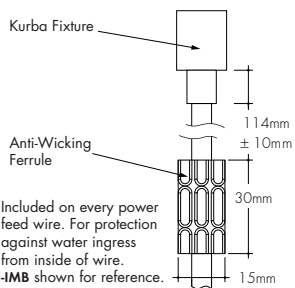


Note: Each 2m Kurba Grazer 3D™ section is 48W. Two 2m Kurba Grazer 3D™ strips may be joined together in series up to 4m for a continuous run.

Linking and Extension Cable Options

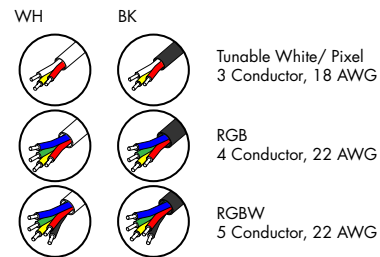
ANTI-WICKING FERRULE

Included on every power feed wire



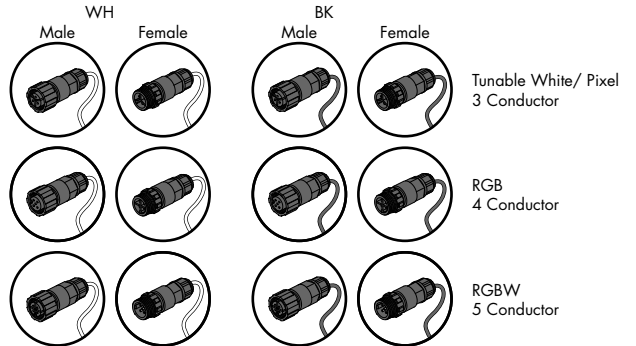
POWER FEED OPTIONS

Feeds come with 3m Injection Mold wire leads



POWER FEED OPTIONS

Feeds come with 3m Quick Connect wire leads



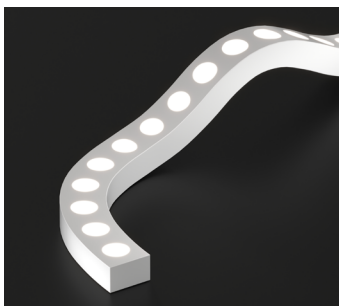
Please note, Power Feed Finish will match Kurba Fixture Finish

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



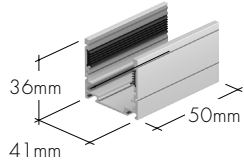
Black is a dark, pitch-black with a soft flat finish. This finish brings a bold, modern look, adding a touch of cosmic elegance to any space.



Mounting Accessories and Optional Connectors

MC-KBG-SAP-SM-50MM-SA

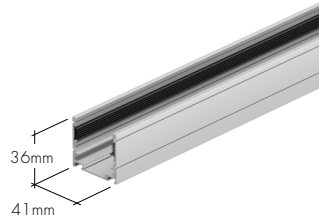
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 50mm x 36mm tall. Silver Anodized



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

MC-KBG-SAP-SM-2M-SA

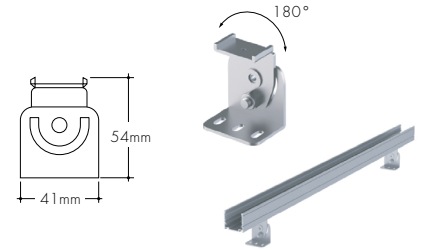
KBG Mounting Channel, Serrated Aluminum Profile, Surface Mount, 2m x 36mm tall, Silver Anodized



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

MB-KBG-ADJ-SS

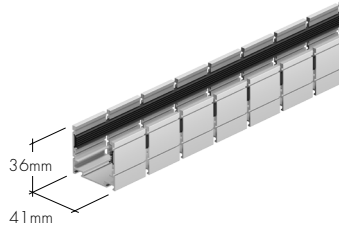
KBG Adjustable Mounting Bracket, Stainless Steel, 180° of rotation



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

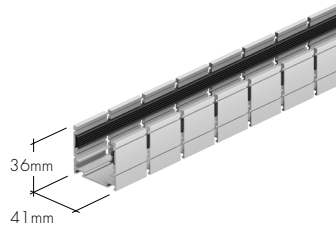
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 1m, Silver Anodized



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

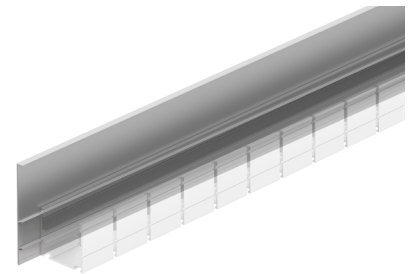
KBG Mounting Channel, Bendable Serrated Aluminum Profile, Vertical Bending, Surface Mount, 1m, Silver Anodized



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

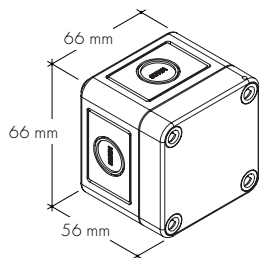
KBG Bendable Glare Shield, Horizontal Bending, 2m, Silver Anodized



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

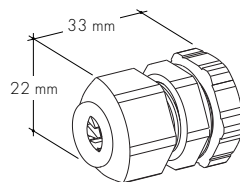
LVSP-IP66

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



LVSP-IP66-CM

Connector for splice box, low voltage for cable management, gray, IP66



TW9SO | Orderable Length Chart

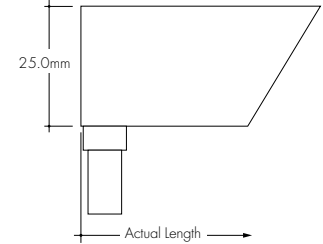
Use Actual Length for Order Code Entry

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 - 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)

Nominal Length (m)	Actual 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



RGB9SO | Orderable Length Chart

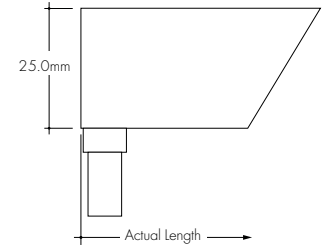
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A - Back Connector at one end of Kurba and No Connector at other end of Kurba (4mm + 2mm added to overall length)

B - Back Connector at both ends of Kurba (5mm + 5mm added to overall length)

Nominal Length (m)	Actual 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



RGBW9SO | Orderable Length Chart

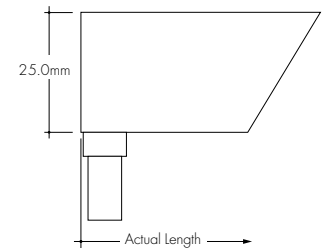
Use Actual Length for Order Code Entry

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 - 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)

Nominal Length (m)	Actual 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



SPI9SO | Orderable Length Chart

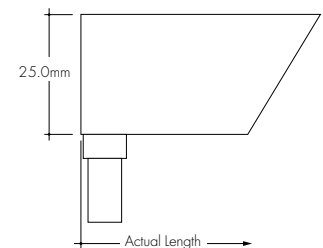
Use Actual Length for Order Code Entry

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 - 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)

Nominal Length (m)	Actual Length (m)		Pixel Qty
	A	B	
0.25	0.258	0.256	1
0.50	0.508	0.506	2
0.75	0.758	0.756	3
1.00	1.008	1.006	4
1.25	1.258	1.256	5
1.50	1.508	1.506	6
1.75	1.758	1.756	7
2.00	2.008	2.006	8



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 ₂ e(1m)	UK PART L	
CIBSE TM66	2.1	Part L1A / L1B (Dwellings)	-
RoHS Compliance	Yes	≥75 lm/W source lumens	
REACH Compliance	Yes	Part L2A (General)	-
WEEE Compliance	Yes - Registered Producer	≥95lm/W delivered lumens	
Declare	Declared	Part L2A (Display)	-
Lifetime	L90B10 100,000hrs	≥80 lm/W source lumens	
Warranty	5 Years		

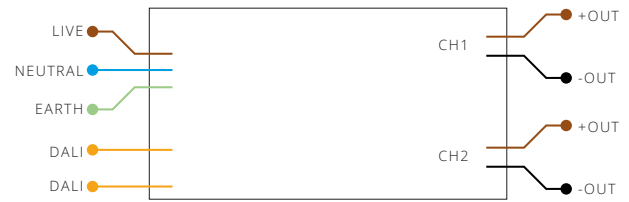
Notes: Part L data for Tunable White



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

Tunable White - 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 or DALI 2
Min. Dim Level	0.1%
Flicker	IEEE 1789 Compatible No Observable Effect

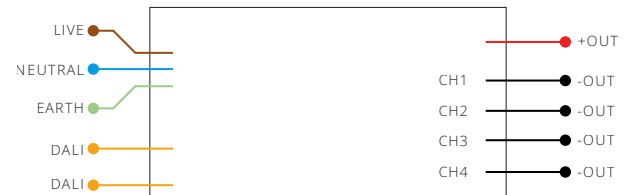


MODELS	TYPE & CCT RANGE	75W	150W	240W
Order Code	DT6 1800-3000K	PSCV-75-24-18K30K-DT6-LT	PSCV-150-24-18K30K-DT6-LT	PSCV-240-24-18K30K-DT6-LT
	DT8 1800-3000K	PSCV-75-24-18K30K-DT8-LT	PSCV-150-24-18K30K-DT8-LT	PSCV-240-24-18K30K-DT8-LT
	DT6 2700-6500K	PSCV-75-24-27K65K-DT6-LT	PSCV-150-24-27K65K-DT6-LT	PSCV-240-24-27K65K-DT6-LT
	DT8 2700-6500K	PSCV-75-24-27K65K-DT8-LT	PSCV-150-24-27K65K-DT8-LT	PSCV-240-24-27K65K-DT8-LT
	Length (mm)	295	352	380
	Width (mm)	35	35	50
	Depth (mm)	30	30	30

DT8 is recommended for new DALI-2 compatible tunable white installations. DT8 uses one DALI address to provide native control of both brightness and colour temperature. DT6 is provided for legacy compatibility, where older DALI systems or third-party BMS platforms do not support DT8 colour control. DT6 tunable white control typically uses two DALI addresses/channels, with the control system mixing warm and cool outputs to achieve the required CCT.

RGB / RGBW - DALI / DMX | Remote | Constant Voltage

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



MODELS	100W
Order Code	PSCV-100-24-D-EL
Length (mm)	388
Width (mm)	42
Depth (mm)	30

PSU can be configured for either DALI or DMX control. It is intended for colour-changing products with separately controllable red, green, blue and optional white channels. This PSU is not suitable for pixel-control products, where individual LEDs or sections of the strip require separate addressable control.



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.

