

SOLID STATE AREA LIGHTING BEVERLY LANTERN - PLED

PROJECT NAME:

SHANTOK VILLAGE
1758 MONTVILLE, CT
LBEV - PLED

FIXTURE TYPE:

FEATURES

Luminaire

Durable corrosion resistant cast aluminum construction Top and Fitter. Traditional styling of the Housing features decorative accents and Flutes with open Struts.

PLED™ Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments and meet an IP66 rating.

LED Emitters

High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED Driver

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field installation.)

True Amber LED's

TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

Finish

Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



LBEV

(Shown with LBEV-UA Fitter and Ornamental Finial)

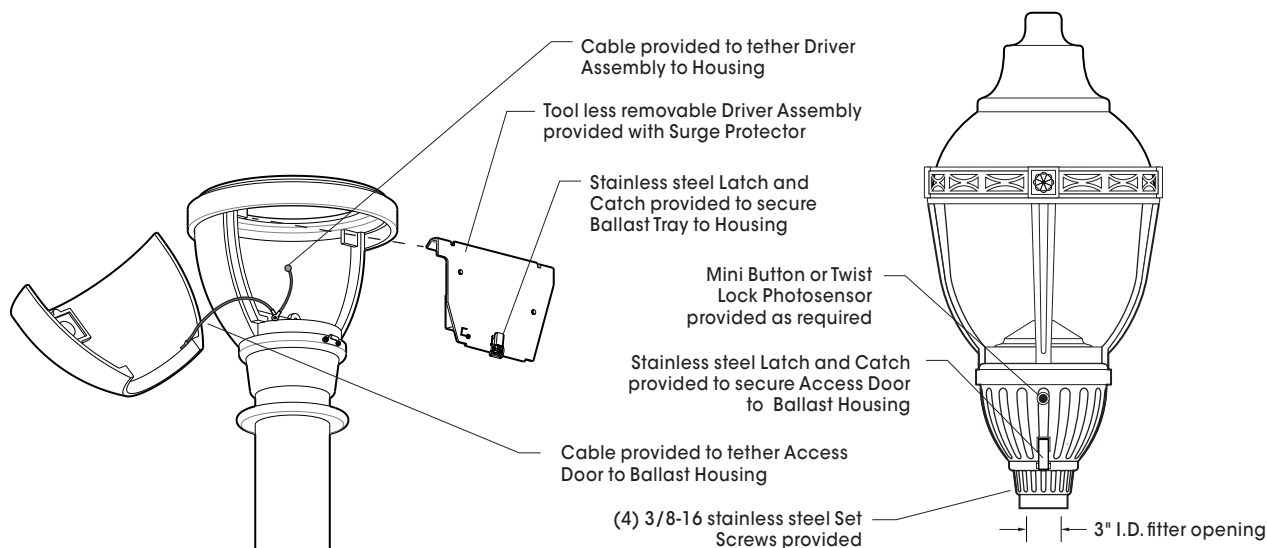
Patent pending



LBEV SERIES - PLED

SPECIFICATIONS

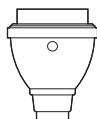
Utility Fitter Removable Door



Optional Fitters



LBEV-UA*
(standard)



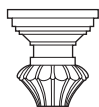
LBEV-UB*



LBEV-YD*



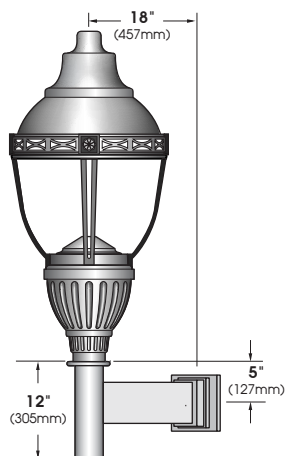
LBEV-YE*



LBEV-YG

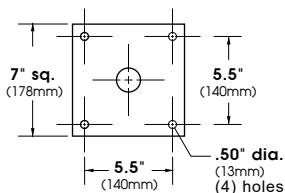
* Available with mini button photocells
See Options

Wall Mount

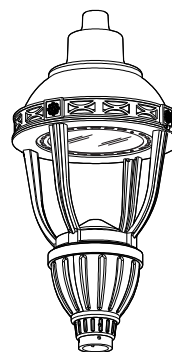


Extruded aluminum arm and cast aluminum wall bracket assembly provided with built in gasketed wire access for fixture/supply wire connection.

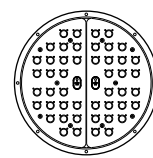
Wall Plate



PLED™ Module



LBEV E.P.A. = 1.70
Available in:
48 LED Module Max



48 LED Module

LBEV SERIES - PLED

ORDERING INFORMATION

Spec/Order Example: LBEV/PLED-II-FR/36LED-875mA/WW/FM/RAL-7004-T

Luminaire LBEV-YD	Optics PLED-II	LED Mode 20LED - 350MA - WW	Voltage VOLT	Mounting PT	Finish FINISH	Options HS-PLED/20
Luminaire	Optics	LED	Voltage	Mounting	Finish	Options
	PLED™ Distribution Type	# of LEDs Drive Current Color Temp - CCT		Post Top	Standard Textured Finish	
☐ LBEV-UA-PLED*	☐ Type II PLED-II 	☐ 48LED ¹ ☐ 1050mA ² ☐ NW (4000K)* *Standard	☐ 120	☐ PT  Pole Tenon	☐ Black RAL-9005-T	☐ Brass Finial BF
☐ LBEV-UB-PLED*		☐ 36LED ☐ 875mA ² ☐ CW (5000K)	☐ 208		☐ White RAL-9003-T	☐ Ornamental Finial OF
☐ LBEV-YD-PLED*	☐ Type II Front Row PLED-II-FR 	☐ 20LED ☐ 700mA ² ☐ WW (3000K)	☐ 240	Arm Mount	☐ Grey RAL-7004-T	☐ Internal House Side Shield inc. LED Count (Example: HS-PLED/48) HS-PLED
☐ LBEV-YE-PLED*	☐ Type III Med. PLED-III-M 	☐ 525mA ☐ 350mA ⁴	☐ 277	☐ 1 	☐ Dark Bronze RAL-8019-T	☐ Twist Lock Receptable Only TPR
☐ LBEV-YG-PLED	☐ Type III Wide PLED-III-W 	Other LED Colors Available Consult Factory	☐ 347	☐ 2-180 	☐ Green RAL-6005-T	☐ 7-Pin Twist Lock Receptable Only TPR7
	☐ Type IV PLED-IV 	Amber ³	☐ 480	☐ 3-90 		☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HSW/25) HLSW
	☐ Type IV PLED-IV-FT 	True Amber ⁴ TRA		☐ 3-120 		☐ Photo Cell + Voltage (Example: PC120V) PC+V
	☐ Type V Narrow PLED-VSQ-N 			☐ 4-90 	For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)	☐ Single Fuse (120V, 277V) SF
	☐ Type V Med. PLED-V-SQ-M 			Wallmount	Consult factor for custom colors	☐ Double Fuse (208V, 240V) DF
	☐ Type V Wide PLED-V-SQ-W 			☐ WM 		☐ Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
*Available with Mini Button PhotoCells See Options NOTES: 1 - 875mA maximum 2 - 700mA, 875mA and 1050mA not for use with TRA LED's 3 - Narrow band Ambers have no Definable CCT equivalent 4 - Available in 350mA & 525mA drive currents only See USALTG.COM for additional arm styles						

LBEV SERIES - PLED

LED/ Electrical Guide (pg. 1)

LED/ELECTRICAL GUIDE

LED Count	Applied B-U-G Rating	Source	Initial Lumens - 4000K CCT	Initial Lumens - 3000K CCT	Initial Lumens - 5000K CCT	L70 greater than (HR)	Starting Temp.	System Watts	Volts	Max Input Amps
20	III B1-U0-G1 VSQ B2-U0-G1	20 PLED® Optical Module - 350mA	2256 - 2636	2143 - 2505	2368 - 2768	90,000+	-40°C	22	120 277 347	.18 .08 .06
20	III B1-U0-G1 VSQ B2-U0-G1	20 PLED® Optical Module - 525mA	3742 - 3204	3044 - 3556	3364 - 3929	90,000+	-40°C	33	120 277 347	.28 .12 .10
20	III B1-U0-G1 VSQ B3-U0-G1	20 PLED® Optical Module - 700mA	4015 - 4692	3815 - 4458	4215 - 4926	90,000+	-40°C	44	120 277 347	.37 .16 .13
20	III B1-U0-G1 VSQ B3-U0-G1	20 PLED® Optical Module - 875mA	4840 - 5657	4599 - 5374	5082 - 5939	90,000+	-40°C	55	120 277 347	.46 .20 .16
20	III B2-U0-G2 VSQ B3-U0-G1	20 PLED® Optical Module - 1050mA	5618 - 6563	5338 - 6325	5898 - 6891	90,000+	-40°C	66	120 277 347	.55 .24 .19
36	III B1-U0-G1 VSQ B3-U0-G1	36 PLED® Optical Module - 350mA	4061 - 4744	3858 - 4508	4263 - 4981	90,000+	-40°C	39.6	120 277 347	.33 .14 .11
36	III B2-U0-G2 VSQ B3-U0-G2	36 PLED® Optical Module - 525mA	5766 - 6736	5478 - 6400	6053 - 7072	90,000+	-40°C	59.4	120 277 347	.50 .21 .17
36	III B2-U0-G2 VSQ B3-U0-G2	36 PLED® Optical Module - 700mA	7228 - 8444	6867 - 8022	7588 - 8865	90,000+	-40°C	79.2	120 277 347	.66 .29 .23
36	III B2-U0-G2 VSQ B3-U0-G2	36 PLED® Optical Module - 875mA	8713 - 10181	9672 - 8278	9147 - 10689	90,000+	-40°C	99	120 277 347	.83 .36 .29
36	III B2-U0-G2 VSQ B4-U0-G2	36 PLED® Optical Module - 1050mA	10111 - 11813	9606 - 11223	10615 - 12402	90,000+	-40°C	118.8	120 277 347	.99 .43 .34
48	III B2-U0-G2 VSQ B3-U0-G1	48 PLED® Optical Module - 350mA	5414 - 6325	5144 - 6009	5685 - 6642	90,000+	-40°C	52.8	120 277 347	.44 .19 .15
48	III B2-U0-G2 VSQ B3-U0-G2	48 PLED® Optical Module - 525mA	7688 - 8981	7304 - 8533	8071 - 9430	90,000+	-40°C	79.2	120 277 347	.66 .29 .23
48	III B2-U0-G2 VSQ B4-U0-G2	48 PLED® Optical Module - 700mA	9637 - 11259	9156 - 10697	10117 - 11821	90,000+	-40°C	105.6	120 277 347	.88 .38 .30
48	III B2-U0-G2 VSQ B4-U0-G2	48 PLED® Optical Module - 875mA	11619 - 13575	11039 - 12897	12198 - 14252	90,000+	-40°C	132	120 277 347	1.10 .48 .38
True Amber LED - 590nm										
20	III B0-U0-G0 VSQ B1-U0-G0	20 PLED® Optical Module - 350mA	676 - 790			90,000+	-40°C	17	120 277 347	.14 .06 .05
20	III B0-U0-G0 VSQ B1-U0-G0	20 PLED® Optical Module - 525mA	898 - 1048			90,000+	-40°C	25.4	120 277 347	.21 .09 .07
36	III B1-U0-G0 VSQ B1-U0-G0	36 PLED® Optical Module - 350mA	1220 - 1424			90,000+	-40°C	30.5	120 277 347	.25 .11 .09
36	III B1-U0-G1 VSQ B1-U0-G0	36 PLED® Optical Module - 525mA	1887 - 1615			90,000+	-40°C	45.7	120 277 347	.38 .16 .13
48	III B1-U0-G1 VSQ B1-U0-G0	48 PLED® Optical Module - 350mA	1625 - 1898			90,000+	-40°C	40.7	120 277 347	.34 .15 .12
48	III B1-U0-G1 VSQ B2-U0-G1	48 PLED® Optical Module - 525mA	2152 - 2515			90,000+	-40°C	61	120 277 347	.51 .22 .18

- 1) Max Input Amps is the highest of starting, operating, or open circuit currents
- 2) System Watts includes the source watts and all driver components.
- 3) Lumen values for LED Modules vary according to the distribution type
- 4) Fuse value should be sufficient to protect all wiring components. For electronic driver and LED component protection, use 20KV surge suppressors.
- 5) L70(10K) – TM-21 6x rule applied

WARNING: All fixtures must be installed in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

○ ROUND NON-TAPERED STEEL POLE

RNTS

Shaft

Round, fabricated from high grade structural steel tube. Shaft conforms to ASTM-A-501-68 specifications. Meets or exceeds minimum yield strength of 46,000 P.S.I. Wall thickness 11 GA. (.120 wall) or 7 GA. (.180 wall) as specified. Shaft is furnished with ground lug located inside pole on wall opposite hand hole.

Drilling Side Mount

A removable pole cap is included. Pole will be drilled to match U.S. Architectural fixtures. For other Drilling required, please specify DP after specified drill pattern. (example: 2-180DP)

Pole Top Mount

Standard pole top mount - PT27, fabricated from 2.5" (2.875" O.D.) steel pipe - tenon options available for pole tops please see Mounting column. For other pole top configurations please consult factory.

Hand Hole Cover

Steel Poles 15 feet and above - Supplied with reinforced steel 2 5/8" x 4 5/8" access opening. Hand Hole provided with rectangular 3"x5" stamped heavy gauge aluminum material. Sealed door is secured by a formed aluminum bar and a stainless steel, tamper proof screw.

Poles under 15 feet - Rectangular 3"x5" stamped heavy gauge aluminum material, 2 1/4" x 4 1/4" access opening. Sealed door is secured by a formed aluminum bar and a stainless steel, tamper proof screw.

Base Plate

Fabricated from structural quality hot rolled steel. Meets or exceeds minimum yield strength of 36,000 P.S.I. Base telescopes and is circumferentially welded to pole shaft. Slotted bolt holes provide 1" flexibility on either side of bolt circle centerline.

Anchorage

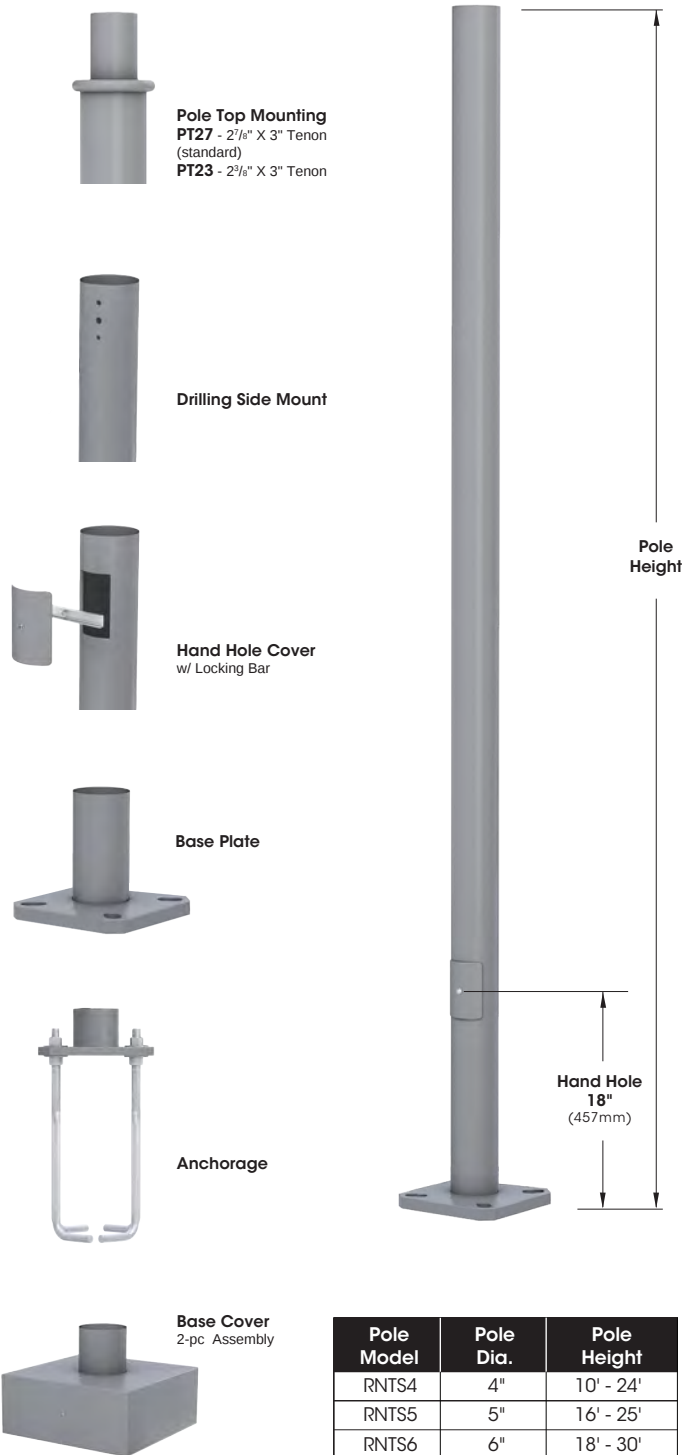
(4) anchor bolts fabricated from hot rolled steel bar. Minimum yield strength of 50,000 P.S.I. Bolts have "L" bend on one end and are threaded on the other. Bolts are fully galvanized and are furnished with two nuts and two washers.

Base Cover

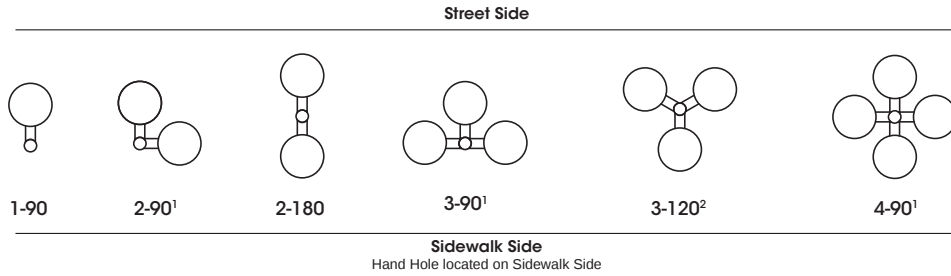
Fabricated from heavy gauge quality carbon steel. Two-piece cover conceals base.

Finish

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.



DRILLING SIDE MOUNT



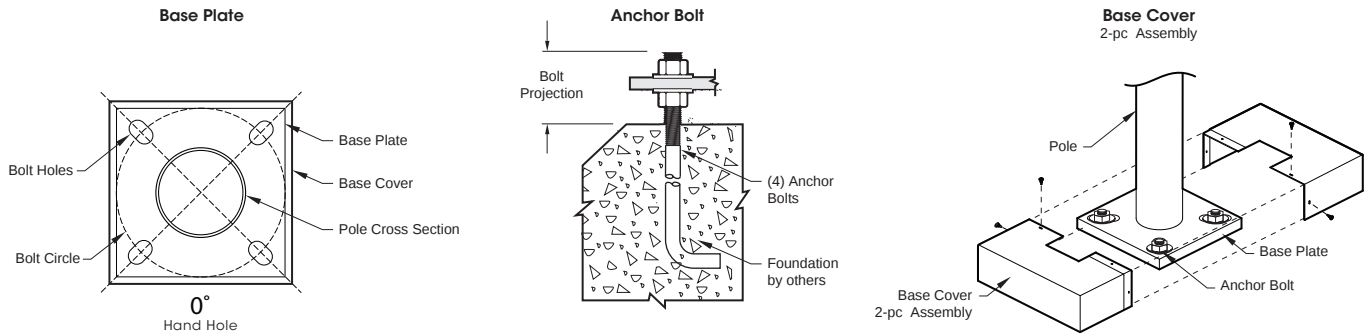
Notes

- 1- Poles smaller than 5" Dia. at top, or Non Linear Drilling requires PT27 and T490 Adapter. (Adaptor is rotatable)
- 2- Poles smaller than 5" Dia. at top, or Non Linear Drilling requires PT27 and T3120 Adapter. (Adaptor is rotatable)

When drilling pattern from other manufacturer's fixture is required, add "DP" to drill specifications. (Example: 2-180DP) **Drilling template must be provided.**

In the case of other manufacturer's drilling pattern, customer must provide drilling pattern.

BOLT CIRCLE



	POLE								ANCHOR BOLTS				ANCHOR PLATE		
Catalog Number	Height		Bottom - Top				Wall Thickness (In/Ga)	Weight (Lbs)	Bolt Size	Bolt Projection above grade ^{2,3}	Bolt Circle Dia Range ¹	Bolt Circle Dia (In) (Rec.) ¹	Template	Base Plate	Cover
	Ft	M	In	Cm											
RNTS 104-11	10	3.05	4.00	4.00	10.16	10.16	11	66	¾" x 18" x 3"	3¼" - 3¾"	8" - 11"	9"	US9	¾" x 10" x 10"	5" x 12" x 12"
RNTS 124-11	12	3.66	4.00	4.00	10.16	10.16	11	76	¾" x 18" x 3"	3¼" - 3¾"	8" - 11"	9"	US9	¾" x 10" x 10"	5" x 12" x 12"
RNTS 144-11	14	4.27	4.00	4.00	10.16	10.16	11	86	¾" x 18" x 3"	3¼" - 3¾"	8" - 11"	9"	US9	¾" x 10" x 10"	5" x 12" x 12"
RNTS 164-11	16	4.88	4.00	4.00	10.16	10.16	11	96	¾" x 18" x 3"	3¼" - 3¾"	8" - 11"	9"	US9	¾" x 10" x 10"	5" x 12" x 12"
RNTS 184-11	18	5.49	4.00	4.00	10.16	10.16	11	106	¾" x 18" x 3"	3¼" - 3¾"	8" - 11"	9"	US9	¾" x 10" x 10"	5" x 12" x 12"
RNTS 204-11	20	6.10	4.00	4.00	10.16	10.16	11	116	¾" x 24" x 3"	3¼" - 3¾"	8" - 11"	10"	US10	¾" x 10" x 10"	5" x 12" x 12"
RNTS 204-7	20	6.10	4.00	4.00	10.16	10.16	7	163	¾" x 30" x 3"	3¼" - 3¾"	8" - 11"	11"	US11	¾" x 10" x 10"	5" x 12" x 12"
RNTS 244-7	24	7.32	4.00	4.00	10.16	10.16	7	192	¾" x 30" x 3"	3¼" - 3¾"	8" - 11"	11"	US11	¾" x 10" x 10"	5" x 12" x 12"
RNTS 165-11	16	4.88	5.00	5.00	12.70	12.70	11	129	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 185-11	18	5.49	5.00	5.00	12.70	12.70	11	142	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 185-7	18	5.49	5.00	5.00	12.70	12.70	7	196	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 205-11	20	6.10	5.00	5.00	12.70	12.70	11	154	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 205-7	20	6.10	5.00	5.00	12.70	12.70	7	215	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 255-11	25	7.62	5.00	5.00	12.70	12.70	11	186	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 255-7	25	7.62	5.00	5.00	12.70	12.70	7	261	1" x 36" x 4"	4" - 4½"	10½" - 12½"	12"	US12	1" x 11½" x 11½"	5" x 12" x 12"
RNTS 186-7	18	5.49	6.00	6.00	15.24	15.24	7	241	1" x 36" x 4"	4" - 4½"	11½" - 14½"	12"	US13	1" x 13½" x 13½"	5" x 14" x 14"
RNTS 206-7	20	6.10	6.00	6.00	15.24	15.24	7	263	1" x 36" x 4"	4" - 4½"	11½" - 14½"	12"	US13	1" x 13½" x 13½"	5" x 14" x 14"
RNTS 256-7	25	7.62	6.00	6.00	15.24	15.24	7	319	1" x 36" x 4"	4" - 4½"	11½" - 14½"	12"	US13	1" x 13½" x 13½"	5" x 14" x 14"
RNTS 286-7	28	8.54	6.00	6.00	15.24	15.24	7	353	1¼" x 42" x 6"	4¼" - 4¾"	11½" - 14½"	13"	US13	1" x 13½" x 13½"	5" x 14" x 14"
RNTS 306-7	30	9.15	6.00	6.00	15.24	15.24	7	375	1¼" x 42" x 6"	4¼" - 4¾"	11½" - 14½"	14"	US14	1" x 13½" x 13½"	5" x 14" x 14"

1 - Not using correct bolt size or "(REC.) Recommended" Bolt Circle could result in Pole's failure.

2 - Bolt Projection is calculated for slopes with 3 degrees or less.

3 - For slopes greater than 3 degrees, please add Bolt Length Projection as necessary.

ORDERING INFORMATION

Spec/Order Example: RNTS205-7/1-90/RAL-6005-T

Pole Model Number	Mounting	Finish	Options
RNTS 104 - 11	PT27	FINISH	FRBC
Pole Model Number	Mounting	Finish	Options
4" Pole Dia. ☐ RNTS 104 - 11 10' 11 ☐ RNTS 124 - 11 12' 11 ☐ RNTS 144 - 11 14' 11 ☐ RNTS 164 - 11 16' 11 ☐ RNTS 184 - 11 18' 11 ☐ RNTS 204 - 11 20' 11 ☐ RNTS 204 - 7 20' 7 ☐ RNTS 244 - 7 24' 7	Tenon Mount ☐ 2 7/8" X 3" Tenon PT27 (Standard) ☐ 2 3/8" X 3" Tenon PT23 ☐ 2 7/8" X 6" Tenon PT276 ☐ Other Tenon Mt _____	Standard Smooth Finish ☐ Black RAL-9005-S ☐ White RAL-9003-S ☐ Grey RAL-7004-S ☐ Dark Bronze RAL-8019-S ☐ Green RAL-6005-S	☐ Vibration Dampener 2nd Mode Field Install VBDS-M2 Receptacle ☐ G.F.I. Receptacle w/ Cover GFI ☐ G.F.I. Receptacle w/ In-Use Cover GFI-IU [Specify GFI location: Height and Direction] See Location Diagram below ☐ 3 Way Adapter T3120 ☐ 4 Way Adapter T490
5" Pole Dia. ☐ RNTS 165 - 11 16' 11 ☐ RNTS 185 - 11 18' 11 ☐ RNTS 185 - 7 18' 7 ☐ RNTS 205 - 11 20' 11 ☐ RNTS 205 - 7 20' 7 ☐ RNTS 255 - 11 25' 11 ☐ RNTS 255 - 7 25' 7	Drill Mount ☐ 1-90 ☐ 2-180 ☐ 2-90 ☐ 3-90 ☐ 4-90 ☐ 3-120	Premium Finishes ☐ Rust ☐ Patina Copper PC ☐ Custom Specify RAL# _____ ☐ Galvanized GLV	Coupling ☐ 1/2" Coupling CPLN12 ☐ 3/4" Coupling CPLN34 ☐ 1 1/4" Coupling CPLN114 ☐ 1 1/2" Coupling CPLN112 ☐ 2" Coupling CPLN2 [Specify Coupling location: Height and Direction] See Location Diagram below
6" Pole Dia. ☐ RNTS 186 - 7 18' 7 ☐ RNTS 206 - 7 20' 7 ☐ RNTS 256 - 7 25' 7 ☐ RNTS 286 - 7 28' 7 ☐ RNTS 306 - 7 30' 7	3-120 requires PT27 and T3120 Adapter 2-90, 3-90, 4-90 requires PT27 and T490 Adapter When Drilling Pattern from other manufacturer is required, add "DP" to drill specifications (Example: 2-180DP) Drilling template must be provided.	For Textured Finish replace suffix "S" with suffix "T" Example: RAL-9005-T See USALTG.COM for additional colors	Nipple ☐ 1/2" Nipple NPLE12 ☐ 3/4" Nipple NPLE34 ☐ 1 1/4" Nipple NPLE114 ☐ 1 1/2" Nipple NPLE112 ☐ 2" Nipple NPLE2 [Specify Coupling location: Height and Direction] See Location Diagram below

Other heights available
Please consult factory

Refer to the Accessories Section for other options

OPTIONS



GFI
Duplex GFI
w/ Cover



GFI-IU
Duplex GFI
w/ In-Use Cover



T3120
3 Way Adapter



T490
4 Way Adapter



FRBC
Flat Round Base Cover



RBC
Round Base Cover

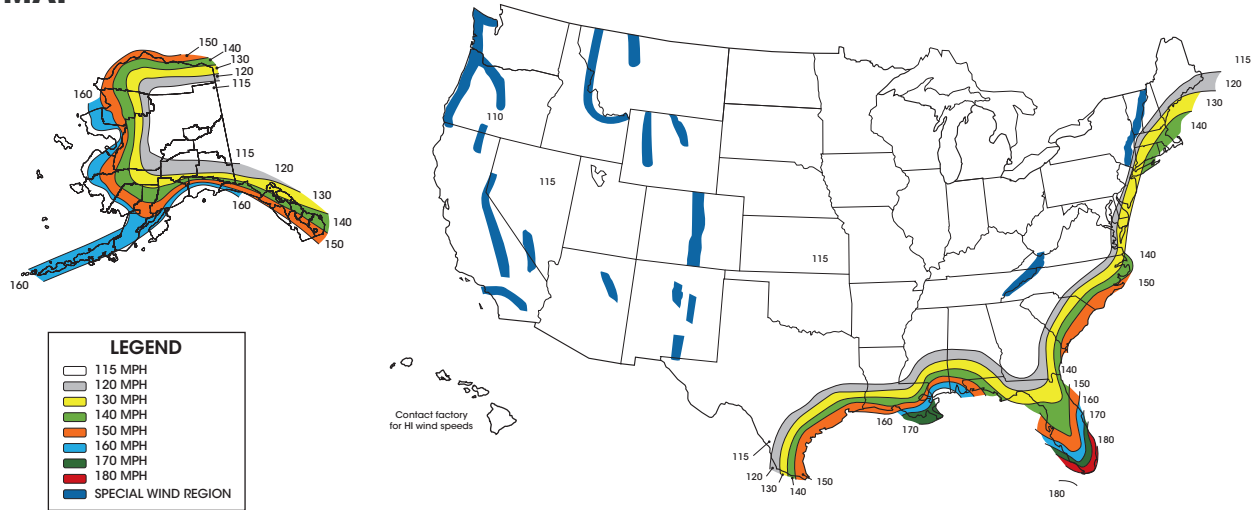


CPLN
1/2", 3/4", 1 1/4", 1 1/2",
or 2" Coupling



NPLE
1/2", 3/4", 1 1/4", 1 1/2",
or 2" Nipple

WIND MAP



EPA INFORMATION (ft²) (per AASHTO LRFDLTS-1 revised 2022)

Cat. No.	Weight Capacity Maximum (Lbs.)	100 MPH	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
RNTS 104-11	300 - 252*	15.0	15.0	15.0	15.0	14.4	12.4	10.6	9.0	8.2	7.2
RNTS 124-11	300 - 182*	15.0	15.0	15.0	13.6	11.2	9.6	7.8	6.8	6.2	5.2
RNTS 144-11	300 - 143.5*	15.0	13.5	12.1	10.9	9.1	7.5	6.3	5.1	4.7	4.1
RNTS 164-11	300 - 87.5*	13.1	10.3	9.1	8.1	6.7	5.1	4.1	3.5	3.3	2.5
RNTS 184-11	300 - 66.5*	10.9	8.3	7.3	6.7	4.9	3.7	2.9	2.7	2.3	1.9
RNTS 204-11	300 - 60*	9.0	7.0	5.8	5.0	3.6	2.6	1.8	1.4	1.3	1.2
RNTS 204-7	300 - 105*	15.0	14.0	12.1	9.4	7.8	6.4	4.8	4.2	3.6	3.0
RNTS 244-7	300 - 60*	10.2	8.0	6.3	5.0	3.9	3.0	2.2	1.8	1.5	0.9
RNTS 165-11	300 - 262.5*	15.0	15.0	15.0	15.0	15.0	15.0	13.3	10.7	9.1	7.5
RNTS 185-11	300 - 182*	15.0	15.0	15.0	15.0	15.0	12.8	10.0	8.0	6.6	5.2
RNTS 185-7	300 - 217*	15.0	15.0	15.0	15.0	15.0	14.6	12.2	9.6	8.0	6.2
RNTS 205-11	300 - 129.5*	15.0	12.5	10.9	9.1	7.8	6.6	5.5	4.8	4.3	3.7
RNTS 205-7	300 - 154*	15.0	15.0	15.0	15.0	14.8	12.0	9.2	7.2	5.8	4.4
RNTS 255-11	300 - 60*	9.4	6.8	5.4	5.0	4.0	3.2	2.6	1.8	1.8	1.4
RNTS 255-7	300 - 126*	15.0	12.6	10.8	9.6	8.2	6.8	5.8	4.6	4.2	3.6
RNTS 186-7	300	15.0	15.0	15.0	15.0	15.0	15.0	15.0	13.5	12.1	10.5
RNTS 206-7	300	15.0	15.0	15.0	15.0	15.0	15.0	13.6	11.8	10.4	9.2
RNTS 256-7	300	15.0	15.0	15.0	15.0	15.0	15.0	14.2	12.0	10.2	8.8
RNTS 286-7	300 - 189*	15.0	15.0	15.0	13.8	11.4	9.6	8.4	7.2	6.2	5.4
RNTS 306-7	300 - 161*	15.0	15.0	13.2	12.0	9.8	8.2	7.2	5.8	5.0	4.6

EPA INFORMATION (ft²) (per 2020 FL Building Code)

Cat. No.	Weight Capacity Maximum (Lbs.)	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
RNTS 104-11	300 - 154*	8.6	7.8	7.1	6.5	5.5	5.0	4.4
RNTS 124-11	224 - 112*	6.4	5.8	5.3	4.8	4.2	3.8	3.2
RNTS 144-11	179 - 87.5*	5.1	4.7	4.2	3.9	3.1	2.9	2.5
RNTS 164-11	115.5 - 60*	3.3	3.0	2.8	2.5	2.1	2.0	1.5
RNTS 184-11	84 - 60*	2.4	2.1	2.0	1.8	1.7	1.4	1.2
RNTS 204-11	168 - 60*	4.8	3.4	2.5	1.7	1.3	1.2	1.1
RNTS 204-7	300 - 101.5*	8.9	7.4	6.1	4.6	4.0	3.4	2.9
RNTS 244-7	168 - 60*	4.8	3.7	2.9	2.1	1.7	1.4	0.9
RNTS 165-11	300 - 161*	10.8	9.8	9.0	8.1	6.5	5.6	4.6
RNTS 185-11	283.5 - 112*	8.1	7.4	6.7	6.1	4.9	4.0	3.2
RNTS 185-7	300 - 133*	9.9	9.0	8.2	7.5	5.9	4.9	3.8
RNTS 205-11	300 - 122.5*	8.6	7.4	6.3	5.2	4.6	4.1	3.5
RNTS 205-7	262.5 - 94.5*	7.5	6.8	6.2	5.6	4.4	3.5	2.7
RNTS 255-11	73.5 - 60*	2.1	1.9	1.8	1.6	1.4	1.1	0.9
RNTS 255-7	164.5 - 77*	4.7	4.3	3.9	3.5	3.0	2.6	2.2
RNTS 186-7	300 - 224*	12.2	11.1	10.1	9.2	8.3	7.4	6.4
RNTS 206-7	300 - 196*	11.1	10.1	9.2	8.3	7.2	6.4	5.6
RNTS 256-7	238 - 112*	6.8	6.2	5.7	5.1	4.3	3.7	3.2
RNTS 286-7	238 - 115.5*	6.8	6.2	5.7	5.1	4.4	3.8	3.3
RNTS 306-7	206.5 - 98*	5.9	5.3	4.8	4.4	3.5	3.1	2.8

* Please use the following to obtain the proper weight capacity: The maximum fixture weight equals 60 lbs. or the product of 35 lbs. x the EPA value, whichever is greater, not to exceed 300 lbs. Example, EPA = 2.2 , weight = 35 lbs. x 2.2 EPA = 77 lbs.

Notes

- Specifier is responsible for correct pole selection. For proper pole choice, the specifier must consider the total EPA of fixtures, banners, arms, and any other accessories attached to pole assembly.
- U.S. Architectural discourages the attachment of unauthorized accessories; any such attachments will void the manufacturer's warranty.
- ALL EPAs are calculated for ground installations. For installations on bridges, buildings or other structures, the specifier must contact the factory or consult with a structural Engineer
- Unpredictable aerodynamic forces such as wind-induced vibrations are not included in wind velocity ratings or EPA ratings.
- Wind gust factors are considered in developing all EPA chart data.

To mitigate 2nd Mode (Aeolian) Vibration please read the following Recommendations:

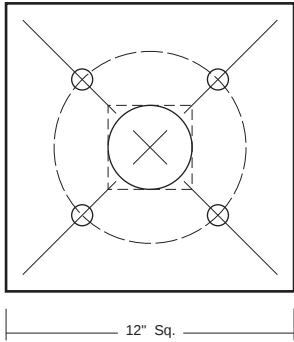
- We do not recommend the installation of poles without a fixture; such installation have been known to fail due to high pole vibrations. Replace with note 1 above
- Pole installations with a combined (fixtures, banners, flags, etc.) of less than 0.75 ft² EPA and 25 feet or taller will be provided with a vibration dampener.

ANCHOR BOLT TEMPLATES

For printable versions of Templates: click on the Template's name, otherwise go to <https://usaltg.com/downloads/templates.html>.

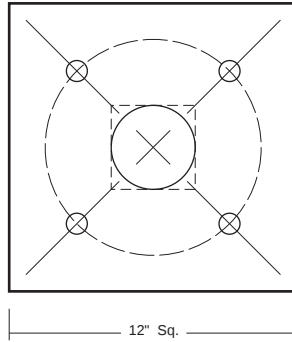
US8

8" Bolt Circle



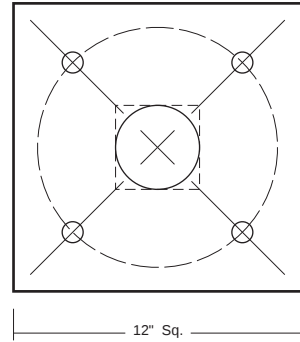
US9

9" Bolt Circle



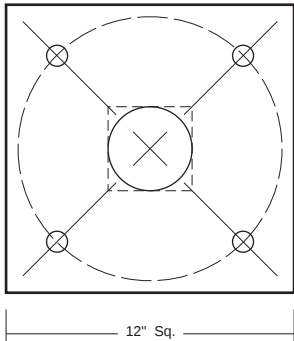
US10

10" Bolt Circle



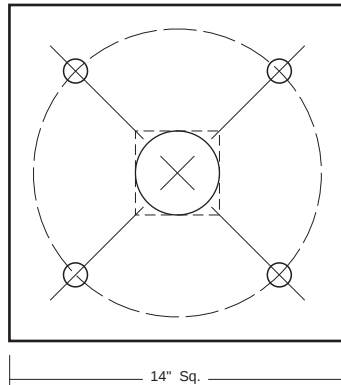
US11

11" Bolt Circle



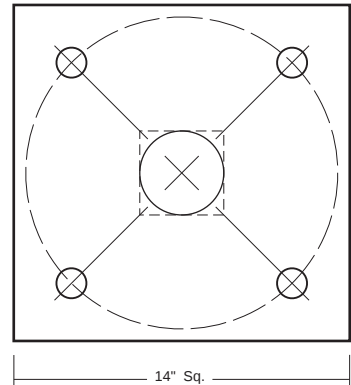
US12

12" Bolt Circle



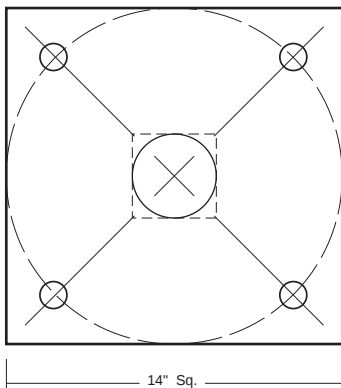
US13

13" Bolt Circle



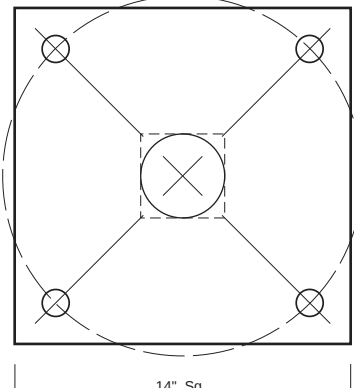
US14

14" Bolt Circle



US15

15" Bolt Circle



US16

16" Bolt Circle

