Sine 8’ – 18’ Scarf Joint Square Poles

FIXTURE TYPE: _____

PROJECT NAME: _____



Glulam solid wood shaft and aluminum base pole available in 8’ – 18’ heights with scarf joint base connection.

FEATURES:

- Available with straight, tapered, or square to round wood shaft
- Square extruded aluminum pole base with flush handhole cover held with countersunk stainless steel fasteners.
- Tenon or drill mount fixture mounting

SPECIFICATIONS:

HOUSING: Solid wood pole is assembled through glulam construction and precision machined using CNC technology. An electrical raceway is provided in the pole’s center for wiring. Laminations measure no more than 2” in thickness. Adhesive complies with ASTM D-2559 glulam construction specifications for extreme exposed weather conditions, is waterproof and rated for wet or dry use exposure.

Glulam wood shaft is fastened to aluminum pole base welded to a 3/4” thick aluminum anchor bolt base. Anchor bolt kit includes (4) 3/4” hot dip galvanized anchor bolts and fasteners and ridged concrete pour template.

ELECTRICAL: A 5/16” – 18 grounding point is provided on the aluminum pole base. Wireway access is provided through a NEC compliant handhole with a flush, gasketed cover plate.

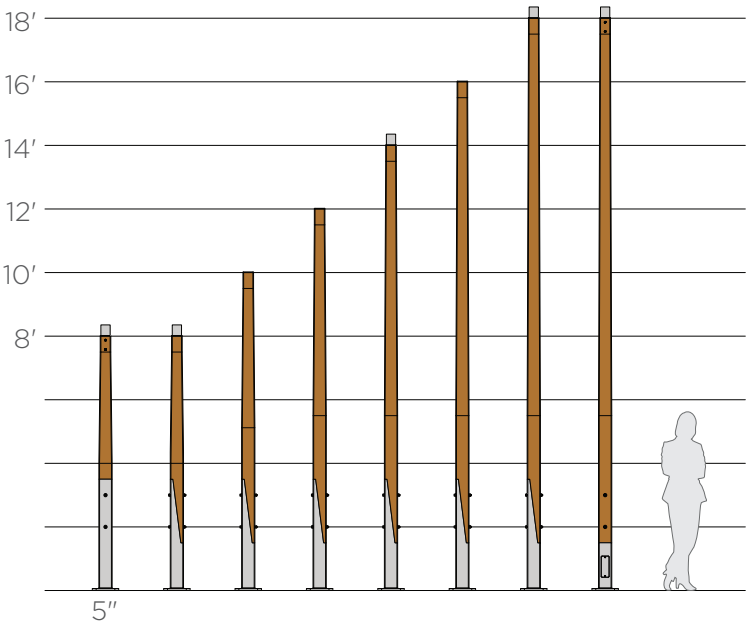


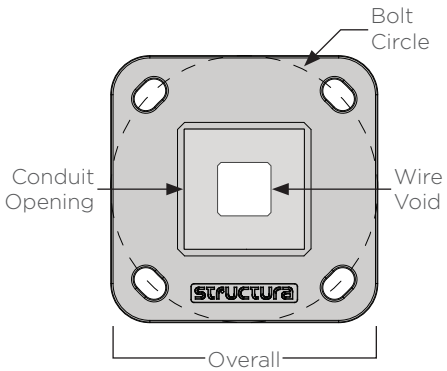
FINISHES AND MATERIALS: Wood pieces are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. All exterior aluminum parts are polyester powder coat painted to AAMA-2604 standards. Care and Maintenance

HARDWARE: All hand hole fasteners and luminaire bracket arm hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

FIXTURE MOUNTING: Fixtures mount either by 2 3/8”, 2 7/8”, 3 1/2”, or 4” diameter by 4” tall tenon or drill mount for arm brackets. Consult factory for other tenon sizes. Bolt mounted luminaires must use stainless steel hardware.

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Pole Size	Baseplate Size	Bolt Circle	Base Height[1]	Conduit Opening	Wire Void
5.0″	10″ Sq.	10″ Dia.	42″, 18″	4.5″ Sq.	2″ Sq.

ORDERING GUIDE: EXAMPLE: SINE-T-14-50-40-S6-C7-D1-BD-STD

SINE			50								STD
1	2	3	4	5	6	7	8	9	10	11	11

1 Series

SINE	Sine

2 Shaft Shape

T	Square Taper
S	Square Straight

3 Height

8	8′
10	10′
12	12′
14	14′
16	16′
18	18′

4 Base Width

50	5.0″

5 Top Width

40	4.0″
50	5.0″

6 Wood Finish

S*	See color options on finishes technical sheet

7 Metal Finish

C*	See color options on finishes technical sheet
CSM	Custom Color

8 Fixture Mounting

Tenon	
T2384	2 3/8″ x 4″ Tenon
T2784	2 7/8″ x 4″ Tenon
T3124	3 1/2″ x 4″ Tenon
T4004	4″ x 4″ Tenon
TXXX	Specify other Tenon

Drill	
D1	1 Drill Location
D2	2 Drill Locations
D3	3 Drill Locations
D4	4 Drill Locations

9 Options

BABA	BABA
BNR	Banner Arms[2]

10 Anchor Bolts

BD	Bolt Down Anchors (recommended)
BC	Traditional Anchors with Base Cover

11 Special

STD	Standard

1. Front side of base is 42" tall and back side of base (handhole side) is 18".
2. Consult factory for allowable banner size based upon EPA.

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