

# Tandem Ortho Straight Double Upright Pole

STRUCTURA

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

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



Double aluminum extrusion uprights with wood or metal side accent panels and fixture arm for pedestrian and roadway pole.

## FEATURES:

- Roadway or pedestrian pole heights up to 24'
- Available with multiple fixture arm mounting options
- Available with wood, aluminum, or weathering steel side panels

## SPECIFICATIONS:

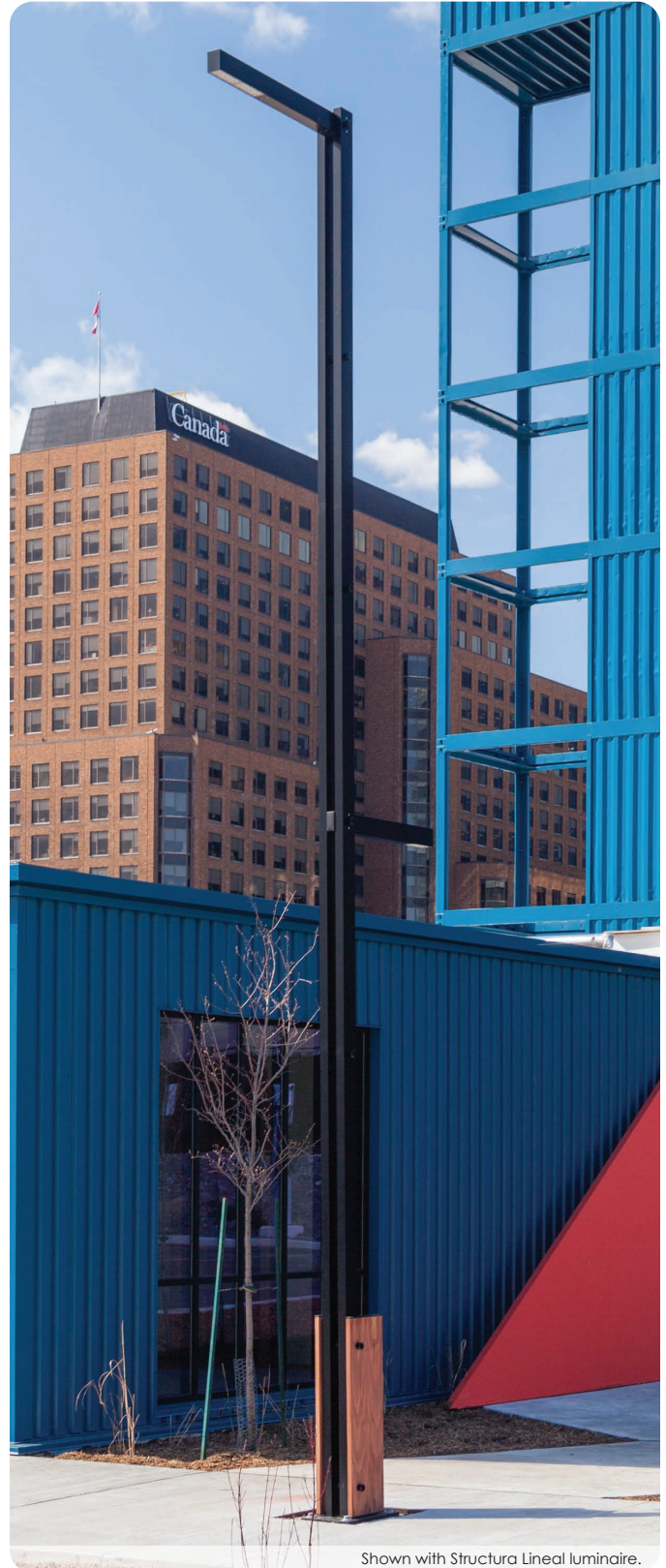
**CONSTRUCTION:** Rectangular extruded 6061-T6 aluminum alloy tube fastened to a square 6061-T6 base support welded to 319SR aluminum alloy baseplate.

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

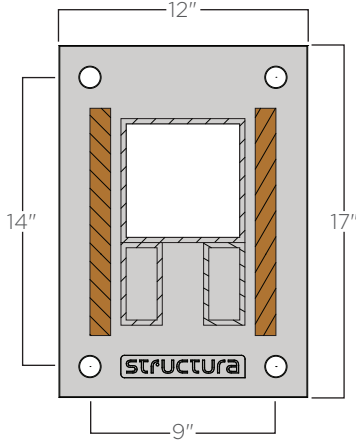
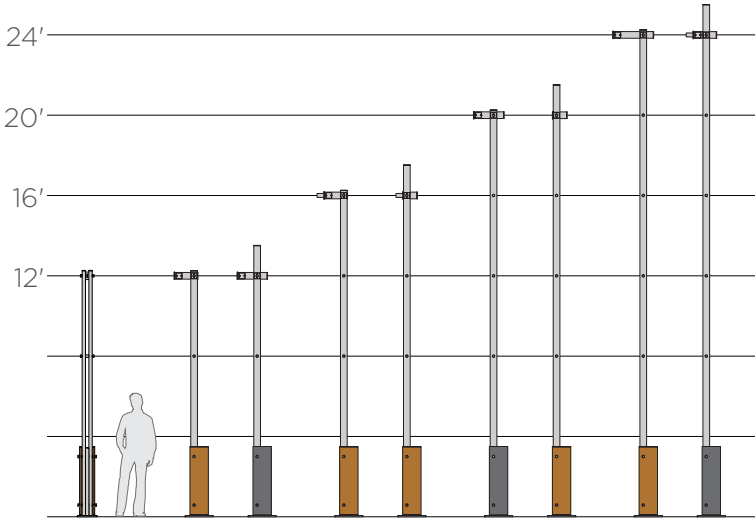
**FINISHES AND MATERIALS:** All exterior aluminum parts are polyester powder coat painted to AAMA-2604 standards. Wood pieces are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. [Care and Maintenance](#)

**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.



Shown with Structura Lineal luminaire.



**ORDERING GUIDE:** EXAMPLE: ORTHO-21.5-C3-125-A20/BP12-B12/BP-P1/S2-BD-STD



<b>1</b>	<b>Series</b>	<b>5</b>	<b>A Side (Front) Fixture Mounting Height</b>	<b>8</b>	<b>Mounting Type<sup>(3)</sup></b>
ORTHO	Tandem Ortho	A0	No fixture on this side	MA	2 3/8" Diameter Mast Arms
<b>2</b>	<b>Pole Height</b>	A12	12'	MAR	Flush Mount
12	12'	A16	16'	MA12	Flush Mount with 6" Rear Extension
13.5	13.5'	A20	20'	MA12R	12" Arm
16	16'	A24	24'	MA12R	12" Arm with 6" Rear Extension
17.5	17.5'	<b>6</b>	<b>Mounting Type<sup>(3)</sup></b>	BP	<b>Bolt Plates</b>
20	20'	MA	2 3/8" Diameter Mast Arms	BPR	Flush Mount
21.5	21.5'	MAR	Flush Mount	BP12	Flush Mount with 6" Rear Extension
24	24'	MA12	Flush Mount with 6" Rear Extension	BP12R	12" Arm
25.5	25.5'	MA12R	12" Arm with 6" Rear Extension	BP12R	12" Arm with 6" Rear Extension
<b>3</b>	<b>Pole Finish</b>	BP	<b>Bolt Plates</b>	<b>9</b>	<b>Panel Material</b>
C*	See color options on finishes technical sheet	BPR	Flush Mount	P1/S*	Wood (specify wood color) <sup>(4)</sup>
CSM	Custom Color <sup>(1)</sup>	BP12	Flush Mount with 6" Rear Extension	P2/C*	Aluminum (specify paint color) <sup>(4)</sup>
<b>4</b>	<b>Wall Thickness<sup>(2)</sup></b>	BP12R	12" Arm	WS	Weathering Steel
125	0.125" Wall	<b>7</b>	12" Arm with 6" Rear Extension	<b>10</b>	<b>Options</b>
250	0.25" Wall	B0	<b>B Side (Back) Fixture Mounting Height</b>	BNR	Banner Arms <sup>(5)</sup>
		B12	No fixture on this side	GFCI	GFCI Box and Cover
		B16	12'	<b>11</b>	<b>Anchor Bolts</b>
		B20	16'	BD	Bolt Down Anchors (recommended)
		B24	20'	CN	Traditional Anchors with Cap Nuts
			24'	<b>12</b>	<b>Special</b>
				STD	Standard

1. Consult factory on custom colors  
 2. Wall thickness determines the pole's maximum wind load per a given wind zone. See wind loading tables.  
 3. Leave this section blank if no fixture is on this side.  
 4. See color options on finishes technical sheet.  
 5. Consult factory for allowable banner size based upon EPA.