



Tapered round poles

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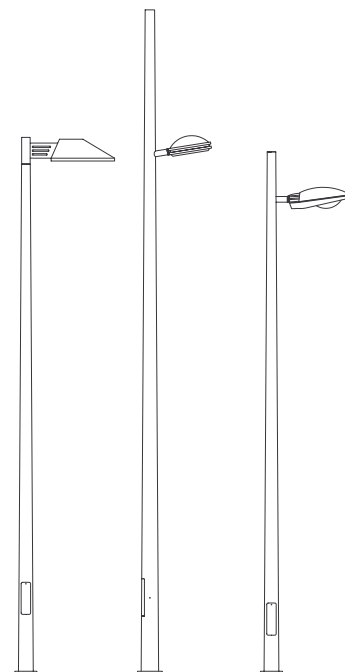
The tapered round pole range is very similar to the tapered octagonal range, but gives a modern and stylish appearance when applied to commercial and architectural environments. Tapered round poles of up to 15 metres in standard height are also commonly used in small to medium sized floodlighting projects. They represent a typical form of street lighting and can add charm and sophistication to any precinct or neighbourhood.

Applications

Sports lighting
Parks and reserves
Commercial and industrial developments
Construction sites
Mining sites
Railways
Airports
Car park lighting
Shopping centres

Design options & accessories

- The tapered round 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.
- The tapered round pole range is available in standard heights of 4.5 metres to 15 metres, larger heights are also available upon request.
- All pole accessories such as luminaire crossarms, adaptors, headframes, platforms, Lad Saf system, climbing rungs and lightning protection rods are available.
- Extra access doors for the larger tapered round poles.
- 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.
- Slip joint assembly required for poles over 11 metres in height.



NOMIINAL 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												
4.5	TRBPL4.5	0.60	0.95	60	84	138	300	100	4 x M20@233	4.5	1.2	45
5	TRBPL5	0.60	0.95	60	84	144	300	100	4 x M20@233	5.2	1.3	51
6	TRBPL6	0.90	1.50	100	84	156	300	100	4 x M20@233	9.4	1.8	62
8	TRBPL8	1.60	2.10	120	84	180	300	100	4 x M24@350	18.8	2.9	103
10	TRBPL10	1.00	1.60	140	84	204	410	130	4 x M24@350	18.9	2.6	132
12	TRBPL12	0.92	1.61	200	90	228	410	130	4 x M24@350	24.6	2.9	171
18	TRBPL18	0.60	1.00	60	99	308	600	150	4 x M36@500	47.8	4.7	337
MEDIUM DUTY												
7	TRBPM7	2.85	3.80	400	114	198	300	90	4 x M24@350	25.99	4.18	136
8	TRBPM8	1.50	2.16	150	136	232	600	190	4 x M24@350	18.8	3.0	136
10	TRBPM10	1.50	2.42	180	130	250	600	190	4 x M24@350	26.8	3.5	169
12	TRBPM12	1.21	1.95	300	110	248	600	190	4 x M24@350	29.7	3.5	227
15	TRBPM15	1.21	1.85	300	92	264	600	190	4 x M30@350	46.8	4.6	342

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