

Features

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 30' depending on output
- Suitable for undercabinet, millwork recessed and surface mount applications
- Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
- Louvers and Glare Shields available for clear, half-frosted, frosted & graze lens
- Vibrant colors with R9 values up to 98
- Single micro binned LEDs +/- 30 CCT
- Dims with minimal color shift
- Class 2 listed for damp locations
- Proprietary strong bond solder method handles up to 50lbs of torque on wire leads and connectors
- 5 Year warranty

Finish options



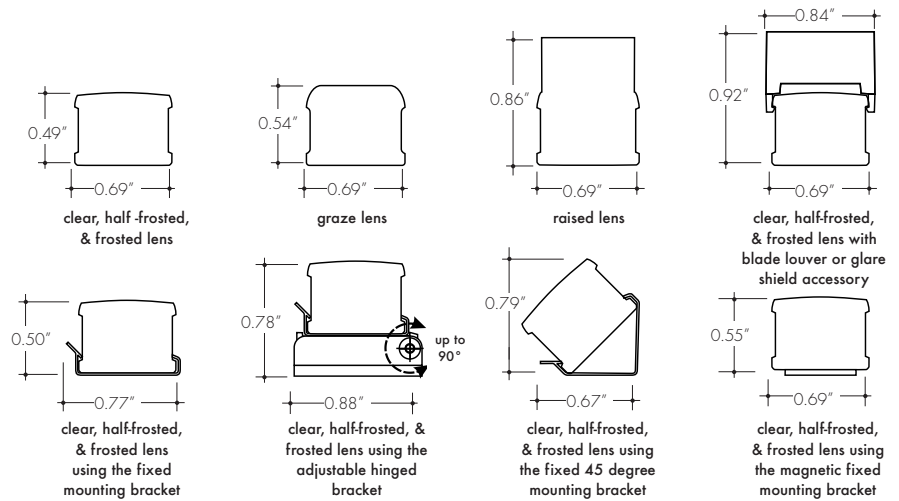
IC RATED

RoHS Compliant



- Silver anodized
- Black powder coated
- Bronze powder coated
- White powder coated

Profile dimensions



Technical information

OUTPUT OPTIONS

Output	Lumens at (with clear lens)	Average power consumption at 4'	Lumens / Watt (with clear lens)	Maximum system length In series
RGB (LLX18-RGB)	103 lm/ft	4.45 W/ft	23 lm/W	30'
RGBW (LLX18-RGBW)	156 lm/ft	5.60 W/ft	28 lm/W	20'

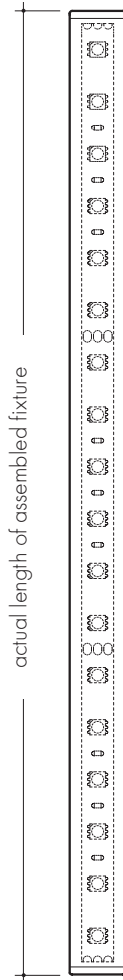
Ordering code

MODEL	LENGTH	COLOR	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION / TYPE	ACCESSORIES	
KM	12	RGB	MO	C	FC	SA	E	1	BLS
<small>KM - Kendo M</small>	<small>12" - 144" 4" increments</small>	<small>RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (3000K)</small>	<small>MO - Medium</small>	<small>C - Clear HF - Half-Frosted F - Frosted G - Graze *R - Raised</small>	<small>FC - Fixed clip AH - Adjustable hinge mounting FC45 - Fixed clip 45 degree MAG - Magnetic</small>	<small>SA - Silver BK - Black BZ - Bronze WH - White [BK,BZ,WH finishes will have an upcharge and require longer lead times]</small>	<small>E - End B - Back S - Side</small>	<small>1 - 72" wire leads 1X2 - 72" wire leads at both ends</small>	<small>_____ - N/A, leave blank BLS - Blade louver, Silver BLBK - Blade louver, Black BLWH - Blade louver, White GSS - Glare shield, Silver GSBK - Glare shield, Black GSWH - Glare shield, White</small>

*Will not work with louver & shield Accessory

Power consumption per fixture length*

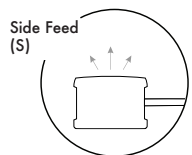
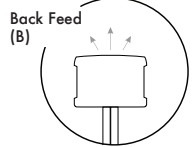
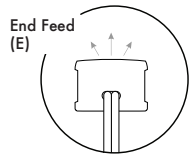
*with all circuits at full brightness



Nominal Length	Actual Length	RGB		RGBW	
		W/ft	Total wattage	W/ft	Total wattage
12"	12-12/16"	4.60	4.60	5.65	5.65
16"	16-11/16"	4.60	6.10	5.65	7.53
20"	20-10/16"	4.60	7.60	5.65	9.41
24"	24-8/16"	4.55	9.10	5.65	11.30
28"	28-7/16"	4.55	10.50	5.65	13.18
32"	32-6/16"	4.55	12.00	5.65	15.06
36"	36-6/16"	4.50	13.50	5.65	16.95
40"	40-4/16"	4.50	14.90	5.63	18.77
44"	44-3/16"	4.50	16.40	5.62	20.60
48"	48-2/16"	4.45	17.80	5.60	22.40
52"	52-1/16"	4.45	19.20	5.57	24.10
56"	56-1/16"	4.45	20.60	5.53	25.80
60"	59-15/16"	4.40	22.00	5.50	27.50
64"	63-14/16"	4.40	23.30	5.48	29.20
68"	67-13/16"	4.40	24.60	5.47	30.90
72"	71-12/16"	4.35	26.00	5.45	32.70
76"	75-12/16"	4.35	27.30	5.42	34.28
80"	79-10/16"	4.35	28.60	5.38	35.90
84"	83-9/16"	4.30	30.00	5.35	37.45
88"	87-8/16"	4.30	31.30	5.33	39.10
92"	91-7/16"	4.30	32.60	5.32	40.75
96"	95-7/16"	4.25	34.00	5.30	42.40
100"	99-5/16"	4.25	35.30	5.28	44.00
104"	103-4/16"	4.25	36.50	5.27	45.60
108"	111-2/16"	4.20	37.80	5.25	47.25
112"	115-2/16"	4.20	39.00	5.23	48.53
116"	119 "	4.20	40.00	5.22	50.40
120"	122-15/16"	4.15	41.50	5.19	52.00
124"	126-14/16"	4.13	42.70	5.17	53.54
128"	130-13/16"	4.11	43.90	5.15	55.08
132"	134-13/16"	4.10	45.10	5.13	56.63
136"	138-11/16"	4.08	46.26	5.11	58.12
140"	142-10/16"	4.06	47.42	5.09	59.69
144"	146-10/16"	4.05	48.60	5.07	61.20

Connectors & Accessories

Powerfeed Position / Type



- 72" wire leads

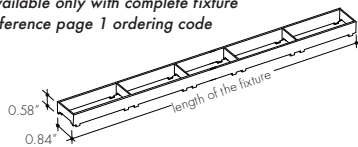


- 72" wire leads at both end (1X2)

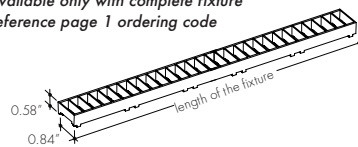


Accessory options

Glare Shield:
redirect the light to avoid glare from fixture
*available only with complete fixture
reference page 1 ordering code*

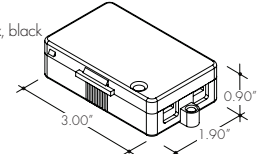


Blade Louver:
control light distribution
*available only with complete fixture
reference page 1 ordering code*



Splice Box:
Low voltage, 4 terminal splice box, black

Part # LVSP-4T-BK

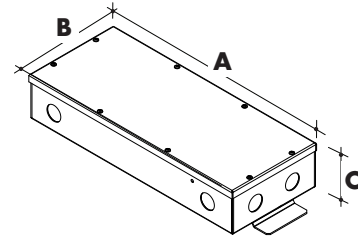


Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location



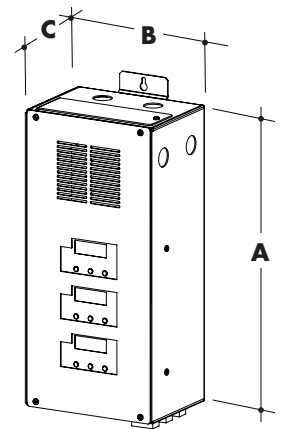
MODELS	96W
A Length	14.40"
B Width	5.20"
C Depth	2.60"

DMX:

MODEL	POWER	OUTPUT
PSDMX	3X96	24
PSDMX - DMX Power Supply dims down to 0%	3X96 - 3 X 96 WATT	24 - 24 VDC

- Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	PSDMX
A Length	15.75"
B Width	6.60"
C Depth	4.80"



DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

ORDERING CODE

Model	Zones	Color
DMX	3Z	RGBW
DMX - DMX controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue & White

Operating voltage
12 - 24V DC

Features

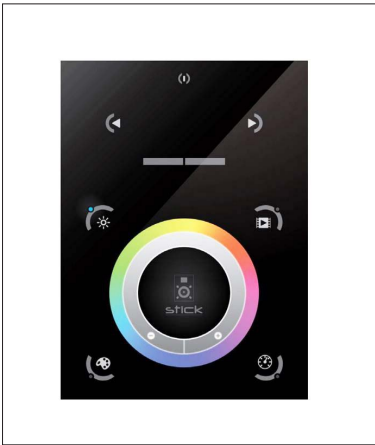
- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Color parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

Touch DMX Controller

Touchscreen digital LED controller



ORDERING CODE

Model

TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Power supply
7 VDC (included)

Programmability
PC, Mac, Tablet, Smartphone

Output signal
DMX512 (1024 channels)

Color parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

Key Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for

DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)



Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating voltage
12-36 VDC

Power capacity
up to 96W at 24V

Operating temperature range
from -4 °F to +122 °F in case

ORDERING CODE

Model

DDMX-RGBW

DDMX-RGBW - DMX decoder