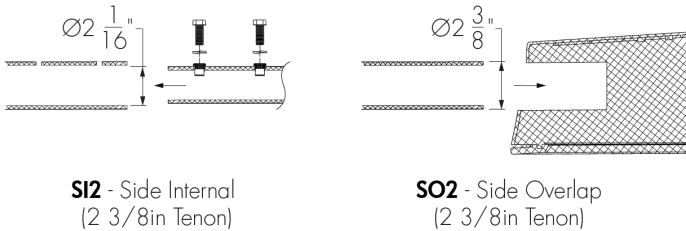


Project Name _____ Qty _____

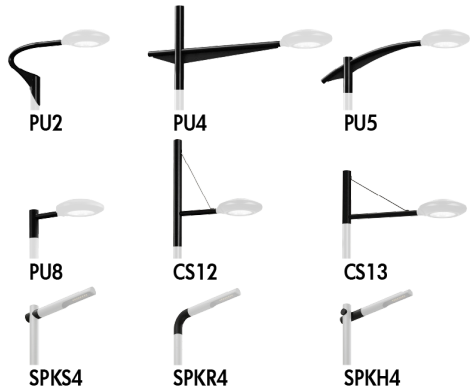
Type _____ Catalog / Part Number _____



PU8 Arm Style with S1E Configuration Shown
SPKR4 Arm Style with S1E Configuration Shown



Arm Style



Configurations

- SML** —○ Small Curved Tenon Mounting Arm
- LRG** —○ Large Curved Tenon Mounting Arm
- W1X** — Wall Mounting Arm
- S1X** —○ Variable Height Mounting Arm
- S1E** —○ Single Tenon Mounting Arm
- S2E** —○ Double Tenon Mounting Arm
- S3Y** — Triple Tenon Mounting Arm for Round Pole
- S3E** — Triple Tenon Mounting Arm
- S4E** —○ Quadruple Tenon Mounting Arm

Lumencycle™ Program



Description

The Side-Mount Arm is designed for use with Pure 100, Allegra Medium, Lumenicon Area Medium and Lumenspoke luminaires. Available in multiple styles, configurations, and finishes, the Side-Mount Arm allows your project the flexibility it deserves. The Side-Mount Arm is compatible with Lumentech Smart Poles, as well as Lumenpulse Straight and Muffler poles.

Features

Luminaire Mounting Options	S12: Side Internal (2 3/8 in Tenon) SO2: Side Overlap (2 3/8 in Tenon) SO2N: Side Overlap (2 3/8 in Tenon) for Lumenspoke with N10 and N15 Output
Options	Corrosion-Resistant Coating for Hostile Environments 5-Pin Receptacle With or Without Shorting Cap 7-Pin Receptacle With or Without Shorting Cap
Warranty	5-year limited warranty
Physical	
Housing Material	Extruded aluminum
Hardware Material	Stainless steel
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).
Environmental	
Environment	Dry/damp/wet location

Certifications



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>.

EPA And Weight Table - Arm Style with Luminaire Mounting Option for Round Pole Shape

SI2 - Side Internal (2 3/8 in Tenon) and SO2 - Side Overlap (2 3/8 in Tenon)

Arm Style	Arm Configurations			
		SML 		LRG 
PU2	EPA	1.08 sq.ft.		1.67 sq.ft.
	Weight	12.09 lbs.		14.87 lbs.

	Arm Configurations							
		W1X 	S1X 	S1E 	S2E 	S3E 	S3Y 	S4E 
PU4	EPA	N/A		3.13 sq.ft.	5.08 sq.ft.	N/A		
	Weight			24 lbs.	28 lbs.			
PU5	EPA			2.17 sq.ft.	2.88 sq.ft.			
	Weight			12.57 lbs.	18 lbs.			
PU8	EPA	0.19 sq.ft.	0.19 sq.ft.	0.42 sq.ft.	0.65 sq.ft.	0.86 sq.ft.	0.75 sq.ft.	1.08 sq.ft.
	Weight	2.2 lbs.	2.2 lbs.	6.52 lbs.	8.09 lbs.	9 lbs.	9 lbs.	9.9 lbs.
CS12	EPA	0.38 sq.ft.	0.38 sq.ft.	1.95 sq.ft.	2.39 sq.ft.	N/A		
	Weight	5.17 lbs.	5.17 lbs.	35.2 lbs.	43.04 lbs.			
CS13	EPA	1.05 sq.ft.	1.05 sq.ft.	1.84 sq.ft.	2.81 sq.ft.			
	Weight	11 lbs.	11 lbs.	16 lbs.	23 lbs.			

Mounting Arm weights are estimated.

SO2 - Side Overlap (2 3/8 in Tenon) and SO2N - Side Overlap (2 3/8 in Tenon) for lumenspoke N10 or N15 Output

	Arm Configurations							
		W1X 	S1X 	S1E 	S2E 	S3E 	S3Y 	S4E 
SPKS4	EPA	N/A	0.10 sq.ft.	0.10 sq.ft.	0.10 sq.ft.	0.27 sq.ft.	0.24 sq.ft.	0.33 sq.ft.
	Weight		5.47 lbs.	5.47 lbs.	6.85 lbs.	10.27 lbs.	10.27 lbs.	13.69 lbs.
SPKR4	EPA		N/A	0.58 sq.ft.	0.84 sq.ft.	1.57 sq.ft. *	1.41 sq.ft. *	1.95 sq.ft. *
	Weight			10.74 lbs.	17.09 lbs.	21.48 lbs. *	22.04 lbs. *	25.90 lbs. *
SPKH4	EPA		0.47 sq.ft.	0.47 sq.ft.	N/A			
	Weight		7.86 lbs.	7.86 lbs.				

Mounting Arm weights are estimated.

*For SPKR4 Arm Style specified with S3E, S3Y and S4E Arm Configuration, consult factory for availability.

EPA And Weight Table - Arm Style with Luminaire Mounting Option for Square Pole Shape

SI2 - Side Internal (2 3/8 in Tenon) and SO2 - Side Overlap (2 3/8 in Tenon)

Arm Style	Arm Configurations						
	W1X 		S1X 	S1E 	S2E 	S3E 	S4E 
PU4	EPA	N/A		5.5 sq.ft.	7.1 sq.ft.	N/A	
	Weight			24 lbs.	28 lbs.		
PU5	EPA			2.71sq.ft.	3.6 sq.ft.		
	Weight			12.57 lbs.	18 lbs.		
PU8	EPA	0.19 sq.ft.	0.19 sq.ft.	0.83 sq.ft.	1.03 sq.ft.	1.23 sq.ft.	1.42 sq.ft.
	Weight	2.2 lbs.	2.2 lbs.	6.52 lbs.	8.09 lbs.	9 lbs.	9.9 lbs.
CS12	EPA	0.38 sq.ft.	0.38 sq.ft.	4.44 sq.ft.	4.93 sq.ft.	N/A	
	Weight	5.17 lbs.	5.17 lbs.	35.2 lbs.	43.04 lbs.		
CS13	EPA	1.05 sq.ft.	1.05 sq.ft.	2.64 sq.ft.	3.36 sq.ft.		
	Weight	11 lbs.	11 lbs.	16 lbs.	23 lbs.		

Mounting Arm weights are estimated.

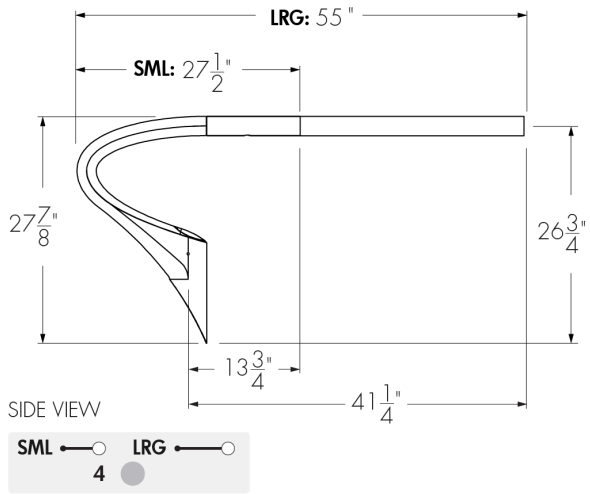
SO2 - Side Overlap (2 3/8 in Tenon) and SO2N - Side Overlap (2 3/8 in Tenon) for lumenspoke N10 or N15 Output

Arm Style	Arm Configurations						
	W1X 	S1X 	S1E 	S2E 	S3E 	S4E 	
SPKS4	EPA	N/A	0.10 sq.ft.	0.10 sq.ft.	0.10 sq.ft.	0.27 sq.ft.	0.33 sq.ft.
	Weight		5.47 lbs.	5.47 lbs.	6.85 lbs.	10.27 lbs.	13.69 lbs.
SPKH4	EPA		0.47 sq.ft.	0.47 sq.ft.	N/A		
	Weight		7.86 lbs.	7.86 lbs.			

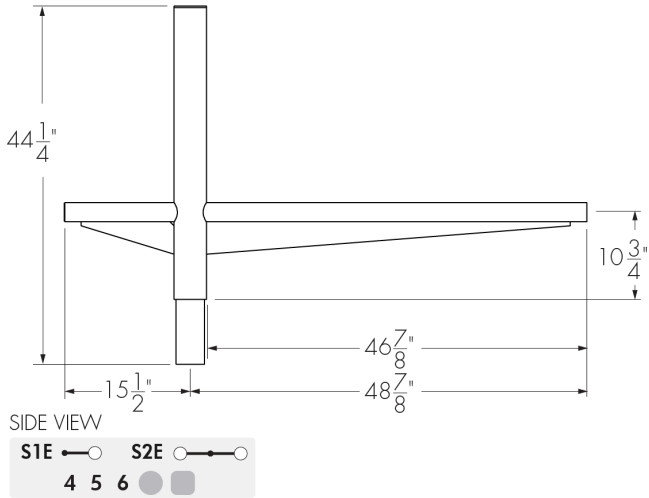
Mounting Arm weights are estimated.

SI2 - Side Internal (2 3/8 in Tenon) Arm Style Dimensions

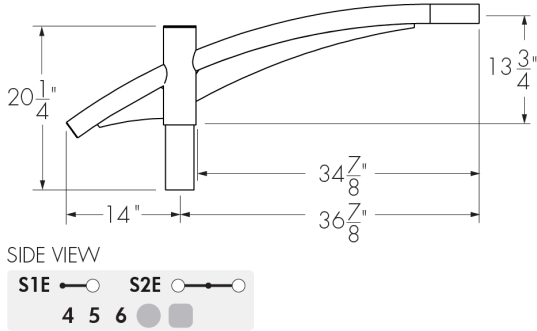
PU2 Arm Style



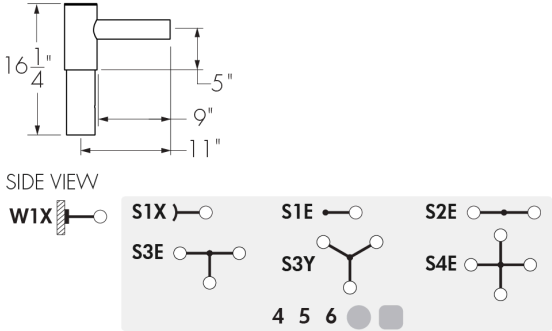
PU4 Arm Style



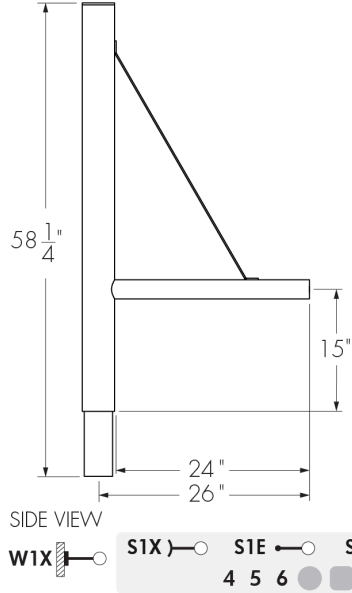
PU5 Arm Style



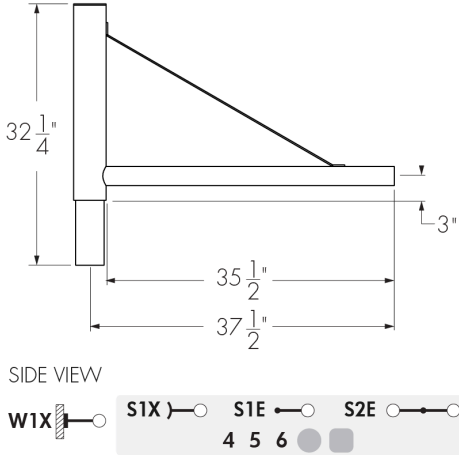
PU8 Arm Style



CS12 Arm Style



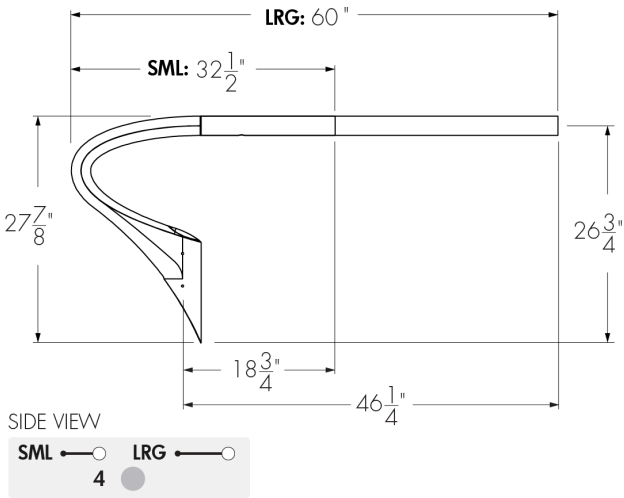
CS13 Arm Style



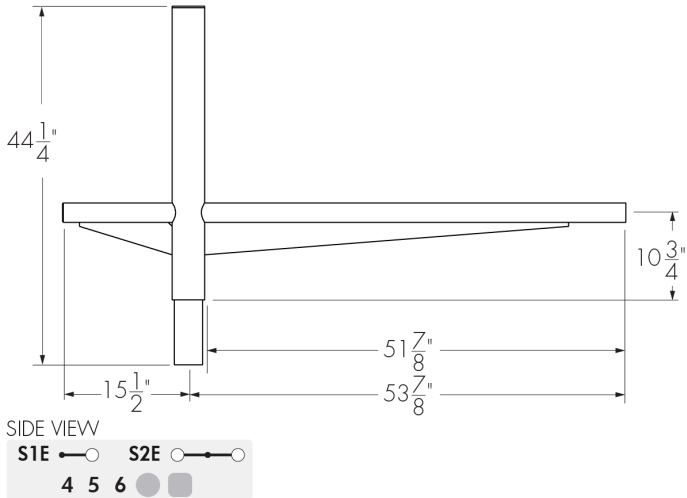
- Mid-pole/mid-luminaire distance is based on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

SO2 - Side Overlap (2 3/8 in Tenon) Arm Style Dimensions

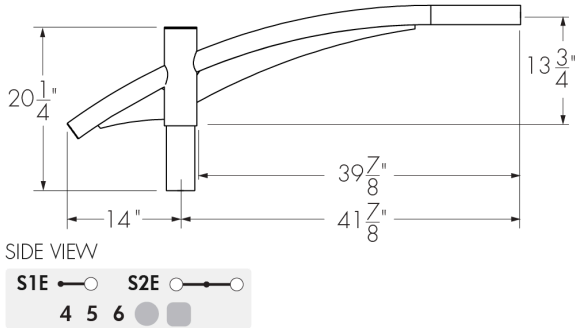
PU2 Arm Style



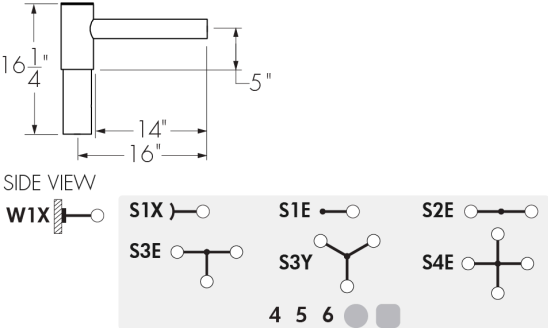
PU4 Arm Style



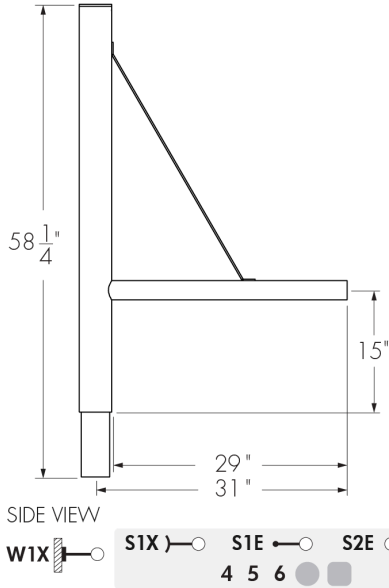
PU5 Arm Style



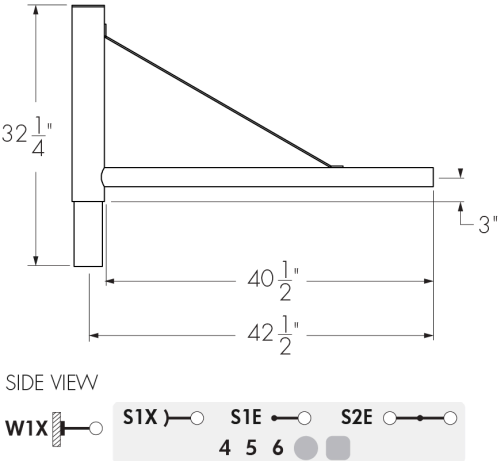
PU8 Arm Style



CS12 Arm Style



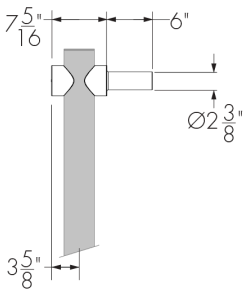
CS13 Arm Style



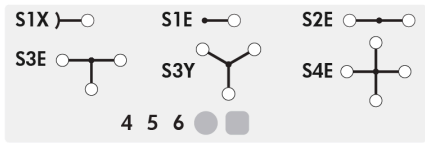
- Mid-pole/mid-luminaire distance is based on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

SO2 - Side Overlap (2 3/8 in Tenon) for Lumenspoke Arm Style Dimensions

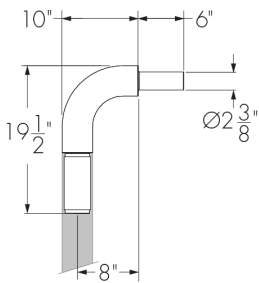
SPKS4 Arm Style



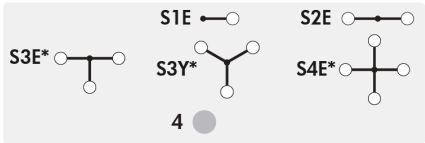
SIDE VIEW



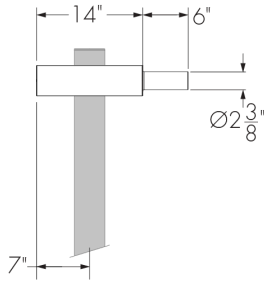
SPKR4 Arm Style



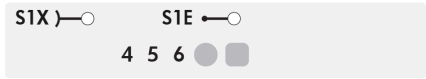
SIDE VIEW



SPKH4 Arm Style



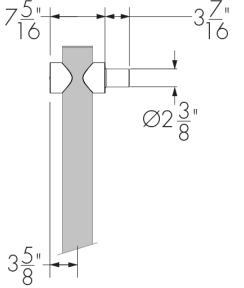
SIDE VIEW



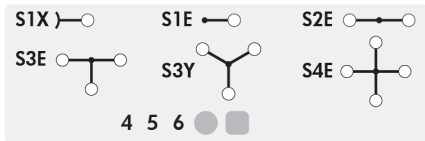
*Consult factory for availability with SPCR4 Arm Style.

SO2N - Side Overlap (2 3/8 in Tenon) for Lumenspoke N10 and N15 Output Arm Style Dimensions

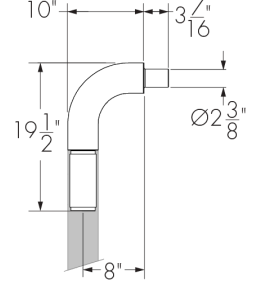
SPKS4 Arm Style



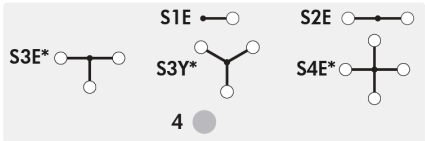
SIDE VIEW



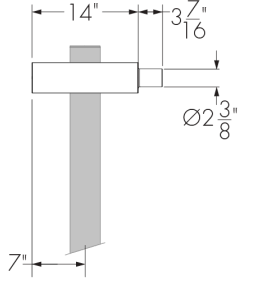
SPKR4 Arm Style



SIDE VIEW



SPKH4 Arm Style



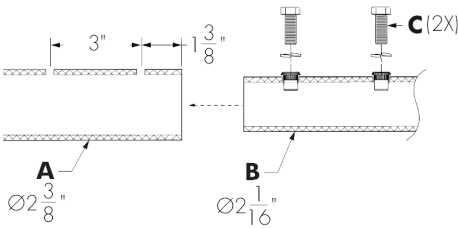
SIDE VIEW



*Consult factory for availability with SPCR4 Arm Style.

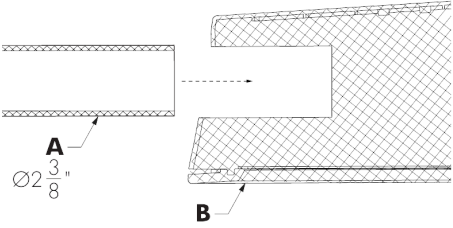
Luminaire Mounting Option Details - Luminaire/Arm style Junction

SI2 - Side Internal (2 3/8 in Tenon)



- A - Decorative Arm
B - Luminaire Adaptor
C - 1/4-20 Bolts and Lock Washers

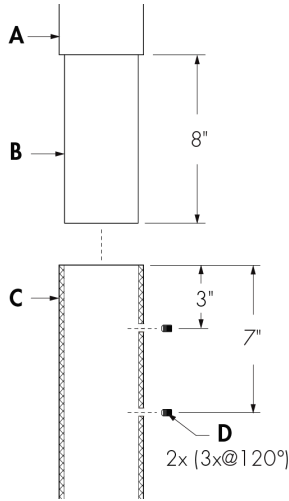
SO2 - Side Overlap (2 3/8 in Tenon)



- A - Decorative Arm
B - Luminaire

Pole Top Options Details - Arm Style/Decorative Pole Junction

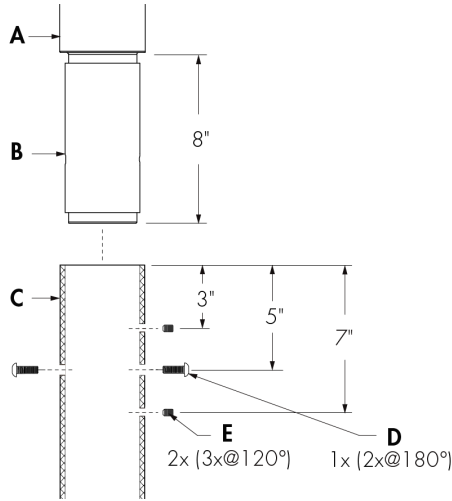
BRK - Drilling Pattern For Decorative Arms and Pole Top Accessories*



- A - Decorative Arm
B - Internal Adaptor
C - Pole
D - Ø5/16 in Set Screw (included with the pole)

* Required for PU4, PU5, PU8, CS12 and CS13 with S1E and S2E configurations.

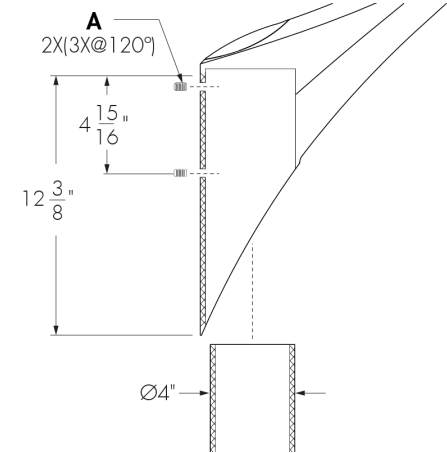
BRK-VRN - Drilling Pattern For Decorative Arms (for Normal Application as per ANSI 136.31 2018)*



- A - Decorative Arm
B - Internal Adaptor
C - Pole
D - Ø3/8-16 in Screw (included with the pole)
E - Ø5/16 in Set Screw (included with the pole)

* Required for SPKR4 with all configurations.
Available with 4 in in Round Pole only.

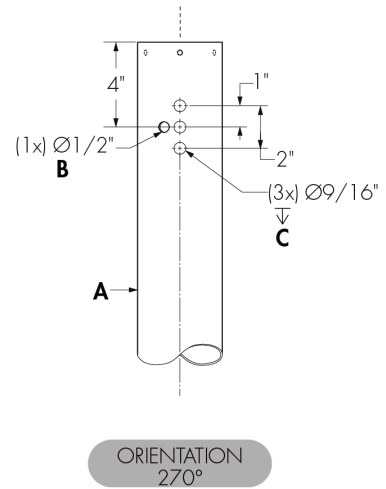
PU2 Arm Style*



- A - Ø5/16 in Set Screw (included with decorative arm)

* Required for SML and LRG configurations.
Available with 4 in Round Pole only.

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

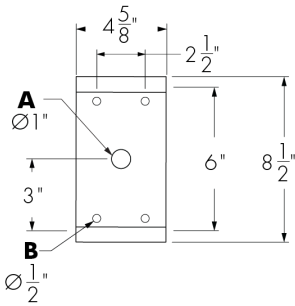


A - Pole
B - Wire feeding location
C - Thru all
See Side-Mount Arm installation instructions for orientation details.

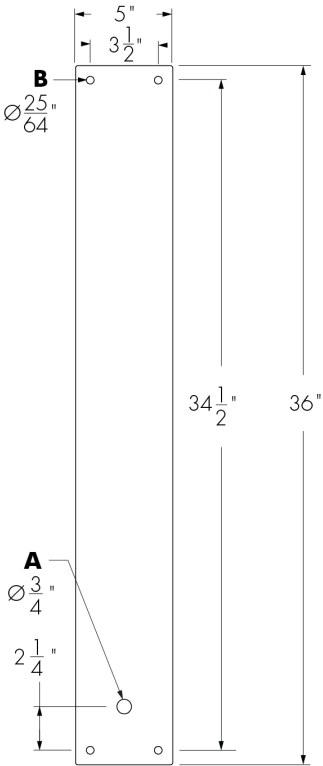
A - Pole

Wall Mounting Arm (W1X) Configuration Mounting Plate Details

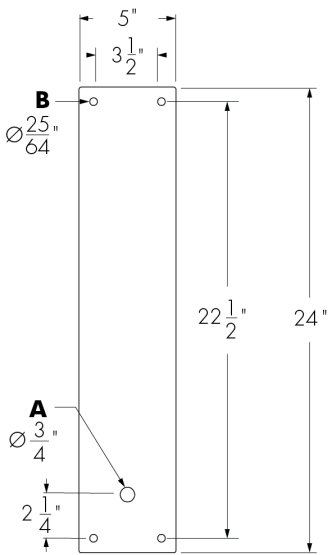
PU8 Arm Style Mounting Plate



CS12 Arm Style Mounting Plate



CS13 Arm Style Mounting Plate

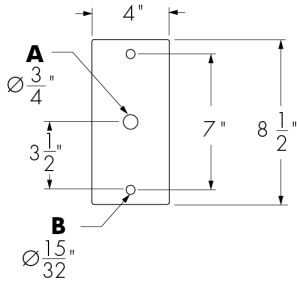


- A** - Wire-Feeding Location
B - (4x) Ø3/8-16 Bolts (not included)

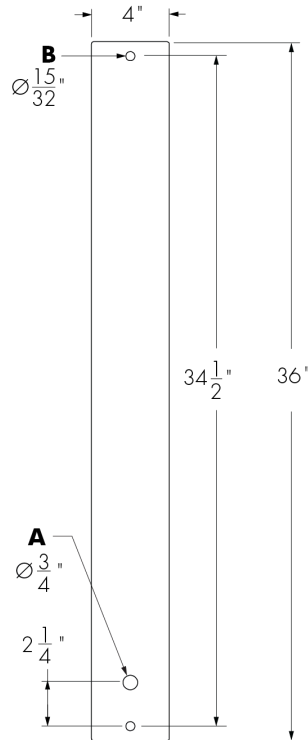
- Choose an electrical box of appropriate dimensions.

Variable Height Mounting Arm (S1X) Configuration Mounting Plate Details

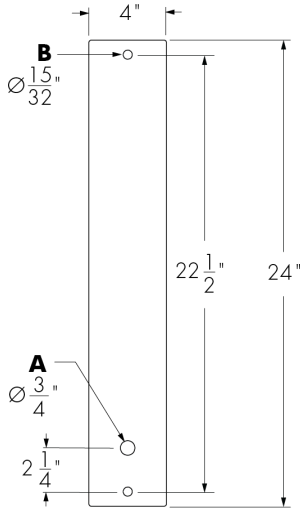
PU8 Arm Style Mounting Plate



CS12 Arm Style Mounting Plate



CS13 Arm Style Mounting Plate



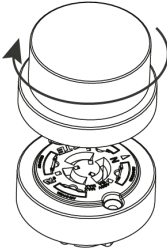
- A - Wire-Feeding Location
B - Straight and Muffler Pole: (2x) $\varnothing 3/8$ -16 Thru Bolts (included)
Lumentech Smart Pole: (2x) $\varnothing 7/16$ -14 Bolts (included)

Options

SPR5 and SPR7 - 5-Pin and 7-Pin Receptacles



SPR5 SC and SPR7 SC - 5-Pin and 7-Pin Receptacles with Shorting Cap



- Dimming receptacle meets ANSI C136.41 Standard.

How to Order

Arm	Luminaire Mounting Options ⁽¹⁾	Arm Style	Arm Configuration	Pole Dimension ^{(12) (13)}	Pole Shape ^{(12) (13)} ⁽¹⁷⁾
ARM-S Decorative Arm for Side-Mount Luminaire	SI2 Side Internal (2 3/8 in Tenon) ^{(2) (3)} SO2 Side Overlap (2 3/8 in Tenon) SO2N Side Overlap (2 3/8 in Tenon) for Lumenspoke with N10 and N15 Output ⁽⁴⁾	PU2 Arm Style PU2 ⁽⁵⁾ PU4 Arm Style PU4 PU5 Arm Style PU5 PUB Arm Style PUB CS12 Arm Style CS12 CS13 Arm Style CS13 SPKS4 Arm Style SPK Side Mount (4 in) SPKR4 Arm Style SPK Round (4 in) SPKH4 Arm Style SPK Horizontal (4 in)	W1X Wall Mounting Arm ⁽⁶⁾ S1X Variable Height Mounting Arm ⁽⁷⁾ S1E Single Tenon Mounting Arm ⁽⁸⁾ S2E Double Tenon Mounting Arm ⁽⁹⁾ S3Y Triple Tenon Mounting Arm for Round Pole ⁽¹⁰⁾ S3E Triple Tenon Mounting Arm ⁽¹⁰⁾ S4E Quadruple Tenon Mounting Arm ⁽¹⁰⁾ SML Small Curved Tenon Mounting Arm ⁽¹¹⁾ LRG Large Curved Tenon Mounting Arm ⁽¹¹⁾	4 4 in Straight or Muffler Pole 5 5 in Straight or Muffler Pole 6 6 in Straight or Muffler Pole 5T 5 in Lumentech Pole ^{(14) (15)} 6T 6 in Lumentech Pole ⁽¹⁵⁾ 8T 8 in Lumentech Pole ^{(15) (16)}	R Round S Square ⁽¹⁸⁾

Notes:

1. Refer to luminaire Specification Sheet for Luminaire Mounting Options informations.

2. Internal dimension: 2 1/16 in

3. Available with PU2, PU4, PU5, PUB, CS12 and CS13 Arm Styles only.

4. Available with SPKS4, SPKR4 and SPKH4 Arm Styles only.

5. Pole Wall Thickness not required with overlap Arm Style.

6. Available with PUB, CS12 and CS13 Arm Styles only.

7. Available with PUB, CS12, CS13, SPKS4 and SPKH4 Arm Styles only.

8. Available with PU4, PU5, PUB, CS12, CS13, SPKS4, SPKH4 and SPKR4 Arm Styles only.

9. Available with PU4, PU5, PUB, CS12, CS13, SPKS4 and SPKR4 Arm Styles only.

10. Available with PUB and SPKS4 Arm Styles only. Consult factory for availability with SPKR4 Arm Style.
11. Available with PU2 Arm Style only.

12. The Decorative Arm must be compatible with the chosen Decorative Pole to ensure optimal fit of the Pole/Arm junctions. Refer to Pole specification sheet and Area Lighting Pole Guide for details prior to completing the Decorative Arm product code.

13. Pole information required for S1X, S1E, S2E, S3E, S3Y and S4E only (pole wall thickness not required for S1X configuration).

14. Lumentech 5 in pole available with round shape only.

15. Available with S1X Arm Configuration only.

16. Consult factory for availability with SPKS4, SPKH4 and SPKR4 Arm Styles.

17. Consult factory for availability with fluted shape poles.

18. Available with PU4, PU5, PUB, CS12, CS13, SPKS4 and SPKH4 Arm Styles only.

How to Order

Pole Wall Thickness (12) (13) (19)	Pole Top Options (20)	Finish	Dual-Color Option	Cap Finish Option (Dual Color) (24)	Option
L 1/8 in	BRK Drilling Pattern for Decorative Arms and Pole Top Accessories (21)	BK Black Sandtex®	c Dual-Color (24)	BK Black Sandtex®	CRC Corrosion-Resistant Coating (33) (34)
M 3/16 in	BRK-VRN Drilling Pattern for Decorative Arms (for Normal application as per ANSI 136.31 2018) (22)	BRZ Bronze Sandtex®		BRZ Bronze Sandtex®	SPR5 5-Pin Receptacle (35) (36) (37)
H 1/4 in		SI Silver Sandtex®		SI Silver Sandtex®	SPR5 SC 5-Pin Receptacle with Shorting Cap (35) (36) (37)
W 5/16 in	SPKS-S1E Simple Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole (23)	BKTX Textured Black		BKTX Textured Black	SPR7 7-Pin Receptacle (35) (36) (37)
	SPK-S1X Simple Drilling Pattern for Lumenspoke Small with SPKS4 and SPKH4 Arm Style at Variable Height (24)	BRZTX Textured Bronze Non-Metallic		BRZTX Textured Bronze Non-Metallic	SPR7 SC 7-Pin Receptacle with Shorting Cap (35) (36) (37)
	SPKS-S2E Double Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole (25)	GRATX Textured Medium Gray		GRATX Textured Medium Gray	VRBO Vibration Rated for Bridge and Overpass (38) (39)
	SPKS-S3E Triple Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole (26)	GRNTX Textured Green		GRNTX Textured Green	
	SPKS-S3Y Triple Y Shape Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole (27) (28)	WHTX Textured White		WHTX Textured White	
	SPKS-S4E Quadruple Drilling Pattern for Lumenspoke Small with SPKS4 Arm Style on Top of the Pole (24)	CC Custom Color & Finish (30) (31) (32)		CC Custom Color & Finish (30) (31) (32)	
	SPKH-S1E Simple Drilling Pattern for Lumenspoke Small with SPKH4 Arm Style on Top of the Pole (27)				

Notes:

- 12.** The Decorative Arm must be compatible with the chosen Decorative Pole to ensure optimal fit of the Pole/Arm junctions. Refer to Pole specification sheet and Area Lighting Pole Guide for details prior to completing the Decorative Arm product code.

13. Pole information required for S1X, S1E, S2E, S3E, S3Y and S4E only (pole wall thickness not required for S1X configuration).

19. Pole wall thickness available with Straight and Muffler Pole only.

20. Drilling Pattern for Decorative Arm option needs to be selected in Decorative Pole product code if required by the Decorative Arm product code. Refer to Decorative Pole specification sheet and Area Lighting Pole Guide for details prior to completing the Decorative Arm product code.

21. Bracket pole drilling required for PU4, PU5, PU8 CS12, CS13 and SPKR4 Arm Styles.

22. Bracket Pole Drilling for Normal Applications Required for SPKR4 Arm Style.

23. Available with SPKS4 Arm Style only.

24. Available with SPKS4 and SPKH4 Arm Style only.

25. Available with SPKS4 Arm Style combined with a 4 in round, 4 in square, 5 in round, 5 in square, 6 in round or 6 in square pole only.

26. Available with SPKS4 Arm Style combined with a 4 in square, 5 in square, 6 in round or 6 in square pole only.

27. Available with SPKS4 Arm Style combined with a 6@8 round Pole only.
- 28.** Available with SPKS4 Arm Style combined with a 5 in or 6 in round Pole only.

29. Available with SPKH4 Arm Style only.

30. 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.

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

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

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

34. Setup charges apply. Consult factory for details.

35. Not available with W1X and S1X configurations.

36. Only one Receptacle or Photoelectric Cell can be specified per fixture.

37. Available with PU4, PU5 and PU8 Arm Styles only.

38. Available with SPKS4 Arm Style only.

39. Vibration tested in accordance with ANSI 136.31 2018 for bridge and overpass applications at 4.2G.