

## LIGHTRUN FUNDAMENTALS

All LEDs binned to within a 2 MacAdam ellipse CCT tolerance of  $\pm 60^\circ$ .

1184 LED Board available in **2700K, 3000K, 3500K, 4000K, 4500K & 5000K.**

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

All photometrics based on 3500K CCT

<b>LENSING</b>	Diffuse lens
<b>FINISH</b>	Silver or Black Anodized, Bronze or White Powder Coated, or Custom Finishes on request
<b>LENGTHS</b>	Up to 58.66" [1490mm]; see Length & Wattage Table for all standard length options
<b>ELECTRICAL</b>	<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]
<b>LIFE &amp; WARRANTY</b>	50,000 HR lifetime ( $T_a = -25^\circ\text{C}$ to $35^\circ\text{C}$ ; $T_c$ max $75^\circ\text{C}$ ); 5 year limited warranty
<b>MOUNTING</b>	Fixed or Adjustable Mounting Clips
<b>LISTINGS &amp; TESTS</b>	cUL <sub>us</sub> (UL 2108 & 8750); CE RoHS Compliant (if specified); LM79, LM80 ; IP20, Dry Location Only 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)).

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.

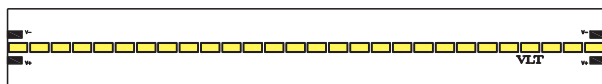
LightRun uses dimmable LEDs in six color temperatures. It is available in 3.858" [98.00mm] increments up to a length of 58.66" [1490mm].

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

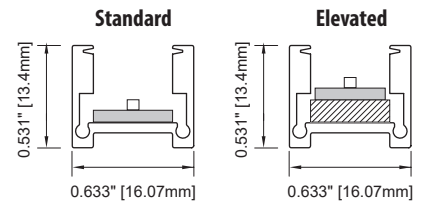
VLT reserves the right to change specifications without notice. Please visit [www.vltcorp.com](http://www.vltcorp.com) for current cut sheets.



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 ±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.

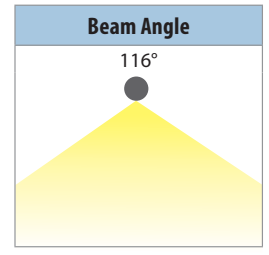


ELL-LR - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

LED	CCT	Finish	Lens Options	Wire Exit	Listings & Options
1184 400 lm/ft <sup>1</sup> , 6.6 w/ft <sup>1</sup> , 87 CRI	27 2700°K 30 3000°K 35 3500°K 40 4000°K 45 4500°K 50 5000°K	AL Silver Anodized BL Black Anodized BZ Bronze WH White C Custom	DL Diffuse Lens <b>ST15 A</b> D2 Holographic Film <b>ST15 B</b>	WE1 Default	UL UL Listed CE CE Marked EL Elevated MAG Magnetic Mount

<sup>1</sup>Based on Standard LED Placement

**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]



Fixture Accessories			
ELL-AC-LR-MC	ELL-AC-LR-AMC	ELL-AC-S123-AB	Factory Installed; See Options Above
<p><b>Fixed Metal Clip.</b> Extrusion snaps into clip. Can be used in conjunction with Adjustable Bracket.</p>	<p><b>Adjustable Metal Clip</b> with offset screw attachment for flush mount; bends to desired angle.</p>	<p><b>Metal Hinged Bracket</b> for use in conjunction with fixed metal clip; allows 30° adjustability, repeated adjustments, and simplifies angled adjustments in hard-to-reach areas.</p>	<p><b>Magnetic Mount</b> 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.</p>

## 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.