

Duo 12' - 20' Double Aluminum Upright

STRUCTURA

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.

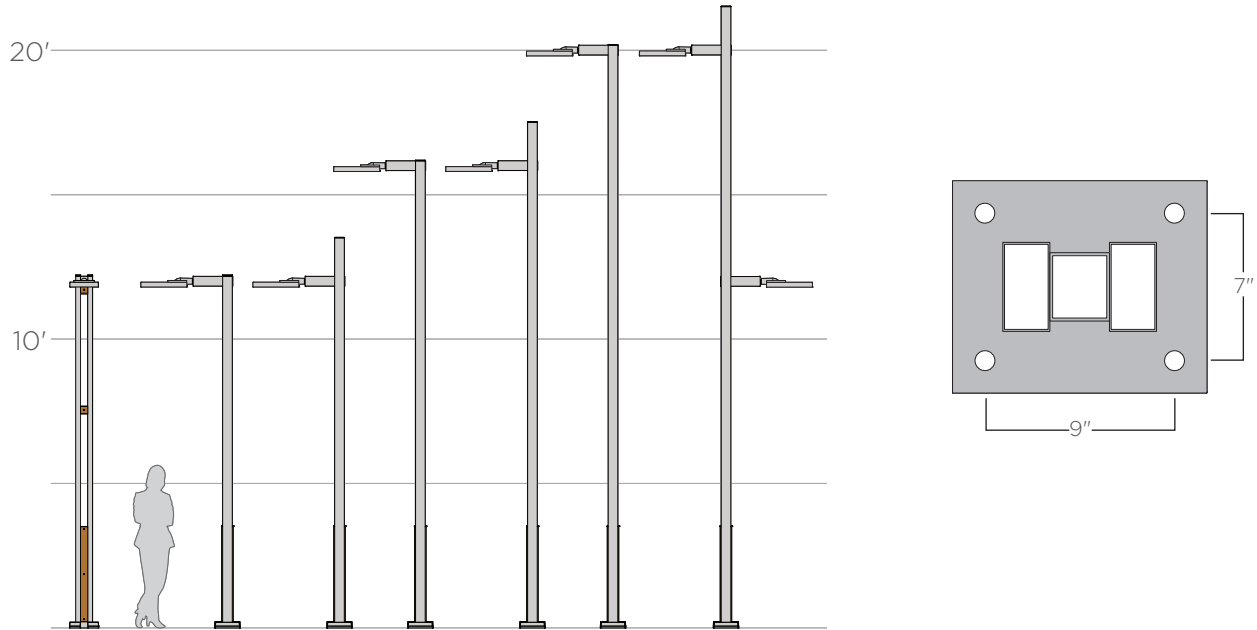
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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⁽¹⁾

- 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⁽²⁾

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

BP *Bolt Plates*
BP12 Flush Mount
 12" Arm

7 B Side Fixture Mounting Height

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

8 Mounting Type⁽²⁾

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

BP *Bolt Plates*
BP12 Flush Mount
 12" Arm

9 Panel Material

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

10 Options

BNR Banner Arms⁽⁴⁾
LCT/*** Lit Center Tie⁽⁵⁾
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. Lit center tie supplied with 120VAC input driver.

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.

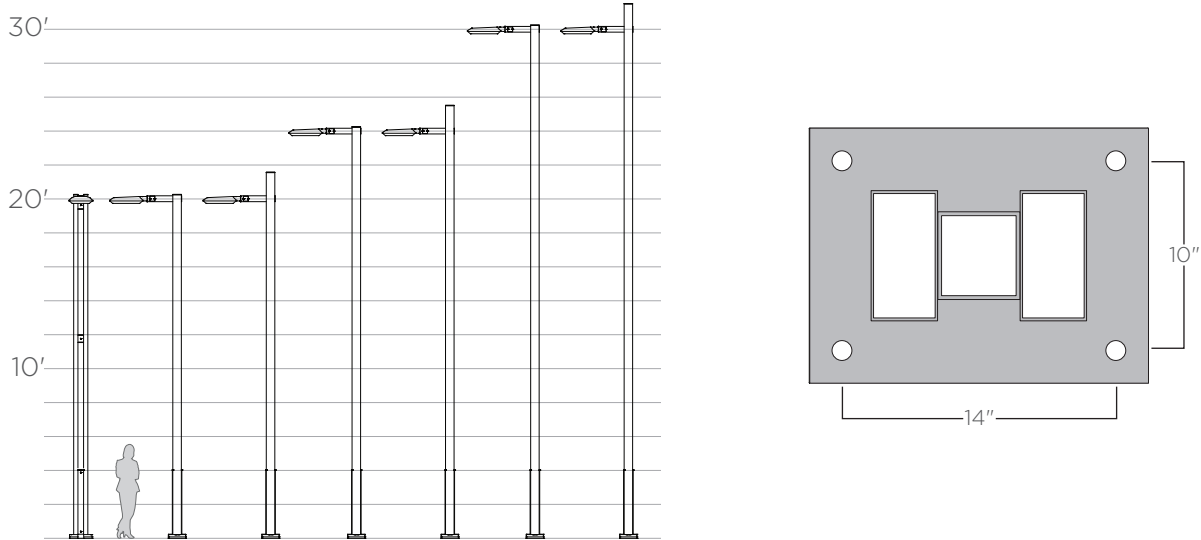
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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



1	Series DUO XL Duo XL	5	A Side Fixture Mounting Height A0 No fixture on this side A20 20' A24 24' A30 30'	8	Mounting Type⁽²⁾ MA 2 3/8" Diameter Mast Arms MA12 Flush Mount 12" Arm BP Bolt Plates BP12 Flush Mount 12" Arm
2	Pole Height 20 21.5 24 25.5 30 31.5	6	Mounting Type⁽²⁾ MA 2 3/8" Diameter Mast Arms MA12 Flush Mount 12" Arm BP Bolt Plates BP12 Flush Mount 12" Arm	9	Panel Material P1/S* Wood (specify wood color) ⁽³⁾ P2/C* Aluminum (specify paint color) ⁽³⁾
3	Pole Finish C* See color options on finishes technical sheet CSM Custom Color	7	B Side Fixture Mounting Height B0 No fixture on this side B20 20' B24 24' B30 30'	10	Options BNR Banner Arms ⁽⁴⁾ LCT/** Lit Center Tie ⁽⁵⁾ GFCI GFCI Box and Cover
4	Wall Thickness⁽¹⁾ 250 0.25" Wall			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. Lit center tie supplied with 120VAC input driver.

Duo TT 10' - 18' Double Aluminum Upright

STRUCTURA

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:

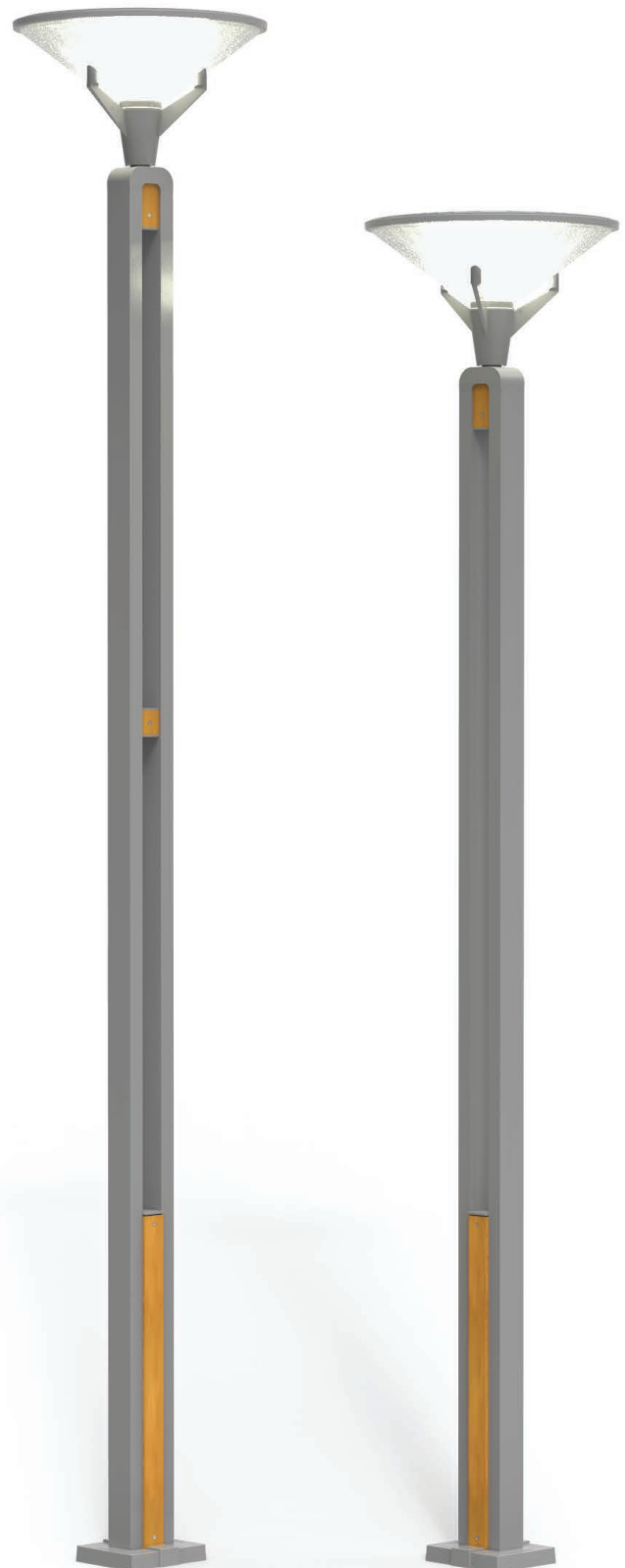
CONSTRUCTION: Rectangular extruded 6063-T6 aluminum alloy tube welded to 319SR aluminum alloy base plate and top casting with 6063-T6 aluminum center supports..

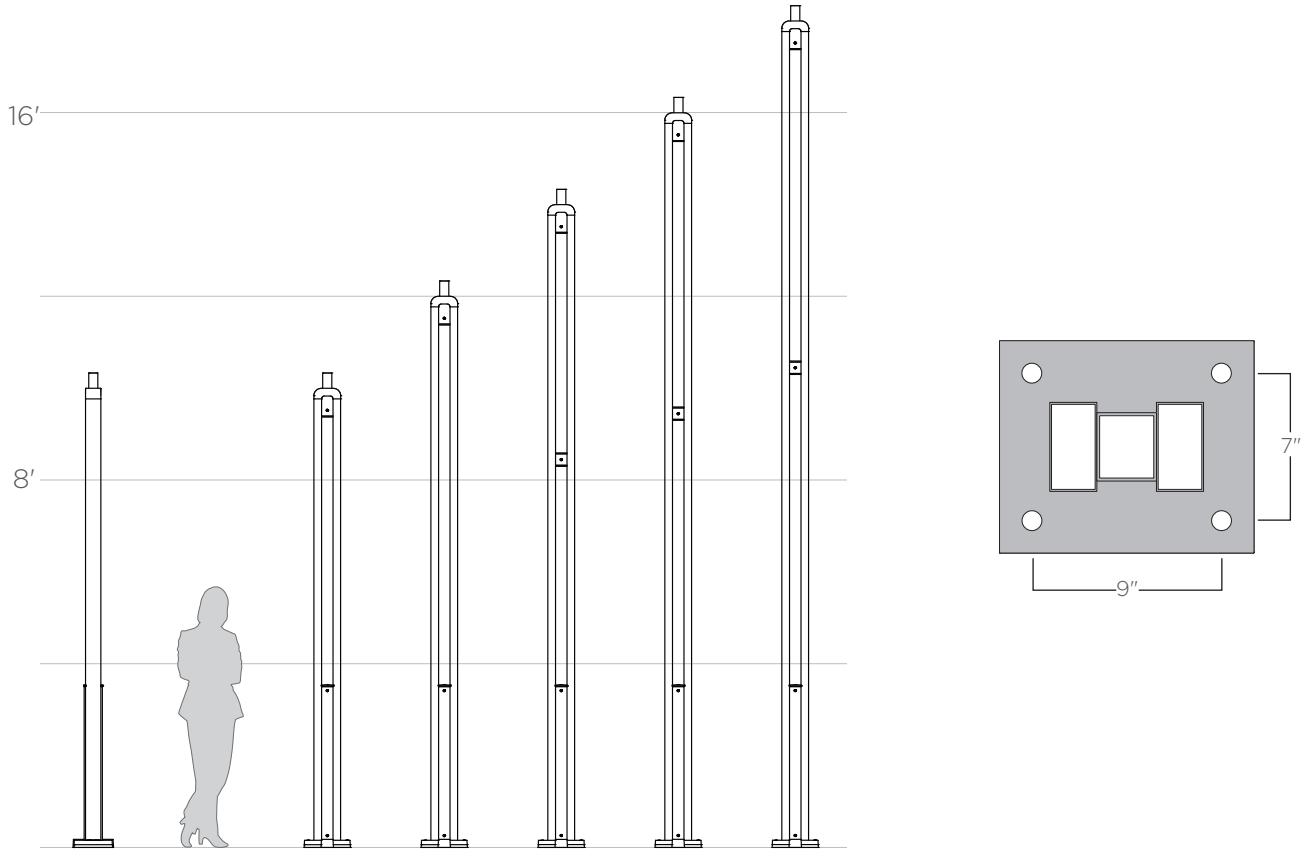
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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



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

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	Fixture Mounting
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 Size

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

8	Anchor Bolts
BC	Traditional Anchors with Base Cover

9	Special
STD	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. Lit center tie supplied with 120VAC input driver.