

LSM55-RGBW 5.0W Indoor Color-Changing LED Strip

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____



LSM55-RGBW series is a flexible color-changing LED strip that provides the perfect lighting solution for spaces that require dynamic full color and white LED illumination. The warm white LED's combined with the full color spectrum of the RGB light array produces more powerful color options that's sure to please even the most discerning lighting designer. Suitable for residential, commercial, hospitality and architectural lighting applications.

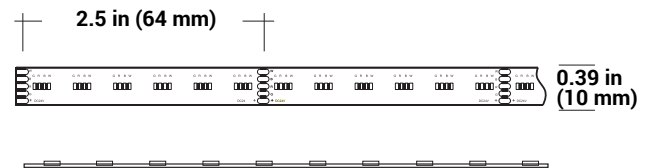
SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	5.0W per foot
LUMEN OUTPUT	310 lm
NO. OF LEDs	128 LEDs per foot
BEAM ANGLE	120°
CRI	90+
DIMMING	Through RGB controller
MAXIMUM RUN LENGTH	10 feet
FIELD CUTTABLE	Every 2.5" (64MM)
IP RATING	Indoor, dry location (indoor)
LUMEN MAINTENANCE	50,000 hrs.
OPERATING TEMPERATURE	-40°F(-40°C)~+140°F(+60°C)
STORAGE TEMPERATURE	-40°F(-40°C)~+140°F(+60°C)
CERTIFICATIONS	UL listed, TITLE 24 JA8
DIMENSIONS	0.39" x 0.18" (width x height)

FEATURES

- 5.0W per Foot
- 310 Lumens
- 90 CRI
- California TITLE 24 JA8 compliant
- Field cuttable
- Suitable for accent or ambient lighting
- Indoor rated
- Superior COLOR RENDERING INDEX (CRI)
- Available in 24V
- UL Listed

DIMENSIONS



LSM55-RGBW 5.0W Indoor Color-Changing LED Strip

STANDARD ORDERING CODE

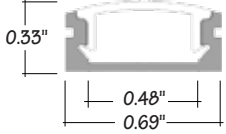
MODEL	COLOR TEMPERATURE	LENGTH	VOLTAGE
LSM-55	RGBW27K RGB + 2700K	10 10 Feet	24V 24V DC
	RGBW30K RGB + 3000K	20 20 Feet	
	RGBW40K RGB + 4000K	PF Per foot	
	RGBW50K RGB + 5000K		

CUSTOMIZED LENGTH ORDERING CODE

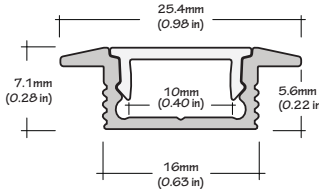
MODEL	COLOR TEMPERATURE	LENGTH	VOLTAGE	PROFILE
LSM-55	RGBW27K RGB + 2700K	XX Custom Length	24V 24V DC	see p3 for options
	RGBW30K RGB + 3000K			
	RGBW40K RGB + 4000K			
	RGBW50K RGB + 5000K			

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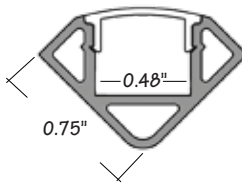
COMPATIBLE ALUMINUM PROFILES



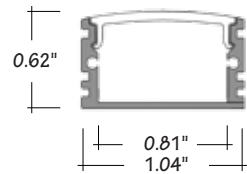
ALU-SF SURFACE MOUNT
LENGTHS 39³/₈" , 78⁷/₈" , 98"
LENS Clear , Frosted
FINISH Anodized Aluminum , Black



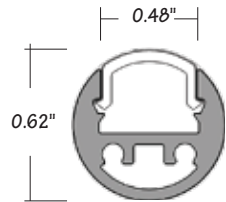
ALP-20R RECESSED MOUNT
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH White | Black | Silver



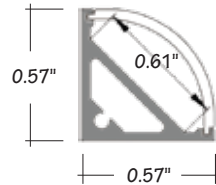
ALU-CN SURFACE / CORNER
LENGTHS 39³/₈" , 78⁷/₈" , 98"
LENS Clear , Frosted
FINISH Anodized Aluminum , Black



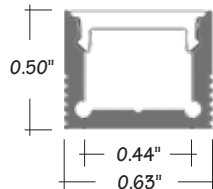
ALU-DS100 SURFACE MOUNT
LENGTHS 39³/₈" 78⁷/₈"
LENS Clear and Frosted
FINISH Anodized Aluminum



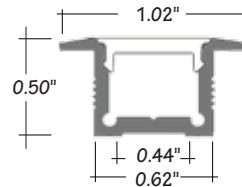
ALP-35 SURFACE MOUNT
LENGTHS 48" , 96"
LENS Frosted
FINISH Anodized Aluminum



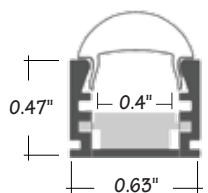
ALP-50C SURFACE / CORNER
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH White | Black | Silver



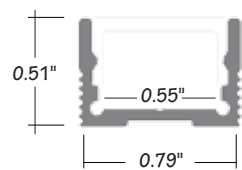
ALP-60 SURFACE MOUNT
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH White | Black | Silver



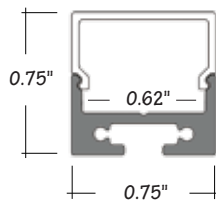
ALP-60R RECESSED MOUNT
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH White | Black | Silver



ALP-65 SURFACE MOUNT
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH Anodized Aluminum
OPTICS 10° , 30° and 60°



ALP-70 SURFACE MOUNT
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH White | Black | Silver



ALP-80 SURFACE OR SUSPENDED
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH Anodized Aluminum



ALP-90 SURFACE MOUNT
LENGTHS 48" and 96"
LENS Frosted
FINISH Anodized Aluminum

LSM55-RGBW 5.0W Indoor Color-Changing LED Strip

COMPATIBLE WALL CONTROLLERS

RGB-CT600	INPUT VOLTAGE	5V DC, 1A
	OUTPUT SIGNAL	RF 2.4GHz + DMX512
	CONTROL	4 ZONES
	WORKING TEMP	-30°C ~ 55°C
	WEIGHT (gross)	370g



RGB-SDE3	INPUT POWER	6V DC 0.6A
	OUTPUT SIGNAL	DMX512 (x2)
	PROGRAMMABILITY	PC, MAC, Tablet, Smartphone
	AVAILABLE COLORS	Black / White
	CONNECTIONS	USB, Ethernet, RS232, Clock, 8dry contact ports, 5V output relay
	MEMORY	microSD card
	WORKING TEMP	-10°C ~ 45°C
	MOUNTING	Single or double gang wall socket
	WEIGHT (gross)	247g



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COMPATIBLE DMX RECEIVERS

RGB-DMX4C-RJ45

4 Channel RGB DMX Decoder

INPUT	12V - 36V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT POWER	60W(12V), 120W (24V)
OUTPUT CHANNELS	3 or 4 selectable
DIMENSIONS	L x W x H (178mm x 45mm x 19mm)



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COMPATIBLE NON-DIMMING TRANSFORMERS

PSHW SERIES		CLASS 2	L X W X H
	PSHW-10W-24V	YES	2.55" X 1.37" X .90"
	PSHW-20W-24V	YES	4.64" X 1.38" X 1.2"
	PSHW-35W-24V	YES	5.83" X 1.57" X 1.18"
	PSHW-60W-24V	YES	6.38" X 1.65" X 1.18"
	PSHW-100W-24V	NO	7.44" X 2.4" X 1.45"
	PSHW-150W-24V	NO	8.75" X 2.68" X 1.53"
	PSHW-200W-24V	NO	9.62" X 2.68" X 1.53"
	PSHW-300W-24V	NO	9.92" X 3.55" X 1.75"



PSHK SERIES		CLASS 2	L X W X H
	PSHK-30W-24V-UNV	YES	6.5" X 3.6" X 1.02"
	PSHK-60W-24V-UNV	YES	7.4" X 3.6" X 1.02"
	PSHK-96W-24V-UNV	YES	8.66" X 3.6" X 1.61"
	PSHK-150W-24V-UNV	YES	10.24" X 4.06" X 1.81"
	PSHK-200W-24V-UNV	NO	10.24" X 4.06" X 1.81"
	PSHK-300W-24V-UNV	NO	10.94" X 4.25" X 1.81"

