

LEDVANCE Poles

STRAIGHT ROUND ALUMINUM POLES

Application

LEDVANCE straight round aluminum poles are offered in a variety of heights and mounting configurations include tenon top, drilled for one, two, three or four fixtures. The poles will cover all of your mounting needs from post tops to floodlights to area lights, ideal for parking lots, parks and pedestrian walkways, outdoor storage areas, small sports lighting and any open space needing illumination.

Benefits and Features

- Poles available in 6 heights — 10', 12', 14', 15', 20' and 25'
- 14' poles are 3" diameter
 - 10', 12', 15' and 20' poles are 4" diameter
 - 20' and 25' poles are available in a 5" diameter
- Fabricated from 6063 Aluminum Alloy with T6 Temper
- Die Cast anchor base from 356 Aluminum Alloy

Warranty

- 5-year
- NLB Trusted Warranty Program

Specifications

- Round Smooth Aluminum Poles with powder coat paint; available in black, bronze or gray finish
- Anchor Bolts included
- Reinforced 3" x 5" die cast aluminum hand hole with cover and ground screw
- Drilled poles include UV-stabilized polycarbonate spring loaded top cover
- Easily secured 2-piece base cover included
- Bolt circle template included

Installation

- Confirm maximum EPA and weight for pole
- EPAs are estimates and an engineer should be consulted for the specific application



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

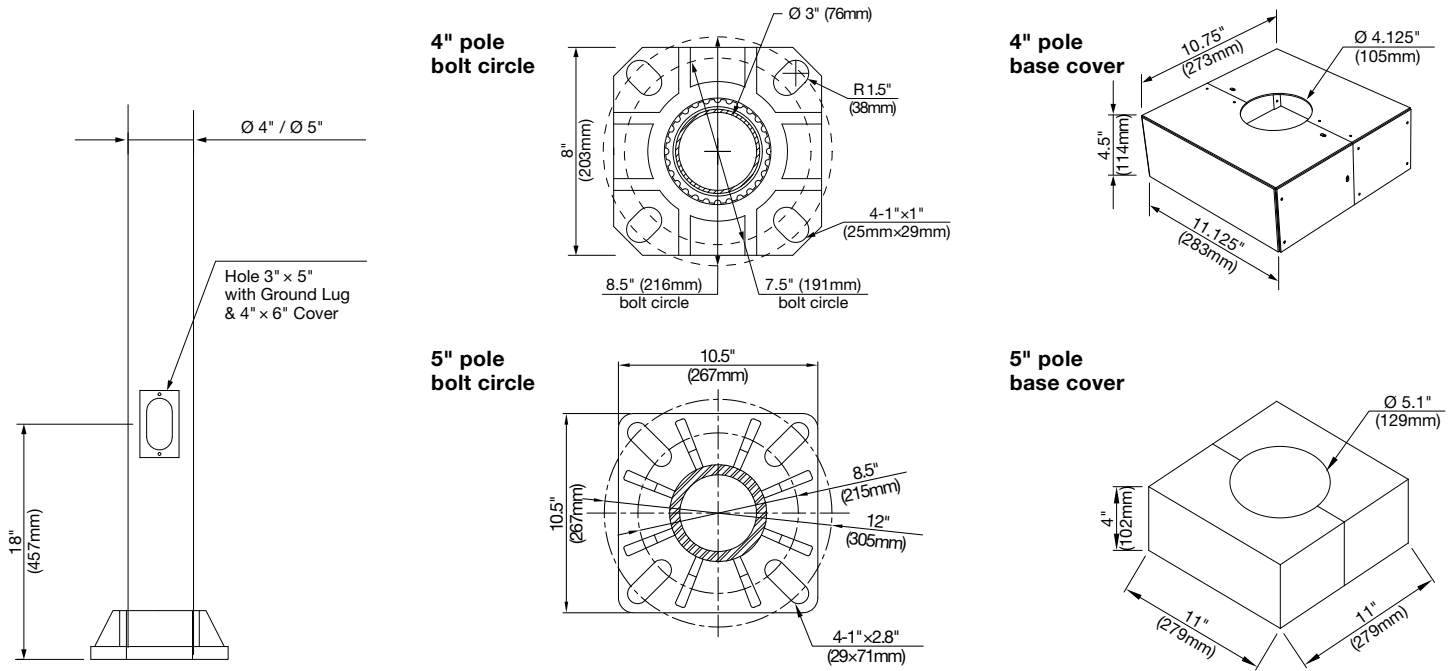
POLESRA	2X	/	XX	XXXX	XXIN	XXXXX	XX
Product Name	Generation		Height	Wall Thickness	Size	Mounting Configuration	Finish
POLESRA = Straight Round	2B = Generation 2B		10 = 10 feet	Blank = Standard (0.196")	3IN = 3 inch diameter	TT = Tenon Top	BL = Black
Aluminum Poles	2C = Generation 2C		12 = 12 feet	W125 = 0.125"	4IN = 4 inch diameter	D1 = Drill 1 side	BZ = Bronze
			14 = 14 feet		5IN = 5 inch diameter	D290 = Drill 2 sides @ 90°	GR = Gray
			15 = 15 feet			D2180 = Drill 2 sides @ 180°	
			20 = 20 feet			D3 = Drill 3 sides	
			25 = 25 feet			D4 = Drill 4 sides	

Ordering Information

Item Number	Ordering Abbreviation	Shape	Height (ft)	Wall Thickness (in)	Size (in)	Mounting Configuration	Finish
68275	POLESRA2C/104INTTBZ	Round Straight	10	0.196	4	Tenon top	Bronze
66092	POLESRA2B/124IND1BL	Round Straight	12	0.196	4	Drill 1 side	Black
66094	POLESRA2B/124IND2180BL	Round Straight	12	0.196	4	Drill 2 sides @ 180°	Black
66093	POLESRA2B/124IND290BL	Round Straight	12	0.196	4	Drill 2 sides @ 90°	Black
66095	POLESRA2B/124IND3BL	Round Straight	12	0.196	4	Drill 3 sides	Black
66096	POLESRA2B/124IND4BL	Round Straight	12	0.196	4	Drill 4 sides	Black
66091	POLESRA2B/124INTTBL	Round Straight	12	0.196	4	Tenon top	Black
68185	POLESRA2C/124INTTBZ	Round Straight	12	0.196	4	Tenon top	Bronze
66158	POLESRA2C/12W125/4INTT/GR	Round Straight	12	0.125	4	Tenon top	Gray
68150	POLESRA2C/124INTTBL	Round Straight	12	0.196	4	Tenon top	Black
68035	POLESRA2C/154INTT/BZ	Round Straight	15	0.196	4	Tenon top	Bronze
66086	POLESRA2B/204IND1BL	Round Straight	20	0.196	4	Drill 1 side	Black
66088	POLESRA2B/204IND2180BL	Round Straight	20	0.196	4	Drill 2 sides @ 180°	Black
66087	POLESRA2B/204IND290BL	Round Straight	20	0.196	4	Drill 2 sides @ 90°	Black
66089	POLESRA2B/204IND3BL	Round Straight	20	0.196	4	Drill 3 sides	Black
66090	POLESRA2B/204IND4BL	Round Straight	20	0.196	4	Drill 4 sides	Black
66085	POLESRA2B/204INTTBL	Round Straight	20	0.196	4	Tenon top	Black
66159	POLESRA2C/20W125/4IND1/GR	Round Straight	20	0.125	4	Drill 1 side	Gray
66022	POLESRA2B/255IND1BL	Round Straight	25	0.196	5	Drill 1 side	Black
66024	POLESRA2B/255IND2180BL	Round Straight	25	0.196	5	Drill 2 sides @ 180°	Black
66023	POLESRA2B/255IND290BL	Round Straight	25	0.196	5	Drill 2 sides @ 90°	Black
66025	POLESRA2B/255IND3BL	Round Straight	25	0.196	5	Drill 3 sides	Black
66026	POLESRA2B/255IND4BL	Round Straight	25	0.196	5	Drill 4 sides	Black
66021	POLESRA2B/255INTTBL	Round Straight	25	0.196	5	Tenon top	Black

Physical Information

Shaft Base Size	(A) Bolt Circle	(B) Base Size	(C) Base Thickness	Bolt Projection	Anchor Bolt Size
4" Round Poles (Gen 2B)	7.5" – 8.5" (191-215 mm)	8" (203 mm)	0.75" (19 mm)	3"	0.625" × 18"
4" Round Poles (Gen 2C)	6.5" – 8.0" (165-203 mm)	7.5" (191 mm)	0.75" (19 mm)	3.75"	0.75" × 17" × 3"
5" Round Poles	8.5" × 12" (215-305 mm)	10.5" (267 mm)	1" (25.4 mm)	4"	M20 × 27.5"



Available Wind Loading

Ordering Abbreviation	NAEDs	80 MPH	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	200 MPH
		EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)
POLESRA2B/124IN*	66091-66096	24.2	19.2	14.8	11.8	10.95	9.06	7.58	6.37	5.38	4.57	3.88	0.65
POLESRA2B/204IN*	66085-66090	8	6	4.5	3.45	3.31	2.71	2.12	1.7	1.2	0.55	–	–
POLESRA2B/255IN*	66021-66026	6.4	5.2	3.8	3	2.3	1.9	1.5	1.2	–	–	–	–

*For any mounting configuration

Ordering Abbreviation	NAEDs	80 MPH	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	200 MPH
		Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)	Weight (lbs)
POLESRA2B/124IN*	66091-66096	726	576	444	354	328.5	271.8	227.4	191.1	161.4	137.1	116.4	19.5
POLESRA2B/204IN*	66085-66090	240	180	135	103.5	99.3	81.3	63.6	51	36	16.5	–	–
POLESRA2B/255IN*	66021-66026	150	100	100	100	100	100	100	100	–	–	–	–

*For any mounting configuration

Ordering Abbreviation	NAEDs	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH
		EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)	EPA (ft²)
POLESRA2C/124INTTBZ	68185	5.6	4.1	3.3	2.5	2.1	1.6	1.3
POLESRA2C/154INTT/BZ	68035	2.3	1.7	1.1	0.5	–	–	–
POLESRA2C/124INTTBL	68150	5.6	4.1	3.3	2.5	2.1	1.6	1.3
POLESRA2C/104INTTBZ	68275	6.9	6.1	4.9	3.8	3.2	2.6	2.4

Pole Loading

Luminaire Model	EPA (ft²)	EPA (m²)	Weight (lbs)	Weight (kg)
Post Top 1A	2.34	0.22	19.8	9.0
Post Top V	0.34	0.03	14.3	6.5
AREAFLD4A 100/190W (pole mount)	0.61	0.06	17.6	8.0
AREAFLD4A 290W (pole mount)	1.53	0.14	20.6	9.3
AREAFLD4A 100/190W (slipfitter mount)	0.7	0.07	17.6	8.0
AREAFLD4A 290W (slipfitter mount)	1.81	0.17	20.6	9.3
AREAFLD5A 80-150W (slipfitter mount)	1.32	0.12	7.9	3.6
AREAFLD5A 300W (slipfitter mount)	2.02	0.19	10.1	4.6
AREAFLD6A 80W (slipfitter mount)	1.6	0.15	15.8	7.2
AREAFLD6A 150W (slipfitter mount)	2.4	0.22	20.7	9.4
AREAFLD6A 300W (slipfitter mount)	3.3	0.31	26	11.8
FLOOD1A 15-35W	0.46	0.04	3.7	1.7
FLOOD1B 60-80W	0.68	0.06	6.3	2.9
FLOOD1C 105-140W	1.23	0.11	16.1	7.3
FLOOD1D 205-255W	1.74	0.16	17.6	8.0
FLOOD1E 290-330W	1.99	0.18	20.5	9.3
FLOODLT2A 30W	0.25	0.02	2.4	1.1
FLOODLT2A 60W	0.35	0.03	2.9	1.3
FLOODLT2A 140W	0.66	0.06	7.1	3.2
FLOODLT2A 300W	1.6	0.15	16.1	7.3
FLOODLT2A 470W	2.69	0.25	25.8	11.7
FLOODLTPS 30W	0.28	0.03	2.7	1.2
FLOODLTPS 60W	0.38	0.04	3.3	1.5
FLOODLTPS 140W	0.73	0.07	8.4	3.8
FLOODLTPS 300W	1.53	0.14	18.5	8.4
FLOODLTPS 470W	2.51	0.23	29.1	13.2



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