



VOKSLYTE™

Merging the art of metal and the science of light

TANGENT-UpDown™

Custom Contoured Uplight Downlight Channel System



Luminaire: Tangent Up Down Custom Pendants

Project: Guildford Town Center Mall • Vancouver, BC

Design: Musson Cattell Mackey Partnership • Pivotal Lighting Design

Tangent UpDown™ customizable lighting contours from VoksLyte™ are available in an almost infinite variety of shapes and sizes. These stunning sculptural luminaires can be furnished as large hanging pendants or smaller discreet luminaires. The only limitations are the breadth of the designer's creative imagination.

The 2-inch wide by 6.75-inch tall luminaires are extremely well designed. They sturdily and easily link together to form seamless circular, curved, elliptical, free-form or straight illuminated architectural forms. Light engine options are either standard output or high-output 50,000-hour LED in four high-efficacy Kelvin temperatures from 2700°K to 4000°K.



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LED Uplight Downlight luminaire

- High quality heavy aluminum construction
- Integral phase-dimmable electronic drivers
- Uplight and downlight LEDs are independently controllable
- Long-life tightly-binned Cree® diodes
- High light transmission translucent acrylic lens
- May be suspended as a pendant or wall-mounted
- An infinite variety of circular, elliptical, racetrack, straight, square, rectilinear or free form shapes
- Sections join together seamlessly to form almost any flowing organic or geometric shape
- Custom hanging or wall-mounted luminaires to exact dimensions and curvatures
- Extremely accurate tolerances
- 50,000 hour LED life
- Available in a variety of powder-coat colors
- Contractor-friendly replaceable LED boards and drivers
- Made in the USA

Dimensional Information

The tangent system is composed of segments which seamlessly join together. A multi-section luminaire has no maximum length.

However, the maximum length of each section is: 84 inches.
Minimum arc length or straight length: 16 inches
Minimum radius: 18 inches

Electrical Information

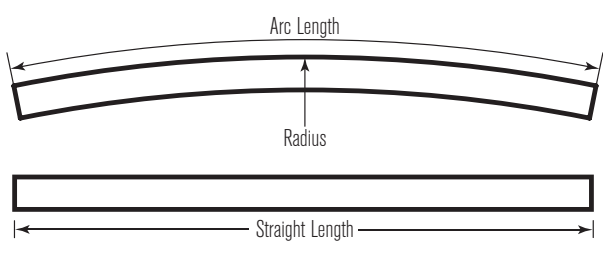
Input voltage: 120
Standard Output Watts Per Foot (includes uplight and downlight): 12
High Output Watts Per Foot (includes uplight and downlight): 24
Drivers: Integral
Dimming: Down to 10%

Driver Choices

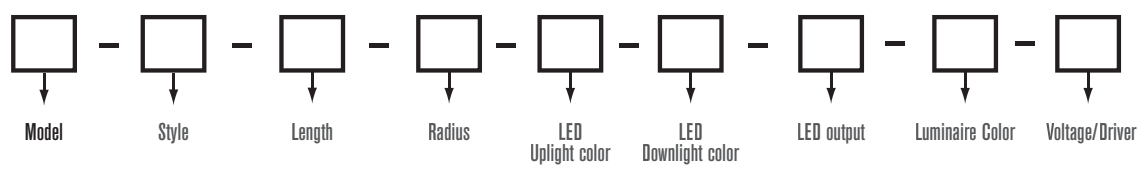
120 volt phase dimmable
(Please contact the factory for different primary voltages)

White LED Kelvin Temperatures (lumen values are for each uplight and downlight)

| Cat. No. | Description | Standard Output | | High Output | |
|----------|-----------------------|-----------------|----------------|-------------|----------------|
| | | Lumens/ft | Efficacy | Lumens/ft | Efficacy |
| 27K | Incandescent - 2700°K | 393 | 66 lumens/watt | 705 | 59 lumens/watt |
| 30K | Warm white - 3000°K | 485 | 85 lumens/watt | 868 | 72 lumens/watt |
| 35K | Soft white - 3500°K | 514 | 86 lumens/watt | 919 | 77 lumens/watt |
| 40K | Cool white - 4200°K | 548 | 91 lumens/watt | 982 | 82 lumens/watt |



ORDERING INFORMATION



| | | | | | | | | |
|--|--|--|--|---|--|--|---|--------------------------------------|
| TANUDED (Tangent UpDown LED) | PC - Pendant cable mount PS - Pendant stem mount W - Wall Mount | Length in feet and inches. Please round up to the nearest whole inch | Radius in inches (round up to the nearest inch) If luminaire is to be straight, please use a 0 in this box | Please refer to the white LED Kelvin temperatures chart | Please see white LED Kelvin temperatures chart | SO - Standard output HO - High output | W - Gloss white B - Gloss black C - Custom | 120 - 120 volt phase dimmable |
|--|--|--|--|---|--|--|---|--------------------------------------|

Specifications are subject to change at manufacturer's discretion.

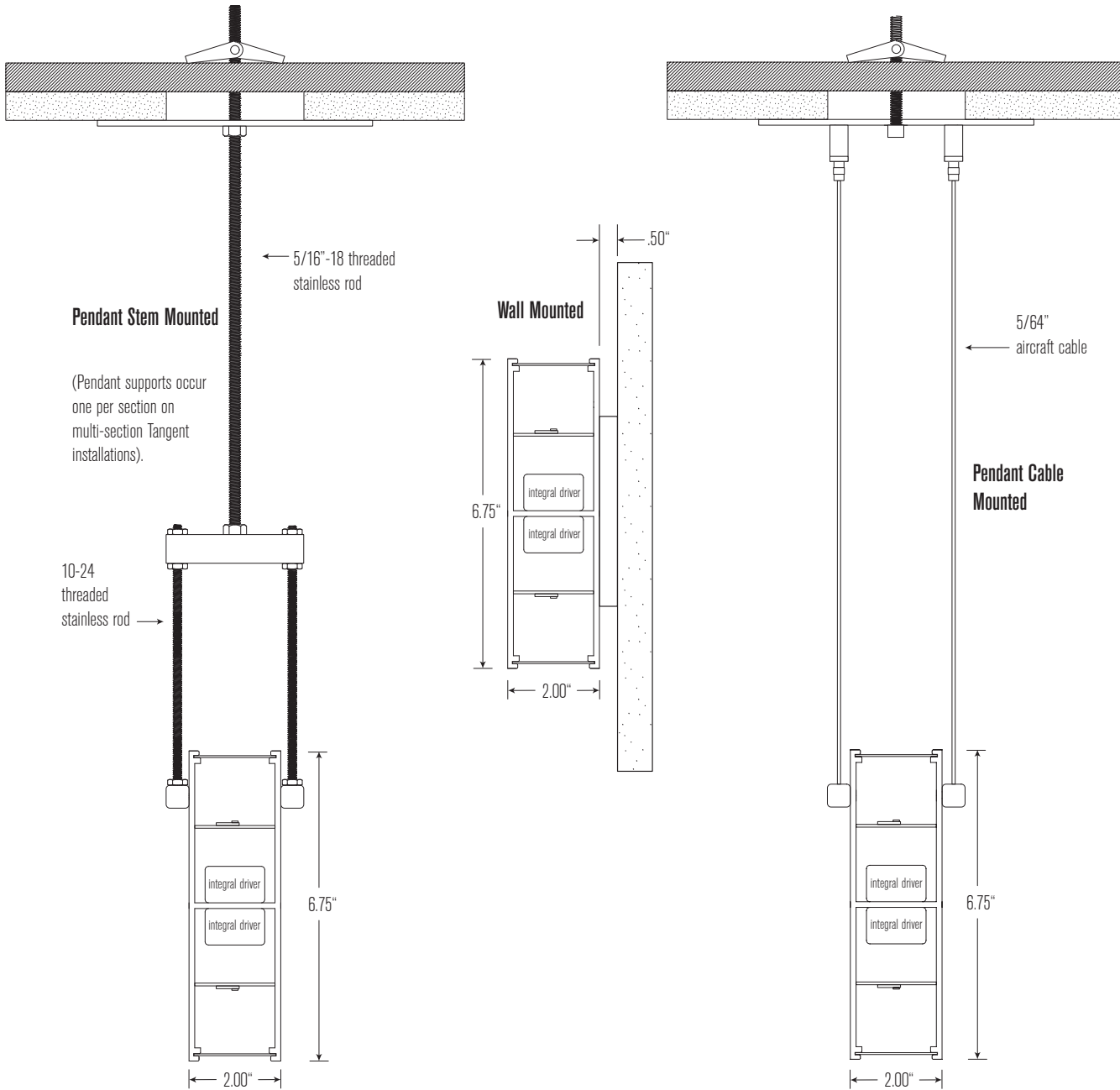


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Specifications

Luminaire - Extruded aluminum in baked powder coated finish as specified. Fabricated to curvatures and/or lengths specified

LED Light Engine - CREE® 2700°K, 3000°K, 3500°K or 4000°K

Driver - Constant current class 2 UL-recognized, phase dimmable dimmable, sound rated A - Complies with FCC 47 CFR Part 15

Lens - High light transmission translucent acrylic



Luminaire: Tangent UpDown Pendant Stem-Mounted