

Lighting Columns

Tapered Octagonal Columns

Tapered octagonal columns are ideal for many outdoor lighting projects. Our range has standard columns up to 20m in height, and our in-house design team can custom design columns to suit your project. These columns are easy to install when combined with our foundation assemblies, and there are a wide range of mounting brackets available to suit trunnion mount or side entry luminaires in many configurations. These columns come standard with a base plate mount and a $\varnothing 76\text{mm}$ luminaire spigot.

All Urban Lighting Group columns and brackets are made from hot dip galvanized steel, and can be painted or powder-coated in your choice of colours.

Options and Accessories

- Luminaire brackets and adaptors
- Prefabricated foundation cages
- Foundation bolts and reinforcing cages
- Powder-coat or 2 pack painted finish
- Custom design to suit your exact requirement

Model	Height	Sections	Doors	Mounting	Max Load ESA ¹²	Max Load Weight ²	ULS moment ¹	ULS shear ¹	Column Weight
FL4XL1	4.0m	1	1 @ 240mm x 92mm	4 M20 @ 233	0.6m ²	60kg	3.84kNm	1.28kN	47kg
FL4.5XL1	4.5m	1	1 @ 240mm x 92mm	4 M20 @ 233	0.6m ²	60kg	4.50kNm	1.36kN	52kg
FL5XL1	5.0m	1	1 @ 240mm x 92mm	4 M20 @ 233	0.6m ²	60kg	5.09kNm	1.41kN	54kg
FL5.5XL1	5.5m	1	1 @ 320mm x 104mm	4 M20 @ 233	0.6m ²	60kg	6.02kNm	1.57kN	62kg
FL6XL1	6.0m	1	1 @ 240mm x 102mm	4 M20 @ 233	0.6m ²	60kg	6.83kNm	1.66kN	66kg
FL7XL1	7.0m	1	1 @ 240mm x 102mm	4 M20 @ 233	0.75m ²	75kg	8.60kNm	1.83kN	79kg
FL7.5XL1	7.5m	1	1 @ 240mm x 107mm	4 M20 @ 233	0.6m ²	60kg	9.11kNm	1.91kN	83kg
FL8XL1	8.0m	1	1 @ 340mm x 93mm	4 M20 @ 350	0.65m ²	65kg	11.1kNm	2.11kN	98kg
FL8L1	8.0m	1	2 @ 540mm x 152mm	4 M24 @ 350	1.2m ²	120kg	19.5kNm	3.62kN	149kg
FL8.5XL1	8.0m	1	1 @ 340mm x 93mm	4 M20 @ 350	0.7m ²	70kg	11.9kNm	2.14kN	104kg
FL9XL1	9.0m	1	1 @ 540mm x 108mm	4 M20 @ 350	0.75m ²	75kg	15.7kNm	2.68kN	120kg
FL10XL1	10.0m	1	1 @ 580mm x 109mm	4 M20 @ 350	0.6m ²	60kg	17.8kNm	3.00kN	147kg
FL10L1	10.0m	1	2 @ 580mm x 162mm	4 M24 @ 350	1.2m ²	120kg	27.2kNm	4.15kN	202kg
FL11XL2	11.0m	2	1 @ 540mm x 150mm	4 M24 @ 350	0.6m ²	60kg	21.8kNm	3.47kN	186kg
FL11L2	11.0m	2	2 @ 580mm x 162mm	4 M24 @ 350	1.2m ²	120kg	30.8kNm	4.31kN	225kg
FL12XL2	12.0m	2	1 @ 540mm x 128mm	4 M24 @ 350	0.6m ²	60kg	25.7kNm	3.81kN	194kg
FL12L2	12.0m	2	2 @ 580mm x 163mm	4 M30 @ 500	1.2m ²	120kg	38.2kNm	5.31kN	303kg
FL12M2	12.0m	2	4 @ 580mm x 159mm	4 M30 @ 500	1.8m ²	180kg	48.1kNm	6.08kN	316kg
FL13.5XL2	13.5m	2	1 @ 540mm x 126mm	4 M24 @ 350	0.6m ²	60kg	31.0kNm	4.09kN	222kg
FL13.5L2	13.5m	2	2 @ 580mm x 162mm	4 M30 @ 500	1.5m ²	150kg	55.6kNm	6.25kN	345kg
FL13.5M2	13.5m	2	4 @ 580mm x 159mm	4 M30 @ 500	1.8m ²	180kg	58.5kNm	6.68kN	380kg
FL15XL2	15.0m	2	1 @ 540mm x 125mm	4 M30 @ 350	0.6m ²	60kg	40.2kNm	4.88kN	289kg
FL15L2	15.0m	2	2 @ 580mm x 162mm	4 M30 @ 500	1.2m ²	120kg	55.2kNm	6.10kN	360kg
FL15M2	15.0m	2	4 @ 580mm x 159mm	4 M30 @ 500	1.8m ²	180kg	72.0kNm	7.75kN	451kg
FL15H2	15.0m	2	3 @ 580mm x 321mm	8 M30 @ 650	2.6m ²	220kg	95.7kNm	10.3kN	632kg
FL18XL2	18.0m	2	1 @ 540mm x 148mm	4 M30 @ 500	0.6m ²	60kg	58.4kNm	6.24kN	483kg
FL18L2	18.0m	2	2 @ 580mm x 153mm	6 M30 @ 525	1.2m ²	120kg	82.2kNm	8.25kN	619kg
FL18M2	18.0m	2	2 @ 580mm x 313mm	8 M30 @ 650	1.8m ²	180kg	118kNm	11.8kN	816kg
FL18H2	18.0m	2	3 @ 580mm x 319mm	8 M30 @ 650	2.6m ²	220kg	136kNm	12.7kN	889kg
FL20XL2	20.0m	2	2 @ 600mm x 152mm	4 M30 @ 500	0.6m ²	60kg	75.7kNm	7.53kN	632kg

¹ Max ESA, Max Load, ULS Moment and ULS shear are calculated for AS/NZS 1170.2 Region A terrain category 2.
² Maximum for the combined luminaire(s) and bracket.

