

LED LIGHT STRIP

CONTINUOUS LED LIGHTING SYSTEM



DREAMSCAPE LED LINEAR PRODUCT MATRIX

CONTINUOUS LED ARCHITECTURAL LIGHTING SYSTEMS

HIGH CRI ENABLED LED LINEAR IN AN ARCHITECTURAL FIXTURE



Energy saving, high CRI lighting has come a long way since the dawn of compact fluorescents. The LED light source has provided a compelling and now industry standard resource for designers to save energy and create exciting lighting designs.

For accent and task architectural linear lighting, Dreamscape has assembled a collection of LED light sources with different wattage and styles that suit a complete range of applications. All products shown at right are dimmable and have CRI ratings up to 97. Some are suitable for damp and wet location.

Integrating the newest technology available, the Dreamscape Master Collection provides a LED solution for all of your linear and task lighting project requirements.

Shown at actual size, the Dreamscape 5100 Series LED Light Strip is a diminutive vehicle for concealing the fixture, but not the lighting effect.



Top Photo: Lucy Chen Photography / Sladen Feinstein Integrated Lighting
Bottom Photo: Griff Williams

PRODUCT NO. - DESCRIPTION

DLED-5000 LED Light Strip - Dry Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 6'

DLED-5100 LED Light Strip - Dry Location

MAX. LENGTH PER FEED: 8'
MAX SINGLE LENGTH: 6'

DLED-5200 / 5200WL Glow LED in Sealed Enclosure - Damp / Wet Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 8'

DLED-5300 / 5300WL Mini Glow LED in Sealed Enclosure - Damp / Wet Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 69"

DLED-5400 / 5400WL Angled LED Light Strip in Square Enclosure - Damp / Wet Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 69"

DLED-5400-3/4-3/4 Square LED Light Source Dry and Wet Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH FOR LED: 69"

DLED-5600 Dimmable LED Light Strip Damp Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH FOR LED: 5'

DLED-6000 DP LED Damp Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 46"

DLED-6000 SH LED Damp Location

MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH: 46"

DLED-6200-AW LED High Power Angled Wash Illuminator

MAX. LENGTH PER FEED: 60"
MAX FIXTURE LENGTH: 96"

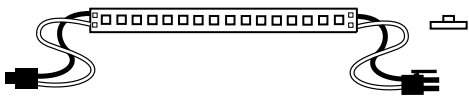
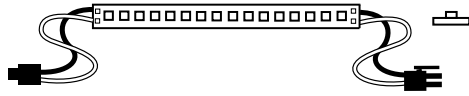
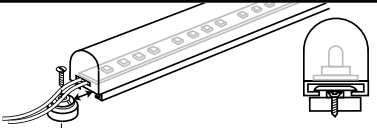
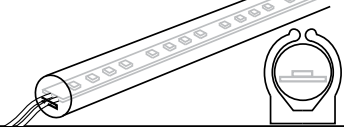
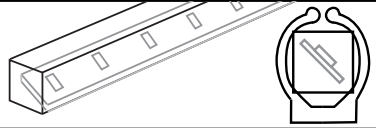
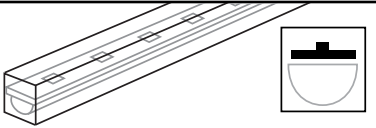
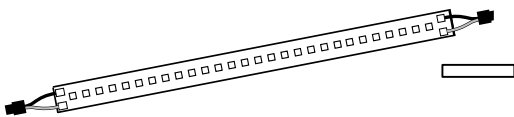
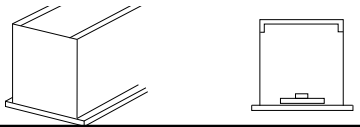
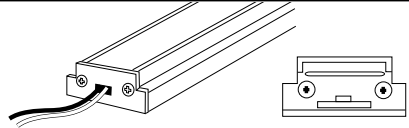
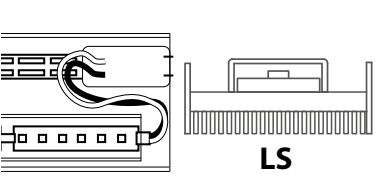
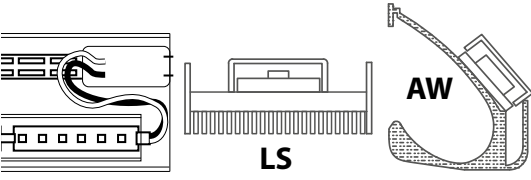
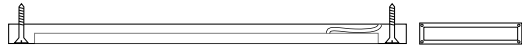
DLED-6200-LS LED High Power LED Light Segment

MAX. LENGTH PER FEED: 60"
MAX FIXTURE LENGTH: 24"

DLED-6300 Enlighten Illuminator LED Wall Sconce - Dry Location

LENGTH: 12", 24"

*COLORS (BLUE, RED, GREEN and YELLOW) ARE AVAILABLE ON SOME LED FIXTURES. CHECK INDIVIDUAL PRODUCT SPEC SHEETS FOR DIMMING INFORMATION AND USE OF APPROPRIATE POWER SUPPLIES.

COLOR TEMP.*	WATTS PER FT.	VOLTS	DIMMING	CRI	LUMENS PER FT.	DIAGRAM
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	140	
2700K 3000K 3500K	3.9W	24 VOLT AC/DC	YES	82+	260	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
3K90	3.9W	24 VOLT DC	YES	97	356	
3K90	3.9W	24 VOLT DC	YES	97	285	
3K90	3.9W	24 VOLT DC	YES	97	285	
2700K	14.8W	24 VOLT DC	YES	90	900	
2700K	14.8W	24 VOLT DC	YES	90	900	
2700K	6.2W (12") 11.8W (24")	24 VOLT DC	YES	80	350	

ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

WARRANTY: 5 year / 50,000 Hrs. (in an environment that reaches no higher than 60°C / 140°F) for 5000, 5100, 5600 and 6000 Series. 3 year / 35,000 Hrs. for all other LED projects. Please see individual product pages. Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.

DREAMSCAPE LED LINEAR

PRODUCT IMAGES



NOTE: Specifications are subject to change without notice. Please see our website at www.dreamscapelighting.com for the latest product information, specs and new product additions.

UNDERSTANDING LED LIGHT SEGMENTS

DLED-5000
DLED-5100

DLED-5200
DLED-5300
DLED-5400

DLED-6000AC
DLED-6200LS

Fixture Description: Light Segments are LED modules linked together by short jumper wires. They provide a very flexible light source that can be used to light curves or irregular surfaces. A wide collection of LED modules are available to meet the different application requirements, including interior, exterior, 90 lumen output to 900 lumen output. You can refer to the LED module spec sheets to find the correct LED product for your application. All LED products have been designed to provide a long consistent color over their expected lamp life which varies from 35,000 hours up to 50,000 hours, depending on the actual LED module. See individual product page.

Dreamscape LED products offer a low energy consumption, low maintenance, high lumen output lighting solution. They are designed to meet the lighting requirements for architectural illumination.

Construction: LED diodes are soldered to a rigid PC board with jumper wires and feed wires pre-wired and attached.

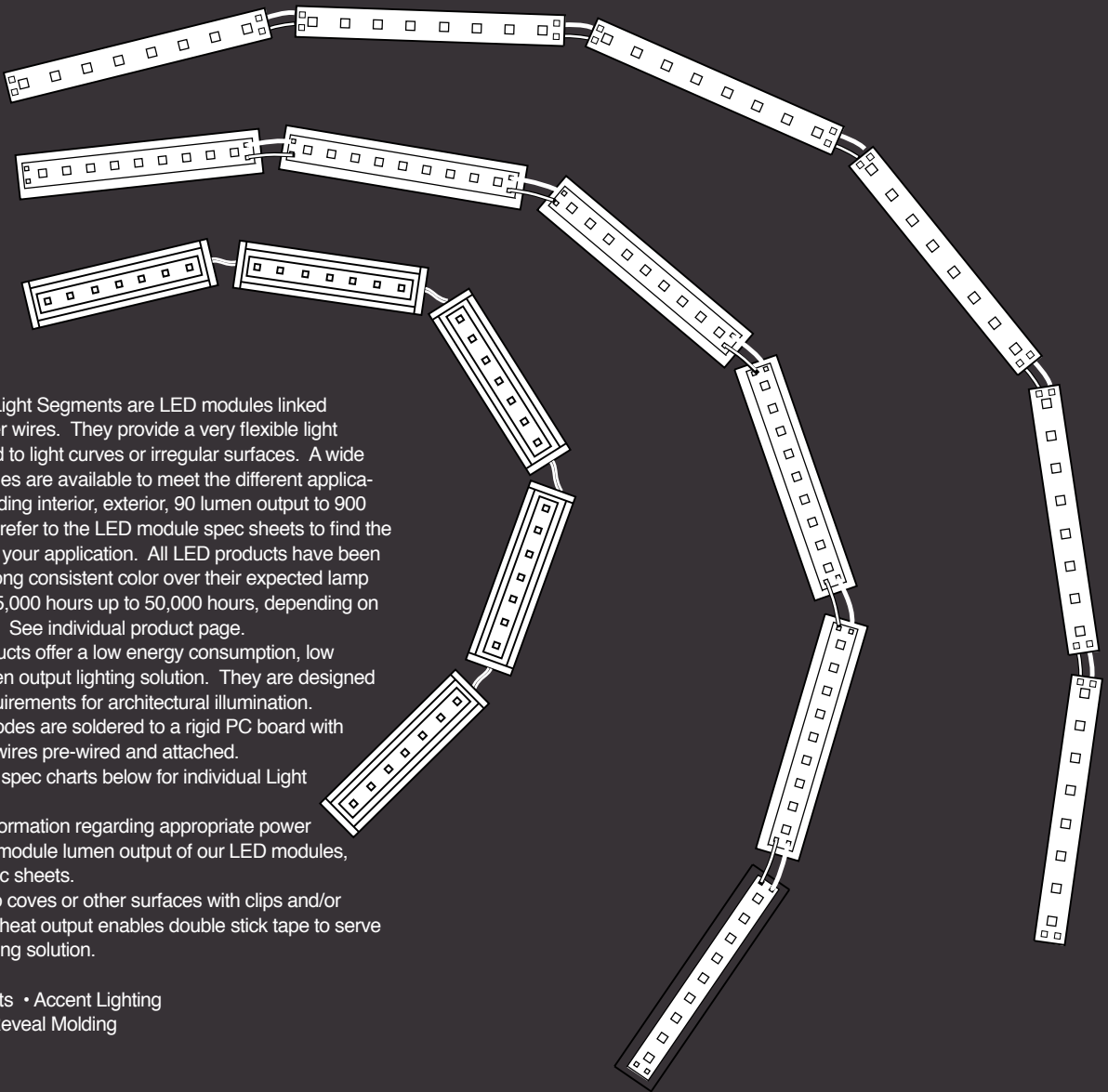
Electrical: Please see spec charts below for individual Light Segments fixtures.

For the most current information regarding appropriate power supplies, dimming and module lumen output of our LED modules, consult our website spec sheets.

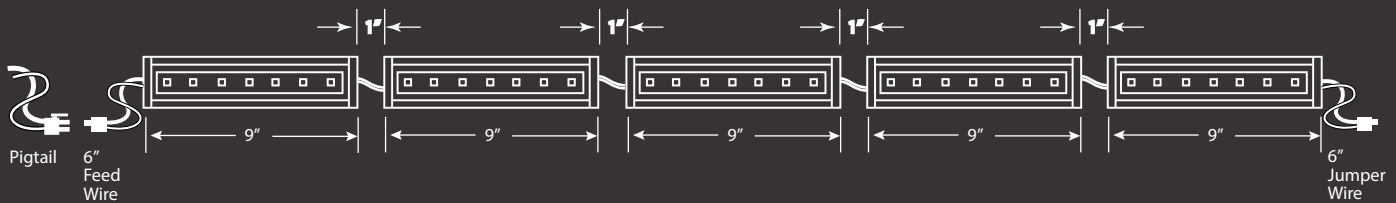
Mounting: Mounts into coves or other surfaces with clips and/or double stick tape. Low heat output enables double stick tape to serve as a long lasting mounting solution.

Applications:

- Coves • Light Pockets • Accent Lighting
- Cabinet Lighting • Reveal Molding



HOW TO MAKE A SEGMENT PART NUMBER



DLED-5100LS - (9" - 5 - 1") - F6" - J6" - 2700 - P12"

PRODUCT STYLE

- DLED-5000
- DLED-5100
- DLED-5200
- DLED-5300
- DLED-5400
- DLED-5600
- DLED-6000AC
- DLED-6200AW
- DLED-6200LS

SEGMENT LENGTH

QTY. OF SEGMENTS

CONNECTOR WIRE LENGTH BETWEEN SEGMENTS

FEED WIRE LENGTH

JUMPER WIRE LENGTH

COLOR TEMP. 3000

PIGTAIL LENGTH

NOTE: Specify connector, feed, jumper and pigtail wire lengths (1" min., 8" max wire). See individual spec sheets for more technical information.

DLED-5600 - 3.9W Series

HIGH CRI DIMMABLE DAMP LOCATION LIGHT STRIP



Fixture Description:

A continuous high power LED dimmable damp location light strip (maximum 12 foot run per feed) that offers an even glow at a huge savings over incandescent, halogen, or fluorescent. Runs cooler than incandescent or halogen, and contains no harmful gasses. 50,000 hour lamp life saves on maintenance and re-lamping costs.

Construction:

High power 28 LED diodes per foot wired into rigid LED strip with feed wire pre-wired and attached.

Electrical:

24 Volt DC. 3.9 Watts per foot. Dimmable. **IMPORTANT: LED strips are to be fed from UL Listed Class II constant voltage drivers.**

Mounting:

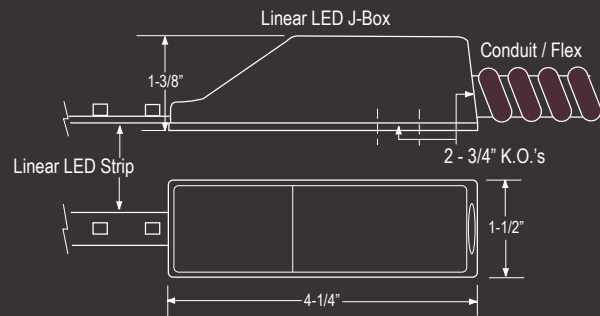
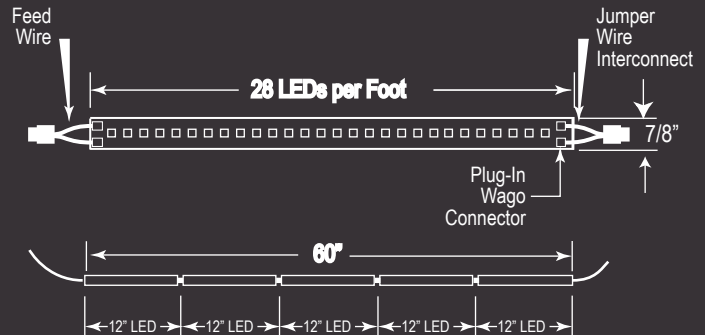
Mounts into covers or other surfaces with screws and/or approved heat transfer double stick tape.

Applications:

- Any interior application where color rendition is key, including
- Cove lighting • Cabinet lighting • Under cabinet lighting

NOTE: Use reverse phase dimming with neutral.

LED Specifications	
Voltage	24V DC
Watts	3.9W per foot
Lumens per Foot	356
Color Temperature	3K90
CRI	97
Beam Spread	120°
Maximum Run	12'
Maximum Single Length	5'
Mounting	Screws or approved heat transfer double stick tape
Warranty	5 year / 50,000 Hrs. (in an environment that reaches no higher than 105°F). NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.



Secondary Wire Spec	
Maximum Load	96W
Maximum Distance	50 feet
Wire	14AWG 2/C Type CM-CL2 ETL-CM CL3 Standard copper conductor

Model Number	LED Length	Feed Wire Length	Jumper Wire	Color Temp.
DLED-5600-3.9W	(_____) MOL Optimal dimension divide by 3.	3", 6", 12" 18", 30", CUSTOM	3", 6", 12" 18", 30", CUSTOM	3K90

Ordering Example: **DLED-5600-3.9W-60"-3"-3"-3K90**



DLED-6000 SH Shallow Mount Series

HIGH CRI ENCLOSED LED WITH DIFFUSION LENS

Fixture Description:

A high CRI, continuous power LED dimmable light strip shallow mounted (5/8") inside an aluminum channel extrusion (maximum 12' run per feed) at a huge savings over incandescent or halogen. Runs cooler than incandescent or halogen, and contains no harmful gasses. Supplied with an acrylic diffuser. 35,000 hour lamp life saves on maintenance and re-lamping costs. High CRI provides superior color rendition for food items in the kitchen and skin tones in the bath / vanity area. 50,000 hour lamp life saves on maintenance and re-lamping costs.

Construction: 28 LED diodes per foot wired into rigid LED channel attached to an aluminum extrusion with snap-on diffuser.

Diffuser: Diffused extruded lens.

Electrical: 24 Volt DC. 3.9 Watts per foot. 285 lumens per foot LED light source. Dimmable. Remote Class II constant voltage 24V driver required.

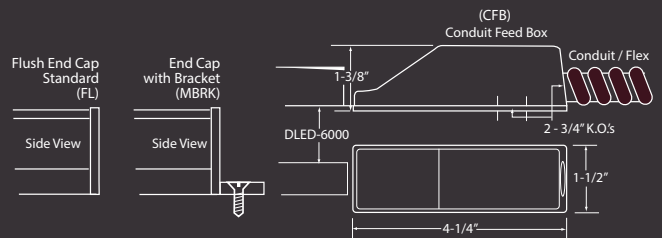
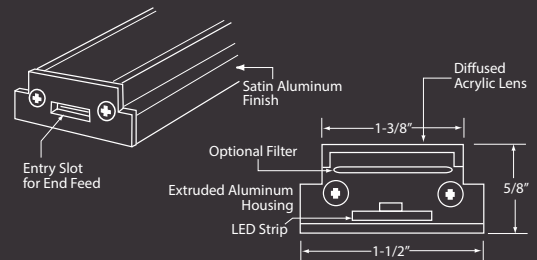
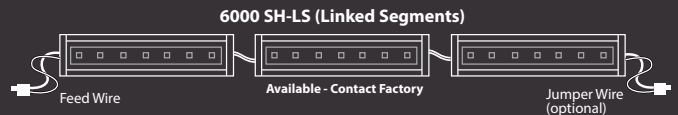
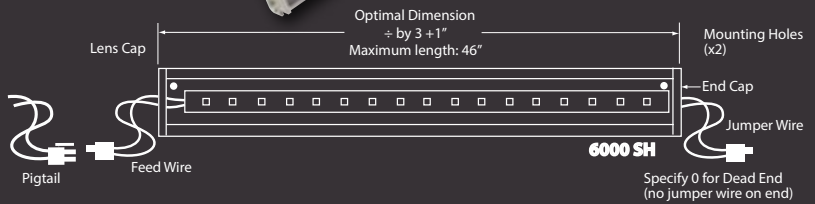
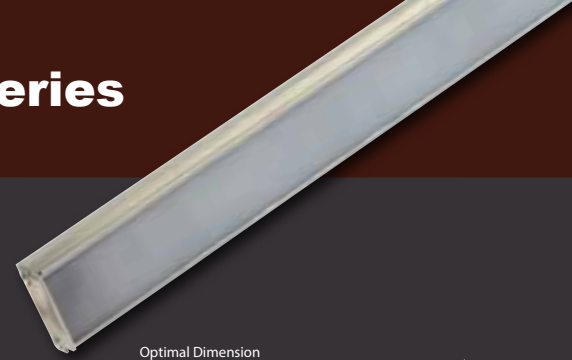
Mounting: Mounts into coves, under cabinets, bookshelves, or other surfaces with screws. 3/16" holes in back or end cap with bracket.

Label: ETL

Applications:

- Any interior application where color rendition is key, including
- Under cabinet lighting • Closets • Task lighting • Coves • Light Pockets
- Accent Lighting • Restaurants • Bedroom • Hospitality • Suites
- Themed areas

Please consult our website for any updated specifications on this product:
www.dreamscapelighting.com



Remote Power Supplies

DL-LTF 2496-DIM-RE-96	96W Maximum 16' LED board per home run.
DL-LTF 2460-DIM-RE-60	60W Maximum 10' LED board per home run.

NOTE: Use reverse phase dimming with neutral.

LED Specifications

Voltage	24V DC
Watts	3.9 Watts
Lumens per Foot	285
CRI:	97
Color Temp.:	3K-90
Beam Spread	120°
Maximum Run per Feed	12'
Maximum Single Length	46"
Mounting	Attached to extrusion
Warranty	5 year / 50,000 Hrs. (in an environment that reaches no higher than 105°F) NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.

Secondary Wire Spec

Maximum Load	100W
Maximum Distance	50 feet
Wire	14AWG 2/C Type CM-CL2 ETL-CM CL3 Standard copper conductor

Model Number	LED Length	Feed Wire	Jumper Wire	End Cap	Finish	Color Temp.	Pigtail
DLED-6000SH	7", 10", 13", 16", 19", 22", 25", 28", 31", 34", 37", 40", 43", 46"	6", 1', 2', 3', 4', 5', 6'	6", 1', 2', 3', 4', 5', 6' 0 (dead end for end of run)	FL Flush Mount MFRK Mounting Bracket	SA Satin Aluminum Clear Kit BL Black WH White CU Custom	3K-90	6", 1', 2', 3', 4', 5', 6'

Ordering Example: **DLED-6000SH-37"-6"-0-FL-SA-3K90-6"**



LM-79 REPORT HIGHLIGHTS

FOR DLED-5600 HIGH CRI 3.9W BOARD (USED ALSO BY DLED-6000 SH)



8165 E Kaiser Blvd. Anaheim, CA 92808
p. 714.282.2270
f. 714.676.5558

Report No: L111401001

Date: 11/10/2014



NVLAP LAB CODE 200927-0

Report No: L111401001

Report Prepared For: Dreamscape Lighting
5521 Washington Blvd, Los Angeles, CA 90016

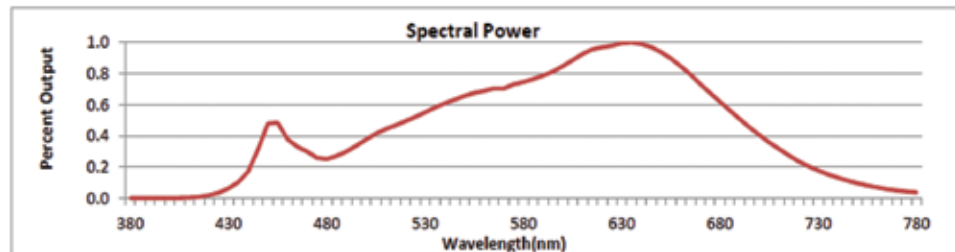
Model Number: DLED-5600-3.9W

Test Summary

Manufacturer:	Dreamscape Lighting
Model Number:	DLED-5600-3.9W
Driver Model Number:	LTF DA12W24V-0000
Total Lumens:	356.63
Input Voltage (VAC/60Hz):	120.00
Input Current (Amp):	0.05
Input Power (W):	5.04
Input Power Factor:	0.79
Current ATHD @ 120V(%):	30%
Current ATHD @ 277V(%):	N/A
Efficacy:	71
Color Rendering Index (CRI):	97
Correlated Color Temperature (K):	3077
Chromaticity Coordinate x:	0.4315
Chromaticity Coordinate y:	0.4019
Ambient Temperature (°F):	77.0
Stabilization Time (Hours):	0:30
Total Operating Time (Hours):	0:50
Off State Power(W):	0.00

R Values

R1	98.43
R2	98.50
R3	95.97
R4	98.08
R5	97.30
R6	96.90
R7	97.74
R8	94.94
R9	87.70
R10	94.36
R11	97.86
R12	82.37
R13	98.62
R14	96.77



Wavelength	W/m ² nm	440	0.1727	510	0.4436	580	0.7465	650	0.9383	720	0.2356
380	0.0009	450	0.4803	520	0.4945	590	0.7873	660	0.8472	730	0.1776
390	0.0009	460	0.3773	530	0.5508	600	0.8466	670	0.7328	740	0.1319
400	0.0013	470	0.2991	540	0.6090	610	0.9261	680	0.6194	750	0.0962
410	0.0040	480	0.2516	550	0.6563	620	0.9684	690	0.5077	760	0.0690
420	0.0185	490	0.2998	560	0.6897	630	0.9960	700	0.4052	770	0.0507
430	0.0634	500	0.3775	570	0.7045	640	0.9891	710	0.3159	780	0.0368

DLED-6300 ENLIGHTEN ILLUMINATOR SERIES

VERY SHALLOW EDGE LIT LIGHT SOURCE

Fixture Description:

The DLED-6300 Enlighten Illuminator is a 24V LED light panel that provides even LED illumination with a very shallow profile. Enlighten Illuminator is designed to give long consistent color over the 35,000 hr. lamp life, because of good thermal management of the SMD's and quality phosphors used in production. This LED light panel can be used as an accent or undercabinet / shelf light, or as a wall sconce with clean, modern lines. A 35,000 hr. lamp life greatly reduces maintenance. Available in a direct to surface (DTS).

Construction:

Steel / aluminum white powder coated frame that encases the LED source.

Electrical:

24 Volt DC Constant Voltage remote driver for 12" and 24" fixture. 350 lumens per foot. Dimmable. Bottom feed. Wattages: 12" (6.2 watts), 24" (11.8 watts). See diagrams at right for wire exit position. ETL listed.

Applications:

- Wall Sconce • Cabinet Lighting • Accent Lighting

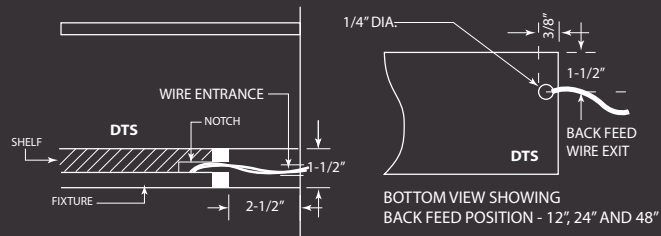
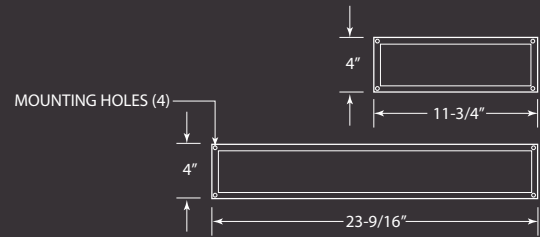
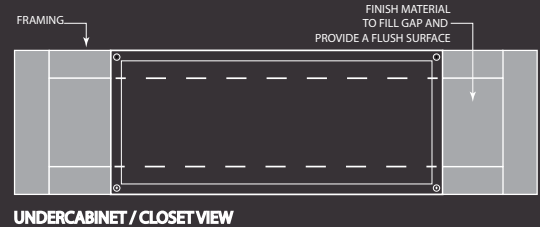
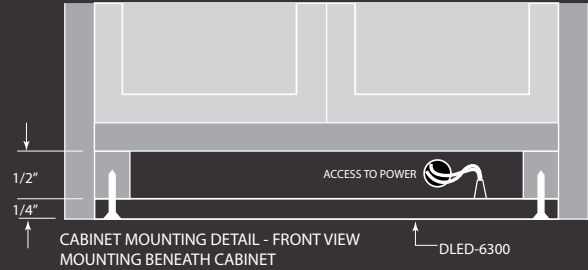
Mounting:

Surface mount utilizing screws provided.

Label:

ETL Listed. Approved for closets.

NOTE: Contact Dreamscape Lighting for appropriate constant voltage dimmable remote power supply. For most current information consult our website at www.dreamscapelighting.com.



LED Specifications	
Voltage	24 Volt DC Constant Voltage
Watts	12" - 6.2 Watts
	24" - 11.8 Watts
	48" - 58 Watts
Lumens	350 (12")
	700 (24")
	4050 (48")
Color Temp.	2700K
CRI	80
Beam Spread	120°
Mounting	Direct to surface
Warranty	3 year / 35,000 Hrs. (in an environment that reaches no higher than 60°C / 140°F). NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.

Model Number	Length (depends on Mounting)	Mounting	Color Temp
DLED-6300	12 (4"W x 11-3/4"L)	DTS Direct to Surface 12", 24"	2700K
	24 (4"W x 23-9/16"L)		

Ordering Example: **DLED-6300-24-DTS-2700**





DLED-6300 flat panel illumination is the perfect solution for undercabinet lighting in the kitchen.



DLED-6200-AW

HIGH POWER LED ANGLED WASH AND CEILING ILLUMINATOR

Fixture Description:

A continuous high power LED angled light channel for cove lighting or as an architectural detail illuminator with an aluminum channel extrusion that offers a bright energy saving light source at a huge savings over incandescent or halogen. Contains no harmful gasses. 35,000 hour lamp life saves on maintenance and re-lamping costs.

Construction: 6 high-power LED diodes per foot wired into rigid aluminum channel extrusion with heat sink.

Electrical: 24 Volt DC. 14.8 Watts per foot. 900 lumens per foot. Remote constant voltage driver required. * Dimmable (0 - 10 volt control) down to 30%. Consult factory. 60W or 96W driver.

Mounting: Mounts into coves, or on top of cabinets, bookshelves, or other surfaces with screws. 3/16" holes in back.

Applications:

- Coves • Light Pockets • Accent Lighting
- Restaurants • Indirect Lighting • Bedroom
- Hospitality • Suites • Themed areas

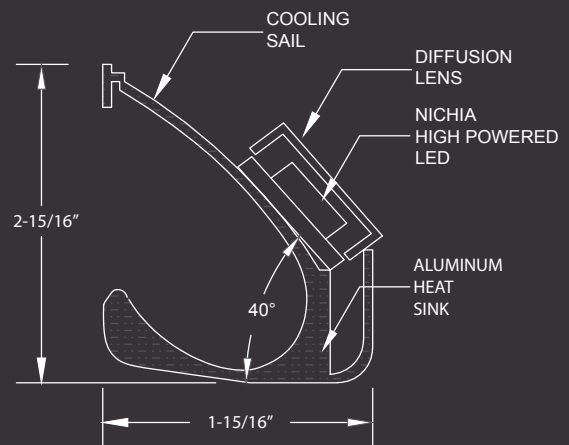
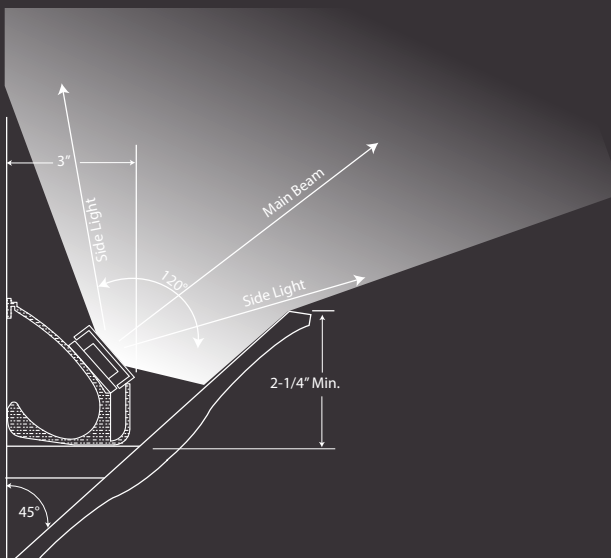
Use approved UL listed Class II LED constant voltage driver.

Note: LED length must be in 6" increments



LED Specifications

Voltage	24V DC
Watts	14.8W per foot
Lumens per Foot	900
Color Temperature	2700K
CRI	90+
Beam Spread	120°
Maximum Run Per Feed	60"
Maximum Single Length	96"
Mounting	Screw
Warranty	3 year / 35,000 Hrs. (in an environment that reaches no higher than 60°C / 140°F). NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.



Model Number	Lengths	Color Temp.
DLED-6200-AW	6", 12", 18", 24", 30", 36", 42", 48", 54", 60", 66", 72"	2700K





Dreamscape Linear LED Lighting

A dramatic sweep of light that defines an architectural space, both at ground and ceiling level. In this application, Dreamscape Lighting's DLED-6200-LS achieves a graceful arc due to the linked segments (LS) feature of this dynamic light form.

DLED-6200-LS

HIGH POWER LED INDIRECT LIGHT CHANNEL

Fixture Description:

A continuous high power LED light channel for cove lighting with an aluminum channel extrusion that offers a bright energy saving light source at a huge savings over incandescent or halogen. Contains no harmful gasses. 35,000 hour lamp life saves on maintenance and re-lamping costs.

Construction: 6 high-power LED diodes per foot wired into rigid aluminum channel extrusion with heat sink.

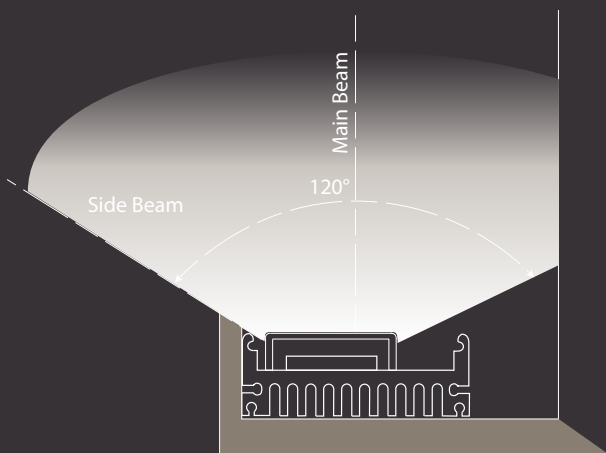
Electrical: 24 Volt DC. 14.8 Watts per foot. 900 lumens per foot. Remote constant voltage driver required. * Dimmable (0 - 10 volt control). Consult factory. 60W or 96W driver.

Mounting: Mounts into coves, or on top of cabinets, bookshelves, or other surfaces with screws. 3/16" holes in back.

Applications:

- Coves • Light Pockets • Accent Lighting
- Restaurants • Indirect Lighting • Bedroom
- Hospitality • Suites • Themed areas

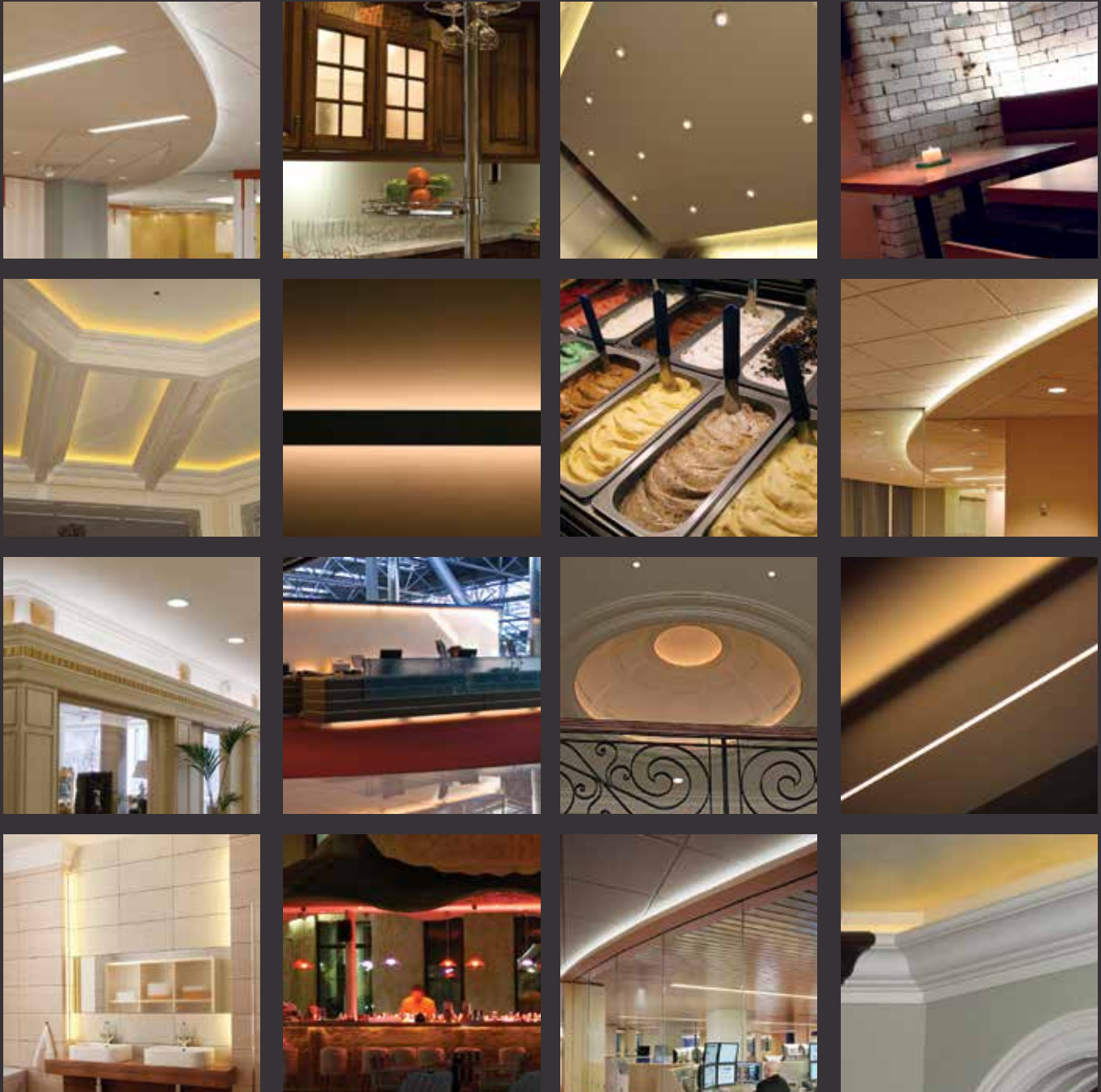
LED Specifications	
Voltage	24V DC
Watts	14.8W per foot
Lumens per Foot	900
Color Temperature	2700K
CRI	90+
Beam Spread	120°
Maximum Run Per Feed	60'
Maximum Single Length	99'
Mounting	Screw
Warranty	3 year / 35,000 Hrs. (in an environment that reaches no higher than 60°C / 140°F). NOTE: Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.



Even when competing with daylight, the DLED-6200-LS features an impressive 900 lumens per foot at only 13.5 watts per foot. No wonder that this application utilizes DLED-6200-LS. This illuminated rotunda faces a floor to ceiling window.

Model Number	Lengths	Jumper Lengths (JL)	Color Temp.
DLED-6200-LS	6" or 12" or Custom LED Length	JL-2	2700K
		2"	
		JL-4	
		4"	
		JL-6	
		6"	

Ordering Example: **DLED-6200-LS-12-JL-2-2700K**



A full range of wattages, lengths, mountings, extrusions,
 color temps and CRI in an extensive collection of
 energy saving LED architectural linear products.

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