

TYPE PROJECT FIRM DATE

LIGHTRAIL

Exterior

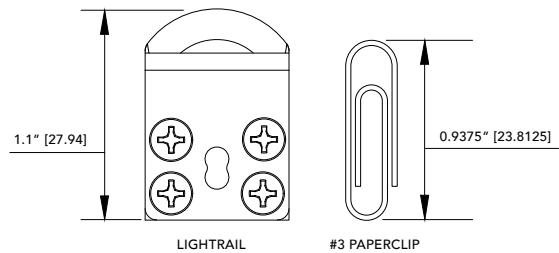
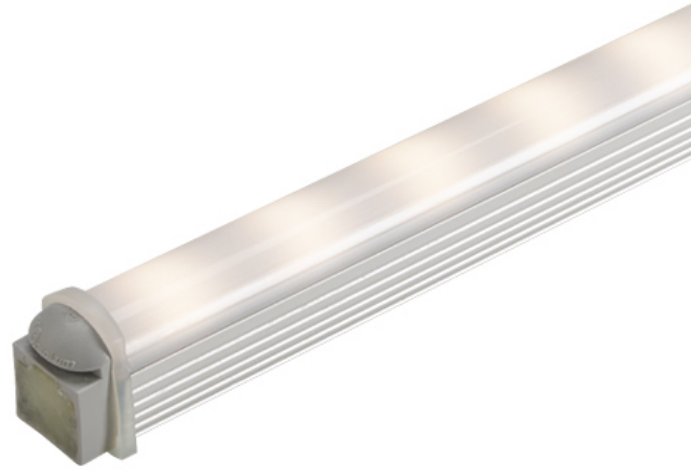


LightRail is an outdoor rated, small scale linear module that integrates into other manufacturers handrail systems. This luminaire is ideal for providing security and safety measures in any indoor or outdoor walkway system.

- + Standard CRI 90+ Nominal

	LIGHTRAIL LO	LIGHTRAIL HO
Lumen Output*	263.9 lm/ft	680 lm/ft (2220 lm/m)
Power Consumption**	3.51 W/ft	7.2 W/ft (23.67 W/m)
Efficacy	79 lm/W	93.8 lm/W
Input Voltage	24 VDC	
Dimensions (W x H)	1.10" x 0.75"	
Full Width Half Max	60°(H) x 80°(V)	
Uniformity	3-Step MacAdam Ellipse	
Operating Temp	50°C (122°F) Max	
Materials	Extruded Aluminium	
Dimming	Flicker-Free down to 0.1%	

* Wattage is inclusive of power supply
50,000 hours of maintenance of 70% Lumen output at 25°C



ACTUAL SIZE COMPARISON

LIGHTRAIL ORDERING CODE Example: FL-LR-L--309--D--060000

PRODUCT	OUTPUT	COLOR TEMP	LENS	CONNECTION	LENGTH
FL-LR Lightrail	L LO H HO	20 8 2000K* 22 8 2200K* 24 8 2400K* 27 9 2700K 30 9 3000K 35 9 3500K 40 9 4000K 45 9 4500K* 50 9 5000K*	S Standard O Opal	D Dead End E End to End	Please specify nominal length in 1.26" increments up to 60" Total length does not include mounting bracket(s)

*CRI 85 nominal, may require additional lead time

LIGHTRAIL ACCESSORIES

	SUPPLY	DIMMING	# OF LEADS	IP RATING
PS	060X277 100X277 40-ELV* 60-ELV* 100-ELV* 100-277	0-10V TRIAC* — <small>*Available only with 100-ELV</small>	1 2 3	67 —

*Available only with TRIAC

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LIGHTRAIL POWER SUPPLIES Complete information can be found on Power Supply Spec Pages

INPUT 110-277 VAC RUN LENGTH PER SUPPLY*

*Quantity of Power Supplies may change based upon layout.

UL CLASS 2	IP65 RATED POWER	HO	LO
PS060X277	60 W	8.28 ft (2.52 m)	16.2 ft (4.9 m)
PS100X277	100 W	13.80 ft (4.20 m)	27.0 ft (8.2 m)
PS40-ELV*	40 W	5.52 ft (1.68 m)	
PS60-ELV*	60 W	8.28 ft (2.52 m)	
PS100-ELV*	100 W	13.80 ft (4.20 m)	27.0 ft (8.2 m)
PS100-277 (INTEGRAL J-BOX)	100 W	13.80 ft (4.20 m)	27.0 ft (8.2 m)

*80% Min Load Required

MLV	IP67	RUN LENGTH
PS M20L24DC-AR	20 W	2.5 ft (0.74 m)
PS M40L24DC-AR	40 W	5.0 ft (1.52 m)
PS M60L24DC-AR	60 W	7.5 ft (2.29 m)
PS M100L24DC-AR	100 W	12.5 ft (3.81 m)

LUTRON	DRY/DAMP RATING	RUN LENGTH
PS L3D0-96W24V – High Lume Premier; Compatible with EcoSystem 3 Wire Controls	96 W	12.0 ft (3.66 m)
PS L3DA4U1UKL – High Lume EcoSystem/ 3 wire L3D J/Box	40 W	5.0 ft (1.52 m)
PS LTEA4U1UKL – High Lume EcoSystem/ 2 wire J/Box	40 W	5.0 ft (1.52 m)
PS L3DA4U1UKx – High Lume EcoSystem/ 3 wire L3D	40 W	5.0 ft (1.52 m)
PS LTEA4U1UKx – High Lume EcoSystem/ 2 wire	40 W	5.0 ft (1.52 m)

LIGHTRAIL PRODUCT DIMENSIONS

