

# Toka 12' - 30' Square Steel Pole

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

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



Shown with Structura Lineal luminaire.

Steel square tube upright with wood or metal accent panels for pedestrian or roadway fixtures and catenary mounting.

## FEATURES:

- Available as a straight or tilted upright
- High allowable EPA
- Optional LED strip along front of the pole

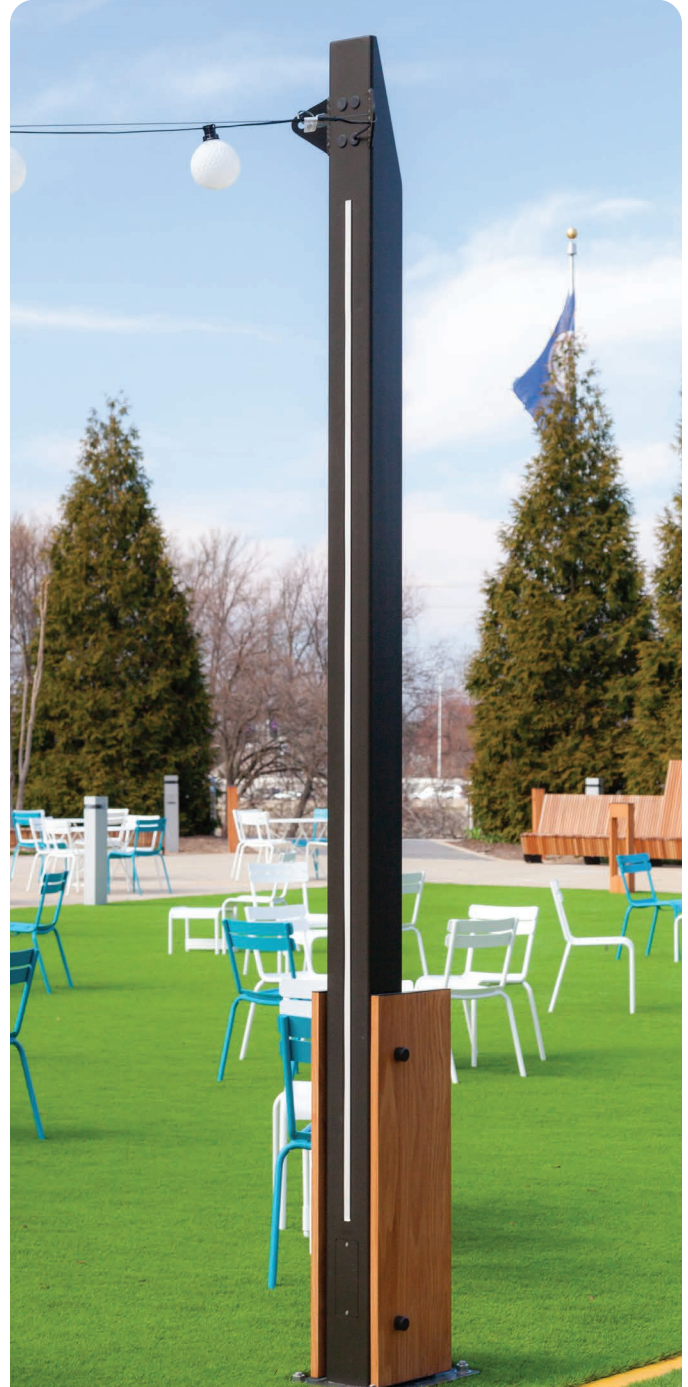
## SPECIFICATIONS:

**CONSTRUCTION:** Formed A500 square steel tube welded to an A36 steel baseplate. Wood panel is assembled through glulam construction and precision machined using CNC technology. Adhesive complies with ASTM D-2559 glulam construction specifications for extreme exposed weather conditions, is waterproof and rated for wet or dry use exposure.

**ELECTRICAL:** Wireway access is provided through a NEC compliant handhole on front of pole upright with a 5/16"-8 grounding point behind handhole. Powered by a 90-305VAC primary/24VDC secondary integral power supply. System is 0-10V dimmable. Constructed with a US and Canada UL listed luminaire. Operating temperature of -25°F to 42°F.

**OPTICAL SYSTEM:** Available in 2700K, 3000K, 3500K, 4000K color temperatures with smooth, dot free illumination. Consult factory for other lumen outputs.

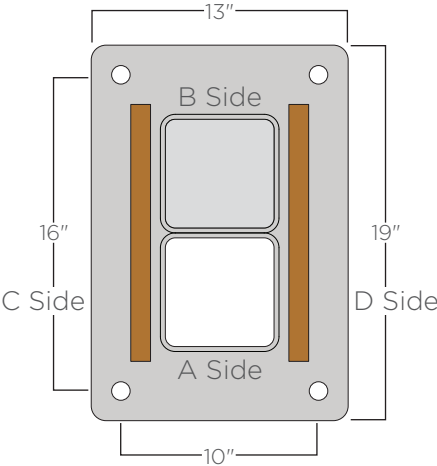
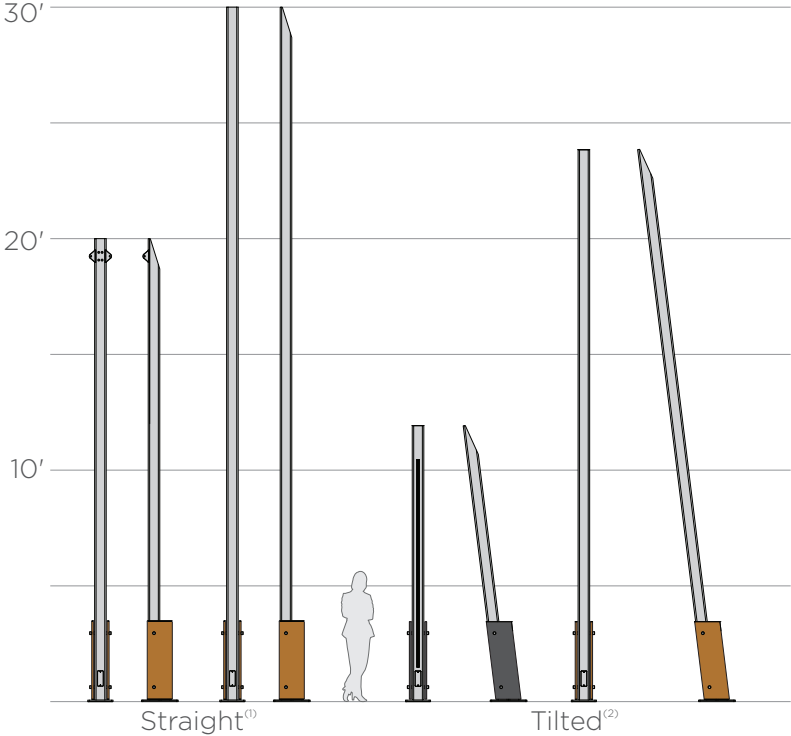
**FINISHES AND MATERIALS:** All steel and aluminum parts are polyester powder coat painted. Wood panels are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. [Care and Maintenance](#)



Shown with LED strip and catenary options.

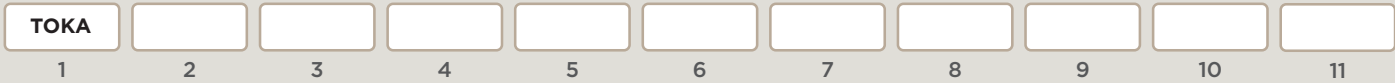
**HARDWARE:** All fasteners and hardware are stainless steel. Anchor bolt kits are ASTM F1554 grade 55 steel with galvanized steel hex nuts and washers.

**FIXTURE MOUNTING:** Fixtures mount to pole from bolt pattern, horizontal mast arm, or custom arm.



Size	Pole Weight
6"	110lbs + 19lbs/ft

**ORDERING GUIDE:** EXAMPLE: TOKA-S-20-C5-A18-B12-S5-CAT-STD



<b>1</b> <b>TOKA</b>	<b>Series</b> Toka	<b>5</b> <b>BLANK</b> <b>A12</b> <b>A30</b> <b>A**</b>	<b>A Side</b> <b>Fixture Mounting Height</b> No fixture on this side 12' 30' Specify	<b>8</b> <b>BLANK</b> <b>D**</b>	<b>D Side</b> <b>Fixture Mounting Height</b> No fixture on this side Specify
<b>2</b> <b>S</b> <b>T</b>	<b>Pole Angle</b> Straight Tilted	<b>6</b> <b>BLANK</b> <b>B**</b>	<b>B Side</b> <b>Fixture Mounting Height</b> No fixture on this side Specify	<b>9</b> <b>P1/S*</b> <b>P2/C*</b> <b>WS</b>	<b>Panel Material</b> Wood (specify wood color) <sup>(3)</sup> Aluminum (specify paint color) <sup>(3)</sup> Weathering Steel
<b>3</b> <b>12</b> <b>30</b> <b>**</b>	<b>Pole Height</b> 12' 30' Specify	<b>7</b> <b>BLANK</b> <b>C**</b>	<b>C Side</b> <b>Fixture Mounting</b> No fixture on this side Specify	<b>10</b> <b>CAT</b> <b>LED</b> <b>BNR</b> <b>GFCI</b>	<b>Options</b> Catenary <sup>(4)</sup> LED Strip <sup>(5)</sup> Banner Arms <sup>(6)</sup> GFCI Box
<b>4</b> <b>C*</b> <b>CSM</b>	<b>Pole Finish</b> See color options on finishes technical sheet Custom Color			<b>11</b> <b>STD</b> <b>MOD</b>	<b>Special</b> Standard Modified

1. Twenty-foot straight pole shown with two padeyes for catenary mounting option.  
 2. Twelve-foot tilted pole shown with LED strip option with aluminum side panels.  
 3. See color options on finishes technical sheet.  
 4. Consult factory for catenary loading.  
 5. LED specification on page 78. LED strip lowers maximum allowable EPA.  
 6. Consult factory for banner size based upon allowable EPA.

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Pole Height <sup>(1)</sup>	Standard Output		Medium Output		High Output	
	Lumens <sup>(2)</sup>	Watts	Lumens <sup>(2)</sup>	Watts	Lumens <sup>(2)</sup>	Watts
12'	972	14	1782	27	2646	45
14'	1188	17	2178	33	3234	55
16'	1404	20	2574	39	3822	65
18'	1620	23	2970	45	4410	75
20'	1836	26	3366	51	4998	85
22'	2052	29	3762	57	5586	95
24'	2268	32	4158	63	6174	105
26'	2484	35	4554	69	6762	115
28'	2700	38	4950	75	7350	125
30'	2916	41	5346	81	7938	135

## ORDERING GUIDE: EXAMPLE: LED-L30SO-UNV



<b>1</b>	<b>Toka Option</b>	<b>3</b>	<b>Light Source<sup>(4)</sup></b>
<b>LED</b>	LED Strip	<b>SO</b>	Standard Output
<b>2</b>	<b>Light Color</b>	<b>MO</b>	Mid Output
<b>L27</b>	2700K	<b>HO</b>	High Output
<b>L30</b>	3000K	<b>4</b>	<b>Voltage</b>
<b>L35</b>	3500K	<b>UNV</b>	120-277VAC
<b>L40</b>	4000K		
<b>AMB</b>	Amber		
<b>RED</b>	Red		
<b>GRN</b>	Green		
<b>BLU</b>	Blue		
<b>RGB</b>	Color Changing <sup>(3)</sup>		
<b>RGBW</b>	Color Changing with White <sup>(3)</sup>		

1. Standard LED strip length is 3' shorter than overall pole height.  
 2. Lumen output based upon 3000K CCT.  
 3. Consult factory for RGB color control options  
 4. Leave output section blank for non-white color temperatures.