

LIGHTRUN FUNDAMENTALS

All LEDs binned to within a 2 MacAdam ellipse CCT tolerance of ±60°.  
1184 LED Board available in **2700K, 3000K, 3500K, 4000K, 4500K & 5000K.**

	1184/ 700mA Driver	
LUMEN OUTPUT	STANDARD 400 lm/ft [1312 lm/m]	ELEVATED 556 lm/ft [1824 lm/m]
POWER CONSUMPTION <small>not including driver losses</small>	6.6w/ft [20.7w/m]	
APPLIED LED	Nichia 157B	
LED EFFICACY	108 lm/w	
FIXTURE EFFICACY <small>not including driver losses</small>	63 lm/w	

All photometrics based on 3500K CCT

LENSING	Diffuse lens	
FINISH	Silver or Black Anodized, Bronze or White Powder Coated, or Custom Finishes on request	
LENGTHS	Up to 58.66" [1490mm]; see Length & Wattage Table for all standard length options	
ELECTRICAL	<b>Driver Type:</b> Constant Current, 700mA, Class 2 UL Listed <b>Input Voltage:</b> 4v - 40v <b>Dimming:</b> 0-10V, DALI, DMX <b>Feed Wire:</b> 96" [2.44m] of 20 AWG Wire [1.02mm <sup>2</sup> ], Male Connector <b>Operating Ambient Temperature:</b> -22° to 95° F [-30° to 35° C]	
LIFE & WARRANTY	50,000 HR lifetime (T <sub>a</sub> = -25°C to 35°C; T <sub>c</sub> max 75°C); 5 year limited warranty	
MOUNTING	Fixed or Adjustable Mounting Clips	
LISTINGS & TESTS	cUL <sub>us</sub> (UL 2108 & 8750); CE RoHS Compliant (if specified); LM79, LM80 ; IP20, Dry Location Only <small>The EU's Restriction of Hazardous Substances Directive (RoHS) restricts the use of six hazardous substances* in electrical and electronic equipment (* Lead (Pb), Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls and Polybrominated diphenyl ether (PBDE)).</small>	

The EssentialLEDs® **LightRun** fixture was developed for use in retail display applications where the bright reflection of individual LED diodes can be an unwelcome visual distraction.

LightRun features a proprietary 1184 LED board and unique diffuse lens. LightRun creates a single linear light source that eliminates individual diode reflections and beautifully illuminates the details of designer handbags, small leather goods and other types of highly detailed merchandise.

LightRun uses dimmable LEDs in six color temperatures. It is available in 3.858" [98.00mm] increments up to a length of 58.66" [1490mm].

Visit the VLT website for application photos and most recent information.

MADE IN USA 

CCT	2700K	3000K	3500K	4000K	4500K	5000K
LIGHT OUTPUT CONVERSION	0.88	1.0	1.0	1.08	1.08	1.08

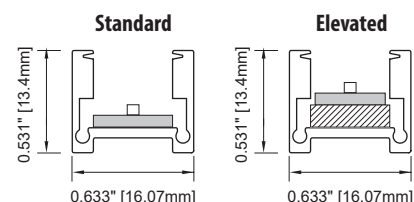
VLT reserves the right to change specifications without notice. Please visit [www.vltcorp.com](http://www.vltcorp.com) for current cut sheets.



LightRun's proprietary LED board places the LEDs right next to each other, for a continuous run of light.

## LIGHTRUN - LENSED

IP20 | Medium square extrusion with specialized Constant Current LED board and diffuse lens for linear lighting in display applications. Dry location. Includes one row of Nichia LEDs (400lm/ft, 6.6w/ft, 87 CRI). Standard color temperatures of 2700K, 3000K, 3500K, 4000K, 4500K and 5000K. All LEDs include  $\pm 60K$  Micro Binning. Available in Silver or Black Anodized, Bronze or White Powder Coated, or Custom Finishes. Optional Elevated LED board increases light output with slightly more noticeable hotspots.



ELL-LR -

## LED

1184 400 lm/ft<sup>1</sup>, 6.6 w/ft<sup>1</sup>, 87 CRI<sup>1</sup>Based on Standard LED Placement

## CCT

27	2700°K
30	3000°K
35	3500°K
40	4000°K
45	4500°K
50	5000°K

## Finish

AL	Silver Anodized
BL	Black Anodized
BZ	Bronze
WH	White
C	Custom

## Lens Options

DL	Diffuse Lens
D2	Holographic Film

## Wire Exit

WE1 Default

## Fixture Length

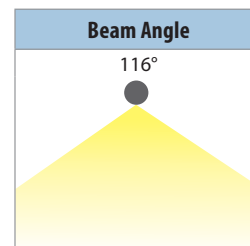
See Fixture Length and Wattage Table. Choose the correct Code number for the LED board and fixture length of your choice or specify Custom Length as follows: C (12.25") C (311mm)

## Listings &amp; Options

UL	UL Listed	cULus
CE	CE Marked	CE
EL	Elevated	
MAG	Magnetic Mount	

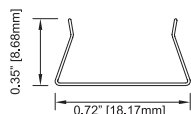
## Beam Angle

116°



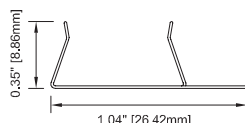
## Fixture Accessories

ELL - AC - LR - MC



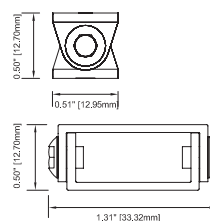
**Fixed Metal Clip.** Extrusion snaps into clip. Can be used in conjunction with Adjustable Bracket.

ELL - AC - LR - AMC



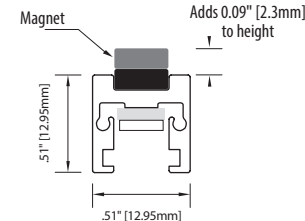
**Adjustable Metal Clip** with offset screw attachment for flush mount; bends to desired angle.

ELL - AC - S123 - AB



**Metal Hinged Bracket** for use in conjunction with fixed metal clip; allows 30° adjustability, repeated adjustments, and simplifies angled adjustments in hard-to-reach areas.

Factory Installed; See Options Above



**Magnetic Mount** Small, strong, factory installed magnets recess into rear side of fixture extrusions for mounting of fixture onto suitable ferrous surface or accessory Steel Mounting Plates. 3 magnets per foot. Magnets protrude 0.09" [2.3mm] from back of fixture.

## FIXTURE LENGTH & WATTAGE TABLE - LIGHTRUN

Use Code numbers to specify Standard Length extrusions.

Code	Fixture Lengths	1184
		LightRun
4	4.65" [118mm]	2.2w
8	8.50" [216mm]	4.4w
12	12.36" [314mm]	6.6w
16	16.22" [412mm]	8.8w
20	20.07" [510mm]	11.0w
24	23.94" [608mm]	13.2w
28	27.80" [706mm]	15.4w
32	31.65" [804mm]	17.6w
36	35.51" [902mm]	19.8w
40	39.37" [1000mm]	22.0w
44	43.22" [1098mm]	24.2w
48	47.08" [1196mm]	26.4w
52	50.94" [1294mm]	28.6w
56	54.80" [1392mm]	30.8w
60	58.66" [1490mm]	33.0w

**About Custom Length Fixtures:** the fixture lengths listed above are considered "standard" lengths. A fixture length that differs from these would be considered a "custom" length.

"Custom" length fixtures have an overall finished length (including end caps) **exactly** as specified. Because the LED boards are limited to 4" increments, the LED board that is the next size down will be centered inside the custom-length fixture.

LEDs have a generous field angle, so a fixture does not need to extend the full length of a cabinet, shelf or display case for the area to be fully lit. Custom fixtures are most often used where the fixture is **visible** and an exact-length is desired for **aesthetic** reasons.

[illegible]