

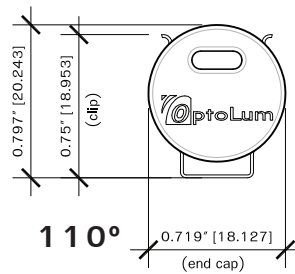
## Specify **B2-RD**

PRODUCT	LED COLOR	COATING	LENS	CONNECTION	FINISH	LENGTH
	<b>Warm White</b> 27 -2700°K 30 -3000°K 35 -3500°K 40 -4000°K* <b>Cool White</b> 45 -4500°K* 50 -5000°K* *special order color	<b>U</b> -Uncoated <b>C</b> -Conformally Coated	<b>U</b> -Unlensed* <b>S</b> -Standard <b>O</b> -Opal Lens <i>*unlensed fixtures must be enclosed within a case or similar enclosed application</i>	<b>D</b> -Dead End <b>E</b> -End to End	<b>A</b> -Natural Clear <b>B</b> -Brite Natural* <b>C</b> -Black* <b>D</b> -Medium Bronze* <b>O</b> -Custom* <i>*Nonstandard finishes available for additional cost</i>	3" Multiples

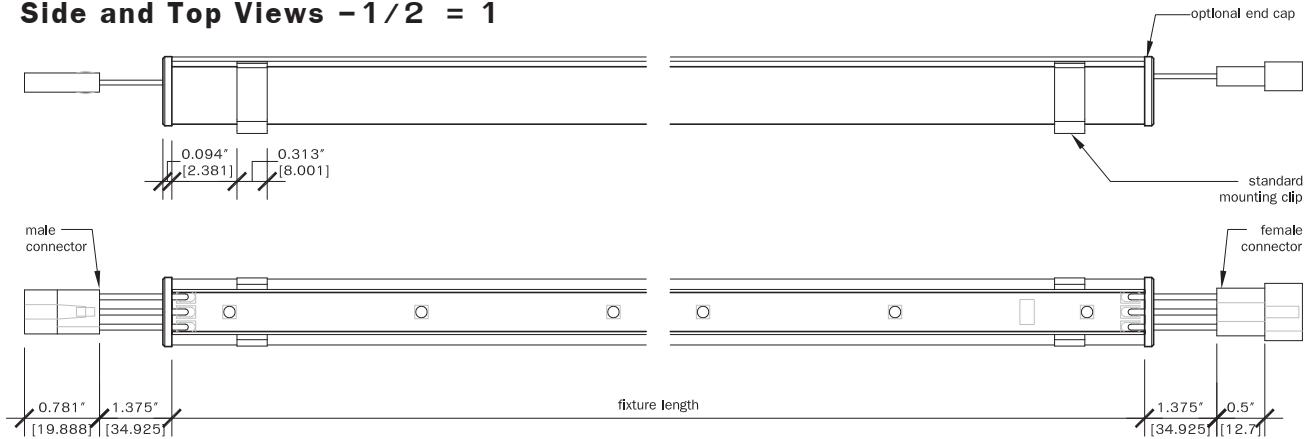


## Product Dimensions

### End Views - Actual Size



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



## Options

### Lenses

BriteLine2 Round's LEDs yield a 110° degree beam angle. This lens may be specified as standard clear or opal. 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 aluminium housing comes with a natural anodized finish. Additional custom order anodized finishes are available for an additional cost.

BriteLine2 Round fixture comes lensed, with end caps, and stainless steel mounting clips, unless additional mounting options are specified. 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 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	8'-0"	12'-0"

# BriteLine2 Round

Item	Specification	B2R 3500K
<b>Output*</b>	Lumens/ft	437.5
	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	Unlensed, Standard Clear or Opal
	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 warranties our products for three years from the date of purchase against manufacturing defects.



## Specify **B2-RO**

### 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

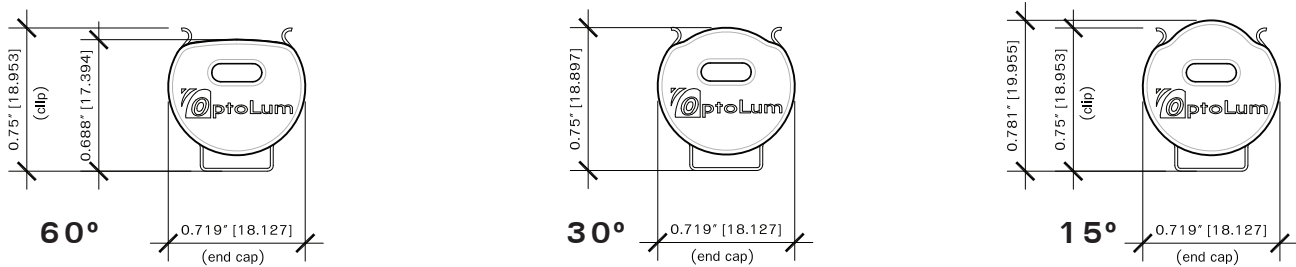
### LENGTH

3" Multiples

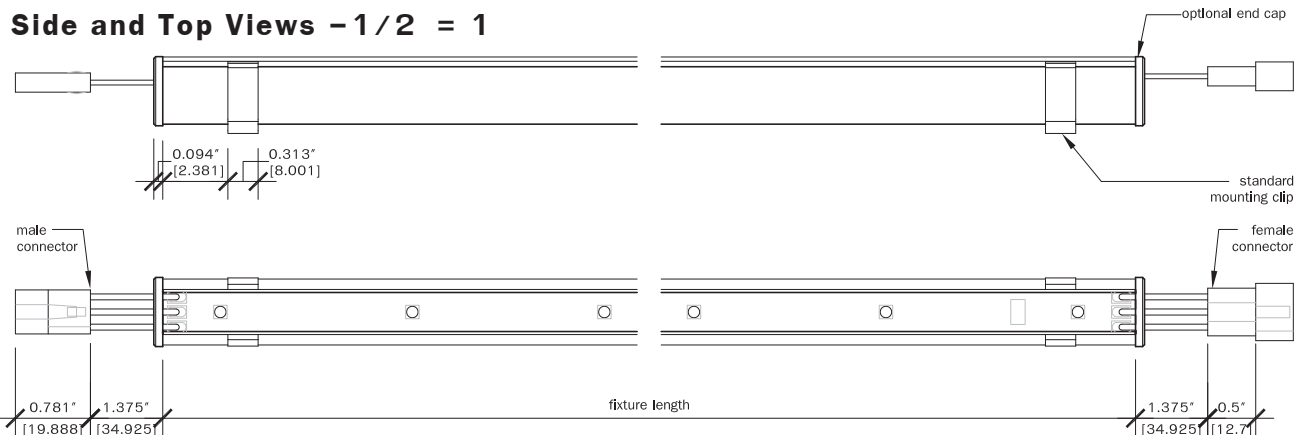


## Product Dimensions

### 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	8'-0"	12'-0"

# BriteLine2 Round OPTIC

Item	Specification	B2R 3000K 15 Degree	B2R 3000K 30 Degree	B2R 3000K 60 Degree
<b>Output*</b>	Lumens/ft	120.33	180.50	225.83
	Efficacy	15.52 Lm/W	23.29	29.14
	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	15 °, 30 ° or 60 °		
	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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