



Square poles

Square section poles

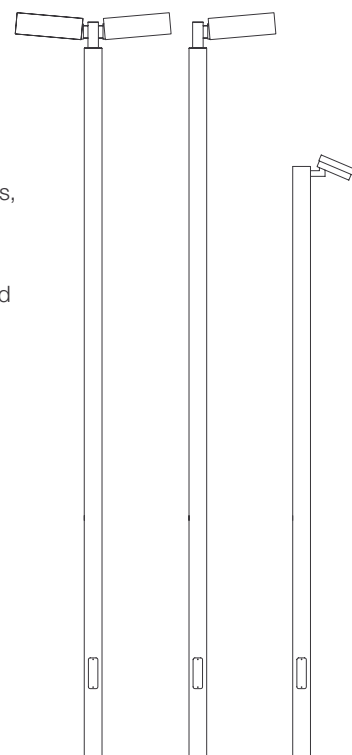
The square section lighting pole is ideally used for floodlighting and gives the perfect balance when used with a square shoe box fitting. The range extends from 2 metres to a maximum height of 12metres. The square section pole can also be used as a small camera pole up to 5 metres in height.

Applications

Car parking lighting
Shopping centres
Universities
Pathway lighting
Park lands
School yards
Small sporting facilities such as tennis and netball courts

Design options & accessories

- The square section pole range is standard base plate mounted, however in-ground mounted can be designed.
- All poles are hot dip galvanized to AS/NZS 4680:2006, and can be powder coated or painted.
- All pole accessories such as luminaire crossarms, adaptors and headframes are available.
- Security or tamper proof screws for access door covers.
- The product data sheet represents the standard range, but other heights and section sizes can be custom designed to meet specific requirements.



NOMINAL HEIGHT m	PRODUCT CODE	MAXIMUM SAIL AREA (m ²) TERRAIN CATEGORY		MAXIMUM TOP MASS kg	POLE DIAMETER		DOOR SIZE		BOLT CONFIGURATION PCD	LIMIT STATE BASE MOMENT kNm	LIMIT STATE BASE SHEAR kN	POLE MASS kg
		2	3		TOP	BOTTOM	LENGTH	WIDTH				
LIGHT DUTY												
4	SHS4BPL	1.30	1.60	130	100	100	210	60	4 x M20@233	12.4	3.4	58.5
5	SHS5BPL	0.85	1.05	120	100	100	210	60	4 x M20@233	11.0	2.6	71
6	SHS6BPL	0.55	0.74	90	100	100	210	60	4 x M20@233	10.2	2.2	83
7	SHS7BPL	0.50	0.73	85	100	100	210	60	4 x M20@233	12.2	2.3	95.7
8	SHS8BPL	0.39	0.62	65	100	100	210	60	4 x M20@233	13.1	2.3	131.5
9	SHS9BPL	0.29	0.53	50	100	100	210	60	4 x M20@233	13.8	2.4	171
MEDIUM DUTY												
4	SHS4BPM	1.40	1.75	200	125	125	210	60	4 x M24@350	13.7	3.8	81
5	SHS5BPM	1.05	1.32	160	125	125	210	60	4 x M24@350	13.7	3.2	97
6	SHS6BPM	0.75	1.01	130	125	125	210	60	4 x M24@350	13.7	2.9	112
8	SHS8BPM	0.60	0.94	110	125	125	210	60	4 x M24@350	18.5	3.2	148
10	SHS10BPM	0.30	0.64	75	125	125	210	60	4 x M24@350	19.5	3.1	216
HEAVY DUTY												
4	SHS4BPH	3.23	3.92	300	150	150	210	60	4 x M24@350	29.4	7.8	115
5	SHS5BPH	2.48	3.04	250	150	150	210	60	4 x M24@350	29.4	6.5	138.5
6	SHS6BPH	1.88	2.43	200	150	150	210	60	4 x M24@350	29.4	5.6	162
8	SHS8BPH	1.09	1.63	180	150	150	210	60	4 x M24@350	29.3	4.7	210
10	SHS10BPH	0.57	1.07	110	150	150	210	60	4 x M24@350	28.8	4.3	257
12	SHS12BPH	0.23	0.61	90	150	150	210	60	4 x M30@350	28.6	4.2	304

NOTES:- INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE, PLEASE ENSURE THAT INFORMATION IS CURRENT AT TIME OF ORDER

1 - TOPOGRAPHIC MULTIPLIER (M) IN ACCORDANCE WITH AS1170.2 - 1.0

2 - TERRAIN CATEGORY IN ACCORDANCE WITH AS1170.2

3 - BASE OF POLE AT GROUND LEVEL AND NOT ELEVATED

4 - SERVICABILITY DEFLECTION LIMIT = HEIGHT DIVIDED BY 15

5 - MAXIMUM SAIL AREAS HAVE BEEN DESIGNED FOR LIGHTING ONLY

6 - POLE DIAMETER IS MEASURED AS THE FLAT TO FLAT DIMENSION

7 - SAIL AREAS AND TOP MASSES DO NOT INCLUDE ALLOWANCE FOR MAINTENANCE ACCESS

8 - IMPORTANCE LEVEL 1 IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA

9 - ALL POLES DESIGNED FOR REGION A IN ACCORDANCE WITH AS1170.2

10 - COPYRIGHT © 2008 COULTHARD SHIM PTY LTD & COSLEE HEAVY METAL FABRICATORS PTY LTD

