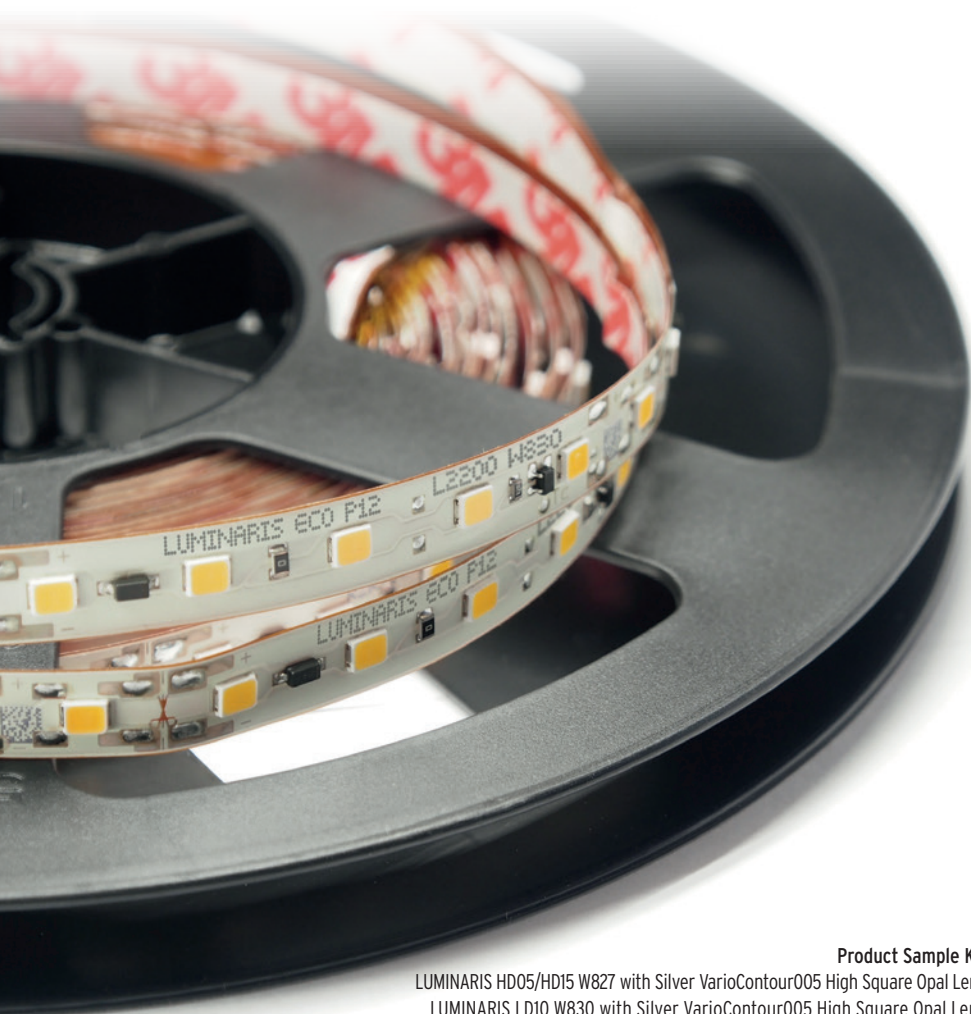


LUMINARIS



Product Sample Kit

LUMINARIS HD05/HD15 W827 with Silver VarioContour005 High Square Opal Lens

LUMINARIS LD10 W830 with Silver VarioContour005 High Square Opal Lens

LUMINARIS HD10/HD22 W835 with Black VarioContour024 Round Opal Lens

VarioContour 005 Endcaps | Plug in Driver



LUMINARIS

The simplest LED tape for applications where cost savings are required – Without sacrificing light quality

- Manufactured in unique Reel-to-Reel (R2R) process for best-in-class thermal management: Tj Away®
- 24 V DC constant voltage operation
- Two different LED pitch options to suit different application types
- Integrated Circuits (IC) on each step guarantee 100% output from the first step to the last
- Up to 46' length with a single electrical feed-in
- High performance adhesive tape for quick and reliable installation and commissioning
- 4 lumen packages up to 753 lm/ft light output and 134 lm/W @ HD W840
- 4 color temperatures – 2,700K, 3,000K, 3,500K, 4,000K
- Protection diode against miswiring on each step
- Outstanding lifetime L80/B10 > 60,000 h based on 10,000h LM80 reports, Tc = 85°C
- Excellent color consistency – 3 Step MacAdams
- Color over angle better than 50K in full beam
- Fully dimmable with ELV, 0-10V, PWM, DMX and DALI protocols
- Compatible with VarioContour aluminum channels and electrical connectors

**QS
Quick Ship
Item**

Indicated **QS** in
order codes

**Integrated
Circuit
Driver**

Up to 753 lm/ft
134 lm/W constant
light output

**Reel-to-Reel
R2R
Production**

High Quality
Solder Free Reels

**TjAway®
Thermal
Management**

Exceptional Thermal
Dissipation

**One Bin
Only**

3 MacAdam up to
85 CRI



Intertek
ETL Listed

**L/B
Lifetime**

L80/B10 > 60,000 hrs

**6 Digit
Photometric
Code**

Wxxx/359

**IES
LM79**

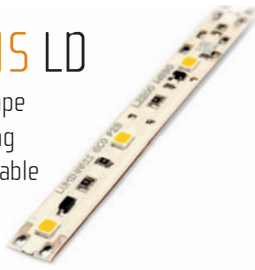
LM79 Compliant

**IES
LM80**

LM80 Compliant

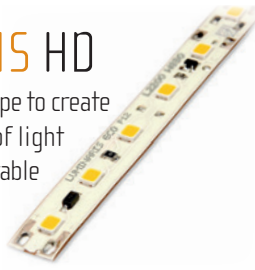
LUMINARIS LD

Low Density LED Tape
For ambient lighting
3 LEDs per 2 ¼" cuttable
section



LUMINARIS HD

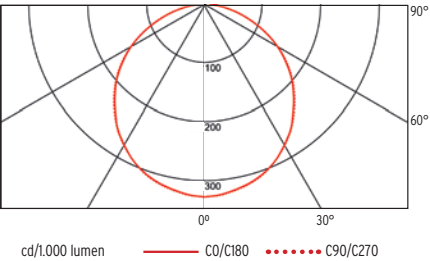
High Density LED Tape to create
homogenous line of light
6 LEDs per 2 ¼" cuttable
section



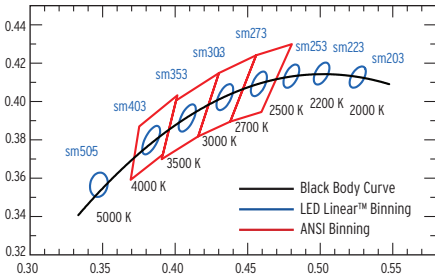
Lumen package	Color temperature	CCT	CRI	Lumen/ft LD / HD	Efficacy (lm/W) LD / HD	Reel length (ft, inch)	Watt / reel ^A (W) LD / HD	Power ^A (W/ft) LD / HD
LD05 / HD05	 W827 ⁶⁹³	2,700 K	82	152 / 198	97 / 126	45' 11 3/16"	78 / 72	1.7 / 1.6
	 W830 ⁶⁹³	3,000 K	83	152 / 201	97 / 128			
	 W835 ⁶⁹³	3,500 K	83	158 / 204	102 / 130			
	 W840	4,000 K	82	162 / 210	103 / 134			
LD10 / HD10	 W827 ⁶⁹³	2,700 K	82	305 / 314	97 / 120	22' 11 5/8"	60	2.6
	 W830 ⁶⁹³	3,000 K	83	311 / 320	99 / 123			
	 W835 ⁶⁹³	3,500 K	83	316 / 323	102 / 124			
	 W840	4,000 K	82	326 / 335	103 / 128			
LD15 / HD15	 W827 ⁶⁹³	2,700 K	82	454 / 543	88 / 115	13' 9 3/8"	65	4.7
	 W830 ⁶⁹³	3,000 K	83	463 / 552	90 / 117			
	 W835 ⁶⁹³	3,500 K	83	475 / 560	101 / 119			
	 W840	4,000 K	82	485 / 597	93 / 123			
LD22 / HD22	 W827	2,700 K	82	646 / 704	95 / 112	11' 11 5/16"	75	6.3
	 W830	3,000 K	83	659 / 716	97 / 114			
	 W835	3,500 K	83	673 / 726	100 / 116			
	 W840	4,000 K	82	686 / 753	101 / 120			

^A Given data are typical values. Due to tolerances of the production process and the electrical components, values can vary up to 10%

Light Distribution



Binning



6 Digit Photometric Code	W827 / 359	W830 / 359	W835 / 359	W840 / 359
CIE _x ; CIE _y ^A	0.4592; 0.4139	0.4384; 0.4092	0.3470; 0.3627	0.3739; 0.3736
CRI; R9	82; 6	83; 6	83; 4	82; 9
Fidelity factor R _f	83	83	81	82
Gamut factor R _g	95	95	95	95
Skin fidelity R _{f, skin}	86	87	85	88
Initial Color Consistency	< 3 SDCM			

^A Measurement tolerances ±0.005



LED Linear™ USA, Inc.
2186 Liberty Drive
Niagara Falls, NY 14304
USA
Phone: +1 716 283 4400
info@led-linear.com
www.ledlinearusa.com

Fiatlux
LED Linear™ Canada
25 Ripley Avenue
Toronto, ON M6S 3P2
Canada
Phone: +1 416 538 5152
canada@led-linear.com
www.ledlinearusa.com