

## Specify **B2RO**

PRODUCT

LED COLOR

Warm White

27 -2700°K

30 -3000°K

35 -3500°K

40 -4000°K\*

Cool White

45 -4500°K\*

50 -5000°K\*

\*special order color

COATING

U -Uncoated

C -Conformally Coated

LENS

6 -60 Degree

3 -30 Degree

2 -15 Degree

CONNECTION

D-Dead End

E-End to End

**C**

FINISH

C -Black\*

\*Standard black finish only

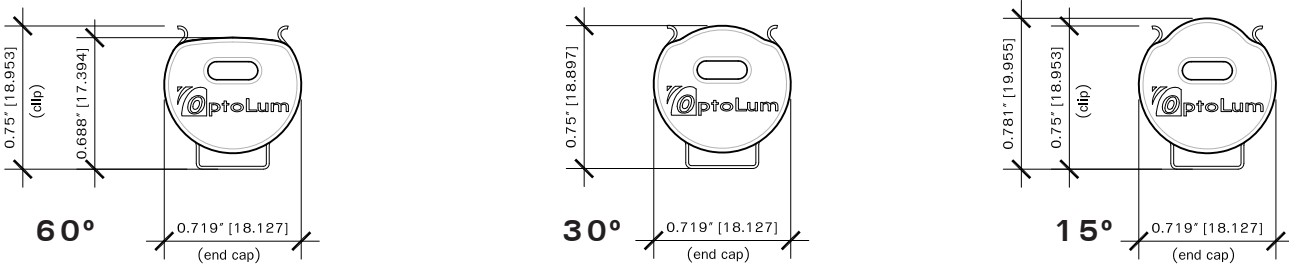
LENGTH

3" Multiples

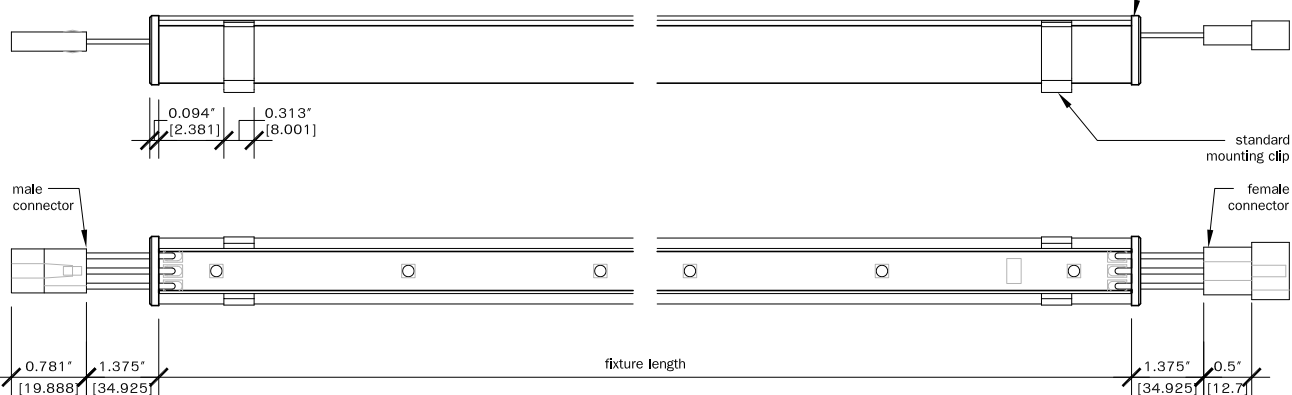
## Product Dimensions



### End Views - Actual Size



### Side and Top Views - 1/2 = 1



## Options

### Lenses

BriteLine2 Round with optic may be specified to yield a 15°, 30° or 60° degree beam angle. OptoLum recommends a lens be specified unless a secondary enclosure for the fixture exists, such as a display case or architectural housing.

### Coating

An optional conformal coating may be specified. This coating is optically clear and is applied over the circuitry and LEDs prior to final assembly to add a degree of protection to the circuit from environmental elements.

### Control Systems

BriteLine2 Round is compatible with most 0-10 dimming systems. All 0-10 interface devices and power supplies are ordered separately.

### Finishes & Mounting

BriteLine2 Round with optic comes with a black anodized finish. BriteLine2 Round with optic comes lensed with black end caps, and stainless steel mounting clips. For additional mounting options please see the Mounting Options Spec Sheet.

### Electrical

OptoLum Low Voltage LED luminaires require OptoLum's remote power supplies, which must be ordered separately. BriteLine2 Round with optic can be wired in series. Each power supply is provided with one 11'-0" lead.

Power Supply	W/ft	60W	96W
B2 Round	7.75		12'-0"

# BriteLine2 Round OPTIC

Item	Specification	B2R 3500K 15 Degree	B2R 3500K 30 Degree	B2R 3500K 60 Degree
<b>Output*</b>	Lumens/ft	120.33	180.50	225.83
	Efficacy	56.45 Lm/W		
	CRI	CRI 85 nominal		
	Lumen Maintenance	50,000 hours with maintenance of 70% lumen output @25 °C		
<b>Electrical**</b>	Input Voltage	24 VDC		
	Power Consumption	7.75 W/ft maximum at steady state		
<b>Control</b>	Dimming	Compatible with most 0-10 systems with an OptoLum 0-10 dimming interface		
<b>Physical</b>	Dimensions	0.719" O.D., length 3" multiples		
	Housing	Extruded aluminum, anodized finish		
	Lens	Optional polycarbonate - contact a rep for additional options		
	Fixture connectors	End to End or Dead End		
	Ambient Operating Temperature	-20 ° - 50 °C (-4 ° - 122 °F)		
	Max fixture run length per power supply	12'-0" @ 96W 8'-0" @ 60W		
<b>Certification and Safety</b>	Certification	UL, CE		
	LED Class	Class 2 LED product		
	Environment	Dry Location		

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\* Estimates have been included in the illumination data pending LM79 testing results; actual illumination may vary from these estimates.

\*\* Power consumption data does not include the power supply and may vary slightly.

## Lamp Life and Warranty

Average Rated Lamp Life is 50,000 hours. Lamp life is derived from a formula that includes known LED tolerance and actual stress applied. OptoLum warrants our products for three years from the date of purchase against manufacturing defects.

