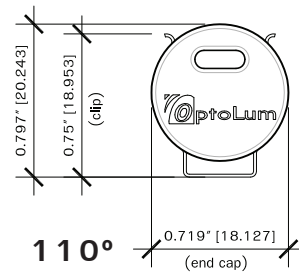


Specify **FL-RD**

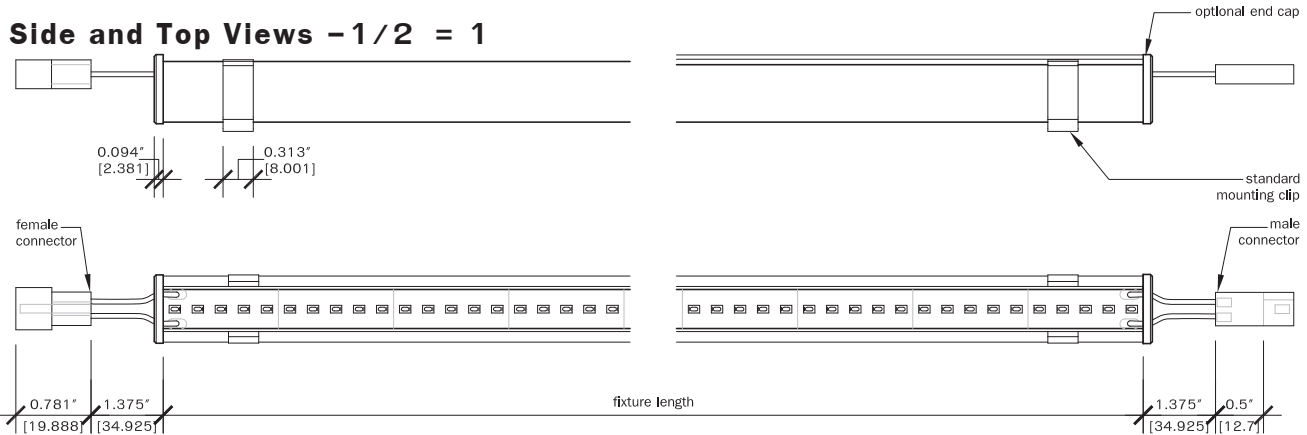
PRODUCT	INTENSITY	LED COLOR	COATING	LENS	CONNECTION	FINISH	LENGTH
	S -SLO L -LO H -HO	Warm White 27-2700°K 30-3000°K 35-3500°K 40-4000°K* Cool White 45-4500°K* 50-5000°K*	U -Uncoated C -Conformally Coated	U -Unlensed* S -Standard O -Opal Lens <i>*unlensed fixtures must be enclosed within a case or similar enclosed application</i>	D -Dead End E -End to End	A -Natural Clear B -Brite Natural* C -Black* D -Medium Bronze* O -Custom* <i>*Nonstandard finishes available for additional cost</i>	FLSLO 6" Multiples FLLO 3" Multiples FLHO 1.33" Multiples

**special order color*

Product Dimensions End Views - Actual Size



Side and Top Views - 1/2 = 1



Options

Lenses

FineLine 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

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

Finishes and Mounting

FineLine Round's aluminium housing comes with a natural anodized finish. Additional custom order anodized finishes are available for an additional cost.

FineLine Round comes lensed with end caps, and stainless steel mounting clips. The end caps may be specified in one of two colors, natural gray or black. 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. FineLine Round can be wired in series.

Power Supply	W/ft	60W	96W
FineLine SLO	1.25	48'-0"	76'-6"
FineLine LO	2.5	24'-0"	38'-0"
FineLine HO	4.5	13'-0"	21'-0"

Item	Specification	FLSLO 3000K	FLO 3000K	FLHO 3000K	
Output*	Lumens/ft	64	123	238.83	
	Efficacy	51 Lm/W	49.2 Lm/W	53 Lm/W	
	CRI	CRI 85 nominal			
	Lumen Maintenance	50,000 hours with maintenance of 70% lumen output @25 °C			
Electrical**	Input Voltage	24 VDC			
	Power Consumption	1.25 W/ft maximum at steady state	2.5 W/ft maximum at steady state	4.5 W/ft maximum at steady state	
Control	Dimming	Compatible with most 0-10 systems with an OptoLum 0-10 dimming interface			
Physical	Dimensions	0.719" O.D., length 6" multiples	0.719" O.D., length 3" multiples	0.719" O.D., length 1.3" multiples	
	Housing	Extruded aluminum, anodized finish			
	Lens	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	76.5' @ 96W	38' @ 96W	21' @ 96W	
		48' @ 60W	24' @ 60W	13' @ 60W	
Certification and Safety	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 **FL-RO**

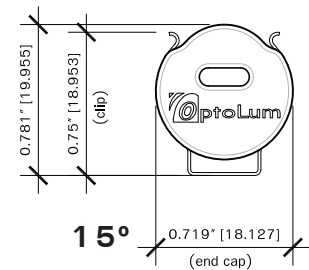
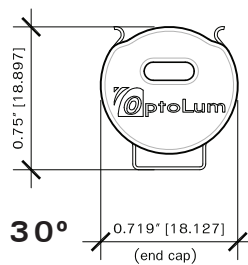
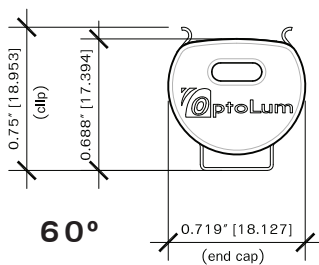
PRODUCT	INTENSITY	LED COLOR	COATING	LENS	CONNECTION	FINISH	LENGTH
	S -SLO L -LO H -HO	Warm White 27-2700°K 30-3000°K 35-3500°K 40-4000°K* Cool White 45-4500°K* 50-5000°K*	U -Uncoated C -Conformally Coated	6 -60 Degree 3 -30 Degree 2 -15 Degree	D -Dead End E -End to End	C -Black* <i>*Standard black finish only</i>	FLSLO 6" Multiples FLLO 3" Multiples FLHO 1.33" Multiples

**special order color*

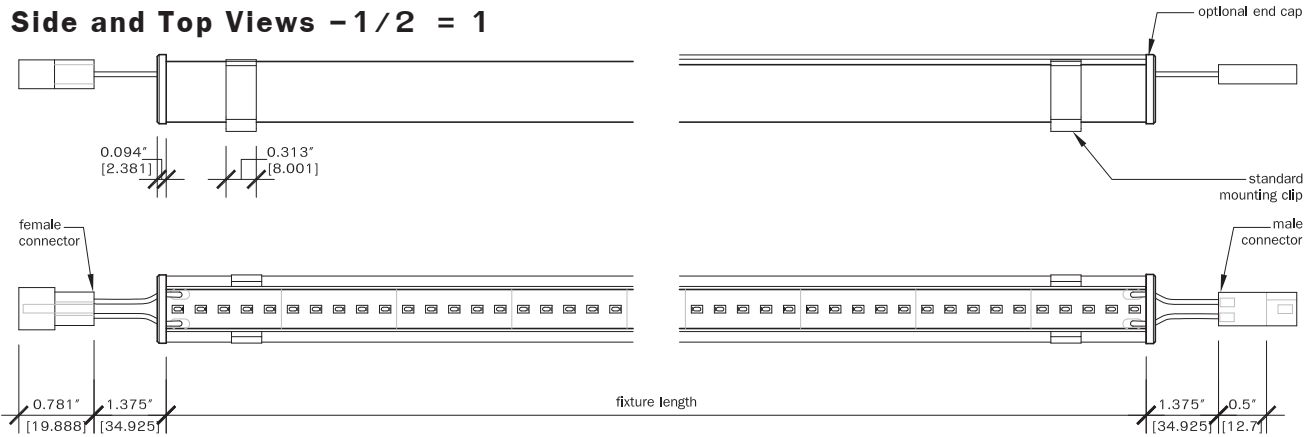


Product Dimensions

End Views - Actual Size



Side and Top Views - 1/2 = 1



Options

Lenses

FineLine 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

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

Finishes and Mounting

FineLine Round with optic comes with a black anodized finish. FineLine Round O 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. FineLine Round with optic can be wired in series.

Power Supply	W/ft	60W	96W
FineLine SLO	1.25	48'-0"	76'-6"
FineLine LO	2.5	24'-0"	38'-0"
FineLine HO	4.5	13'-0"	21'-0"

Item	Specification	FLHO 3000K 15 Degree	FLHO 3000K 30 Degree	FLHO 3000K 60 Degree
Output*	Lumens/ft	85.83	112.5	138.17
	Efficacy	19 Lm/W	25 Lm/W	30.7 Lm/W
	CRI	CRI 85 nominal		
	Lumen Maintenance	50,000 hours with maintenance of 70% lumen output @25 °C		
Electrical**	Input Voltage	24 VDC		
	Power Consumption	4.5 W/ft maximum at steady state for HO		
Control	Dimming	Compatible with most 0-10 systems with an OptoLum 0-10 dimming interface		
Physical	Dimensions	0.719" O.D., Length 1.3" multiples - HO		
	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 - HO option	21' @ 96W		
		13' @ 60W		
Certification and Safety	Certification	UL, CE		
	LED Class	Class 2 LED product		
	Environment	Dry Location		

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

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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.

