

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.

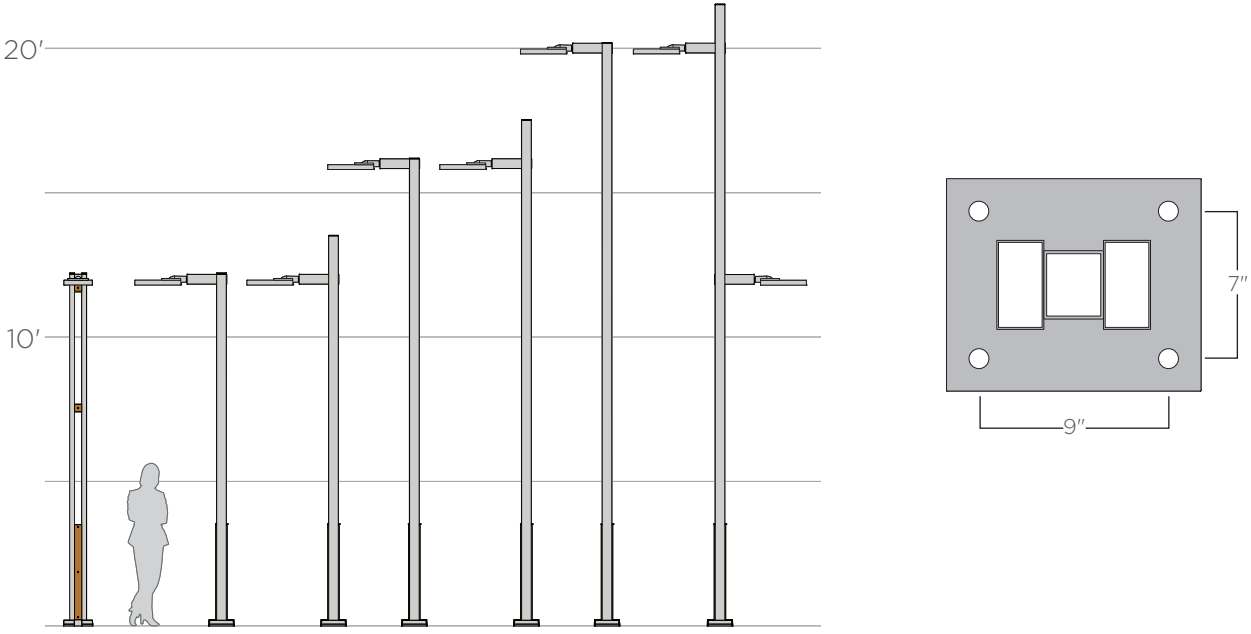
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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



1 DUO	Series Duo	5 AO A12 A16 A20	A Side Fixture Mounting Height No fixture on this side 12' 16' 20'	8 MA MA12	Mounting Type⁽²⁾ 2 3/8" Diameter Mast Arms Flush Mount 12" Arm
2 12 13.5 16 17.5 20 21.5	Pole Height 12' 13.5' 16' 17.5' 20' 21.5'	6 MA MA12	Mounting Type⁽²⁾ 2 3/8" Diameter Mast Arms Flush Mount 12" Arm	9 BP BP12	Bolt Plates Flush Mount 12" Arm
3 C* CSM	Pole Finish See color options on finishes technical sheet Custom Color	7 BO B12 B16 B20	B Side Fixture Mounting Height No fixture on this side 12' 16' 20'	10 P1/S* P2/C*	Panel Material Wood (specify wood color) ⁽³⁾ Aluminum (specify paint color) ⁽³⁾
4 125 250	Wall Thickness⁽¹⁾ 0.125" Wall 0.25" Wall			11 BC	Options Banner Arms ⁽⁴⁾ Lit Center Tie ⁽⁵⁾ GFCI Box and Cover
				12 STD	Anchor Bolts Traditional Anchors with Base Cover
					Special 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

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.

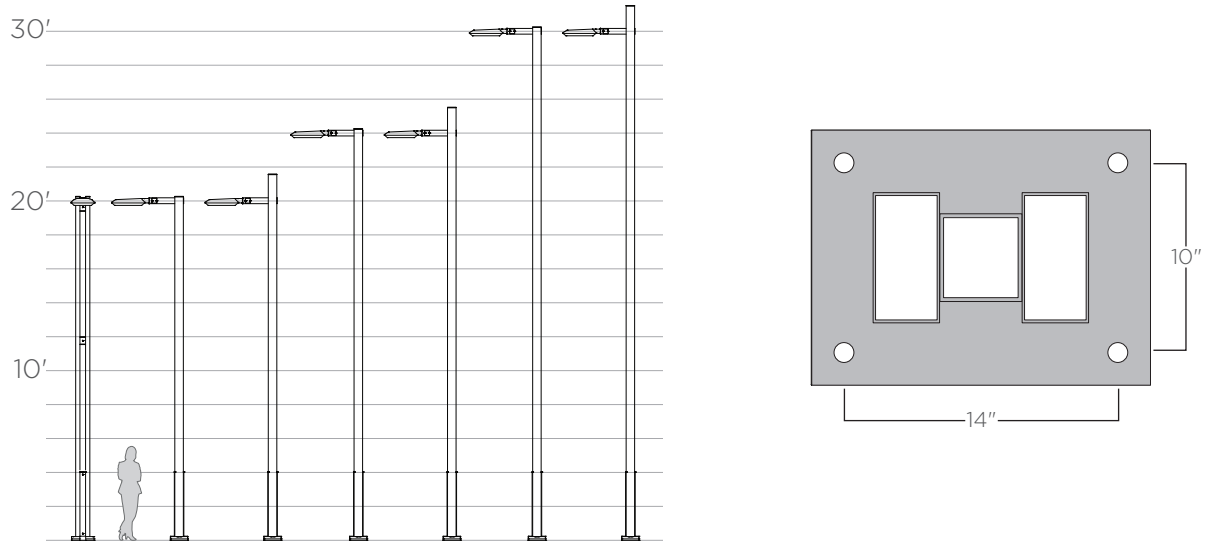
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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	5	A Side	8	Mounting Type⁽²⁾
DUO XL	Duo XL	A0	No fixture on this side	MA	2 3/8" Diameter Mast Arms
2	Pole Height	A20	20'	MA12	Flush Mount
20	20'	A24	24'		12" Arm
21.5	21.5'	A30	30'	BP	Bolt Plates
24	24'			BP12	Flush Mount
25.5	25.5'	6	Mounting Type⁽²⁾		12" Arm
30	30'	MA	2 3/8" Diameter Mast Arms	9	Panel Material
31.5	31.5'	MA12	Flush Mount	P1/S*	Wood (specify wood color) ⁽³⁾
3	Pole Finish		12" Arm	P2/C*	Aluminum (specify paint color) ⁽³⁾
C*	See color options on finishes technical sheet	BP	Bolt Plates	10	Options
CSM	Custom Color	BP12	Flush Mount	BNR	Banner Arms ⁽⁴⁾
4	Wall Thickness⁽¹⁾		12" Arm	LCT/***	Lit Center Tie ⁽⁵⁾
250	0.25" Wall	7	B Side	GFCI	GFCI Box and Cover
		B0	No fixture on this side	11	Anchor Bolts
		B20	20'	BC	Traditional Anchors with Base Cover
		B24	24'	12	Special
		B30	30'	STD	Standard

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 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:

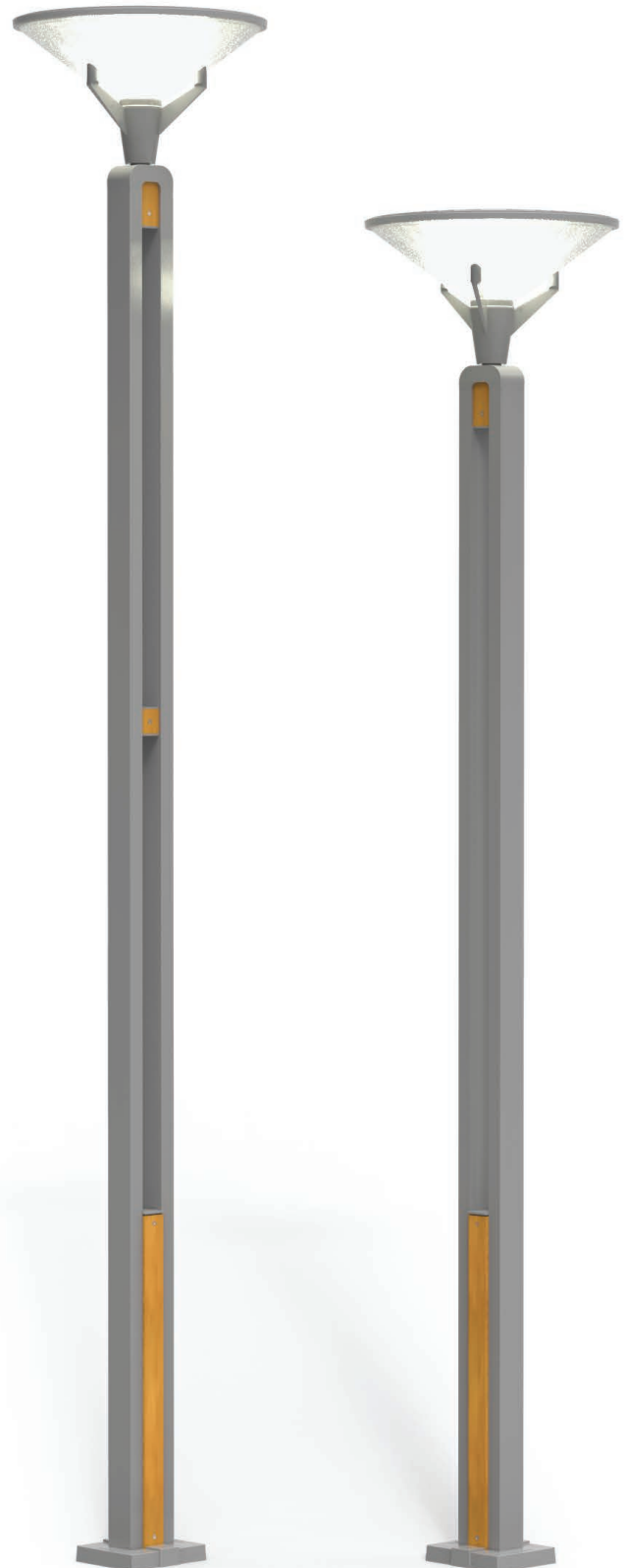
CONSTRUCTION: Rectangular extruded 6063-T6 aluminum alloy tube welded to 319SR aluminum alloy base plate and top casting with 6063-T6 aluminum center supports..

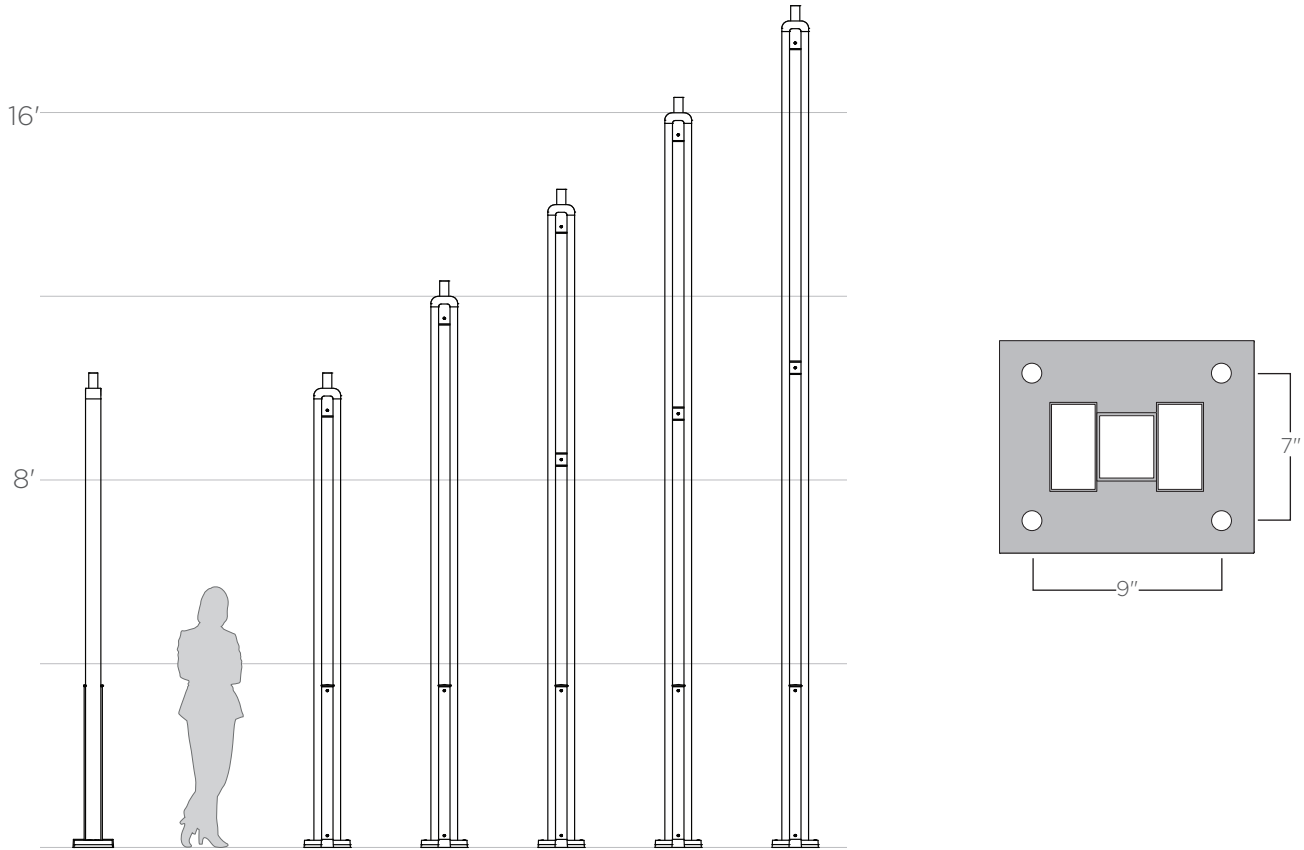
ELECTRICAL: A 5/16" - 18 grounding point is provided on the aluminum pole center support. Wireway access is provided through a NEC compliant handhole hidden behind accent panel.

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-P1/55-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.
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 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.