Duo 12' - 20' Double Aluminum Upright

FIXTURE TYPE: _____

PROJECT NAME: _____



Shown with Structura Lineal luminaire and lit center tie option.

Double aluminum extrusion uprights with wood or metal center accents and fixture arm for pedestrian and roadway pole.

FEATURES:

- Roadway or pedestrian pole heights up to 20'.
- Multiple upright/arm styles.
- Available with wood or aluminum accent panels.

SPECIFICATIONS:

CONSTRUCTION: Rectangular extruded 6061-T6 aluminum alloy tube welded to 319SR aluminum alloy base plate with 6063-T6 aluminum center supports.

ELECTRICAL: A 5/16" – 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

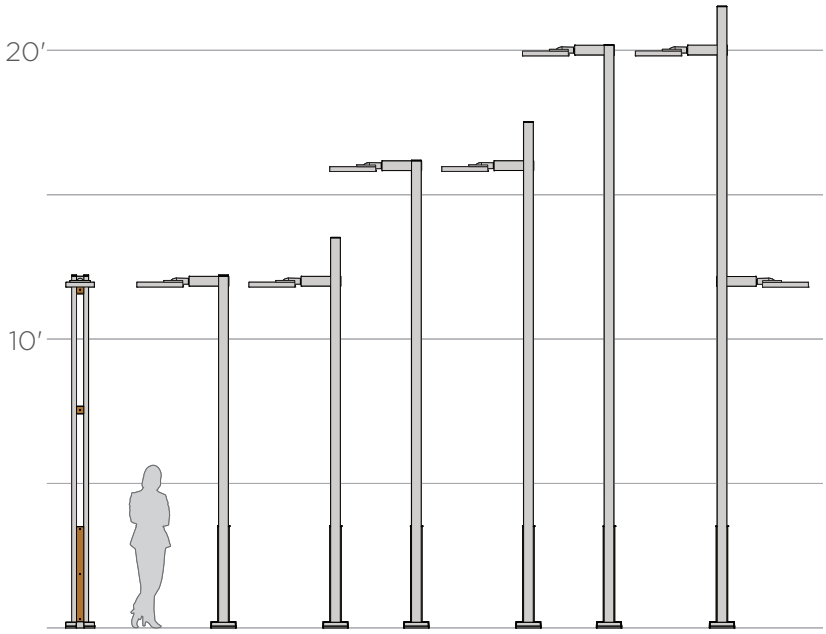
FINISHES AND MATERIALS: All exterior aluminum parts are polyester powder coat painted to AAMA-2604 standards. Wood pieces are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. Care and Maintenance

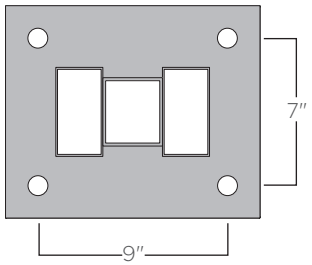
HARDWARE: All hand hole fasteners and luminaire bracket arm hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

FIXTURE MOUNTING: Fixtures mount pole to arm with welded on bolt plate or tenon. Luminaires and accessories shall be provided by others.



©2026 STRUCTURA, INC.





ORDERING GUIDE: EXAMPLE: DUO-17.5-C4-125-A16/BP12-P1/S5-BC-STD

DUO				/	/			BC	STD
1	2	3	4	5	6	7	8	9	10	11	12

1 Series

DUO Duo

2 Pole Height

12 12′
13.5 13.5′
16 16′
17.5 17.5′
20 20′
21.5 21.5′

3 Pole Finish

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

4 Wall Thickness(1)

125 0.125″ Wall
250 0.25″ Wall

5 A Side Fixture Mounting Height

A0 No fixture on this side
A12 12′
A16 16′
A20 20′

6 A Side Mounting Type(2)

2 3/8″ Diameter Mast Arms
MA Flush Mount
MA12 12″ Arm
Bolt Plates
BP Flush Mount
BP12 12″ Arm

7 B Side Fixture Mounting Height

B0 No fixture on this side
B12 12′
B16 16′
B20 20′

8 Mounting Type(2)

2 3/8″ Diameter Mast Arms
MA Flush Mount
MA12 12″ Arm
Bolt Plates
BP Flush Mount
BP12 12″ Arm

9 Panel Material

P1/S* Wood (specify wood color)(3)
P2/C* Aluminum (specify paint color)(3)

10 Options

BABA BABA
BNR Banner Arms(4)
GFCI GFCI Box(5)
LCT/*** Lit Center Tie(6)

11 Anchor Bolts

BC Traditional Anchors with Base Cover

12 Special

STD Standard

1. Wall thickness determines the poles' maximum wind load per a given wind zone. See wind loading tables.
2. Leave this section blank if no fixture is on this side.
3. See color options on finishes technical sheet.
4. Consult factory for allowable banner size based upon EPA.
5. GFCI box comes with in-use or wet location cover. Outlet supplied by others.
6. Specify lit center tie down light color temperature of 3000K (L30), 4000K (L40), or RGBW, example: LCT/RGBW. Lit center tie supplied with 120VAC input driver.

©2026 STRUCTURA, INC.