

CATALOG #: _____

Type: _____

PROJECT: _____

FEATURES

- One-piece steel construction provides durability and resists corrosion
- An assortment of finishes are available to complement the architectural elements of any outdoor space
- Available in heights up to 50'

SPECIFICATIONS

- SHAFT** – 1-piece assembly conforming to ASTM A595 Grade A or A572 Grade 55 with a constant linear taper of 0.14 in/ft
- POLE TOP** – Pole top plate and tenon provided for top mount luminaire. Removable pole cap provided for poles receiving drilling patterns for side-mount luminaire arm assemblies.
- HANDHOLE** – Reinforced and covered handhole with hardware and grounding provision provided. Poles with a 5.90" base diameter are supplied with a 3" x 5" nominal rectangular handhole. All other pole assemblies are provided with a 4" x 6.5" nominal ovalized handhole.
- BASE COVER** – Two-piece standard full base cover fabricated from ABS plastic. H.E. Williams, Inc. reserves the right to provide an optional two-piece steel full base cover on some applications depending upon the finish requirement and/or pole base diameter.
- FINISH** – Polyester powder coat bonded to pretreated metal, meets AAMA 2604 specifications for outdoor durability.
- HARDWARE** – All structural fasteners are galvanized high-strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel. Anchor bolts conform to ASTM F1554 Grade 55, galvanized a minimum of 12" on the threaded end.
- MOUNTING** – Anchor base (base plate) conforms to ASTM A36.

ORDERING EXAMPLE: RTS - 200 - 0590 - 11 - TM238 - DBR - AB - OPTIONS

ORDERING INFO

SERIES	HEIGHT	SHAFT BASE DIAMETER	WALL THICKNESS	FIXTURE MOUNTING ^[1]
RTS	Additional limitations may apply. Specify according to chart. See page 3 for LOAD AND DIMENSIONAL DATA.			
	200	20'-0" ^[9]	20' POLE	POLE TOP MOUNT TM238 2-3/8" x 4" Round tenon TM278 2-7/8" x 4" Round tenon TM3 3" x 4" Round tenon TC___ Custom Round Tenon ^[2]
	250	25'-0"	0590 5.90"	
	300	30'-0"	0650 6.50"	
	350	35'-0" ^[10]	25' POLE	
	390	39'-0"	0590 5.90"	DRILLED SIDE MOUNT SM/S Single 0° ^[3] SM/D90 Double 90° ^[4] SM/D180 Double 180° ^[5] SM/T90 Triple 90° ^[6] SM/T120 Triple 120° ^[7] SM/Q90 Quad 90° ^[8]
	450	45'-0"	0700 7.00"	
	500	50'-0"	30' POLE	
			0660 6.60"	
			0800 8.00"	
			35' POLE	
			0730 7.30"	
			0850 8.50"	
			0950 9.50"	
			39' POLE	
			0782 7.82"	
			0900 9.00"	
			45' POLE	
			1000 10.00"	
			50' POLE	
			1000 10.00"	

FINISH ^[13]

BLK	Black ^[14]
DBR	Medium bronze
DBZ	Dark bronze
GRAY	Standard gray
GRN	Green ^[15]
SLV	Satin aluminum ^[16]
WHT	White ^[17]
RAL#_____	Specify custom color

ANCHOR BOLTS

AB	Anchor bolts ^[18]
LAB	Less anchor bolts
PAB	Pre-shipped Anchor Bolts ^[19]

OPTIONS

FS	Festoon box only ^[20]
FBCS	Full base cover, steel
NC	Nut covers

NOTES

- Designed for pole top tenon or drilled side mount. See page 2 for MOUNTING DETAILS.
- Must specify tenon diameter and height, consult factory.
- Located at 0°.
- Located at 0° and 90°.
- Located at 0° and 180°.
- Located at 0°, 90°, and 180°.
- Located at 0°, 120°, and 240°.
- Located at 0°, 90°, 180°, and 270°.
- 11 wall thickness only.
- 11 wall thickness only.
- 0.1793".

¹² 0.1196".

¹³ See page 2 for FINISH OPTIONS.

¹⁴ RAL #9004.

¹⁵ RAL #6005.

¹⁶ RAL #9006.

¹⁷ RAL #9003.

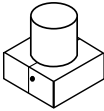
¹⁸ Four L-bolts provided with two hex nuts and two flat washers each, shipped with pole.

¹⁹ Four L-bolts provided with two hex nuts and two flat washers each.

²⁰ Casting only. Outlet, cover and hardware by others.

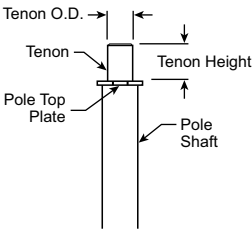
FIXTURE DETAILS

BASE COVER



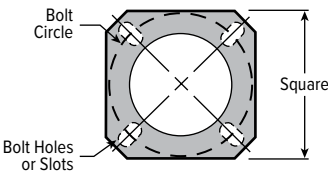
MOUNTING DETAILS

POLE TOP MOUNT TYPICAL TENON



ANCHORAGE DATA

ANCHOR BASE

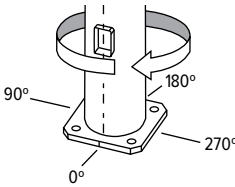
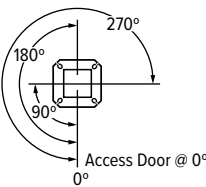


POLE		ANCHOR BASE				ANCHOR BOLTS		
BASE O.D.	WALL THK. (GA)	BOLT CIRCLE		SQ.	THK.	DIA. X LENGTH X HOOK	PROJECTION	±
		DIA.	±					
5-15/16"	11	9"	1/2"	10"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
6-1/2"	11	9-1/2"	1/2"	10-1/2"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
6-5/8"	11	9-1/2"	1/2"	10-1/2"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
7"	11	10"	1/2"	10-7/8"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
7"	7	10"	1/2"	10-7/8"	1"	1" x 36" x 4"	4-1/4"	1/4"
7-5/16"	11	10-1/2"	1/2"	11-1/4"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
7-13/16"	11	11"	1/2"	11-1/2"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
8"	11	11"	1/2"	11-1/2"	7/8"	1" x 36" x 4"	4-1/8"	1/4"
8"	7	11"	1/2"	11-1/2"	1-1/4"	1-1/4" x 42" x 6"	5"	1/4"
8-1/2"	11	11-1/2"	1/2"	12"	1"	1" x 36" x 4"	4-1/4"	1/4"
9"	11	12-1/2"	1/2"	12-3/8"	1"	1" x 36" x 4"	4-1/4"	1/4"
9"	7	12-1/2"	1/2"	12-3/8"	1-1/4"	1-1/4" x 42" x 6"	5"	1/4"
9-1/2"	11	13"	1/2"	13"	1"	1" x 36" x 4"	4-1/4"	1/4"
10"	11	13-1/2"	1/2"	14"	1"	1" x 36" x 4"	4-1/4"	1/4"
10"	7	13-1/2"	1/2"	14"	1-1/4"	1-1/4" x 42" x 6"	5"	1/4"

DRILLED SIDE MOUNT OPTIONS



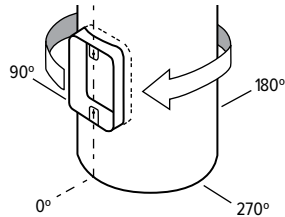
RADIAL INDEX



The Radial Index references how parts are oriented around the shaft. A degree measurement is used from a base point. The standard base point of reference is the access door. Degrees are measured in a clockwise motion as viewed from the top of the shaft.

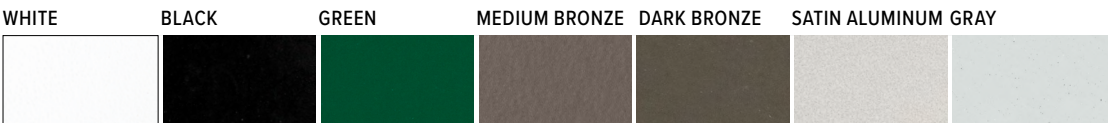
OPTION DETAILS

STEEL FESTOON BOX



NOTE: The festoon box is located above the access door at 0°.

FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

LOAD AND DIMENSIONAL DATA

NOM. MTG. HEIGHT (FT)	CATALOG NUMBER	POLE DIMENSIONS				80 MPH ¹		90 MPH ¹		100 MPH ¹	
		BASE O.D. (IN)	TOP O.D. (IN)	WALL THK. (GA)	STRUC. WT (LBS) ²	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)
20	RTS-200-0590-11 ³	5.9	3.1	11	140	19.3	482	15.1	377	12.2	305
	RTS-200-0650-11	6.5	3.7	11	160	24.2	605	19.3	482	15.6	390
25	RTS-250-0590-11 ³	5.9	2.4	11	155	12.5	312	9.9	247	8.0	200
	RTS-250-0700-11	7.0	3.5	11	200	20.3	507	16.2	405	13.1	327
	RTS-250-0700-7	7.0	3.5	7	280	30.5	760	24.0	625	19.8	495
30	RTS-300-0660-11	6.6	2.4	11	200	11.7	292	9.3	232	7.5	187
	RTS-300-0800-11	8.0	3.8	11	265	18.9	473	14.9	373	12.0	300
	RTS-300-0800-7	8.0	3.8	7	380	33.5	838	27.0	675	22.0	550
	RTS-350-0730-11	7.3	2.4	11	250	11.2	280	8.9	222	7.1	177
35	RTS-350-0850-11	8.5	3.6	11	315	18.9	472	15.1	377	12.2	305
	RTS-350-0950-11	9.5	4.6	11	370	23.2	580	18.2	455	14.5	363
39	RTS-390-0782-11	7.82	2.4	11	285	10.7	267	8.5	212	6.6	165
	RTS-390-0900-11	9.0	3.58	11	355	17.2	430	13.5	338	10.8	270
	RTS-390-0900-7	9.0	3.58	7	515	28.5	715	23.0	575	19.0	475
45	RTS-450-1000-11	10.0	3.7	11	450	17.4	435	13.5	338	10.6	265
	RTS-450-1000-7	10.0	3.7	7	650	28.5	715	23.0	575	19.0	475
50	RTS-500-1000-11	10.0	3.0	11	475	13.2	330	10.6	265	8.3	208
	RTS-500-1000-7	10.0	3.0	7	680	20.5	512	16.5	412	13.6	340

¹ Maximum weight and Effective Projected Area (EPA) values are based on a 1.3 Wind Gust Factor for top mounted luminaires or arm assemblies having a centroid 2'-6" above the nominal mounting height. Variations from sizes above are available upon inquiry. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design. See page 4 for WIND MAP.

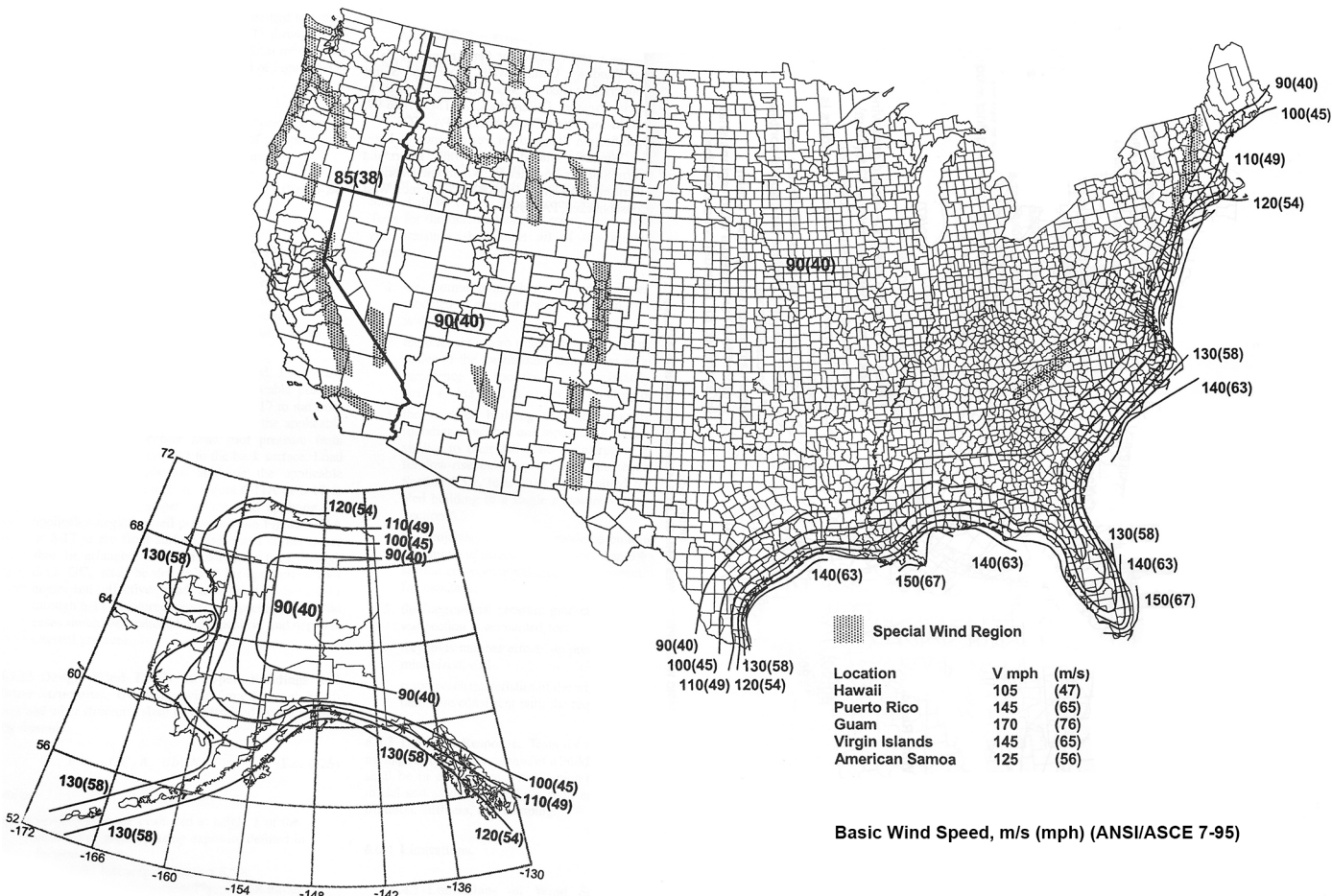
² Structure weight is a nominal value which includes the pole shaft and base plate only.

³ 3" x 5" nominal handhole - all others 4" x 6.5" nominal.

- Pole installations in various parts of the country perform satisfactorily; however, in select locations destructive vibration can occur. H.E. Williams, Inc. is not responsible for vibration induced fatigue damage.
- H.E. Williams, Inc. warrants this product to be free from defects in materials and workmanship. Any defective part returned within one year from the date of delivery of the goods will be repaired or replaced without charge, F.O.B. factory.
- This warranty specifically excludes fatigue or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with movement of air currents around the product.

- The above warranties are given in lieu of all other warranties express or implied, including without limitation, the warranty of merchantability and the warranty of suitability for a particular purpose. It is expressly stated that H.E. Williams, Inc. assumes no liability for consequential or liquidated damages arising out of a breach of the sale, including any warranties arising therefrom, and buyer's remedy shall be limited to repair or replacement of defective parts as described above.
- Any action for the breach under a sale including any warranties arising therefrom must be commenced within one year after the cause of action accrues.

WIND MAP



The Effective Projected Area (EPA) standards shown in the Load and Dimensional Data Tables on the specification sheets are designed to withstand dead loads and theoretical dynamic loads developed by variable wind speeds, as charted, with an appropriate wind gust factor under the following conditions:

- Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.

- Linear Interpolation between wind contours is permitted.
- Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
- Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
- This map is intended as a general guide. Check you local area for unique wind conditions.

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