

WAGNERS

Composite Fibre Technologies (CFT)

LIGHT POLES



Wagners composite light poles are uniquely suited to provide a long lasting, aesthetic lighting solution to any residential, commercial or industrial project. The lightweight, rust-proof nature of using a Wagners composite light pole results in quicker and safer installation.

The durability and strength of a Wagners composite light pole provides customers with a long life asset. Wagners years of experience in composite structures have produced light poles from 3m to 12m servicing a wide array of industries. Choose from an existing pole or work with Wagners' full in-house design team to create your custom lighting solution.

PERFORMANCE ADVANTAGES

- » Superior weight advantage for quick and easy installation
- » Designed to withstand harsh weather environment
- » Resistant to acid sulphate soils
- » Cathodic protection not required
- » Inert, environmentally stable material

**WAGNERS COMPOSITE PRODUCTS WILL
NOT RUST, ROT OR CORRODE.**



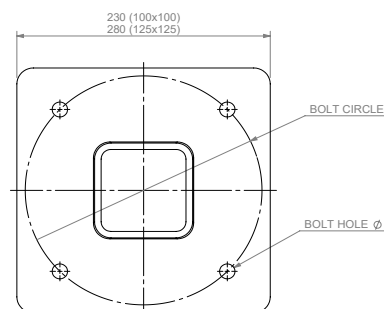
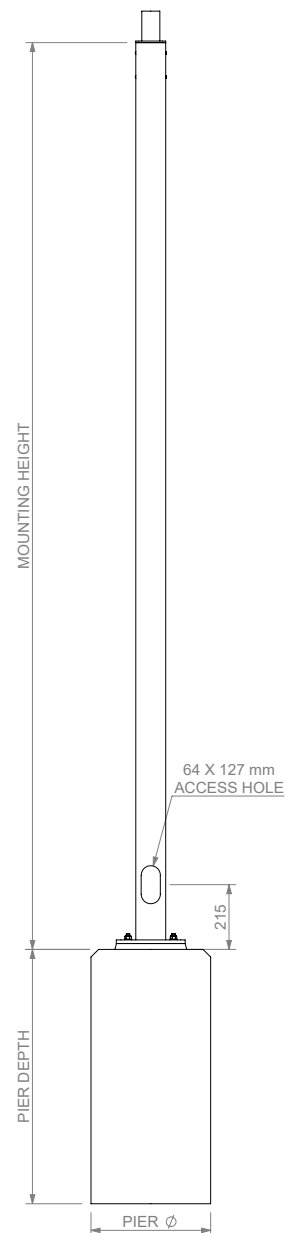
TECHNICAL DATA

Anchor Base Light Poles								
PRODUCT CODE	MOUNTING HEIGHT (m)	DRAWING REFERENCE	ANCHOR BASE (AB)		BORED PIER			
			Bolt Ø (mm)	Bolt Circle (mm)	Pier Ø (mm)	Pier Depth (mm)		
						Wind Region A	Wind Region B	Wind Region C
WGN-AB/XX-100/S/3.0-N0.0	3.0	Type 1	M12	215	450	600	600	800
WGN-AB/XX-100/S/4.5-N0.0	4.5	Type 1	M12	215	450	700	800	1000
WGN-AB/XX-100/S/6.0-N0.0	6.0	Type 2	M16	215	450	800	900	1100
WGN-AB/XX-100/S/7.5-N0.0	7.5	Type 2	M16	215	450	1000	1100	1400
WGN-AB/XX-125/S/4.5-N0.0	4.5	Type 3	M16	247.5	600	700	700	900
WGN-AB/XX-125/S/6.0-N0.0	6.0	Type 3	M16	247.5	600	800	900	1100
WGN-AB/XX-125/S/7.5-N0.0	7.5	Type 4	M20	247.5	600	900	1000	1300
WGN-AB/XX-125/S/9.0-N0.0	9.0	Type 4	M20	247.5	600	1000	1100	1500

Note:

- Above footing details are based on terrain category 2 sites and firm foundation soil with min. Allowable bearing capacity of 100 kPa. To be confirmed on each site.
- For sites with loose foundation material or low level rock, a pad footing option may be more suitable than bored piers.
- Detailed drawings for each type are available upon request.

WGN - AB / MS - 154 / C / 6.0 - S 1.5 / S								
Wagners Stock Name	Mounting	Connection Material	Cross Section	Shape	Mounting Height (m)	Quantity of Outreach	Outreach Length (m)	Luminaire Type
AB - Anchor Based DB - Direct Burial	SS - Stainless Steel MS - Mild Steel AL - Aluminium	100 - 100x100mm 125 - 125x125mm 154 - 154mm 230 - 230mm 293 - 293mm 301 - 301mm	S - Square C - Circular R - Rectangular			N - None S - Single D - Double T - Triple Q - Quadruple		S - Solar P - Powered

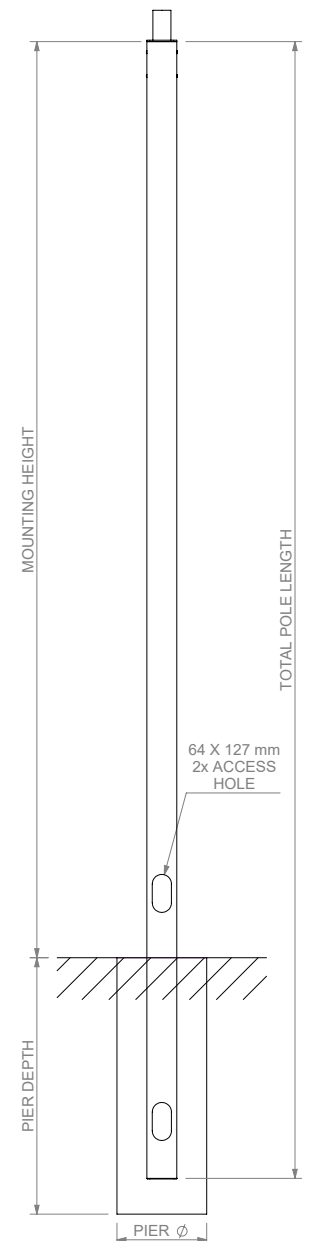
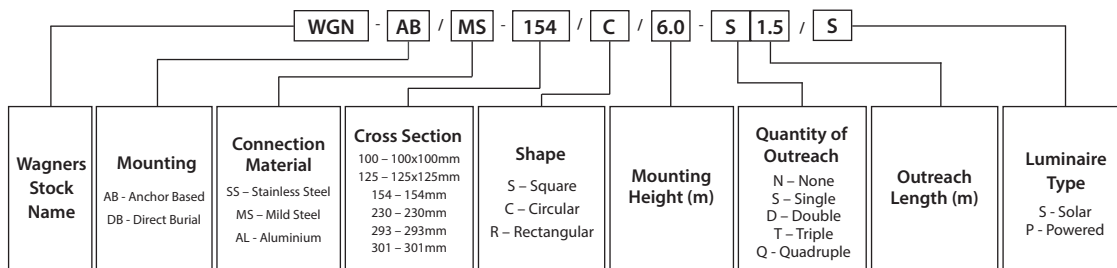


TECHNICAL DATA

Direct Burial Light Poles								
PRODUCT CODE	MOUNTING HEIGHT (m)	BORED PIER				TOTAL POLE LENGTH (m)		
		Pier Ø (mm)	Pier Depth (mm)					
			Wind Region A	Wind Region B	Wind Region C	Wind Region A	Wind Region B	Wind Region C
WGN-DB/XX-100/S/3.0-N0.0	3.0	300	700	700	900	3.55	3.55	3.75
WGN-DB/XX-100/S/4.5-N0.0	4.5	300	800	900	1100	5.15	5.25	5.45
WGN-DB/XX-100/S/6.0-N0.0	6.0	300	1000	1100	1400	5.95	6.95	7.25
WGN-DB/XX-100/S/7.5-N0.0	7.5	300	1200	1300	1600	8.55	8.65	8.95
WGN-DB/XX-125/S/4.5-N0.0	4.5	300	900	900	1200	5.25	5.25	5.55
WGN-DB/XX-125/S/6.0-N0.0	6.0	300	1000	1100	1500	6.85	6.95	7.35
WGN-DB/XX-125/S/7.5-N0.0	7.5	300	1200	1300	1700	8.55	8.65	9.05
WGN-DB/XX-125/S/9.0-N0.0	9.0	300	1400	1500	2000	10.25	10.35	10.85

Note:

- Above footing details are based on terrain category 2 sites and firm foundation soil with min. Allowable bearing capacity of 100 kPa. To be confirmed on each site.
- For sites with loose foundation material or low level rock, a pad footing option may be more suitable than bored piers.
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DESIGN

- » 7 year full replacement warranty
- » Designed in accordance with AS/NZS standards
- » Wide range of tenon sizes available to suit all luminaires
- » Additional drilled holes available upon request
- » 316 stainless steel connection hardware available for marine environments
- » Industry standard access hatch sizing
- » Custom designs available
- » Typically designed to 15% maximum deflection

STRUCTURAL COATING COLOURS

WHITE N14	NEUTRAL GRAY N23	LIGHT GREY N35
SAND Y44	MOSS GREEN G14	BRIDGE GREY N44
BROWN X54	EUCALYPTUS G52	DARK GRAY N64
DARK BROWN X65	SLATE G64	CHARCOAL B64
IRONBARK X63	MIDNIGHT BLUE B62	BLACK N61

Whilst every effort is made to accurately colour match, variation in color on the final product may occur.

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CONTACT US

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