LED LIGHT STRIP

CONTINUOUS LED LIGHTING SYSTEM

Lucy Chen Photography
Sladen Feinstein Integrated Lighting

dreamscape
LIGHTING MFG., INC.

DREAMSCAPE LED LINEAR PRODUCT MATRIX

CONTINUOUS LED ARCHITECTURAL LIGHTING SYSTEMS

Energy saving lighting has come a long way since the dawn of compact fluorescents. The LED light source has provided a new resource for designers to save energy and create exciting lighting design.

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 a CRI of 80 and above. 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-5700 Flexible LED Linear Lighting Elements Color Changing (RGB) Damp Location
MAX. LENGTH PER FEED: 12'
MAX SINGLE LENGTH FOR LED: 72"

DLED-6000 AC LED Damp Location
MAX. LENGTH PER FEED: 96"
MAX SINGLE LENGTH: 46"

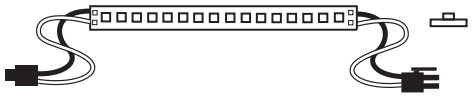
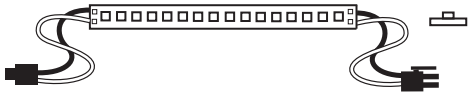
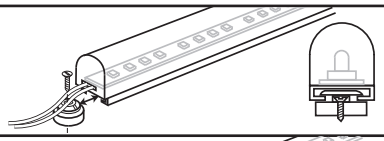
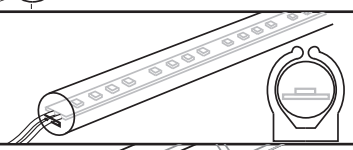
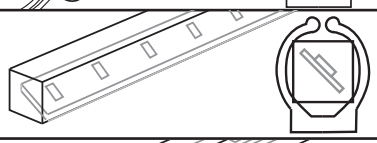
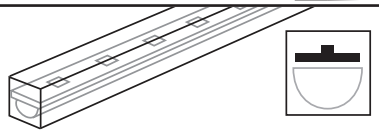
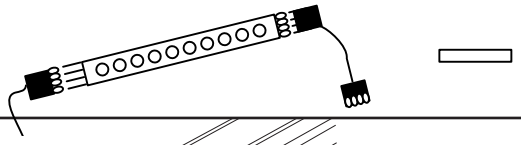
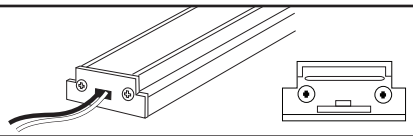
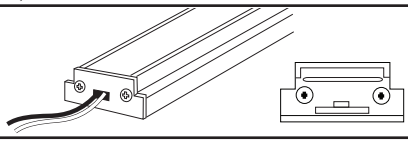
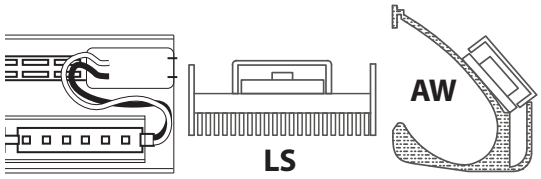
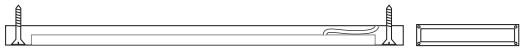
DLED-6000 DC LED Damp Location
MAX. LENGTH PER FEED: 41"
MAX SINGLE LENGTH: 99"

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", 48"

*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.

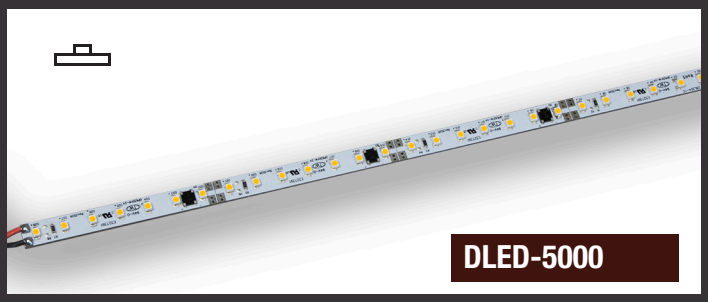
COLOR TEMP.*	WATTS PER FT.	VOLTS	DIMMING	CRI	LUMENS PER FT.	DIAGRAM
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	140	
2700K 3000K 3500K	3.9W	24 VOLT AC/DC	YES	82+	260	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
2400K 2700K 3000K 6500K	2.5W	24 VOLT AC/DC	YES	80	95	
RGB	4.0W	24 VOLT DC	N/A	N/A	86	
2700K 3000K 3500K	3.9W	24 VOLT AC/DC	YES	82+	200	
2700K	4.8W	24 VOLT DC	YES			
2700K	13.5W	24 VOLT DC	YES	80	900	
2700K	13.5W	24 VOLT DC	YES	80	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). Please contact factory regarding warranty if fixture is exposed to higher ambient temperatures.

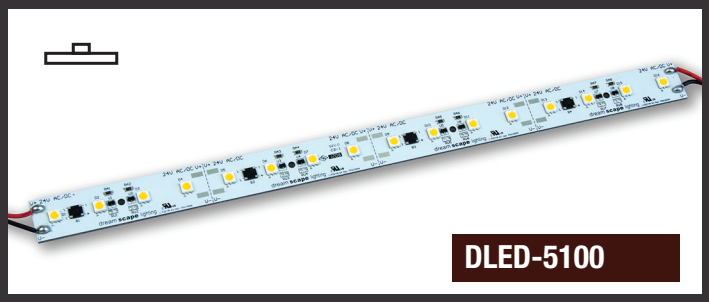
CHECK OUR WEBSITE AT WWW.DREAMSCAPELIGHTING.COM FOR PRODUCT UPDATES.

DREAMSCAPE LED LINEAR

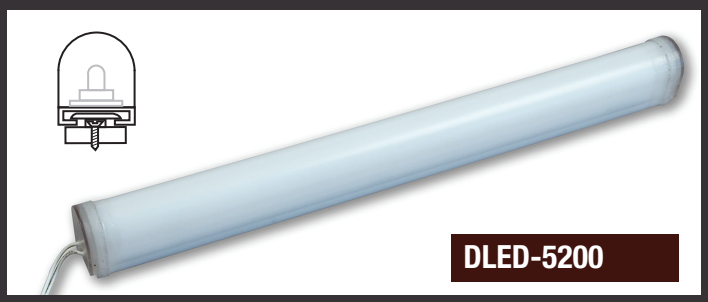
PRODUCT IMAGES



DLED-5000



DLED-5100

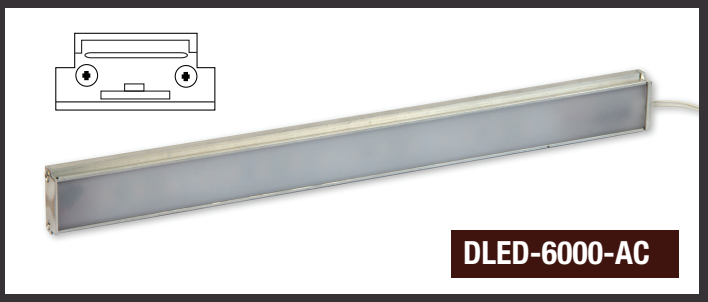


DLED-5200

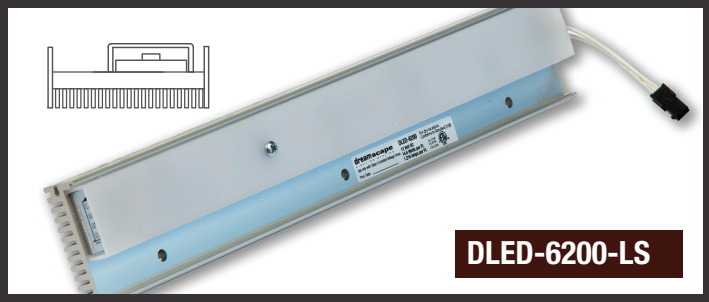
DLED-5300 WL

DLED-5400 Clear

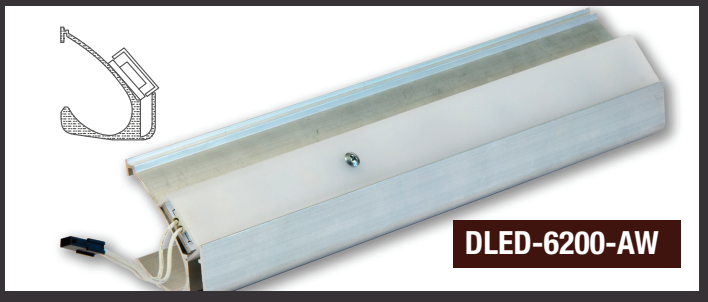
DLED-5400 Frosted



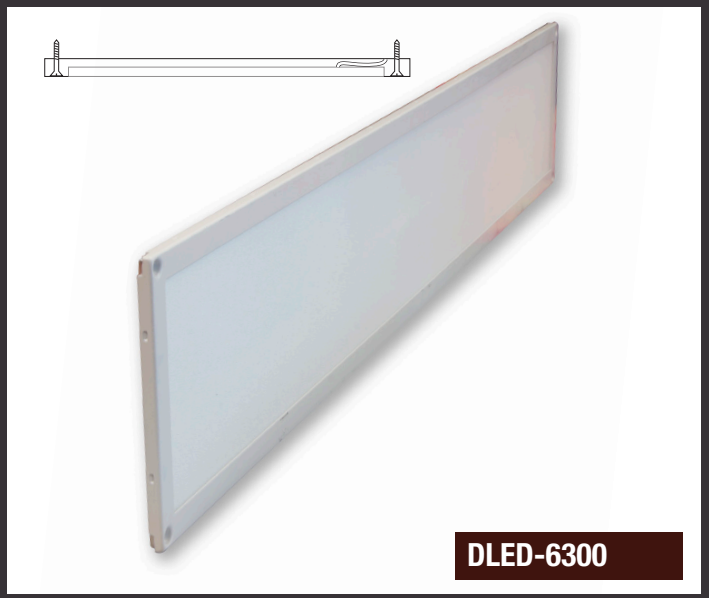
DLED-6000-AC



DLED-6200-LS



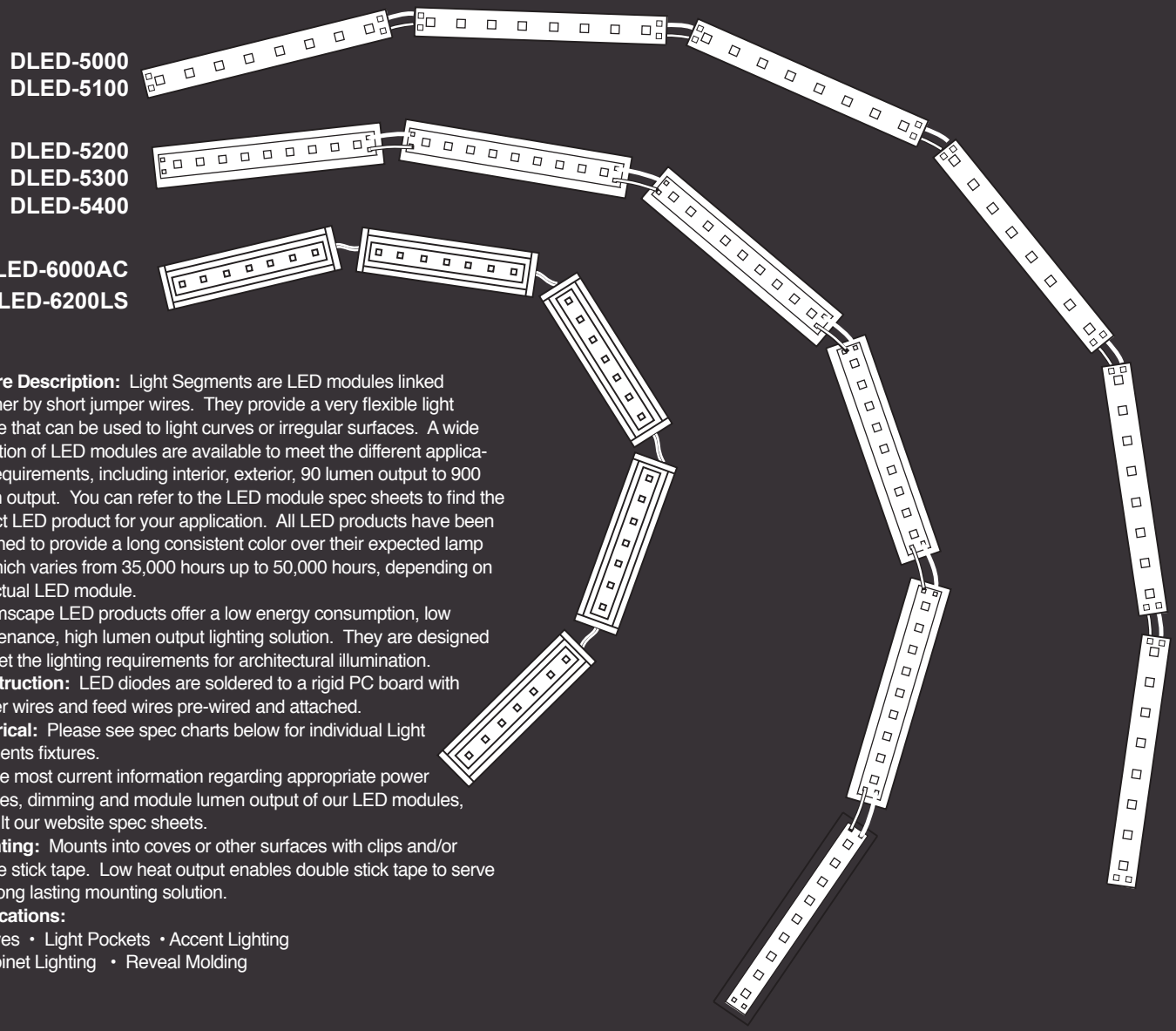
DLED-6200-AW



DLED-6300

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



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.

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.

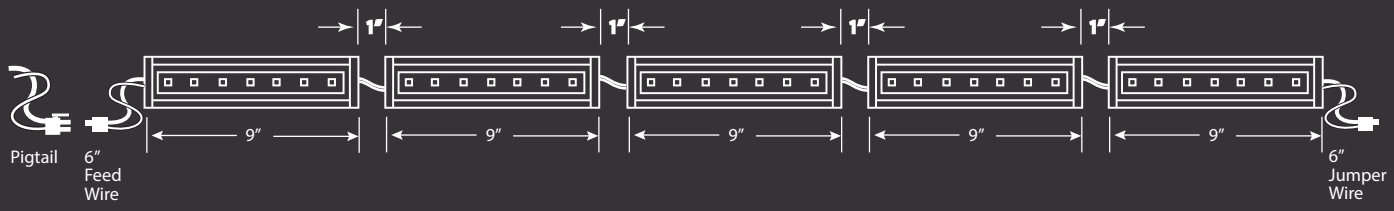
For the most current information regarding appropriate power supplies, dimming and module lumen output of our LED modules, consult our website spec sheets.

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"

- DLED-5100LS — PRODUCT STYLE: DLED-5000, DLED-5100, DLED-5200, DLED-5300, DLED-5400, DLED-6000AC, DLED-6200AW, DLED-6200LS
- (9" — SEGMENT LENGTH
- 5 — QTY. OF SEGMENTS
- 1") — CONNECTOR WIRE LENGTH BETWEEN SEGMENTS
- F6" — FEED WIRE LENGTH
- J6" — JUMPER WIRE LENGTH
- 2700 — COLOR TEMP. 3000
- P12" — 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-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.

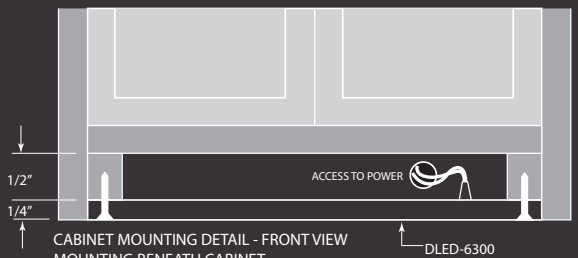
Electrical:
24 Volt DC Constant Voltage remote driver for 12" and 24" fixture. Contact factory for 48" fixture driver. 350 lumens per foot. Dimmable. Bottom feed. Wattages: 12" (6.2 watts), 24" (11.8 watts.), 48" (58 watts). See diagrams at right for wire exit position. ETL listed.

Applications:
• Wall Sconce • Cabinet Lighting • Accent Lighting

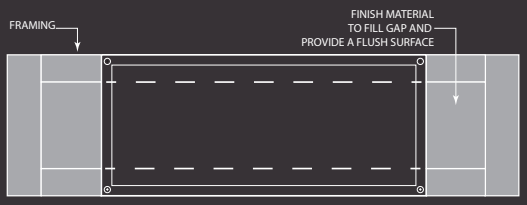
Mounting:
Surface mount utilizing screws provided.

Label:
ETL Listed. Approved for closets.

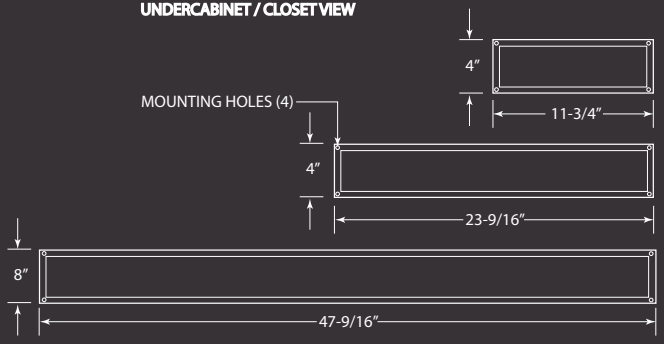
NOTE: Contact Dreamscape Lighting for appropriate constant voltage dimmable remote power supply. For most current information consult our website at www.dreamscapelighting.com.

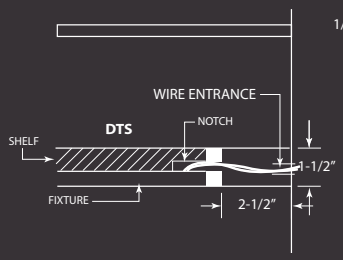


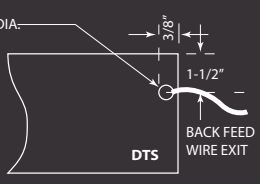
CABINET MOUNTING DETAIL - FRONT VIEW
MOUNTING BENEATH CABINET



UNDERCABINET / CLOSET VIEW







BOTTOM VIEW SHOWING
BACK FEED POSITION - 12", 24" AND 48"

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) **24** (4"W x 23-9/16"L) **48** (8"W x 47-9/16"L)	**DTS** Direct to Surface 12", 24", 48" **DTS-TB** T-Bar Application 48" only	**2700K**

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

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

DLED-5700 SERIES

RGB LED LINEAR LIGHTING SYSTEM

Fixture Description:
The DLED-5700 is an ingenious, easy-to-install family of color changing LED elements that are designed to work seamlessly with the ILC-100 Intelligent Lighting Controller to generate virtually any color of illumination (including white).

Construction:
60 (Enhanced brightness-EB) LED RGB diodes soldered per meter. Maximum length of 5 meters of continuous run. Longer lengths require a separate power feed to head-end of LED strip. Std. Water resistant-rated IP54 for moist locations. Super water resistant-rated IP67 with sealed power connector.

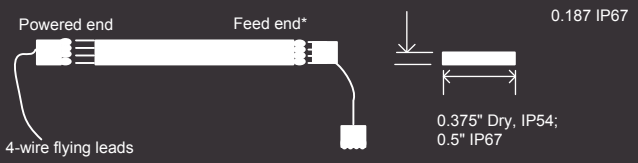
Electrical:
EB-24V DC. 4 watts per foot. 86 lumens per foot. Important: LED strips are to be fed from Class II UL Listed Power Supplies.
NOTE: Contact Dreamscape Lighting for complete control and power supply specification.
NOTE: Control system is Lutron compatible.

Mounting:
Mounts into coves or other surfaces with factory supplied 3M double-sided adhesive strips. Water resistant versions can be mounted using silicon straps and screws where moisture content may make adhesive strip weaken over time.

Applications:
- Soffit lighting • Navigational / accessibility lighting
- Decorative ambient • Focal Point • Home automation
- Ethernet and Serial control.

LED Specifications

Voltage	24VDC
Watts	4.0W / ft.
Lumens per Foot	86 (RGB)
Color Temp.	Variable
Beam Spread	120°
Maximum Run	16.4' (5M)
Maximum Single Length	16.4' (5M)
Mounting	3M tape, clips
Warranty	1 year (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.



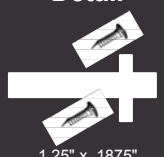
Leader Cable: 5.91" (15 cm)
PN: DLED-5700-LC-15

Flexible Interconnect Cable 5" (13cm)
(to connect to next FLLA)
PN: DLED-5700-IC-13
Note: maximum length of DLED-5700 run without running another Leader Cable to Powered end is 16.4' (5m)

LED Length Designation Conversion Table

Specifier	Inches / Feet	Metric
MLO-_____:	Customer Supplied	Customer Supplied
-010:	3"-15/16"	10 cm
-020:	7"-7/8"	20 cm
-050:	19"-11/16"	50 cm
-100:	39"-3/8"	1 meter
-300:	9' 10"-1/8"	3 meter
-500	16' 4"-7/8"	5 meter

Mounting Clip Detail



1.25" x .1875"
silicon

Model Number	Length (feet / m)	DC Voltage	Brightness	IP Rating
DLED-5700	_____ M.O.L. (specify unit) (maximum overall length - provide value and factory will calculate best choice(s) using combinations of below lengths. -010, 020, 050, 100, 300, 500	24	EB (Enhanced brightness - 60 LEDS / M)	Damp, Wet

Ordering Example: **DLED-5700-500 M.O.L.-24-EB-DAMP**

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. 13.5 Watts per foot. 900 lumens per foot. Remote constant voltge driver required. * Dimmable (0 - 10 volt control) down to 30%. Consult factory. 60W or 96W driver.

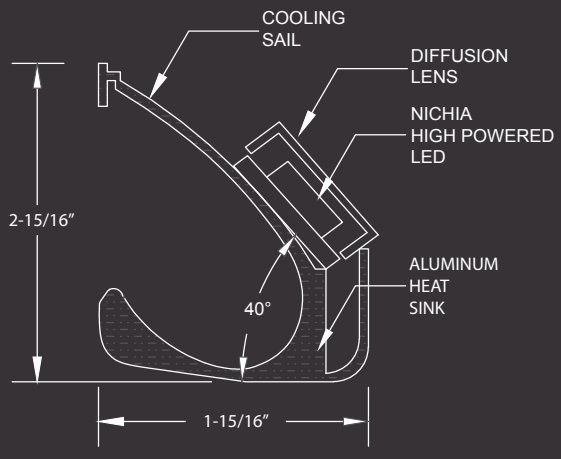
Mounting: Mounts into coves, or on top of cabinets, bookshelves, or other surfaces with screws. 3/16" holes in back.

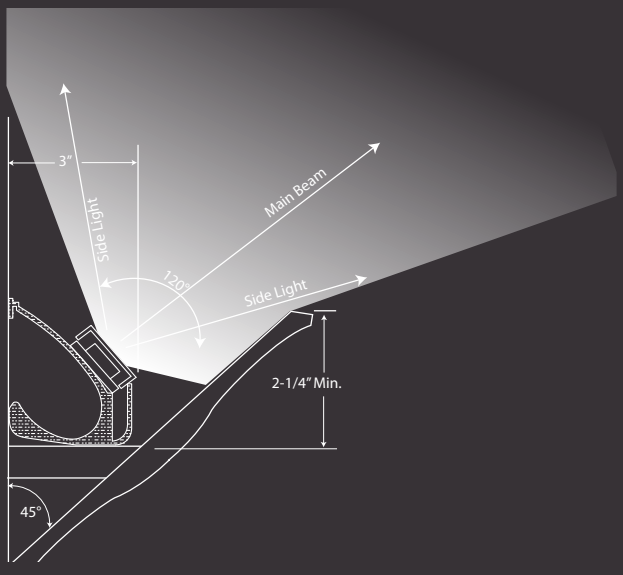
Applications:
- Coves • Light Pockets • Accent Lighting
- Restaurants • Indirect Lighting • Bedroom
- Hospitality • Suites • Themed areas

Use approved UL listed Class II LED constant voltage driver.
Note: LED length must be in 6" increments

LED Specifications

Voltage	24V DC
Watts	13.5W per foot
Lumens per Foot	900
Color Temperature	2700K
CRI	80
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.

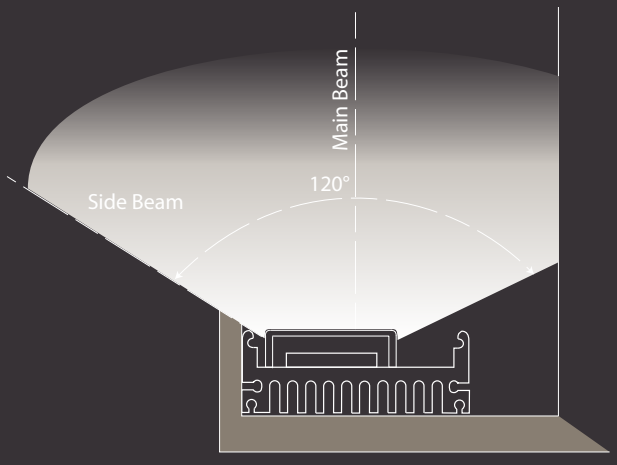
Construction: 6 high-power LED diodes per foot wired into rigid aluminum channel extrusion with heat sink.

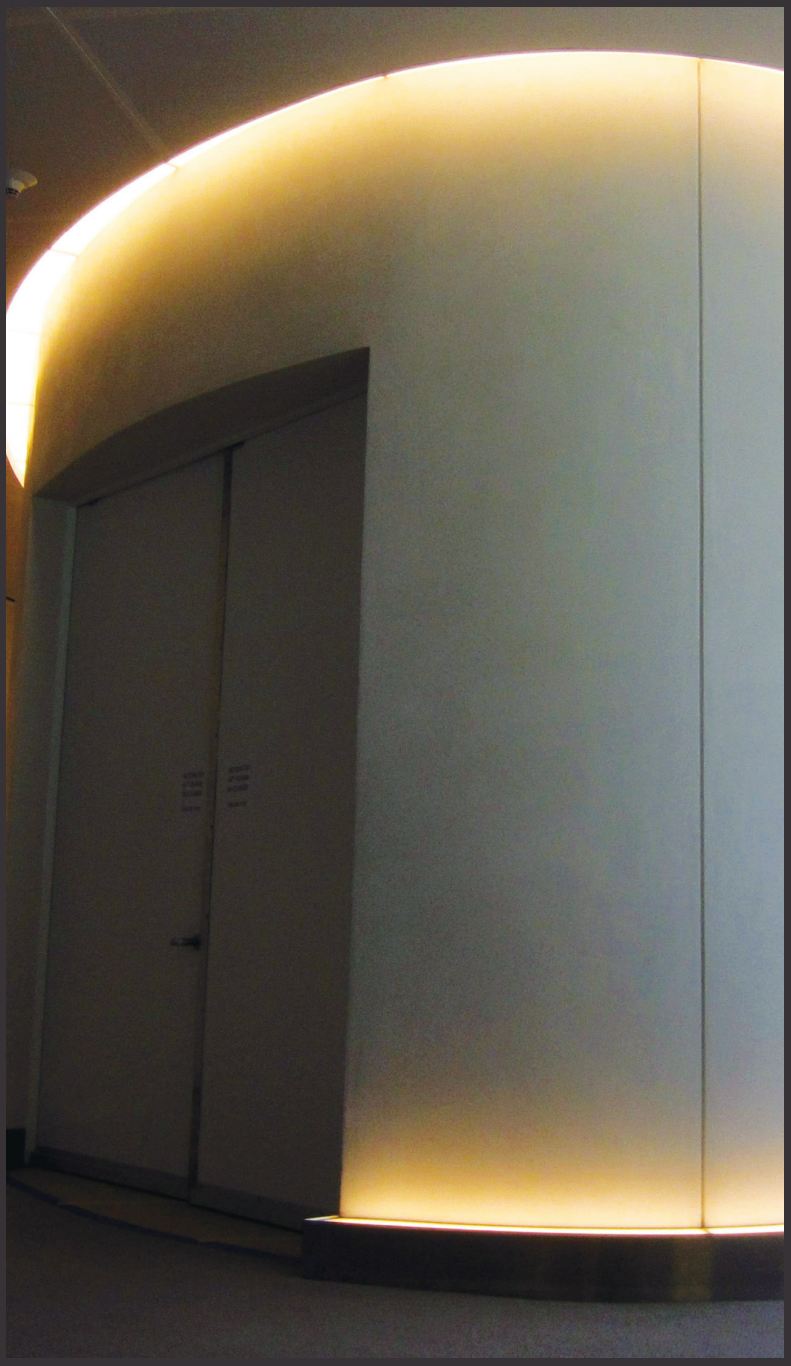
Electrical: 24 Volt DC. 13.5 Watts per foot. 900 lumens per foot. Remote constant voltge driver required. * Dimmable (0 - 10 volt control). Consult factory. 60W or 96W driver.

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	13.5W per foot
Lumens per Foot	900
Color Temperature	2700K
CRI	80
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.

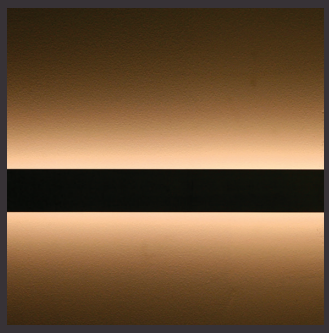


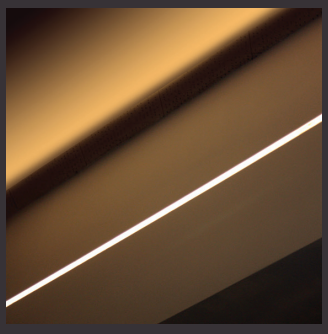


Even when competing with daylight, the DLED-6200-LS features an impressive 900 lumens per foot at only 13.5 watts per foot. No wonder that this application utlilizes DLED-6200-LS. This illuminated rotunda faces a floor to ceiling window.

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

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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