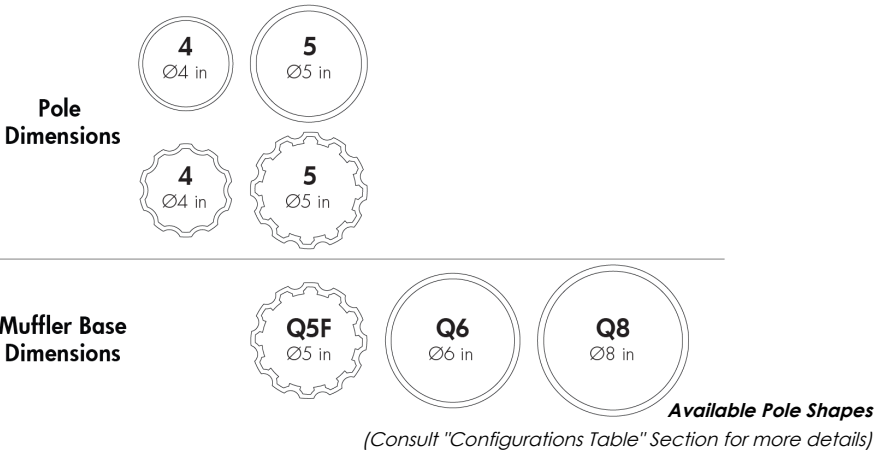


Project Name

Qty

Type

Catalog / Part Number



Base cover options



Description

Lumenpulse Muffer Poles are available in steel or aluminum of various diameters and profiles to suit your outdoor design. Our Muffer Poles are suitable for use with our accessories, such as Banner Arms and Basket Holders. Lumenpulse Muffer Poles have a molded base plate and are available in multiple finishes.

Features

Pole Dimensions	4-5: 4 in and 5 in Straight or Fluted Pole
Muffler Base Dimension	5 in Fluted Muffer Base, 6 in and 8 5/8 in Straight Muffer Base
Height	Up to 30 ft, to specify height in 1 ft increments (consult configurations table for maximum height informations)
Option	DRG: Ground Fault Duplex Receptacle DRG IU: Ground Fault Duplex Receptacle (While in Use) TP: Tamper-Proof Screws CRC: Corrosion-Resistant Coating for Hostile Environments GALV: Galvanized Steel PLTU: Universal Yoke Drilling Pattern PG: Pressure Gland Drilling Pattern VD: Vibration Dampener

Warranty	5-year limited warranty
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Physical

Material	Aluminum, Steel
Access Door Dimensions	4 1/8 in x 9 1/4 in for 6 in muffler base, 4 1/4 in x 10 1/8 in for 8 in muffler base
Wall Thickness	1/8 in, 3/16 in, 1/4 in, 5/16 in
Anchor Bolt Material	Carbon steel partially galvanized
Hardware Material	Stainless steel

Lumencycle™ Program



Certifications



Surface Finish	Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-years Florida exposure). A corrosion resistant finish (CRC) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).
Pole Top Options	2 3/8 in, 3 in and 4 in O.D. Tenon Adapter, Flat Cap, Drilling Pattern for Decorative Arms and Pole Top Accessories, MC1 Arm Style Tenon Adaptor Simple and Double Drilling Pattern for Lumenblade Small, Simple and Double Drilling Pattern for Lumenblade Small (for 3G ANSI C136.31-2010 Vibration Rating for bridge applications) Simple, Double and Triple Drilling Pattern for Lumenspoke Small Drilling Pattern for Decorative Arms (for Normal application as per ANSI 136.31 2018)
Grounding Terminal	Copper single-conductor (UL listed, accessible from pole hand hole)

Environmental

Environment	Dry/damp/wet location
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Accessories - Optional (Order Separately)

Arms	BA: Banner Arm (top only, or top and bottom) PH: Plant Holder Arm (single or double)
Fixture Mounting	PLTU: Universal Yoke
Hardware	PG: Pressure Gland
Needles	NDL: Spiked Needle NDL-BV: Beveled Needle

Important

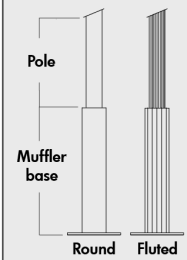
Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

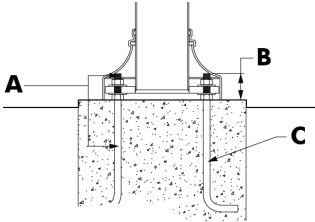
Configurations Table

Shapes	Round				Fluted*			
								
								
Maximum Height (material)	Aluminum: 20 ft	Aluminum: 22 ft Steel: 22 ft	Aluminum: 22 ft Steel: 22 ft	Aluminum: 22 ft Steel: 30 ft	Aluminum: 20 ft	Aluminum: 22 ft	Aluminum: 22 ft	Aluminum: 22 ft
Compatible Base Cover Options	QF [1]	QB6, QC6, QJ6	QB8, QC8, QM8, QT8	QB8, QC8, QM8, QT8	QF [1]	QB6, QC6, QJ6	QB8, QC8, QM8, QT8	QB8, QC8, QM8, QT8
Compatible Accessories	BA, PH, PLTU, NDL, NDL-BV				BA, PH	BA, PH	BA, PH	BA, PH

*Available for 3/16 in wall thickness (M) only.
[1] Available for aluminum poles only.
Consult individual Pole Accessory specification sheet for details.

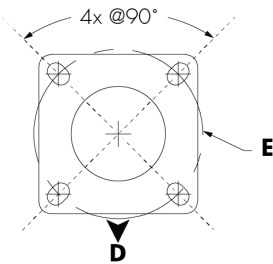
Anchoring Details

Anchor Details



- A - Galvanized Steel portion
B - The threads of Anchor Bolts must protrude at least 3 in from concrete base.
C - (4X) Anchor Bolts, supplied with two Nuts and Flats Washers for each.

Bolt Circle

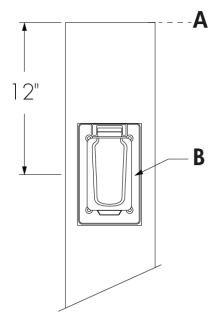


- D - Access Door and Street Side
E - Bolt Circle

	Aluminum		Steel			
	Anchor bolts	Bolt circle	Anchor bolts		Bolt circle	
Muffler base	Up to 22 ft	Up to 22 ft	Up to 22 ft	23 ft to 30 ft	Up to 22 ft	23 ft to 30 ft
Q5F [Ø5in] Fluted muffler base	Ø3/4 in x 26 in	Ø10 in	N/A	N/A	N/A	N/A
Q6 [Ø6in] Muffler base	Ø3/4 in x 26 in	Ø10 in	Ø3/4 in x 26 in	N/A	Ø10 in	N/A
Q8 [Ø8in] Muffler base	Ø3/4 in x 26 in	Ø11.5 in	Ø1 in x 36 in	Ø1 in x 36 in*	Ø11.5 in	Ø11.5 in*

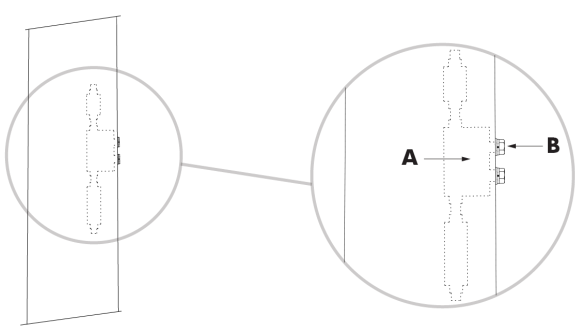
* For Ø 5 in pole only (top section)

Ground Fault Duplex Receptacle Options Detail



A - Top of pole
B - Standard location of Ground Fault Duplex Receptacle (DRG and DRG IU) is 12 in from the top on door side (consult factory for others configurations).

VD - Vibration Dampener



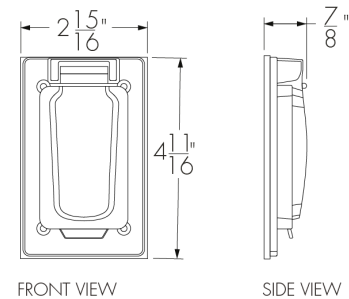
A - Vibration Dampener
B - Installation hardware(painted to match pole finish)

As per ANSI C136.30 standard for Pole Vibration, it is recommended to add a Vibration Dampener for a pole taller than 25 ft with low attachment EPA (less than 2 ft²). Special considerations should also be given to determine the need for a Vibration Dampener based on site conditions, regardless of selected pole height and EPA. Lumenpulse is not responsible for determining vibration dampener requirements on a project.

Consult factory for details.

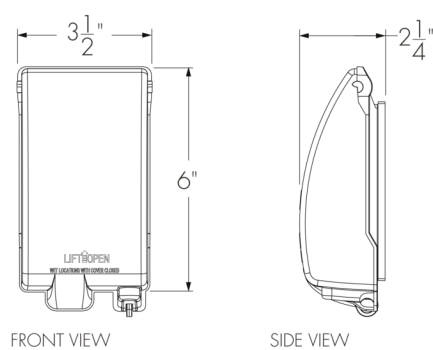
Duplex Receptacle Installation Dimensions

DRG - Ground Fault Duplex Receptacle



DRG and USB options are not suitable under the Canadian Electrical Code (CEC) for product installations in Canada. Only the DRG IU or USB IU are suitable for products installed in Canada.

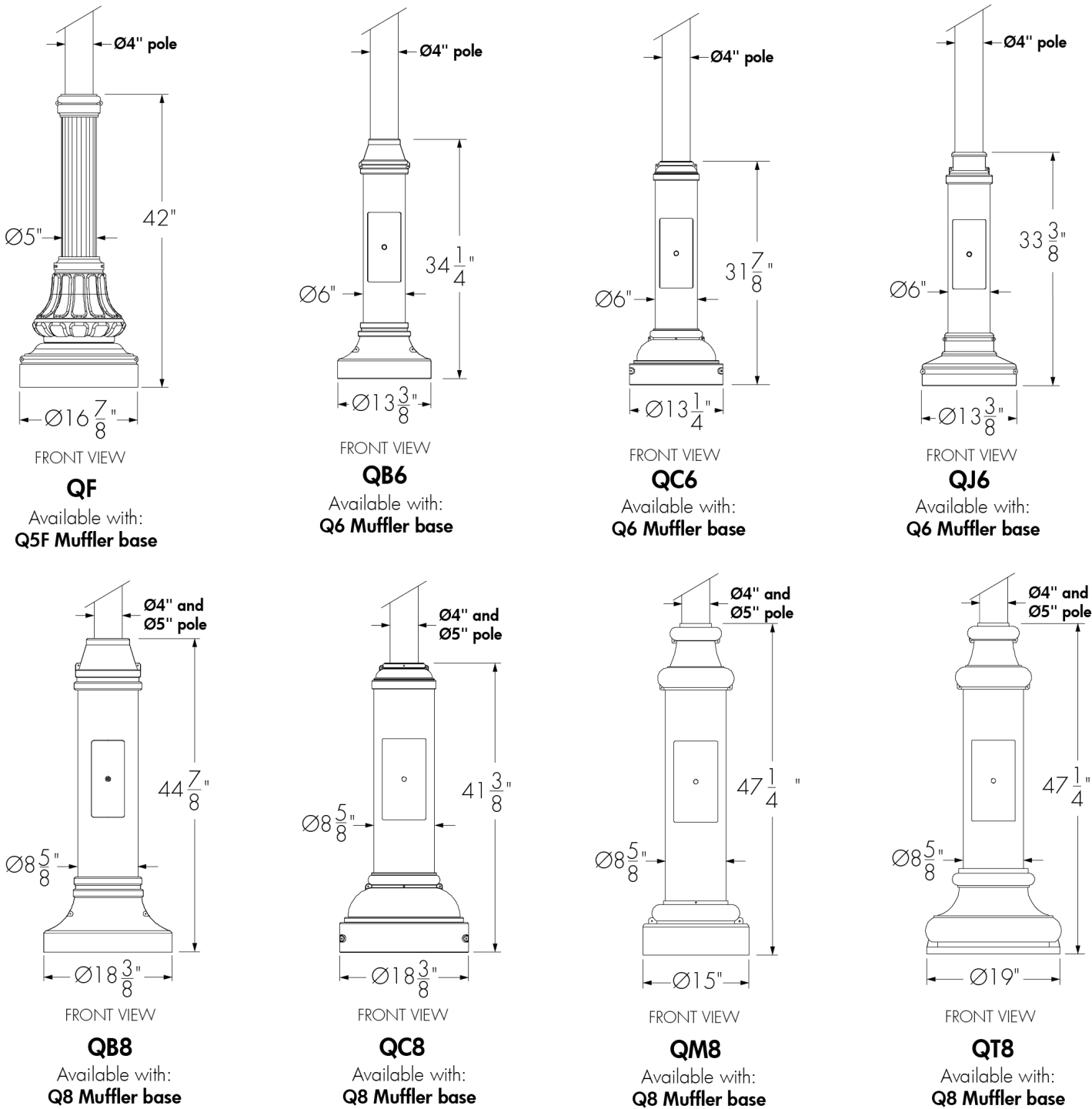
DRG IU - Ground Fault Duplex Receptacle (while in use)*



* Weather-resistant and lockable cover (padlock by others)

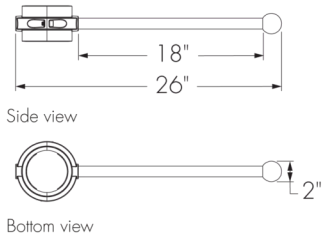
The duplex receptacle must be installed in accordance with applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Refer to national and local electrical codes before selecting a duplex receptacle to ensure all requirements are met.

Base Cover Options Dimensions

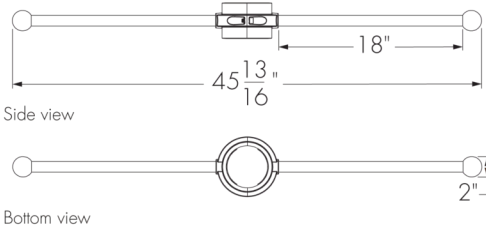


Banner Arm Dimensions*

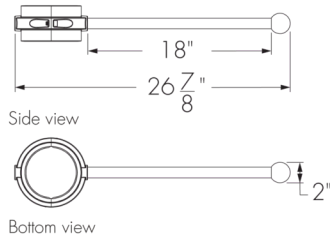
BA-X-CLMP-18-S1X-4-R



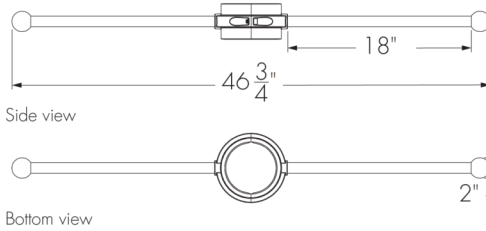
BA-X-CLMP-18-S2X-4-R



BA-X-CLMP-18-S1X-5-R



BA-X-CLMP-18-S2X-5-R

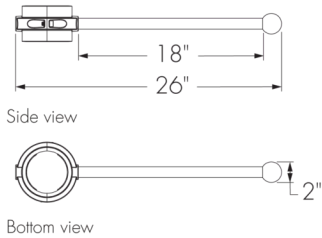


Order separately, consult Banner Arm specification sheet for details.

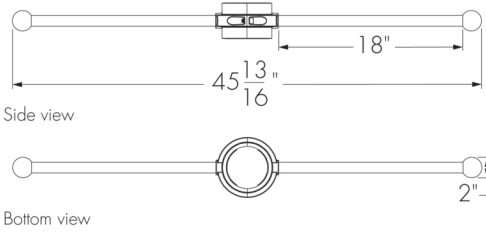
* Specify banner dimensions, installation height and orientation in the Ordering Specifications section.

Plant Holder Arm Dimensions*

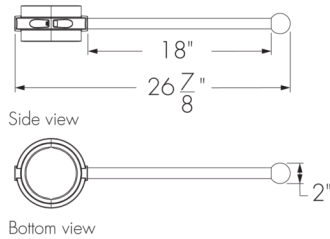
PH-CLMP-18-S1X-4-R/F



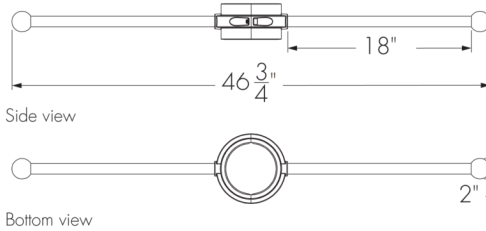
PH-CLMP-18-S2X-4-R/F



PH-CLMP-18-S1X-5-R-R/F



PH-CLMP-18-S2X-5-R/F

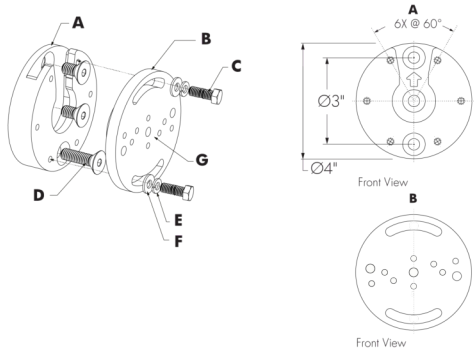
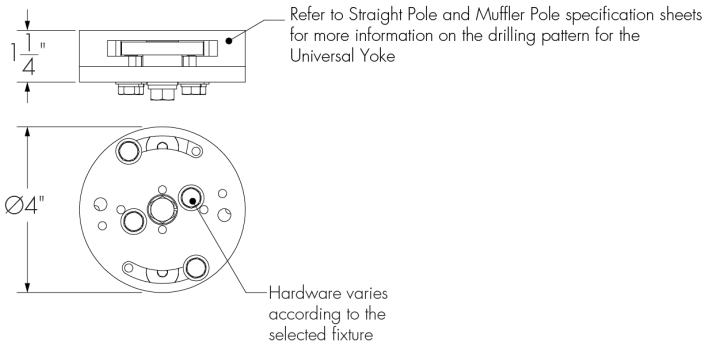


Order separately, consult Plant Holder Arm specification sheet for details.

* Specify basket dimensions and weight (maximum load 80 lbs wet), as well as installation height and orientation in the Ordering specifications section.

Universal Yoke Dimensions

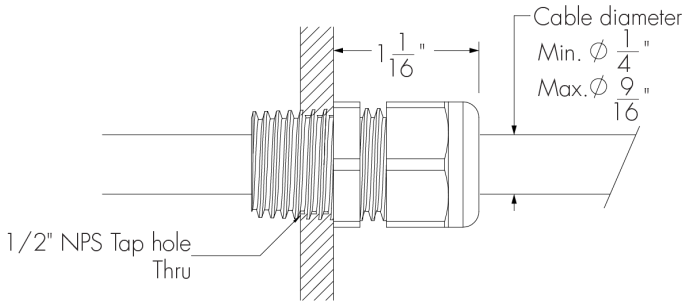
Straight and Muffler Pole



- A - Fixed part (Skate included)
- B - 360° swivel part
- C - (2X) 1/4-20 Bolts (included, use to assemble 360° swivel part to fixed part)
- D - (3X) 3/8-16 Bolts
- E - (2X) Lock Washer
- F - (2X) Flats Washer
- G - For 3/8-16 or 1/4-20 Bolts (included when ordered with a Lumenbeam product, refer to Drilling Pattern in installation instructions for more details)

Order separately, consult Universal Yoke specification sheet for details.

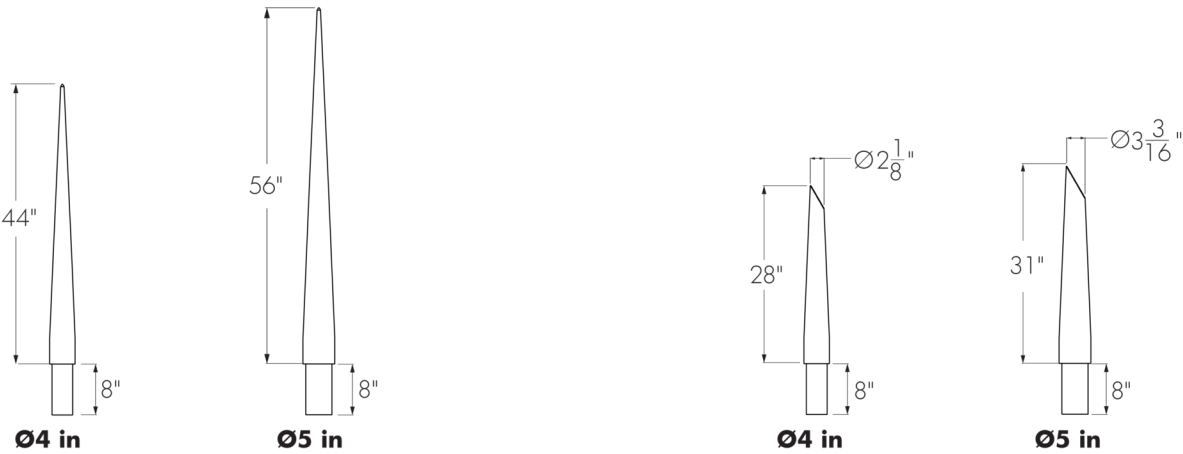
Pressure Gland Dimensions



Order separately, consult Pressure Gland specification sheet for details.

Accessories (Order Separately)

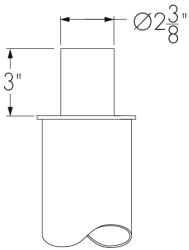
NDL - Spiked Needle	NDL-BV - Beveled Needle
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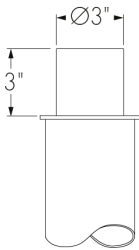
The corresponding pole dimension determines the height of each Needle. Consult Needle specification sheet for details.

Pole Top Options Details

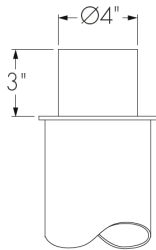
TN2 - 2 3/8 in O.D. Tenon Adapter



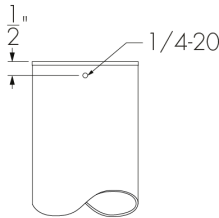
TN3 - 3 in O.D. Tenon Adapter



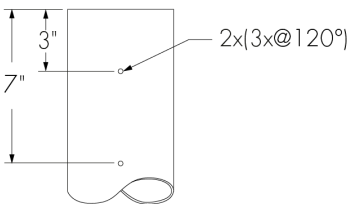
TN4 - 4 in O.D. Tenon Adapter



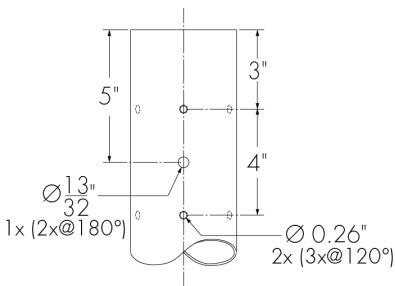
CAP - Flat Cap



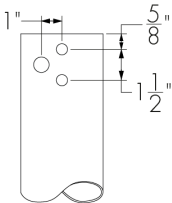
BRK - Drilling Pattern For Decorative Arms and Pole Top Accessories [4]



BRK-VRN - Drilling Pattern For Decorative Arms (for Normal application as per ANSI 136.31 2018.) [1]



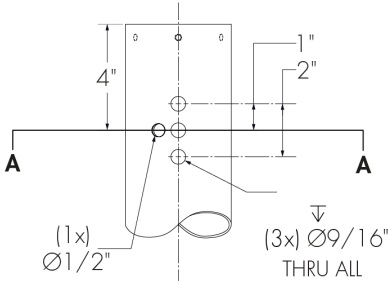
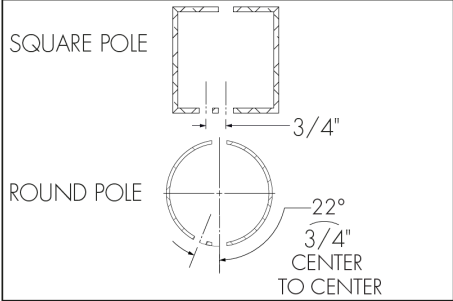
BLDS-S1E [2], BLDS-S2E [3], BLDS-S1E-3GV [2] and BLDS-S2E-3GV [3] - Drilling Pattern for Lumenblade Small [4]



[1] Consult Decorative Arm and Needle specification sheets for more details.
[2] Standard orientation for **S1E** configuration is 0° (access door).
[3] Standard orientation for **S2E** configuration is 0° and 180° from access door.
[4] Flat cap included.

SPKS-S1E - Simple Drilling Pattern for Lumenspoke
Small with SPKS4 Arm Style on Top of the Pole

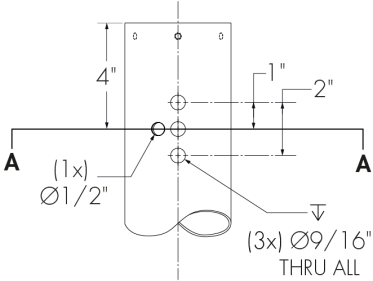
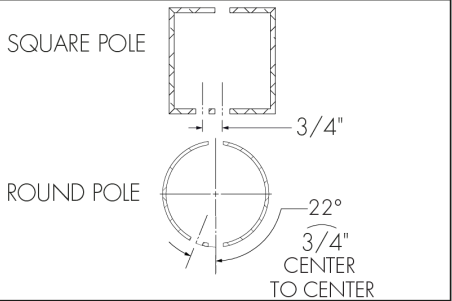
A-A SECTION



ORIENTATION: 0°

SPKH-S1E - Simple Drilling Pattern for Lumenspoke
Small with SPKH4 Arm Style on Top of the Pole

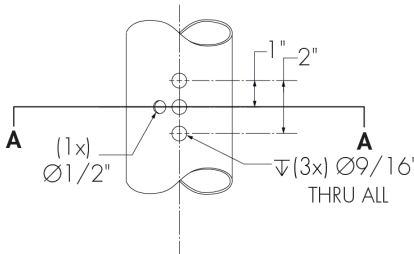
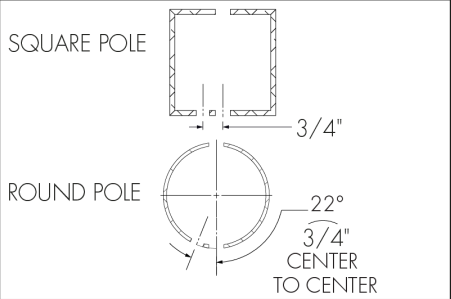
A-A SECTION



ORIENTATION: 270°

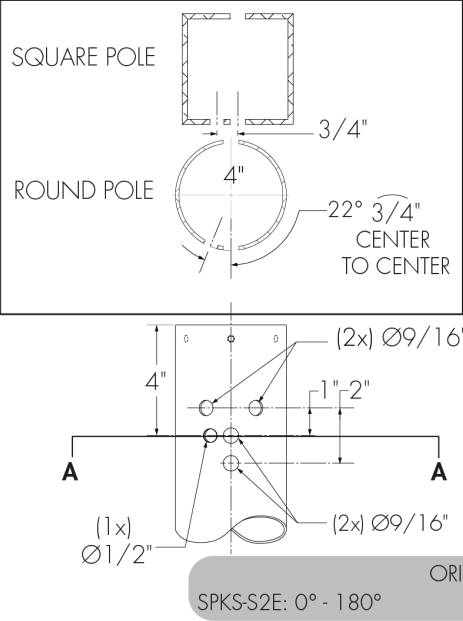
SPK-S1X - Simple Drilling Pattern for Lumenspoke
Small with SPKS4 and SPKH4 Arm Style at Variable Height

A-A SECTION

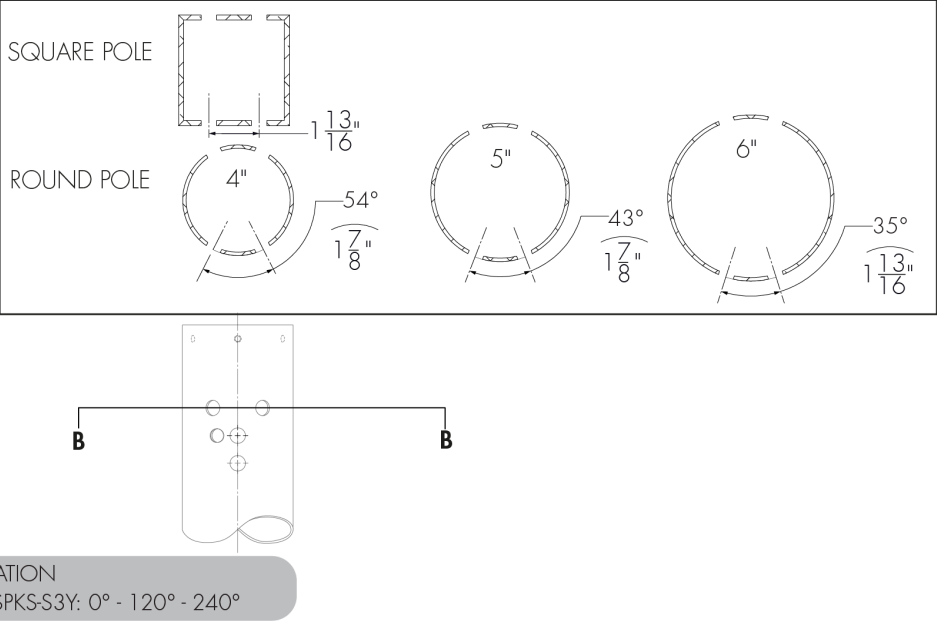


SPKS-S2E/S3Y - Double and Triple Y Shape Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole

A-A SECTION



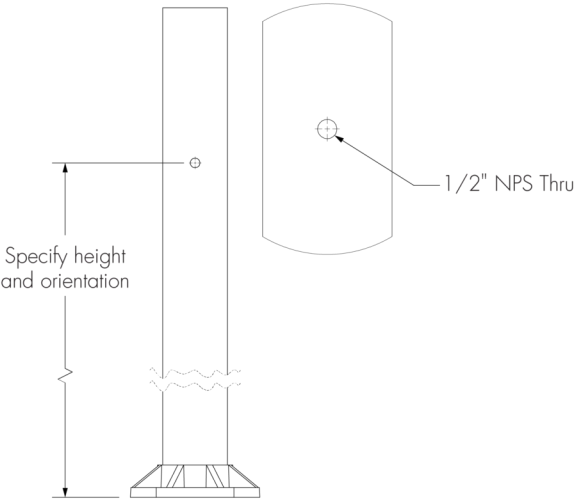
B-B SECTION



Double Configuration (S2E) Drilling Pattern shown

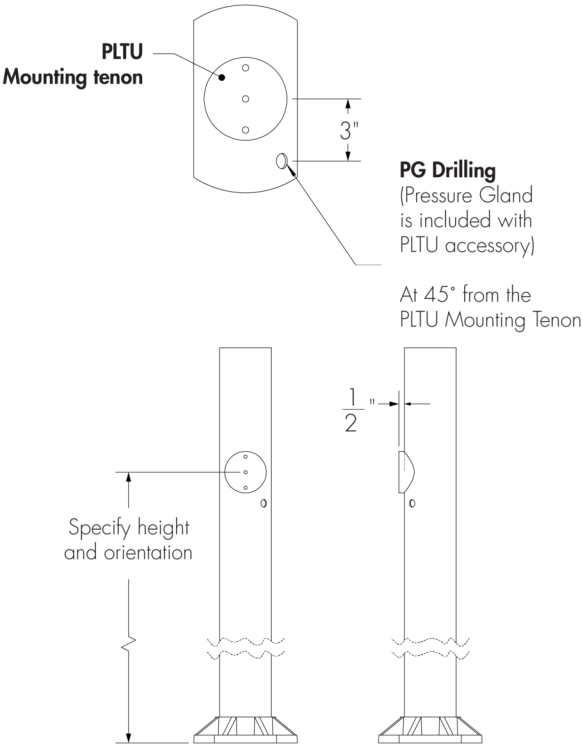
Pole Accessory Drilling Patterns

PG - Pressure Gland Drilling Pattern

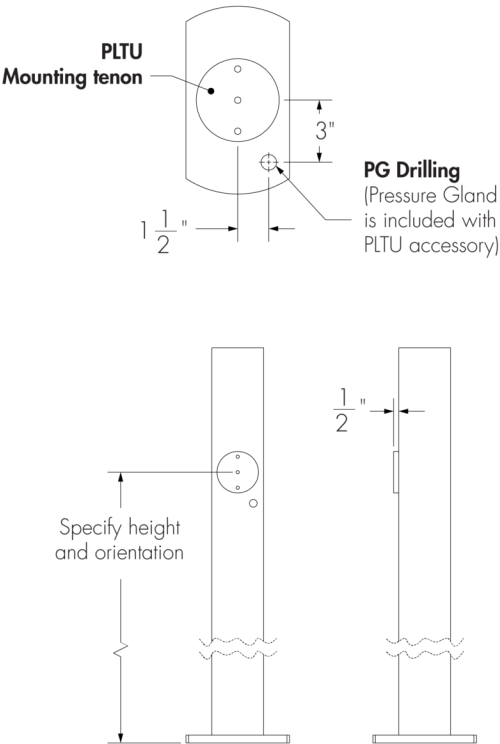


PLTU - Universal Yoke Drilling Pattern

Round Pole Shape



Square Pole Shape



Ordering Specifications
(Specifications Are Used For EPA Calculations)*

180°

270°

90°

0°

(Access door)

180°

270°

90°

0°

(Access door)

Product code

Orientation
(0°, 90°, 180°, 270°)

Height
(consult "configuration table"
section for maximum height)

Weight
(please specify weight of accessories)

Dimensions
(please specify dimensions of accessories)

1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

* In addition to specifying installation height and orientation, don't forget to include specific details for each accessory:

Universal Yoke (PLTU)/Small and Large Skate for Lumentech (SSK, LSK)

- If used with a fixture from another manufacturer, consult factory.

Banner Arm (BA)

- Specify banner dimensions.

Street Sign holder (SSH)

- Specify dimensions of sign to be mounted on Street Sign Holder.

Plant Holder Arm (PH)

- Specify basket size and weight (maximum 80 lbs wet).

Pressure Gland (PG)

- If used with a fixture from another manufacturer, specify the weight and dimensions of this fixture.

How to Order

Pole ⁽¹⁾	Pole Dimensions	Material	Shapes	Height ⁽⁴⁾	Wall Thickness ⁽⁵⁾	Muffler Base Dimension	Finish
PL-M Muffler Pole	4	AL	R	10	L	Q5F	BK
	4 in	Aluminum	Round	10 ft	1/8 in	Q5F Fluted Muffler Base	Black Sandtex®
	5	STL	F	11	M	Q6	BRZ
	5 in	Steel	Fluted ⁽²⁾ ⁽³⁾	11 ft	3/16 in	Q6 Muffler Base	Bronze Sandtex®
				12	H	Q8	SI
				12 ft	1/4 in	Q8 Muffler Base	Silver Sandtex®
				13	W		BKTX
				13 ft	5/16 in		Textured Black
				14			BRZTX
				14 ft			Textured Bronze Non-Metallic
				15			GRATX
				15 ft			Textured Medium Gray
				16			GRNTX
				16 ft			Textured Green
				17			WHTX
				17 ft			Textured White
				18			CC
				18 ft			Custom Color & Finish
				19			⁽⁶⁾ ⁽⁷⁾ ⁽⁸⁾
				19 ft			
				20			
				20 ft			
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				24 ft			
				25			
				25 ft			
				26			
				26 ft			
				27			
				27 ft			
				28			
				28 ft			
				29			
				29 ft			
				30			
				Maximum Height 30 ft			

- Notes:
1. Consult Related Products section on webpage for a selection of compatible accessories (sold separately).

2. Available for 3/16 in wall thickness only (M).

3. Available for Ø4 in and Ø5 in aluminum poles only.

4. Consult Configuration table of specification sheet for more details regarding restrictions on base covers and pole heights.

5. Determined by Lumenpulse.

6. Specify RAL number followed by "TX" for textured finish (ex: RAL9007TX) or STX for Sandtex finish (ex: RAL9007STX). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the RAL number (ex: RAL9007), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

7. Setup charges apply for RAL colors. Consult factory for details.

8. Longer lead times can be expected for custom RAL color finishes.

How to Order

Base Cover Options	Pole Top Options	Option	Anchor Bolts Option
QF 5 in base cover QF for 4 in pole QB6 6 in base cover QB6 for 4 in pole QC6 6 in base cover QC6 for 4 in pole QJ6 6 in base cover QJ6 for 4 in pole QB8 8 in base cover QB8 for 4 in and 5 in pole QC8 8 in base cover QC8 for 4 in and 5 in pole QM8 8 in base cover QM8 for 4 in and 5 in pole QT8 8 in base cover QT8 for 4 in and 5 in pole	TN2 2 3/8 in O.D. Tenon Adapter TN3 3 in O.D. Tenon Adapter TN4 4 in O.D. Tenon Adapter ⁽⁹⁾ CAP Flat Cap BRK Drilling Pattern for Decorative Arms and Pole Top Accessories BRK-VRN Drilling Pattern for Decorative Arms (for Normal application as per ANSI C136.31 2018) ⁽¹⁰⁾ BLDS-S1E Simple Drilling Pattern for Lumenblade Small ⁽¹¹⁾ ⁽¹²⁾ BLDS-S1E-3GV Simple Drilling Pattern for Lumenblade Small (for 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications) BLDS-S2E Double Drilling Pattern for Lumenblade Small ⁽¹¹⁾ ⁽¹²⁾ ⁽¹³⁾ BLDS-S2E-3GV Double Drilling Pattern for Lumenblade Small (for 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications) ⁽¹³⁾ TNMC1 MC1 Arm Style Tenon Adapter ⁽¹⁴⁾ SPK-S1X Simple Drilling Pattern for Lumenspoke Small with SPKS4 and SPKH4 Arm Style at Variable Height ⁽¹⁵⁾ SPKS-S1E Simple Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole ⁽¹¹⁾ ⁽¹²⁾ SPKH-S1E Simple Drilling Pattern for Lumenspoke Small with SPKH4 Arm Style on Top of the Pole ⁽¹¹⁾ ⁽¹²⁾ SPKS-S2E Double Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole ⁽¹¹⁾ ⁽¹²⁾ SPKS-S3Y Triple Y Shape Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole ⁽¹¹⁾ ⁽¹²⁾ ⁽¹⁶⁾	DRG Ground Fault Duplex Receptacle ⁽¹⁷⁾ DRG IU Ground Fault Duplex Receptacle (While in Use) ⁽¹⁷⁾ TP Tamper-Proof Screws CRC Corrosion-Resistant Coating ⁽¹⁸⁾ ⁽¹⁹⁾ GALV Galvanized Steel ⁽²⁰⁾ PLTU Universal Yoke Drilling Pattern ⁽²¹⁾ ⁽²²⁾ PG Pressure Gland Drilling Pattern ⁽²²⁾ VD Vibration Dampener ⁽²²⁾ ⁽²³⁾	AB Anchor Bolts ⁽²⁴⁾

Notes:

9. TN4 tenon adaptor not required with 4 in round pole.

10. Available for Ø4 in poles only.

11. Flat Cap included.

12. Consult factory for availability with fluted shape poles.

13. Available for 4 in poles with wall thicknesses L and M only when combined with a round shape. Available for 4 in poles with wall thickness M only when combined with a fluted shape.

14. TNMC1 Tenon adaptor required when MC1 post-top arm style selected.

15. Consult factory for availability.

16. Not available for 4 in Poles.

17. Only one duplex receptacle can be specified per fixture.
18. Automatically included when a steel pole is specified.

19. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

20. Only available for steel poles with textured finish (immersion marks may occur).

21. Not available for Fluted Pole Shape.

22. Consult factory for details.

23. As per ANSI C136.30 standard for Pole Vibration, it is recommended to add a Vibration Dampener for a pole taller than 25 ft with low attachment EPA (less than 2 ft²). Special considerations should also be given to determine the need for a Vibration Dampener based on site conditions, regardless of selected pole height and EPA. Lumenpulse is not responsible for determining vibration dampener requirements on a project.

24. Anchor bolts provided with double nuts, washers and template. One template provided for every 5 poles.