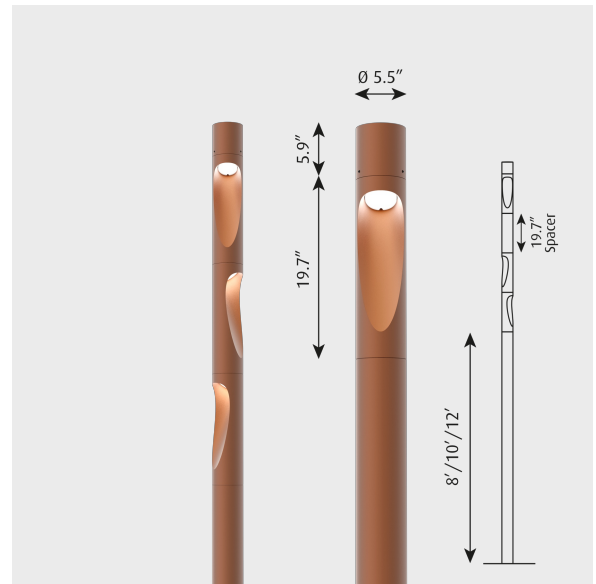


FLINDT PLAZA

Project name:

Project type:

Notes:



Design

Christian Flindt

Product description

The fixture emits a downward directed light. The light source is hidden at the top, inside the asymmetric carving on the side of the post top where the gradient serves as a reflector that softens the light and forms an attractive organic shape. To enhance the flexibility in the lighting design, the light units have two beam angle options, with reflectors vertically adjustable by plus/minus 5° and the sections rotate 359° horizontally, allowing for more varied light distribution. Optional honeycomb louver accessory for reducing glare is available. This modular product is designed for stacking light sections or a combination of light sections and spacer sections. A maximum of five elements may be stacked on a 12 foot pole. Standard CCT in 2700K, 3000K, or 4000K, controlled by electronic dimmable driver housed within the light section. Sensor ready variants include an ANSI 136.41 7-pole socket for use with a variety of available control modules. Part of a family.

Variant options

Dimension	Color	Light source	Lumen	Voltage frequency	Distribution/Trim	Pole type	Lighting control
-	<ul style="list-style-type: none"> ● Corten color ● Natural paint aluminum 	-	-	-	-	-	-
10 FT		LED 2700K	2174	120-277V/60HZ	15°	POST W/BASE PLATE	Dim 0-10v
12 FT		LED 3000K	2255		15° W/HONEYCOMB		
8 FT		LED 4000K	2267		35°		
			2326		35° W/HONEYCOMB		
			2351				
			2413				
			2838				
			2841				
			2850				
			2872				
			2938				
			2958				
			2962				
			2971				
			2994				
			3035				
			3039				
			3048				
			3063				
			3071				
			3142				

Light description

The luminaire provides asymmetrical and functional illumination. The design of the cut-out creates a reflector part which is gradually illuminated to emphasize the depth in the luminaire. Each light section houses a single C.O.B. style LED with a beam forming reflector in 15° or 35°. Light engine is aimed 30° vertically with +/-5° adjustability. Light section rotates 359°. Glare reducing honeycomb louver accessory is available. Standard CCT in 2700K, 3000K or 4000K, controlled by electronic dimmable driver.

Mounting

Mounts onto 5.5" diameter Flindt Plaza pole. Pole mounts to a concrete base with 4 anchor bolts on a bolt circle of 9.5" diameter. Installation: Refer to mounting instruction download for installation details. **STACKING DETAILS:** Light sections and spacers are 19.7" tall. Each element fits onto the lower item's tenon and secured with (2) horizontal set screws. Each element has integral connectors for simple installation. A Flindt Plaza cable and top cap must be ordered for each pole.

Information

Five element stack on 12 FT pole meets AASHTO 2013 150 mph wind zone standard. Glare reducing honeycomb louver add-on accessory is available. Available with NEMA 136.41 controls for Smart City compatibility.

Electrical (for single light section):

System Wattage: 37W

LED Wattage: 35W

Delivered lumens: 1,828 - 3,333 lm

Efficacy: 49 - 90 lm/W

Certifications:

cULus, Wet location.

Protection class: IP65

IK class: 10

BUG Ratings: B0-U1-G0, B0-U2-G0, B0-U3-G1. Ratings are affected by vertical angle.

Controllability: Dimming 0-10V or NEMA / ANSI 136.41 Twist-lock socket Min.-Max. Ambient temp.: -

40°C to +70°C

Color rendering: Ra ≥ 80.

Wind load: 1.0 sq. ft. per light section.

Other functions

LED available with CCT of 5000K. Amber LED available for sea turtle nesting areas. Surge protector with 10,000 Amp current rating. Custom finishes. Custom pole heights. Alternative dimming controls, including wireless systems.

Specification notes

- a. Maximum 5 elements in a combination of light sections and optional spacer section.
- b. Spacers must be mounted underneath at least 1 light section.
- c. Allowable spacer combinations: 1 light section with 0 or 1 spacer; 2 light sections with 0, 1, or 2 spacers; 3 light sections with 0 or 1 spacer, 4 light sections with no spacers.

Material

Top, light sections and spacer sections: Die-cast aluminum. Pole: Extruded aluminum 0.19" thick. Lens: Injection molded U. V. stabilized clear polycarbonate. Internal heatsink: Cast aluminum. Gaskets: Silicone. Hardware: Stainless steel. Anchor bolts: Hot-dipped galvanized steel anchor bolts 3/4" dia. x 24". Standard finish are matte, textured surface powder coat with minimum 2 mils thickness in corten color or natural painted aluminum.

Weight

Min: 0.157 lbs Max: 9.835 lbs

Dimensions

10 FT, 12 FT, 8 FT






































Finish

Corten color, Natural paint aluminum











Voltage

120-277V/60HZ

Variant options

Dimension	Color	Light source	Lumen	Voltage frequency	Distribution/Trim	Pole type	Lighting control	Variant number
-	 Corten color	LED 2700K	2872	120-277V/60HZ	15°	-	Dim 0-10v	5747925977
-	 Corten color	LED 3000K	2994	120-277V/60HZ	15°	-	Dim 0-10v	5747925980
-	 Corten color	LED 4000K	3071	120-277V/60HZ	15°	-	Dim 0-10v	5747925993
-	 Corten color	LED 2700K	2838	120-277V/60HZ	35°	-	Dim 0-10v	5747926002
-	 Corten color	LED 3000K	2958	120-277V/60HZ	35°	-	Dim 0-10v	5747926015
-	 Corten color	LED 4000K	3035	120-277V/60HZ	35°	-	Dim 0-10v	5747926028
-	 Natural paint aluminum	LED 2700K	2938	120-277V/60HZ	15°	-	Dim 0-10v	5747926031
-	 Natural paint aluminum	LED 3000K	3063	120-277V/60HZ	15°	-	Dim 0-10v	5747926044
-	 Natural paint aluminum	LED 4000K	3142	120-277V/60HZ	15°	-	Dim 0-10v	5747926057
-	 Natural paint aluminum	LED 2700K	2850	120-277V/60HZ	35°	-	Dim 0-10v	5747926060
-	 Natural paint aluminum	LED 3000K	2971	120-277V/60HZ	35°	-	Dim 0-10v	5747926073
-	 Natural paint aluminum	LED 4000K	3048	120-277V/60HZ	35°	-	Dim 0-10v	5747926086
-	 Corten color	-	-	-	-	-	-	5747926594
-	 Natural paint aluminum	-	-	-	-	-	-	5747926604
-	 Corten color	-	-	-	-	-	-	5747926620
8 FT	 Natural paint aluminum	-	-	-	-	POST W/BASE PLATE	-	10000155459
10 FT	 Natural paint aluminum	-	-	-	-	POST W/BASE PLATE	-	10000155460
12 FT	 Natural paint aluminum	-	-	-	-	POST W/BASE PLATE	-	10000155461
8 FT	 Corten color	-	-	-	-	POST W/BASE PLATE	-	10000155462
10 FT	 Corten color	-	-	-	-	POST W/BASE PLATE	-	10000155463
12 FT	 Corten color	-	-	-	-	POST W/BASE PLATE	-	10000155464
-	 Corten color	-	-	-	-	-	-	5747404207
-	 Natural paint aluminum	-	-	-	-	-	-	5747404210
-	 Natural paint aluminum	LED 2700K	2255	120-277V/60HZ	15° W/HONEYCOMB	-	Dim 0-10v	5747916753
-	 Natural paint aluminum	LED 3000K	2351	120-277V/60HZ	15° W/HONEYCOMB	-	Dim 0-10v	5747916766
-	 Natural paint aluminum	LED 4000K	2413	120-277V/60HZ	15° W/HONEYCOMB	-	Dim 0-10v	5747916779
-	 Natural paint aluminum	LED 2700K	2174	120-277V/60HZ	35° W/HONEYCOMB	-	Dim 0-10v	5747916782
-	 Natural paint aluminum	LED 3000K	2267	120-277V/60HZ	35° W/HONEYCOMB	-	Dim 0-10v	5747916795
-	 Natural paint aluminum	LED 4000K	2326	120-277V/60HZ	35° W/HONEYCOMB	-	Dim 0-10v	5747916805
-	 Corten color	LED 2700K	-	120-277V/60HZ	15° W/HONEYCOMB	-	Dim 0-10v	5747929449
-	 Corten color	LED 2700K	-	-	35° W/HONEYCOMB	-	Dim 0-10v	5747929452
-	 Corten color	LED 3000K	-	-	15° W/HONEYCOMB	-	Dim 0-10v	5747929465
-	 Corten color	LED 3000K	-	120-277V/60HZ	35° W/HONEYCOMB	-	Dim 0-10v	5747929478
-	 Corten color	LED 4000K	-	-	15° W/HONEYCOMB	-	Dim 0-10v	5747929481
-	 Corten color	LED 4000K	-	-	35° W/HONEYCOMB	-	Dim 0-10v	5747929494
-	 Natural paint aluminum	LED 2700K	2841	120-277V/60HZ	-	-	Dim 0-10v	5747931783
-	 Corten color	LED 2700K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931796

Specification sheet

Dimension	Color	Light source	Lumen	Voltage frequency	Distribution/Trim	Pole type	Lighting control	Variant number
-	 Natural paint aluminum	LED 3000K	2962	120-277V/60HZ	-	-	Dim 0-10v	5747931806
-	 Corten color	LED 3000K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931819
-	 Natural paint aluminum	LED 4000K	3039	120-277V/60HZ	-	-	Dim 0-10v	5747931822
-	 Corten color	LED 4000K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931835
-	 Natural paint aluminum	LED 2700K	2841	120-277V/60HZ	-	-	Dim 0-10v	5747931848
-	 Corten color	LED 2700K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931851
-	 Natural paint aluminum	LED 3000K	2962	120-277V/60HZ	-	-	Dim 0-10v	5747931864
-	 Corten color	LED 3000K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931877
-	 Natural paint aluminum	LED 4000K	3039	120-277V/60HZ	-	-	Dim 0-10v	5747931880
-	 Corten color	LED 4000K	-	120-277V/60HZ	-	-	Dim 0-10v	5747931893