# EssentialLEDs®

EFlex Choice - Dim-to-Warm Interior Flexible Fundamentals

Choice - Dim-to-Warm

LED BOARD	7435
LUMEN OUTPUT [1]	480 lm/ft [1575 lm/m]
POWER CONSUMPTION	5.5 w/ft [18 w/m]
COUPON LENGTH	2.46" [62.5mm]
LED PITCH	8.9mm
CRI / TM30	92 / Rf83, Rg 92
CCT OPTIONS	1800K / 3000K
BINNING	3 Step
LED EFFICACY [1]	90 lm/w

LENSING	None
FINISH	White silk screen
LENGTHS	0.393" [10mm] wide x 0.046" [1.17mm] high x 16.4' [5000mm]; Field cuttable in 2.46" [62.5mm] coupons. Maximum Continuous Length: 7435: 16.4' [5m] **CV**
ELECTRICAL	**Driver Type:** Constant Voltage, Class 2 UL Listed **Input Voltage:** 24v DC **Dimming:** 2 or 3 wire, 0 - 10v, ELV, MLV **Feed Wire:** 12"[305mm] Lead of 20 AWG Wire [1.02mm²] Bare Wire **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 67°C); 5 year limited warranty
MOUNTING	3M VHB Tape, provided
LISTINGS & TESTS	c(UL)u (UL 2108 & 8750); CE RoHS Compliant (if specified); LM79, LM80; IP20, Dry Location Only For UL Listed application within the closet storage space 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)).

EFlex Dim-to-Warm Flexible LEDs put all the great light quality of EssentialLEDs® into a budget-friendly bendable format that's perfect for curved surfaces like coves and columns. EFlex can install directly onto the mounting surface using the adhesive backing, or can be combined with five different field-cuttable extrusions to create DIY fixtures on site.

• Under Counters & Toe Kicks
• Accents for Coves & Niches
• Uplights Above Cabinetry
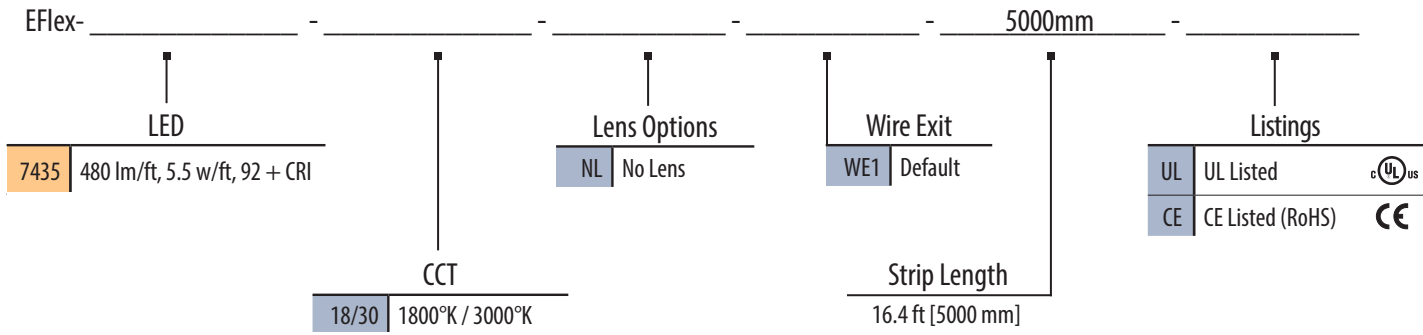• Halo Effects for Headboards, Mirrors & Entertainment Centers

This LED Series offer a simple option for Dim-to-Warm. Featuring an intelligent circuit, the Dim-to-Warm board automatically changes the Color Temp from 3000° K to 1800° K when dimmed using a single HELD 5n1 Driver. Smooth dimming is easily achieved from 3000°K to 1800°K to set the mood of the environment. Intelligent Circuit means no extra control equipment is needed besides a single Driver and a Dimmer.

Our Dim-to-Warm LED board come in a single lumen package with all the LED binned to 3 MacAdam Ellipses. These boards have a CRI of 90 or higher to meet California Title 24 requirements.

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

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EFlex Dim-to-Warm Flexible LEDs - Interior

IP20 | Dim-to-Warm Flexible LED strip for interior linear lighting applications. Dry location. High CRI on a flexible, self-adhesive substrate; all LEDs binned to within 3 MacAdam ellipse CCT tolerance of ±60°K. Standard color temperatures of 1800°K to 3000°K. Available as a field-cuttable spool of 16.4 ft [5000mm], can be cut in the field every 2.46" [62.5mm].

CV

EFlex- _____ - _____ - _____ - _____ - _____5000mm_____ - _____

LED
| 7435 | 480 lm/ft, 5.5 w/ft, 92 + CRI |

Lens Options
| NL | No Lens |

Wire Exit
| WE1 | Default |

Listings
| UL | UL Listed | c(UL)us |
| CE | CE Listed (RoHS) | CE |

CCT
| 18/30 | 1800°K / 3000°K |

Strip Length
16.4 ft [5000 mm]

☐ Standard Pitch Nichia LEDs
☐ Dim-to-Warm Choice LEDs

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

2.46"
[62.5mm]

2.46"
[62.5mm]

.393"
[10mm]

.351"
[8.9mm]

.061"
[1.55mm]