EssentialLEDs®

EFlexW Exterior Flexible Fundamentals

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

LED Board	1320	2320	4320
LUMEN OUTPUT	222 lm/ft [728lm/m]	335 lm/ft [1098 lm/m]	590 lm/ft [1,935 lm/m]
POWER CONSUMPTION	2.0 w/ft. [6.6 w/m]	2.8 w/ft [9.2 w/m]	5.9 w/ft [19.4 w/m]
COUPON LENGTH	3.28" [83.3mm]	3.28" [83.3mm]	3.28" [83.3mm]
CRI	95	95	95
CCT OPTIONS	ALL	ALL	ALL
APPLIED LED	Nichia 3030 SMD	Nichia 3030 SMD	Nichia 3030 SMD
LED EFFICACY*	111 lm/w	119 lm/w	100 lm/w

All photometrics based on 3500K CCT

LENSING	Silicone sheathing
FINISH	White silk screen
LENGTHS	0.393" [10.0mm] wide x 0.050" [1.25mm] high and up to 16.4' [4998mm]; Factory fabricated to any length up to 16.4' [5000mm] with a "coupon" length of 2.46" [62.5mm].
ELECTRICAL	**Driver Type:** Constant Voltage, Class 2 UL Listed [CV] **Input Voltage:** 24v DC **Dimming:** MLV, ELV, 0-10V, DALI, DMX **Feed Wire:** Pre-cut lengths: 96" [2.44m] of 20 AWG Wire [1.02mm²] with Male Connector **Operating Ambient Temperature:** -22° to 104° F [-30° to 40° C]
LIFE & WARRANTY	50,000 HR lifetime (T_a = -20°C to 60°C; T_c max 75°C); 5 year limited warranty
MOUNTING	Silicone brackets, screwed
LISTINGS & TESTS	c(UL)u (UL 2108 & 8750); CE RoHS Compliant (if specified); LM79, LM80 ; IP20 For UL Listed application within the closet storage space, use 1320 LED Board 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 addition of silicone sheathing transforms our flexible LED tape into a water resistant (IP65) product to add beautiful linear lighting to damp or wet environments. Flexible **EFlexW** is the ideal product for curved surfaces, but also provides a budget-friendly solution for outdoor lighting on straight surfaces. EFlexW provides beautiful accents in three brightness levels and six CCTs for locations such as:

• Curved Sit Walls & Planters
• Patios and Outdoor Kitchens
• Water Features (non-submersible)
• Damp/Wet Interior Locations Like Bars & Food Prep Areas

EFlexW comes in sheathed and wired pieces that are multiples of the 3.28" [83.3mm] coupon plus endcaps, up to a maximum length of 16.4 feet [5000mm]. Pieces mount using soft brackets that straddle the tape and screw into the mounting surface (one per 12"). EFlexW is dimmable using MLV, ELV, 0-10v, DALI or DMX. Visit the VLT website for application photos and the most recent information.

CCT	2700K	3000K	3500K	4000K	4500K
Light Output Conversion	.96	1.0	1.0	1.0	1.01

VLT reserves the right to change specifications without notice. Please visit www.vltcorp.com for current cut sheets.

1809 Hur Industrial Blvd, Cedar Park, TX 78613 • Ph. 877.VLT.1167 • www.vltcorp.com
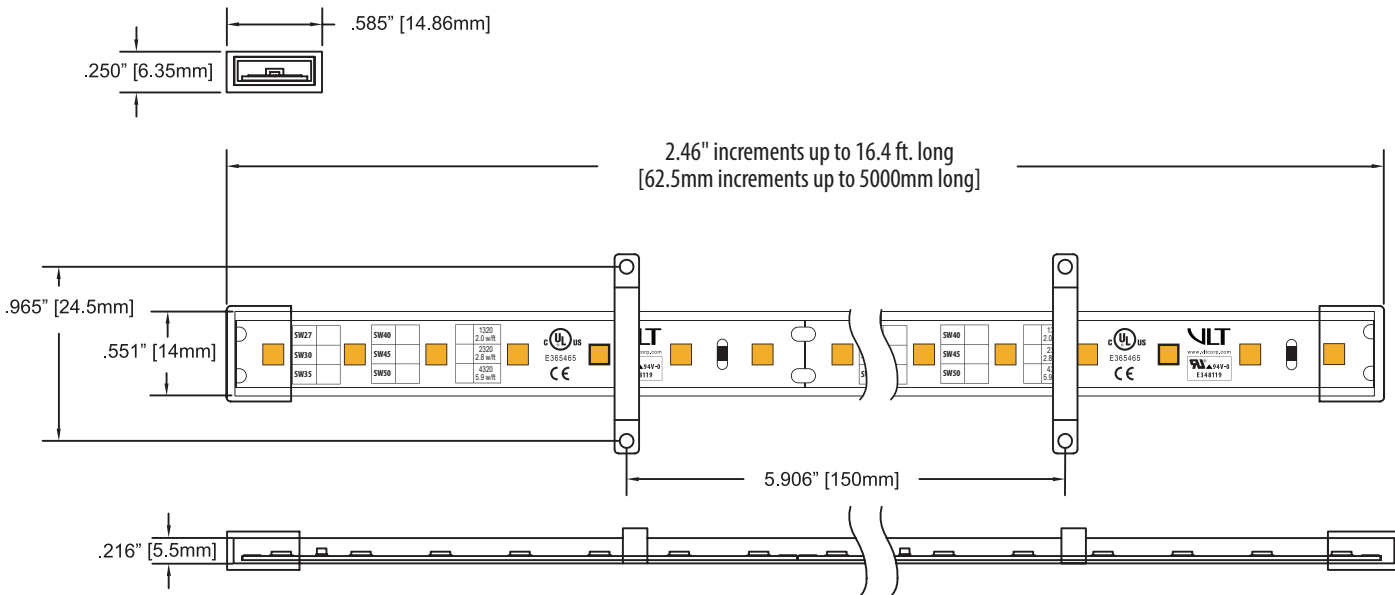
EssentialLEDs®

EFLexW Flexible LEDs - Exterior

IP65 | Flexible LED strip for exterior and wet location linear lighting applications. Includes Nichia LEDs in choice of 3 lumen/wattage levels on a flexible substrate, sealed into a weatherproof silicone sheathing; all LEDs binned to within 2 MacAdam ellipse CCT tolerance of ±60°K. Standard color temperatures of 2700K, 3000K, 3500K, 4000K and 4500K. Specify pre-cut "coupon" length in 2.46" [62.5mm] segments up to 16.4 ft [5000mm]. End caps add .045" [1.14mm] to each end of LED strip length. Mount with screwed silicone brackets on 12" centers. See below for bracket information.

CV

EFlexW - _____ - _____ - _____ - _____ - _____ - _____

LED

1320	222 lm/ft, 2.0 w/ft, 95 CRI
2320	335 lm/ft, 2.8 w/ft, 95 CRI
4320	590 lm/ft, 5.9 w/ft, 95 CRI

CCT

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

Lens Options

| NL | No Lens |

Wire Exit

| WE1 | Default |

Listings

| UL | UL Listed |
| CE | CE Listed (RoHS) |

Strip Length

2.46" increments
up to 16.4' long
[87.5mm increments
up to 5000mm long]

.585" [14.86mm]

.250" [6.35mm]

2.46" increments up to 16.4 ft. long
[62.5mm increments up to 5000mm long]

.965" [24.5mm]

.551" [14mm]

5.906" [150mm]

.216" [5.5mm]

SOFT BRACKET

SPECIFICATIONS

CAT. NO. ELL-AC - EFLEXW - SB

1.095" [27.81mm]
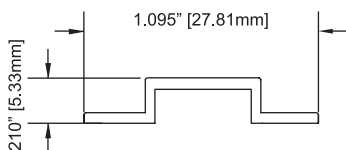
.210" [5.33mm]

Dimensions: 1.095" [27.81mm] x 0.210" [5.33mm]

Material: Silicone

Description: Silicone bracket straddles sheathed EFLEXW strip; screws to mounting surface on each end (screws provided by others). Recommended spacing: every 12".

VLT