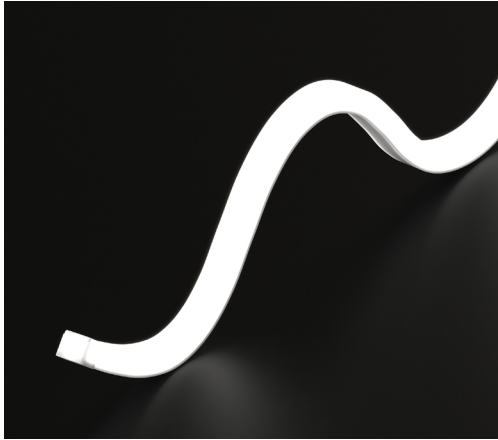


Kurba Large 3-Side Emitting Static White



Features

Kurba 3 Side Emitting is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of vertical bends up to 300mm diameter. Built with robust factory made power feeds or joiners, Kurba 3 Side Emitting mounts to a specifically designed aluminum extruded channel.

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. Also available with Black Lens

Average Life (L70)

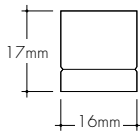
50,000 hours

Approvals

CE, UKCA, UL, Class 2, IP67

Warranty

5 years



Finish Options

Base White



Technical Information

Bending Direction	Vertical
Output	38SO
Light Output at 3000K, 80 CRI	1299 lm/m
Average Power Consumption	12 W/m
Efficacy	108 lm/W
Ordering Increment	55.56 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	Vertical	
	80 CRI	90 CRI
2200K	0.78	0.63
2700K	0.93	0.75
3000K	1.00	0.80
3500K	1.02	0.82
4000K	1.02	0.82
5700K	1.04	N/A

Ordering Code

MODEL	BEND DIRECTION	LENGTH	OUTPUT	CCT ¹	CRI	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBL-W-Kurba Large Wet	VB-Vertical Bending	SEE PAGE 5	38SO-Standard	22K-2200K 27K-2700K 30K-3000K 35K-3500K 40K-4000K 57K-5700K ¹	R80-80 CRI R90-90 CRI	3SF-3-Side Emitting Silicone Frosted	NA-See Page 4 for orderable mounting accessories	WH-White	INJECTION MOLD IME-End Feed 1 IMB-Back Feed 1 IMSA-Side A Feed IMSB-Side B Feed NPF-No Power Feed ²	INJECTION MOLD IME-End Feed 1 IMB-Back Feed 1 IMSA-Side A Feed IMSB-Side B Feed NPF-No Power Feed ²

Feeds come with 3m wire leads

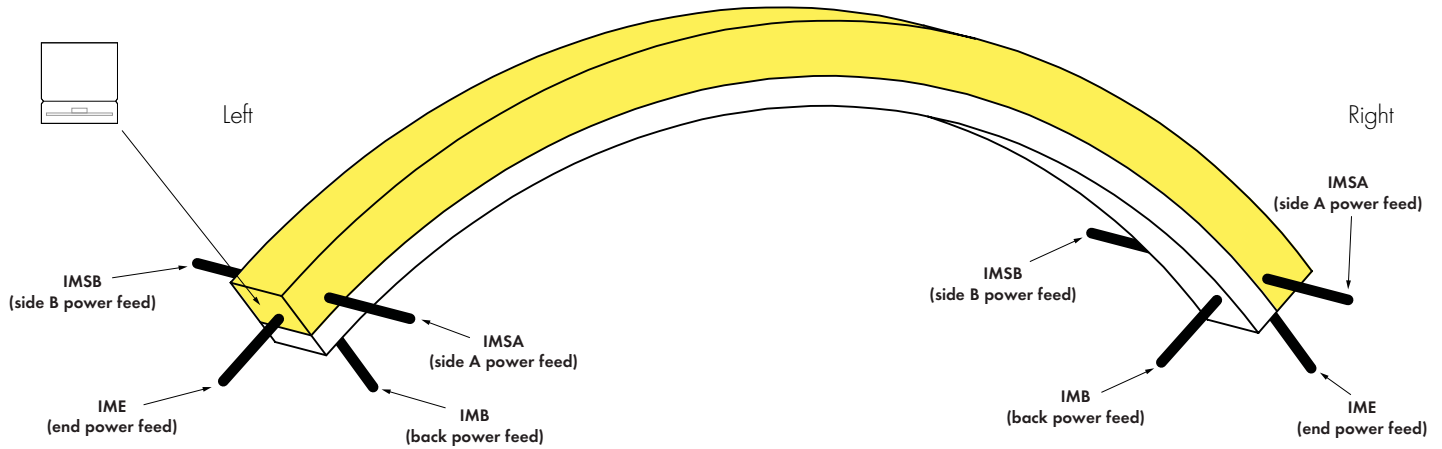
1 - 57K is not available in 90 CRI

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



Powerfeeds and Connectors

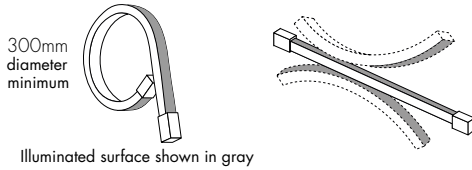
Power Feed Position Options and Orientation



Constraints

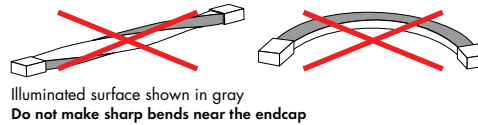
Vertical Bend Direction

Bend LED in these positions only to avoid damage



Horizontal Prohibited Bends

Twisting or bending LED in these positions will cause damage



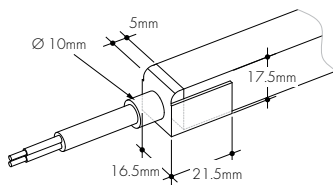
Illuminated surface shown in gray
Do not make sharp bends near the endcap

Linking and Extension Cable Options

END CONNECTOR

Injection-molded End Connector

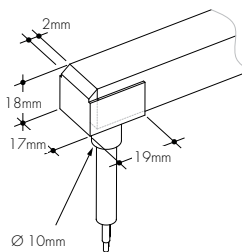
-IME



BACK CONNECTOR

Injection-molded Back Connector

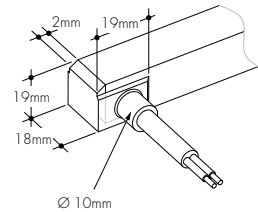
-IMB



SIDE CONNECTOR

Injection-molded Side Connector

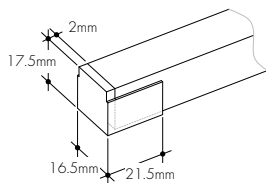
-IMSA and -IMSB



ENDCAP (NO CONNECTOR)

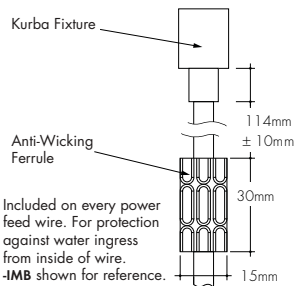
Injection-molded Cap (No Connector)

-NPF



ANTI-WICKING FERRULE

Included on every power feed wire



Included on every power feed wire. For protection against water ingress from inside of wire.
-IMB shown for reference.

POWER FEED OPTIONS

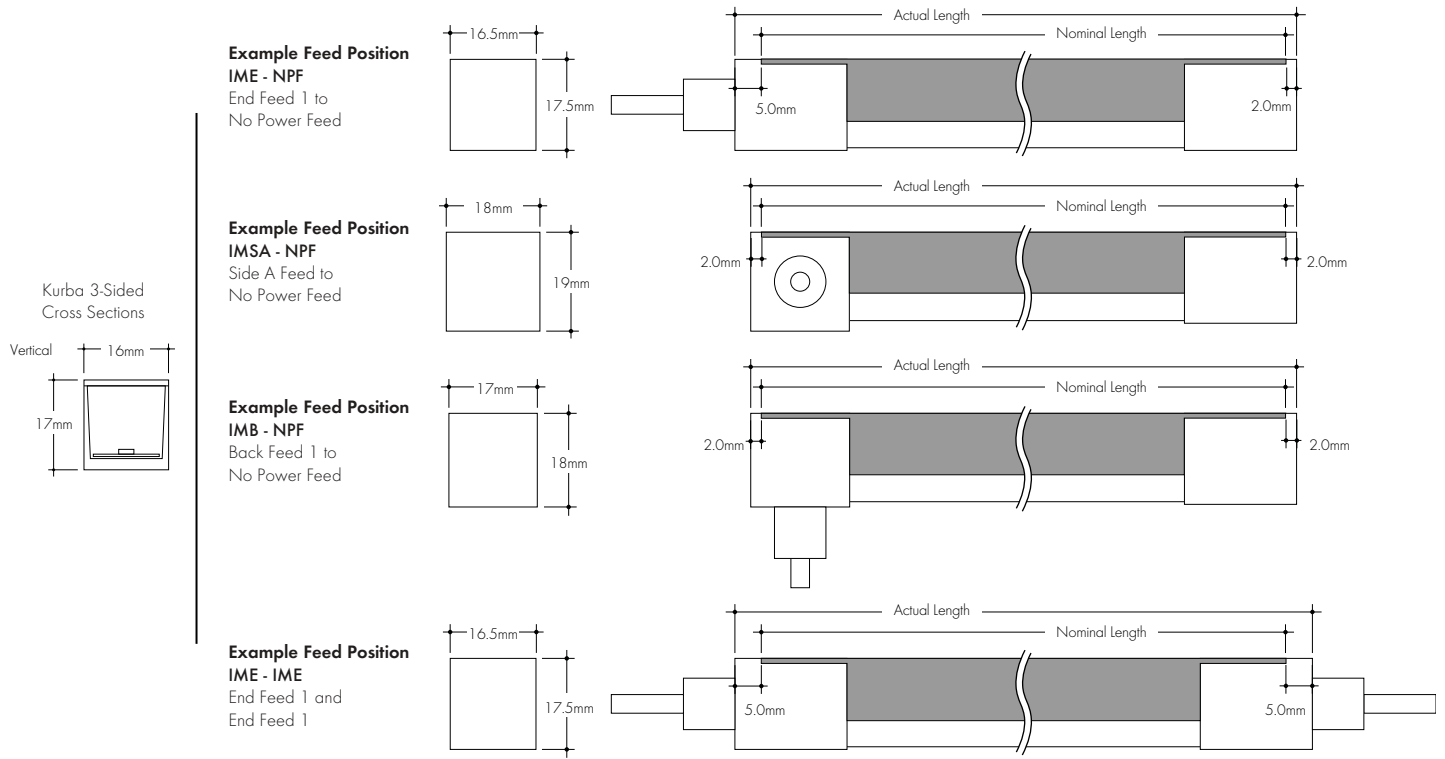
Feeds come with 3m wire leads



2 Conductor, 18 AWG

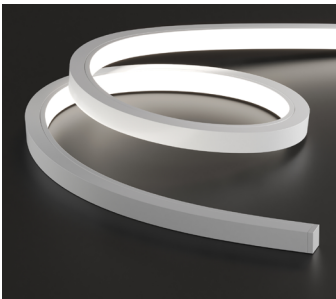


Product Dimensions



Finish Options

**White
Base**



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



Light Transmission and Dotting

Output Options	Lens/Finish
	Silicone Frosted/ White Finish
38SO	ND
Transmission Percentage	100%

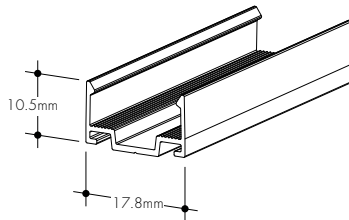


CD SD ND
 CD - Clear Dotting
 SD - Slight Dotting
 ND - No Dotting

Mounting Accessories and Optional Connectors

MC-KBL-3SF-AP-SM-20MM-SA

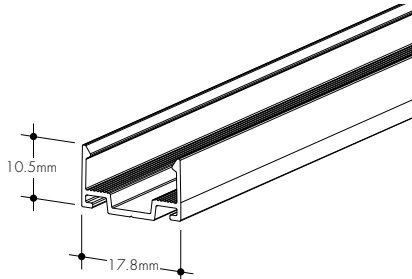
KBL 3-Side Emitting Mounting Channel, Aluminum Profile, Surface Mount, 20mm, Silver Anodized



Includes 1 mounting screw

MC-KBL-3SF-AP-SM-2M-SA

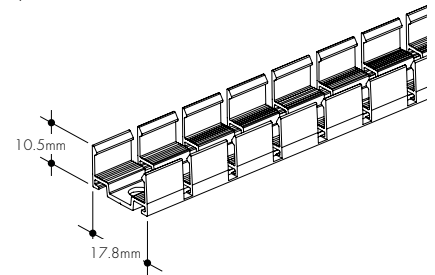
KBL 3-Side Emitting Mounting Channel, Aluminum Profile, Surface Mount, 2m, Silver Anodized



Includes 10 mounting screws

MC-KBL-3SF-BAP-VB-SM-1M-SA

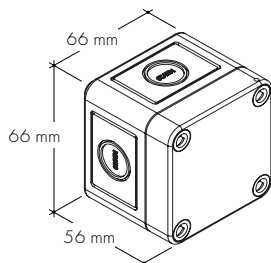
KBL 3-Side Emitting Mounting Channel, Bendable Aluminum Profile, Vertical Bending, Surface Mount, 1m, Silver Anodized



Channel Bending Diameter is 300mm in both directions.
 Includes 10 mounting screws

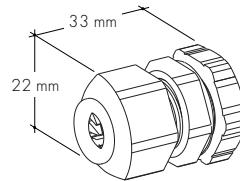
LVSP-IP66

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



LVSP-IP66-CM

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



3850 | 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 (5mm + 5mm added to overall length)

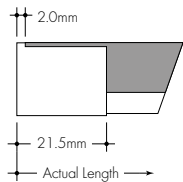
B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (5mm + 2mm added to overall length)

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

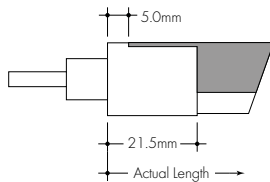
Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)			Nominal Length (m)	Actual Length (m)		
	A	B	C		A	B	C		A	B	C		A	B	C
0.20	0.177	0.174	0.171	2.20	2.177	2.174	2.171	4.20	4.177	4.174	4.171	6.20	6.177	6.174	6.171
0.25	0.232	0.229	0.226	2.25	2.233	2.230	2.226	4.25	4.233	4.230	4.227	6.25	6.233	6.230	6.227
0.30	0.288	0.285	0.282	2.30	2.288	2.285	2.282	4.30	4.288	4.285	4.282	6.30	6.288	6.285	6.282
0.35	0.344	0.340	0.337	2.35	2.344	2.341	2.338	4.35	4.344	4.341	4.338	6.35	6.344	6.341	6.338
0.40	0.399	0.396	0.393	2.40	2.399	2.396	2.393	4.40	4.399	4.396	4.393	6.40	6.400	6.397	6.393
0.45	0.455	0.452	0.449	2.45	2.455	2.452	2.449	4.45	4.455	4.452	4.449	6.45	6.455	6.452	6.449
0.50	0.510	0.507	0.504	2.50	2.510	2.507	2.504	4.50	4.511	4.507	4.504	6.50	6.511	6.508	6.505
0.55	0.566	0.563	0.560	2.55	2.566	2.563	2.560	4.55	4.566	4.563	4.560	6.55	6.566	6.563	6.560
0.60	0.621	0.618	0.615	2.60	2.621	2.618	2.615	4.60	4.622	4.619	4.616	6.60	6.622	6.619	6.616
0.70	0.677	0.674	0.671	2.70	2.677	2.674	2.671	4.70	4.677	4.674	4.671	6.70	6.677	6.674	6.671
0.75	0.732	0.729	0.726	2.75	2.733	2.730	2.727	4.75	4.733	4.730	4.727	6.75	6.733	6.730	6.727
0.80	0.788	0.785	0.782	2.80	2.788	2.785	2.782	4.80	4.788	4.785	4.782	6.80	6.788	6.785	6.782
0.85	0.844	0.841	0.837	2.85	2.844	2.841	2.838	4.85	4.844	4.841	4.838	6.85	6.844	6.841	6.838
0.90	0.899	0.896	0.893	2.90	2.899	2.896	2.893	4.90	4.899	4.896	4.893	6.90	6.900	6.897	6.894
0.95	0.955	0.952	0.949	2.95	2.955	2.952	2.949	4.95	4.955	4.952	4.949	6.95	6.955	6.952	6.949
1.00	1.010	1.007	1.004	3.00	3.010	3.007	3.004	5.00	5.011	5.008	5.004	7.00	7.011	7.008	7.005
1.05	1.066	1.063	1.060	3.05	3.066	3.063	3.060	5.05	5.066	5.063	5.060	7.05	7.066	7.063	7.060
1.10	1.121	1.118	1.115	3.10	3.122	3.118	3.115	5.10	5.122	5.119	5.116	7.10	7.122	7.119	7.116
1.20	1.177	1.174	1.171	3.20	3.177	3.174	3.171	5.20	5.177	5.174	5.171	7.20	7.177	7.174	7.171
1.25	1.232	1.229	1.226	3.25	3.233	3.230	3.227	5.25	5.233	5.230	5.227	7.25	7.233	7.230	7.227
1.30	1.288	1.285	1.282	3.30	3.288	3.285	3.282	5.30	5.288	5.285	5.282	7.30	7.288	7.285	7.282
1.35	1.344	1.341	1.338	3.35	3.344	3.341	3.338	5.35	5.344	5.341	5.338	7.35	7.344	7.341	7.338
1.40	1.399	1.396	1.393	3.40	3.399	3.396	3.393	5.40	5.399	5.396	5.393	7.40	7.400	7.397	7.394
1.45	1.455	1.452	1.449	3.45	3.455	3.452	3.449	5.45	5.455	5.452	5.449	7.45	7.455	7.452	7.449
1.50	1.510	1.507	1.504	3.50	3.510	3.507	3.504	5.50	5.511	5.508	5.505	7.50	7.511	7.508	7.505
1.55	1.566	1.563	1.560	3.55	3.566	3.563	3.560	5.55	5.566	5.563	5.560	7.55	7.566	7.563	7.560
1.60	1.621	1.618	1.615	3.60	3.622	3.619	3.615	5.60	5.622	5.619	5.616	7.60	7.622	7.619	7.616
1.70	1.677	1.674	1.671	3.70	3.677	3.674	3.671	5.70	5.677	5.674	5.671	7.70	7.677	7.674	7.671
1.75	1.733	1.729	1.726	3.75	3.733	3.730	3.727	5.75	5.733	5.730	5.727	7.75	7.733	7.730	7.727
1.80	1.788	1.785	1.782	3.80	3.788	3.785	3.782	5.80	5.788	5.785	5.782	7.80	7.788	7.786	7.782
1.85	1.844	1.841	1.838	3.85	3.844	3.841	3.838	5.85	5.844	5.841	5.838	7.85	7.844	7.841	7.838
1.90	1.899	1.896	1.893	3.90	3.899	3.896	3.893	5.90	5.900	5.896	5.893	7.90	7.900	7.897	7.894
1.95	1.955	1.952	1.949	3.95	3.955	3.952	3.949	5.95	5.955	5.952	5.949	7.95	7.955	7.952	7.949
2.00	2.010	2.007	2.004	4.00	4.010	4.007	4.004	6.00	6.011	6.008	6.005				
2.05	2.066	2.063	2.060	4.05	4.066	4.063	4.060	6.05	6.066	6.063	6.060				
2.10	2.121	2.118	2.115	4.10	4.122	4.119	4.116	6.10	6.122	6.119	6.116				

Note: all values are rounded to the nearest 2.5mm

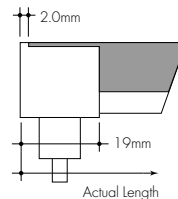
Injection Molded End Cap (IME)



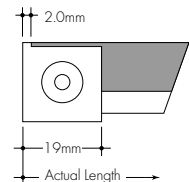
Injection Molded End Power Feed (IME)



Injection Molded Bottom Power Feed (IMB)



Injection Molded Side Power Feed (IMSA)



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	24.06kg CO ₂ e(1m)	UK PART L	
CIBSE TM66	2.1	Part L1A / L1B (Dwellings) ≥75 lm/W source lumens	Compliant 120 lm/W Source lm (1440lm) / Source W (12W)
RoHS Compliance	Yes	Part L2A (General) ≥95lm/W delivered lumens	Compliant 108 lm/W Delivered lm (1440lm) / System W (14.7W)
REACH Compliance	Yes	Part L2A (Display) ≥80 lm/W source lumens	Compliant 120 lm/W Source lm (1440lm) / Source W (12W)
WEEE Compliance	Yes - Registered Producer		
Declare	Declared		
Lifetime	L90B10 100,000hrs		
Warranty	5 Years		



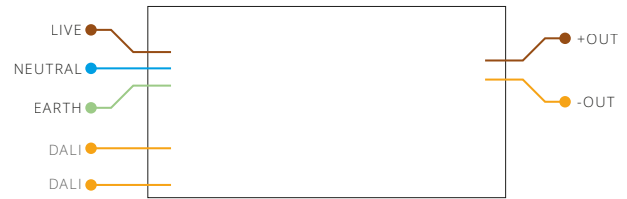
Kurba Large 3-Side Emitting Static White



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.

