

### Description

COB style tape lights provide dot free color changing lighting with no visible hotspots. Using chip on board (COB) LEDs these strips are designed for seamless color programmable linear lighting. Cob strips fit into profile channels or can be installed directly to substrate.



### Technical Specification

<b>Dimensions</b>	.47" wide
<b>Input Voltage</b>	24
<b>CRI</b>	90
<b>Beam Angle</b>	150
<b>Max Run</b>	16ft
<b>Lumen Per Watt</b>	96
<b>Lumens Per Foot</b>	212
<b>Cut Size</b>	3.97"
<b>Wattage Per Foot</b>	1.5

### Mounting

Strip is furnished with transfer tape. Channel sold separately

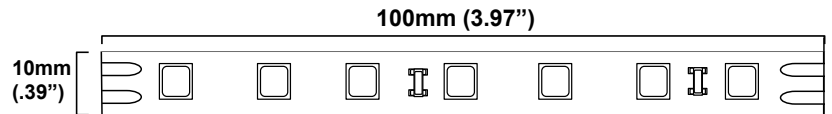
### Approvals



### Warranty

5-Year

### Line Drawing



### Ordering Matrix

MODEL	CCT	IP RATING	LENGTH	CONNECTOR
<b>DLDT - SOFT</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		<b>IP20 IP67</b>	<b>16 - 16FEET</b>	<b>BW6-</b> Bare Wire 6 inch
	<b>2700K</b>	194   175	<b>CUSTOM LENGTH</b>	<b>BW__</b> - Bare Wire Custom Length
	<b>3000K</b>	207   187		<b>BRL-</b> Barrel Connector 6 inch wire
	<b>3500K</b>	212   191		<b>CLIPS</b>
	<b>4000K</b>	219   198		<b>NONE</b>
	<b>5000K</b>	217   195		

## Temperature Details

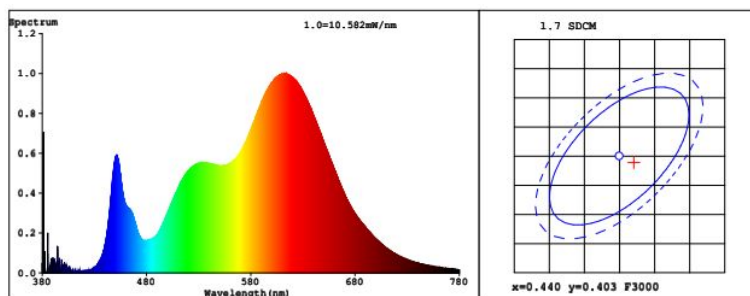
	Min	Max
Ambient Operating Temp	-4 F	130 F
Storage Temp	-4 F	140 F
Installation Temp	50 F	100 F

## Technical Specification

Materials	Plastic
LED Chip	2835
Mounting	In Channel
Color Temperature	27K through 50K
Dimming capability	Per Driver

## Spectrum Test Report

### DLDT-SOFT-CCT-30-20-16



#### Color Parameters:

Chromaticity Coordinate:  $x=0.4421$   $y=0.4019/u'=0.2548$   $v'=0.5213$   
 CCT=2897K (Duv=-0.0015) Dominant WL:Ld =583.8nm Purity=53.3%  
 Ratio:R=25.4% G=72.1% B=2.5% Peak WL:Lp=611.9nm FWHM=143.3nm  
 Render Index:Ra=92.1 TM30:Rf=89 Rg=101  
 R1 =94 R2 =97 R3 =98 R4 =95 R5 =94 R6 =96 R7 =88  
 R8 =74 R9 =42 R10=93 R11=96 R12=82 R13=96 R14=99 R15=86

#### Photo Parameters:

Flux = 483.5 lm Eff. : 97.33 lm/W Fe = 1.548 W

#### Electrical parameters:

V = 23.997 V I = 0.2070 A P = 4.967 W PF = 1.000

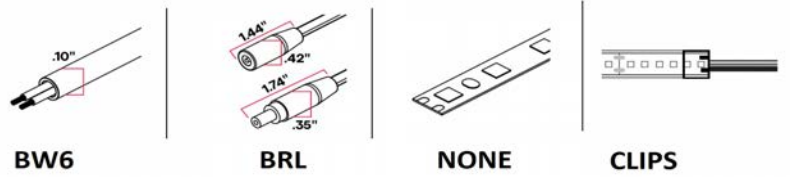
Status: Integral T = 603 ms Ip = 51305 (78%)

For additional information, please visit our website

### IP Rating Options

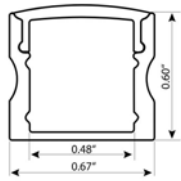


### Connection Options

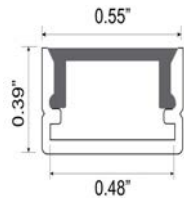


- **BW6** - 6" inch standard soldering leads
- **BRL** - Barrel Connector
- **NONE** - Tape light provided with no connector
- **CLIPS** - Clips provided for field cut and field installed connector

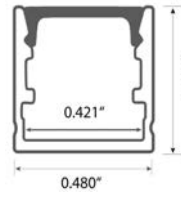
### Channels



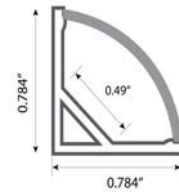
TALL SURFACE  
DLDT-S-TALL



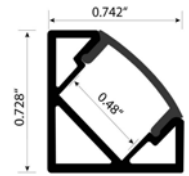
SHALLOW SURFACE  
DLDT-S-SHALLOW



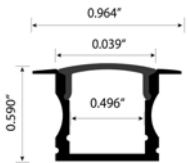
FULL SURFACE  
DLDT-S-FULL



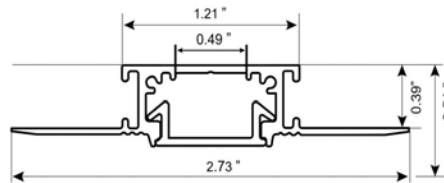
CURVE45 SURFACE  
DLDT-S-CRV45



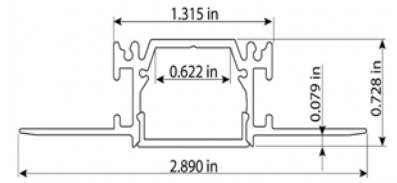
CORNER45 SURFACE  
DLDT-S-CR45



TALL RECESSED  
DLDT-R-TALL



SHALLOW RECESSED  
DLDT-R-SHALLOW



FULL RECESSED  
DLDT-R-FULL

### Drivers



NON DIMMING  
IP20



UNIVERSAL  
DIMMING IP20



UNIVERSAL  
DIMMING IP67