Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Aluminum Poles

Contemporary RTP

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FEATURES & SPECIFICATIONS

Pole Shaft

- The post shaft is spun from seamless 6000 series aluminum alloy.
- A post top plate and tenon can be provided for top mount luminaire and/or bracket.
- A removable finial is available for posts receiving drilling patterns for side-mount luminaire arm assemblies.

Structural Base

- The structural base is cast from 356 alloy aluminum and provided with an access door that is 4.25" wide at the top, 9.38" wide at the base, and 8" tall.
- The post shaft is inserted and welded into the structural base casting.
- The completed assembly is heattreated to a T6 temper.

Anchor Bolts

- Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers.
- Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Ground Lug

- Ground lug is standard.

Finishes

- The standard finish for the post assembly and components is polyester powder applied coating.
- Additional finish options available upon request.

Determining The Luminaire/Pole Combination For Your Application:

- Select luminaire from luminaire ordering information
- Select bracket configuration if required
- Determine EPA value from luminaire/bracket EPA chart
- Select pole height
- Select MPH to match wind speed in the application area (See windspeed maps).
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA
- Consult factory for special wind load requirements and banner brackets

ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: 4RPDB B3 S10G 20 S PLP DGP

Pole Series	Mounting Method	Material	Height[2]	Mounting Configuration	Pole Finish	Options
RTPC - Contemporary Aluminum RTP	**B3** - 3" Reduced drilling pattern **B2** - 2" Reduced drilling pattern **T** - Tenon **I** - No Mounting Holes - Use with: BKA-IFM4 - Flush Mount Adapter	**A156** - 0.156" Aluminum **A188** - 0.188" Aluminum	**10** - 10' **12** - 12' **14** - 14' **16** - 16' **18** - 18'	**S** – Single/Parallel **D180** – Double **D90** – Double **DN90** – Double **T90** – Triple **TN120** – Triple **Q90** – Quad **QN90** – Quad **N** – Tenon Mount (Standard tenon size is 2-3/8" O.D.) **N2** - 2-7/8" Tenon Mount **(Blank)** - For use with "I" for open top pole	**BLK** – Black **BRZ** – Bronze **WHT** – White **GPT** – Graphite **GMG** - Gun Metal Gray **MSV** – Metallic Silver **PLP** – Platinum Plus **SVG** – Satin Verde Green	**LAB** – Less Anchor Bolts

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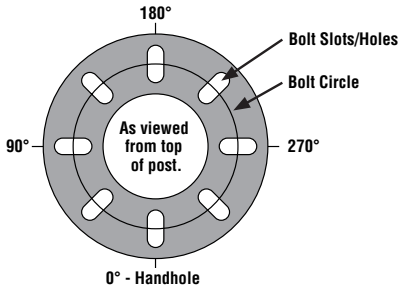
ADDITIONAL INFORMATION

ANCHOR BASE DETAIL



Base Plate and Anchor Data	
Bolt Circle	9"
Anchor Bolt Size	3/4"dia. x 17"L x 3"hook
Anchor Bolt Projection	3.5"
Base Plate Dimensions	16"dia. x .860"thick

*Four anchor bolts required at 90° apart. Base has eight slots for additional orientation.

EPA and Dimensons

Height	EPA w/ 1.3 Gust[1]			Dimensions			Max Weight[2] (LBS)	Structre Weight[3] (LBS)
	80 MPH[2]	90 MPH[2]	100 MPH[2]	Base OD (IN)	Top OD (IN)	Wall Thickness (IN)		
10'	17.2	13.4	10.8	5	4	0.156	120	57
12'	14.3	11	8.8	5	4	0.156	120	62
14	11.5	8.8	6.9	5	4	0.156	120	67
	14.1	10.8	8.6	5	4	0.188	120	73
16	9.3	7	5.5	5	4	0.156	120	72
	11.5	8.7	6.9	5	4	0.188	120	79
18	7.5	5.5	4.2	5	4	0.156	120	77
	9.4	7	5.4	5	4	0.188	120	85

1. EPA values are calculated using fastest mile winds.
2. Maximum EPA (Effective Projected Area) and weight values are based on top mounted luminaires and/or brackets having a centroid 3'-0" above and 3'-0" eccentric to the post top at Nominal Mounting Height. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of posts is dependent upon the post being properly attached to a supporting foundation of adequate design.
3. Structure Weight is a nominal value which includes the post shaft and structural base.

PRODUCT DIMENSIONS

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