



# DURALUM™ IP20 INDOOR MODULE STRAND

## High Output LED Strand

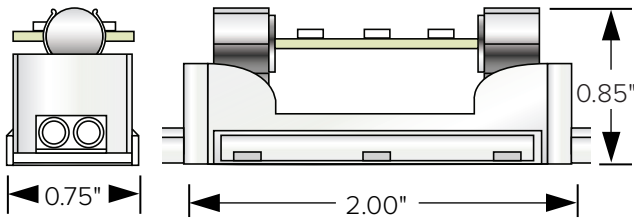
Adjustable multiple array LED modules in a flexible system for directional control of premium color illumination.

### Key Features

- Critical neutral to warm white color applications within +/-50°K, recommended for indirect illumination of interior coves, niches, toe kick and cabinetry with high CRI illumination on color or white backgrounds up to 5 feet high
- Flexible field cuttable dual wire system - 90° horizontal bend, 45° vertical bends for complex cove and niche applications
- Low maintenance, energy efficient lighting for high or low ambient light interior applications
- Multiple dimming options available



### Dimensional Drawings



### Details

- Spacing** 2.4" OC Spacing
- LED PCB** Replaceable SMD LED modules with 6 LED array with snap-in cap connection for rotational adjustability
- Adjustability** +/-60° directional LED modules (120° total adjustability) offers the ability to manually set the angular throw of light individually, distributing light over 300° range
- Colors** 2200°K, 2700°K, 3000°K and 3500°K
- MacAdam Ellipse** Advanced LED binning with +/- 2-step MacAdam ellipse
- Mounting** Optional aluminum mounting channel for linear mounting or mounting clips (2 per foot) for curved or arched applications
- Lens** Optional linear lens mounts in channel to protect LEDs from direct contact and create a maintainable dust cover
- Max run length** 75 LED PCBs per 4A class II circuit
- Listing** cULus Class 2 Listed
- Compliance** ROHS compliant
- Warranty** 3 year warranty

### Product Specification Guide

Spacing	Watt/ft	Product max run limitations (Ft/W/LED's)
2.4" OC	5.60W/ft	15' / 75 PCB's per 4A Class II circuit

### Fixture Data

Model DuraLum	Efficacy* Lm/Wt	CRI	Lm/Ft	Lm/ Module	Wt/ Module
2200°K at 2.4" OC	54.48*	85.2	245.16	49.03	0.9W
2700°K at 2.4" OC	63.37*	84.6	285.17	57.03	0.9W
3000°K at 2.4" OC	66.67*	83.5	300.00	60.00	0.9W
3500°K at 2.4" OC	71.38*	84.8	321.19	64.23	0.9W

\*Meets Title 24 High efficacy rating.

### Ordering Guide

PRODUCT CODE	LED SPACING	COLOR	OUTPUT	VOLTAGE	+	WIRING	+	MOUNTING	+	POWER SUPPLY
DRL — DuraLum™	24 — 2.4" OC	22 — 2200K 27 — 2700K 30 — 3000K 35 — 3500K	SO — Standard Output	24 — 24 VDC						

\*2400K available upon request

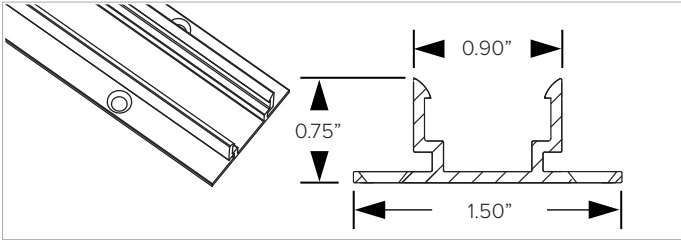
## Wiring



### DRL-TERM-BLK

Duralum terminal block available separately. Accepts AWG #10, 12 or 14 wire.

## Mounting

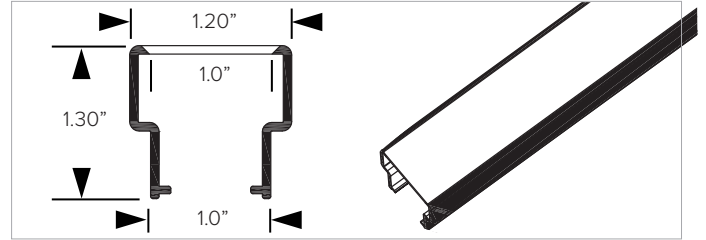


### DRL-CHAN-4

Aluminum mounting channel for straight run applications. Channel screws into place, lamp sockets fit into channel ensuring linear integrity and reducing installation time. Finish is standard satin aluminum. 1.5"W x 0.75"H. Available in 4' sections.

### DRL-CH-EC

Channel endcaps for aluminum mounting channel. Set of 2.



### DRL-LENS-C-4 *Clear Lens*

### DRL-LENS-F-4 *Frosted Lens*

### DRL-LENS-O-4 *Opaque Lens*

Clear, frosted or opaque polycarbonate lens for channel. Protects LED modules from direct contact. Available in 4' sections.



### DRL-EC

Each length of Duralum can be terminated with PVC end caps to protect and insulate the conductors at the end of a run.



### DRL-CC

White PVC cable mounting clamp secures Duralum cable to surface with a single screw on each side of clamp (screws not included).



# DURALUM™

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Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
<b>DMLV40124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>DMLV60124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>DMLV96124D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" <sup>1</sup>
<b>DMLV192224D</b>	MAGNETIC LOW VOLTAGE TRANSFORMER	192W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.00" x 4.15" x 3.41" <sup>1</sup>
<b>DELV40124D</b>	ELECTRONIC LOW VOLTAGE TRANSFORMER	40W	120-277V / 24V	PHASE (120V ONLY) / 0-10V DIMMING 10%	IP66 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" <sup>1</sup>
<b>DELV60124D</b>	ELECTRONIC LOW VOLTAGE TRANSFORMER	60W	120-277V / 24V	PHASE (120V ONLY) / 0-10V DIMMING 10%	IP66 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" <sup>1</sup>
<b>DELV96124D</b>	ELECTRONIC LOW VOLTAGE TRANSFORMER	96W	120-277V / 24V	PHASE (120V ONLY) / 0-10V DIMMING 10%	IP67 / NEMA4 ENCLOSURE	UL CLASS 2	11" x 4" x 2.21" <sup>1</sup>
<b>DEL60PWM</b>	ELECTRONIC PWM DRIVER STANDALONE, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS</b>	60W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
<b>DEL90PWM</b>	ELECTRONIC PWM DRIVER STANDALONE, <b>UL LISTED ENCLOSURE PROVIDED BY OTHERS</b>	90W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
<b>DELI601241CPWM</b>	ELECTRONIC PWM DRIVER	60W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" <sup>1</sup>
<b>DELI901241CPWM</b>	ELECTRONIC PWM DRIVER	90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" <sup>1</sup>
<b>DELI1802242CPWM</b>	ELECTRONIC PWM DRIVER	2X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>
<b>DELI2703243CPWM</b>	ELECTRONIC PWM DRIVER	3X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" <sup>1</sup>

<sup>1</sup> Dimensions include enclosure with mounting bracket.

\* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

\* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

\* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).