

Specialty columns

Camera Columns

Camera columns are specifically designed to provide the structural rigidity required for CCTV camera applications. Deflection at the column tip is limited to 1mm per metre of height, in accordance with AS 4806.2. These columns are easy to install when combined with our foundation assemblies, and come standard with a base plate mount and a $\varnothing 76$ mm mounting 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
- Foundation bolts and reinforcing cages
- Powder-coat or 2 pack painted finish
- Custom design to suit your exact requirement

Models

Model Code	Height	Weight	Total load	Total ESA	Camera load	Camera ESA	Camera deflection ¹
CAM4-AS4806.2	4.0m	71kg	60kg	0.6m ²	30kg	0.2m ²	4mm
CAM5-AS4806.2	5.0m	84kg	60kg	0.6m ²	30kg	0.2m ²	5mm
CAM6-AS4806.2	6.0m	105kg	60kg	0.6m ²	30kg	0.2m ²	6mm
CAM8-AS4806.2	8.0m	182kg	60kg	0.6m ²	30kg	0.2m ²	8mm
CAM10-AS4806.2	10.0m	344kg	60kg	0.6m ²	30kg	0.2m ²	10mm
CAM12-AS4806.2	12.0m	467kg	60kg	0.6m ²	30kg	0.2m ²	12mm
CAM15-AS4806.2	15.0m	842kg	60kg	0.6m ²	30kg	0.2m ²	15mm
CAM18-AS4806.2	18.0m	1346kg	60kg	0.6m ²	30kg	0.2m ²	18mm

¹ Camera deflection is measured when only the camera load and ESA are applied. Deflection will be greater if the total load is applied.

Indicative footings

Model Code	Base mounting	Reinforcing cage	Hole diameter	Hole depth	Moment ¹	Shear
CAM4-AS4806.2	4 M24 on 350mm PCD	REO-470X1000	600mm	1200mm	3.79kNm	1.28kN
CAM5-AS4806.2	4 M24 on 350mm PCD	REO-470X1200	600mm	1400mm	5.11kNm	1.48kN
CAM6-AS4806.2	4 M24 on 350mm PCD	REO-470X1400	600mm	1600mm	6.93kNm	1.78kN
CAM8-AS4806.2	4 M30 on 500mm PCD	REO-620X1600	750mm	1800mm	12.4kNm	2.70kN
CAM10-AS4806.2	8 M30 on 500mm PCD	REO-620X2000	750mm	2200mm	18.2kNm	3.33kN
CAM12-AS4806.2	8 M30 on 700mm PCD	REO-1070X2000	1200mm	2200mm	30.9kNm	5.15kN
CAM15-AS4806.2	8 M30 on 800mm PCD	REO-1070X2600	1200mm	2800mm	53.3kNm	7.49kN
CAM18-AS4806.2	16 M30 on 900mm PCD	REO-1070X3200	1200mm	3400mm	84.5kNm	10.0kN

¹ Ultimate base moment and shear shown is based on AS/NZS 1170.2 Region A, terrain category 2.

Note: footing details shown are indicative only. A site assessment must be carried out by a qualified engineer in order to account for site specific factors such as wind loads, soil conditions and terrain category. This assessment is the responsibility of the installation contractor. Urban Lighting Group takes no responsibility for use of the footing details shown on this sheet.

