

DESCRIPTION

Nordeon steel poles are ideal for commercial, industrial, municipal, and retail applications requiring a high quality and cost effective pole to support lighting, banners, security devices, and other pole mounted site elements. Nordeon poles are made of weldable grade cold rolled carbon steel tubing conforming to ASTM A500 Grade B. Fabricated to the highest standards, Nordeon poles come in round and square straight steel versions as well as round tapered to meet your application needs. Hot rolled carbon steel base with anchor bolts ensure a strong and dependable mounting. Standard or custom drill mount and tenon mount options are easy to specify along with crossarms and coupling options and electrical box details for a complete offering.

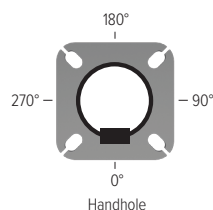


ORDERING INFORMATION

ROUND TAPERED STEEL POLE

MODEL	HEIGHT	GAUGE	BUTT Ø	TOP Ø	BASE	MOUNTING ¹	ELECTRICAL BOX ¹	ACCESSORIES & OPTIONS	FINISH
RTS Round Tapered Steel Pole	10	11G	--*	--*	4	DRILL MOUNTING	FA	C12 ²	BA
	10'	11-Gauge	*See chart on page 2 to make butt diameter selection. Then, enter the selected dimension as a whole number. For example, if 3.9-inches is chosen, "39" should be entered.	*See chart on page 2 to make top diameter selection. Then, enter the selected dimension as a whole number. For example, if 3.9-inches is chosen, "39" should be entered.	4-Bolt Base		30" Up @ 180°	Threaded Coupling 1/2"	Black
	14	7G					FB	C34 ²	BH
	14'	7-Gauge					30" Up @ 0°	Threaded Coupling 3/4"	White
	20						FC	C10 ²	BM
	20'						30" Up @ 90°	Threaded Coupling 1"	Dark Bronze
	25						FD	EHH ²	BV
	25'						30" Up @ 270°	Extra Handhole	Dark Green
	30					TENON MOUNTING	FE	GF1	GC
	30'						36" Up @ 180°	Duplex GFCI Receptacle with Cover	Grey
	35						FF	GF2	XX
	35'						36" Up @ 0°	Duplex GFCI Receptacle with In-Use Cover	Custom RAL Color
	39						FG	LAB	1Q
	39'						36" Up @ 90°	Less Anchor Bolts	Galvanized Only
	45						FH	LPC	1C
	45'						36" Up @ 270°	Less Pole Cap	Black Powder Coat over Galvanizing
	50						FI	PAB	1D
	50'						24" Up @ 180°	Pre-Shipped Anchor Bolts	White Powder Coat over Galvanizing
							FK	VD2	1B
							24" Up @ 90°	Vibration Dampener: 2 nd Mode	Dark Bronze Powder Coat over Galvanizing
							FL		1Y
							24" Up @ 270°		Dark Green Powder Coat over Galvanizing
							FZ		1J
							Custom; Specify Orientation and Height		Grey Powder Coat over Galvanizing
									XX
									Special Powder Coat over Galvanizing

Drawing A
Pole Orientation - Plan View



¹See Drawing A for orientation degree relative to handhole position.

²Specify location for applicable accessories and options.

RTS

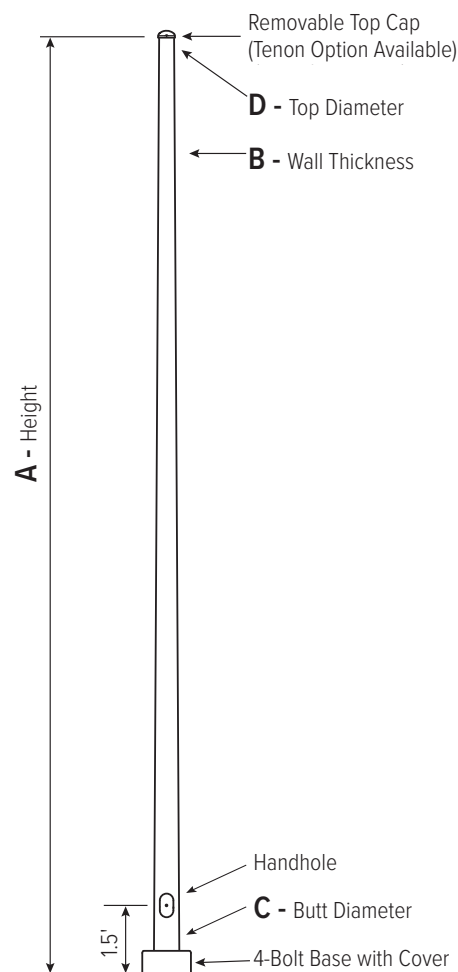
Round Tapered Steel Pole



POLE

Pole shaft shall be weldable-grade, hot-rolled, commercial quality carbon steel tubing conforming to ASTM A595 Grade A. Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.1 using ER70S-6 electrodes.

A HEIGHT	B WALL GAUGE	C BUTT Ø	D TOP Ø	TOTAL LUM. WEIGHT	MAXIMUM EPA					
					90	100	110	120	130	140
10	11	4.5	3.1	370	31.5	25.2	23.5	19.5	16.4	14.0
14	11	5.2	3.1	365	30.4	24.2	22.5	18.5	15.5	13.2
20	11	6.1	3.3	340	25.9	20.4	18.8	15.4	12.8	10.8
20	11	6.6	3.7	385	25.5	20.0	18.5	15.2	12.6	10.7
25	11	6.1	2.6	280	19.0	14.7	13.5	10.8	8.8	7.2
25	11	6.8	3.3	325	19.4	15.0	13.8	11.1	9.1	7.5
30	11	6.8	2.6	275	14.6	11.1	10.1	7.9	6.2	5.0
30	11	7.5	3.3	315	23.3	18.0	16.6	13.4	11.0	9.1
30	11	8	3.8	345	27.4	21.4	19.7	16.1	13.4	11.3
30	11	8.5	4.3	375	31.3	24.7	22.9	18.8	15.8	13.4
30	11	9	4.8	405	35.2	27.9	25.9	21.5	18.1	15.4
30	7	9	4.8	585	57.0	45.6	42.5	35.4	29.9	25.6
35	11	7.5	2.6	265	17.0	13.1	11.9	9.4	7.5	6.0
35	11	8	3.1	295	20.6	15.8	14.5	11.5	9.3	7.6
35	11	8.5	3.6	320	23.9	18.4	17.0	13.7	11.2	9.3
35	11	9	4.1	345	26.9	21.0	19.4	15.8	13.1	11.1
35	7	9	4.1	490	44.9	35.5	33.0	27.2	22.9	19.4
39	11	8	2.5	260	15.8	12.1	11.1	8.7	6.8	5.4
39	11	9	3.5	305	21.9	16.8	15.4	12.3	10.0	8.2
39	7	9	3.5	425	36.6	28.8	26.7	21.9	18.2	15.4
39	11	10	4.5	350	25.4	19.8	18.2	14.9	12.4	10.4
39	7	11	5.5	600	53.7	43.0	40.0	33.2	27.8	23.6



2-PIECE SHAFT DESIGN

A HEIGHT	B WALL GAUGE	C BUTT Ø	D TOP Ø	TOTAL LUM. WEIGHT	MAXIMUM EPA					
					90	100	110	120	130	140
45	11	10	3.9	285	19.2	14.6	13.4	10.5	8.5	7.0
45	7	11	4.9	510	41.1	32.5	30.3	24.9	20.8	17.5
45	7	12	5.9	600	57.9	47.3	44.4	37.1	31.7	26.7
50	11	10	3.2	250	15.7	11.5	10.3	7.9	6.0	4.7
50	7	11	4.2	495	34.4	26.9	24.7	20.9	16.7	13.9
50	7	12	5.2	525	41.2	33.0	30.9	25.6	21.9	18.7

C BUTT Ø	F BOLT CIRCLE Ø	G BASE SQUARE	H BOLT PROJECTION	I BOLT SIZE
4.5	7.5-8.5	8	3.75	.75 × 17 × 3
5.2	8 - 9	8.5	3.75	.75 × 17 × 3
6.1 - 6.6	9.5 - 10.5	10	3.75	.75 × 30 × 3
6.8	10 - 11	10	3.75	.75 × 30 × 3
7.0* - 7.5	10.5 - 11.5	10.5	4.875	1 × 36 × 4
8.0	11 - 12	11	4.875	1 × 36 × 4
8.5	11.5-12.5	12	4.875	1 × 36 × 4
9.0 (11-Gauge)	12 - 13	12.375	4.875	1 × 36 × 4
9.0 (7-Gauge)	13 - 14	12.75	5.875	1.25 × 48 × 6
10	13.5 - 14.5	13	4.875	1 × 48 × 4
11	15 - 16	14	5.875	1.25 × 48 × 6
12	16 - 17	15.5	6.75	1.5 × 54 × 6

Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

EPA NOTES: Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

* Nominal

Dimensions in Inches

EXPERIENCE BRANDS

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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear online are the most recent ones available. *Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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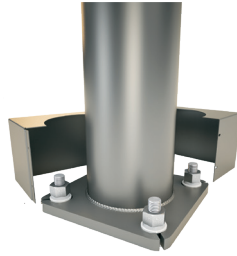
RTS

Round Tapered Steel Pole



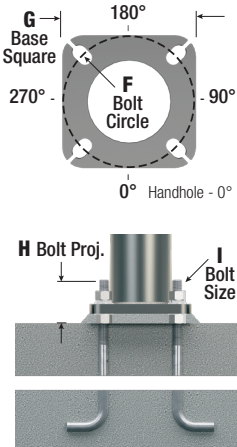
BASE STYLE

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware. Base Cover will be fabricated from metal materials.



ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.



HANDHOLE

UP TO 5.9" BUTT DIAMETERS

Reinforced, 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.



6"+ BUTT DIAMETERS

Reinforced, 4" x 6 1/2" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

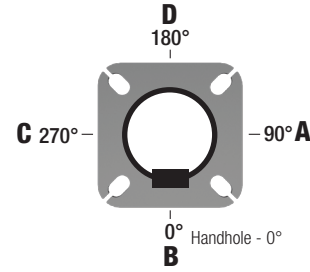


BASE COVER

Square metal powder coated Base Covers are standard on all RTS poles.



POLE ORIENTATION



MOUNTING OPTIONS

SIDE DRILL MOUNT

Includes removable pole cap.

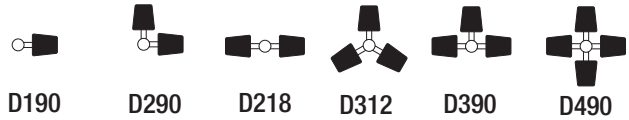
NOTE: A luminaire drilling template must be supplied at time of order.

TENON MOUNT

For Tenon Mount applications specify both Tenon diameter and length.



DRILL MOUNT OPTIONS



ELECTRICAL BOX

NOTE: GFCI options must be specified in Accessories.



BOX ONLY

GFC1

Duplex GFCI
Receptacle with Cover

GFCI/IU

Duplex GFCI
Receptacle
with In-Use Cover

VIBRATION DAMPER

If determined necessary by Nordeon Lighting, an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

ADDERS

FLOODLIGHT CROSSARM ADDERS

Single Side Mount Square Floodlight Arm for SSS

SQARM-SQSS



Single Side Mount Round Floodlight Arm for SSS

RDARM-SQSS



Double Square Floodlight Arm (In Line 3')

DBLARM-LN3



Triple Square Floodlight Arm (In Line 5'6")

TPLARM-LN5.5



Quad Square Floodlight Arm (4 @ 90°)

QUDARM-4



Quad Square Floodlight Arm (In-Line 5'6")

QUDARM-LN5.5



Quad Square Floodlight Arm, (In-Line 6'6")

QUDARM-LN6.5



ALUMINUM BULLHORN CROSSARM ADDERS

Double Bull-Horn (In Line, 3')

DBLBHRN-LN3



Triple Bull-Horn (In Line, 5')

TPLBHRN-LN5



Triple Bull-Horn, (3 @ 120°)

TPLBHRN-3



Quad Bull-Horn (In-Line, 7' 6")

QUDBHRN-LN7.5



Quad Bull-Horn (4 @ 90°)

QUDBHRN-4



FREIGHT POLICY

Pole and Accessory prices are freight prepaid and included on all orders to Continental United States.

All freight allowed orders are subject to be held for freight consolidation (maximum of 2 weeks).

Pre-shipped Anchor Bolts requires a freight adder.