

# 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.

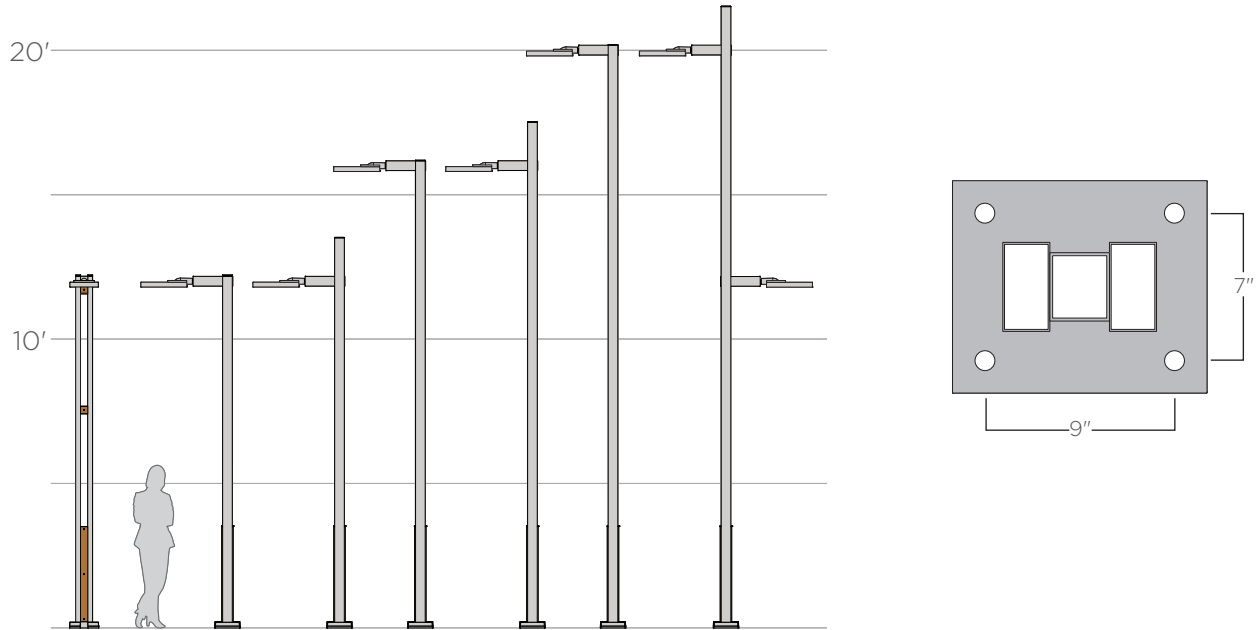
**ELECTRICAL:** A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

**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.





**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<sup>(1)</sup>**

- 125 0.125" Wall
- 250 0.25" Wall

**5 A Side Fixture Mounting Height**

- AO** No fixture on this side
- A12** 12'
- A16** 16'
- A20** 20'

**6 Mounting Type<sup>(2)</sup>**

**MA** 2 3/8" Diameter Mast Arms  
**MA12** Flush Mount 12" Arm

**Bolt Plates**  
**BP** Flush Mount  
**BP12** 12" Arm

**7 B Side Fixture Mounting Height**

- BO** No fixture on this side
- B12** 12'
- B16** 16'
- B20** 20'

**8 Mounting Type<sup>(2)</sup>**

**MA** 2 3/8" Diameter Mast Arms  
**MA12** Flush Mount 12" Arm

**Bolt Plates**  
**BP** Flush Mount  
**BP12** 12" Arm

**9 Panel Material**

**P1/S\*** Wood (specify wood color)<sup>(3)</sup>  
**P2/C\*** Aluminum (specify paint color)<sup>(3)</sup>

**10 Options**

**BNR** Banner Arms<sup>(4)</sup>  
**LCT/\*\*\*** Lit Center Tie<sup>(5)</sup>  
**GFCI** GFCI Box and Cover

**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. Specify lit center tie down light color temperature of 3000K (L30), 4000K (L40), or RGBW, example: LCT/RGBW

# Duo XL 20' - 30' Double Aluminum Upright

STRUCTURA

FIXTURE TYPE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_



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 30'.
- Multiple upright/arm styles.
- Available with wood or aluminum accent panels.

## SPECIFICATIONS:

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

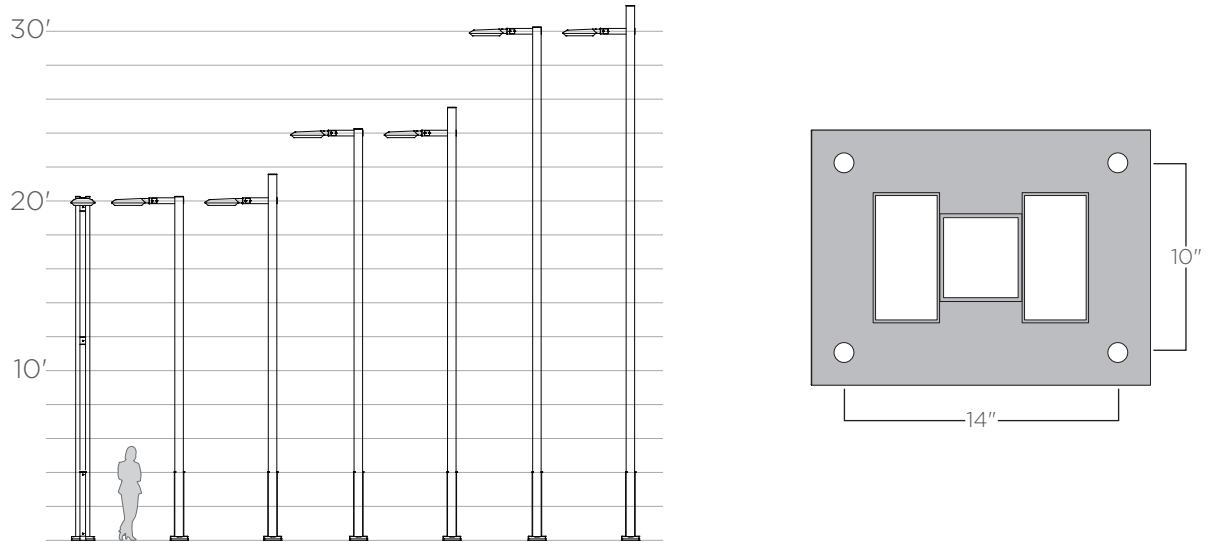
**ELECTRICAL:** A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

**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.





**ORDERING GUIDE:** EXAMPLE: DUO XL-25.5-C3-250-A24/MA18-B18/MA12-P1/S4-BC-STD

DUO XL			250	/	/					BC	STD
1	2	3	4	5	6	7	8	9	10	11	12

**1** Series  
DUO XL Duo XL

**2** Pole Height  
20  
21.5  
24  
25.5  
30  
31.5

**3** Pole Finish  
C\* See color options on finishes technical sheet  
CSM Custom Color

**4** Wall Thickness<sup>(1)</sup>  
250 0.25" Wall

**5** A Side Fixture Mounting Height  
A0 No fixture on this side  
A20 20'  
A24 24'  
A30 30'

**6** Mounting Type<sup>(2)</sup>  
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  
B20 20'  
B24 24'  
B30 30'

**8** Mounting Type<sup>(2)</sup>  
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)<sup>(3)</sup>  
P2/C\* Aluminum (specify paint color)<sup>(3)</sup>

**10** Options  
BNR Banner Arms<sup>(4)</sup>  
LCT/\*\*\* Lit Center Tie<sup>(5)</sup>  
GFCI GFCI Box and Cover

**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. Specify lit center tie down light color temperature of 3000K (L30), 4000K (L40), or RGBW, example: LCT/RGBW

# Duo TT 10' - 18' Double Aluminum Upright

FIXTURE TYPE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_



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

## FEATURES:

- Roadway or pedestrian pole heights up to 18'.
- Available with wood or aluminum accent panels.
- Specified tenon welded to top casting.

## SPECIFICATIONS:

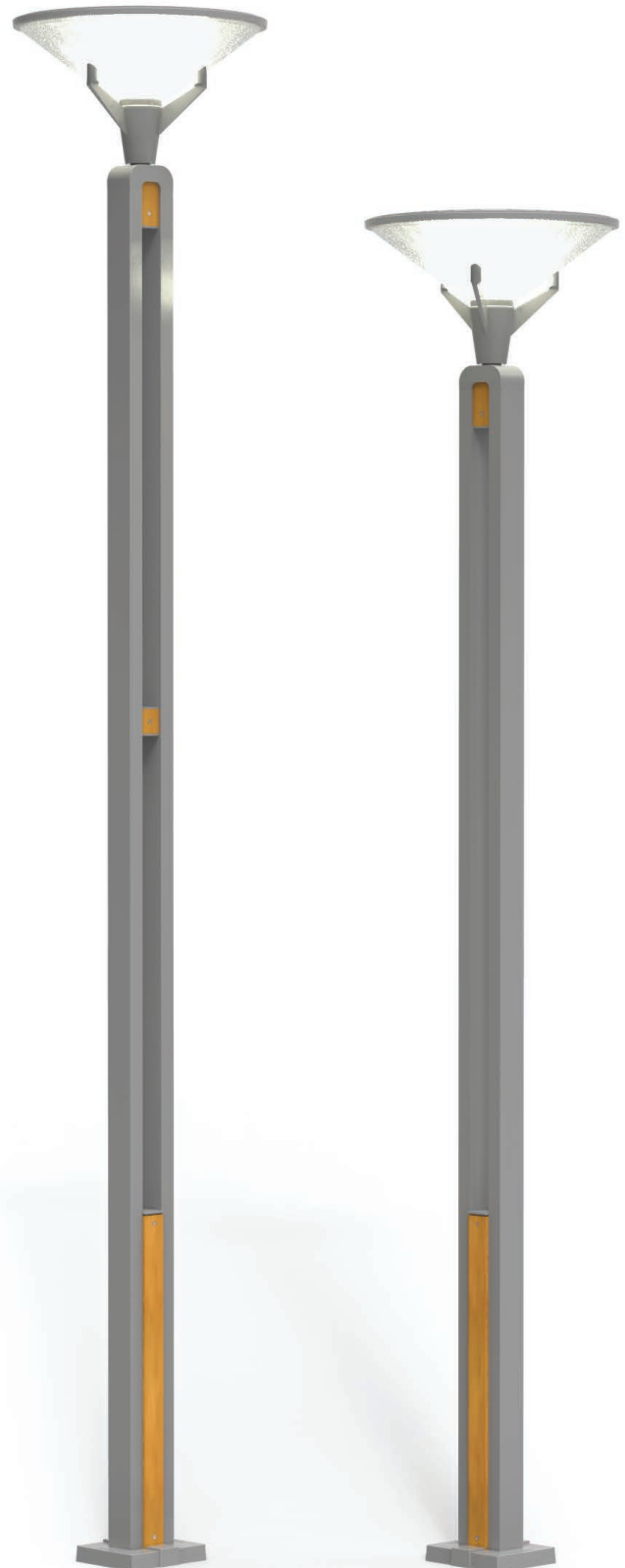
**CONSTRUCTION:** Rectangular extruded 6063-T6 aluminum alloy tube welded to 319SR aluminum alloy base plate and top casting with 6063-T6 aluminum center supports..

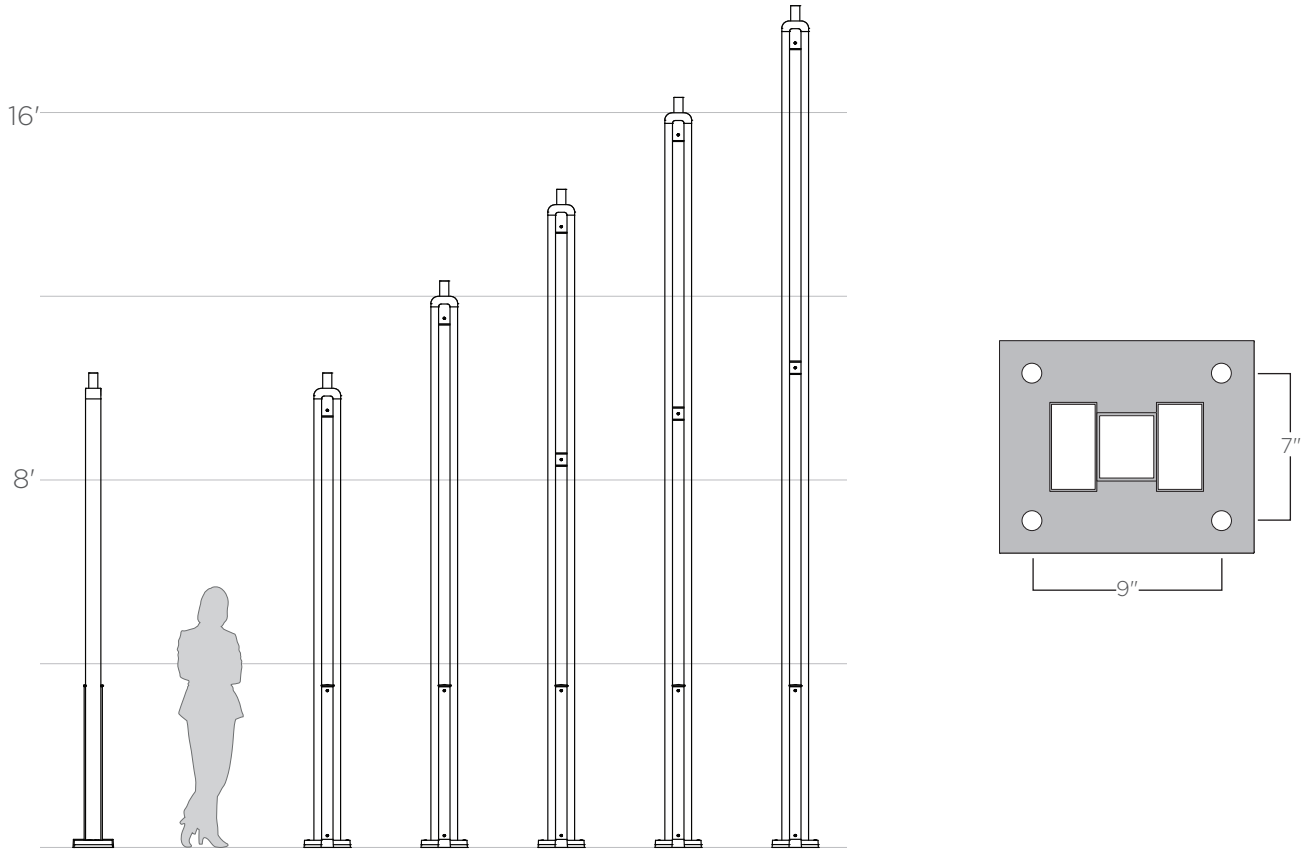
**ELECTRICAL:** A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

**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 per specifications to tenon welded on to top casting. Luminaires and accessories shall be provided by others.





**ORDERING GUIDE:** EXAMPLE: DUO TT-12-CHRTX-125-T2384-P1/S5-BC-STD



<b>1</b>	<b>Series</b>
<b>DUO TT</b>	Duo Tenon Top
<b>2</b>	<b>Pole Height</b>
<b>10</b>	10'
<b>12</b>	12'
<b>14</b>	14'
<b>16</b>	16'
<b>18</b>	18'

<b>3</b>	<b>Pole Finish</b>
<b>C*</b>	See color options on finishes technical sheet
<b>CSM</b>	Custom Color
<b>4</b>	<b>Wall Thickness<sup>(1)</sup></b>
<b>125</b>	0.125" Wall
<b>250</b>	0.25" Wall

<b>5</b>	<b>Fixture Mounting</b>
<b>T2384</b>	2 3/8" x 4" Tenon
<b>T2784</b>	2 7/8" x 4" Tenon
<b>T3124</b>	3 1/2" x 4" Tenon
<b>T4004</b>	4" x 4" Tenon
<b>TXXX</b>	Specify Size

<b>6</b>	<b>Panel Material</b>
<b>P1</b>	Wood (specify wood color) <sup>(2)</sup>
<b>P2</b>	Aluminum (specify paint color) <sup>(2)</sup>
<b>7</b>	<b>Options</b>
<b>BNR</b>	Banner Arms <sup>(3)</sup>
<b>LCT/***</b>	Lit Center Tie <sup>(4)</sup>
<b>GFCI</b>	GFCI Box and Cover

<b>8</b>	<b>Anchor Bolts</b>
<b>BC</b>	Traditional Anchors with Base Cover

<b>9</b>	<b>Special</b>
<b>STD</b>	Standard

1. Wall thickness determines the poles' maximum wind load per a given wind zone. See wind loading tables.  
 2. See color options on finishes technical sheet.  
 3. Consult factory for allowable banner size based upon EPA.  
 4. Specify lit center tie down light color temperature of 3000K (L30), 4000K (L40), or RGBW, example: LCT/RGBW