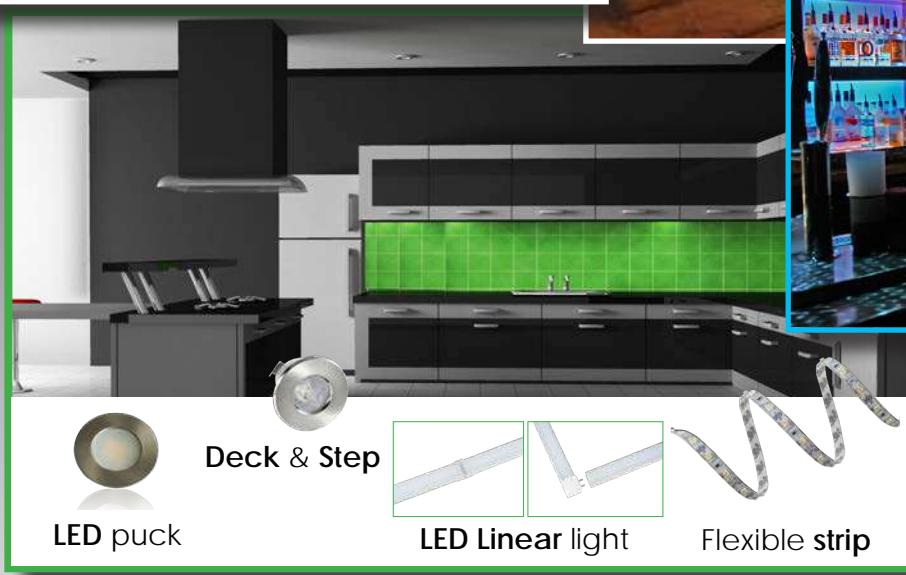


# 2018



Deck & Step

LED puck



LED Linear light



Flexible strip



LED Step

[lumenstarled.com](http://lumenstarled.com)



# Company Introduction

Lumenstar LED lighting was founded in early 2007 as an LED Lighting wholesale supplier. We have focused our efforts on evolving our core product line including: Outdoor deck, Path and Step lights + Flexible strip , power supplies, controls and accessories. Offering a mature established supply chain, and our own manufacturing facilities overseas has enabled our company to maintain complete control from design, implementation, production and distribution throughout North America. We continually strive to offer well designed LED products certified to UL/ETL & CSA Standards.

Lumenstar LED Lighting offers a wide selection of high and low voltage LED light bulbs and fixtures to the North American market. Our LED bulbs and fixtures have been used for but are not limited to:

- Under cabinet lighting
- Step & Deck lighting
- Display lighting
- Decorative sign bulbs
- Landscape lighting
- Indoor Lighting
- Outdoor Lighting
- Cabinet lighting
- Step lighting
- Accent lighting

Customer Service is a top priority for Lumenstar, our experienced sales team will help you get the product you need in a timely manner. Feel free to let us know if you have any questions or require additional information.

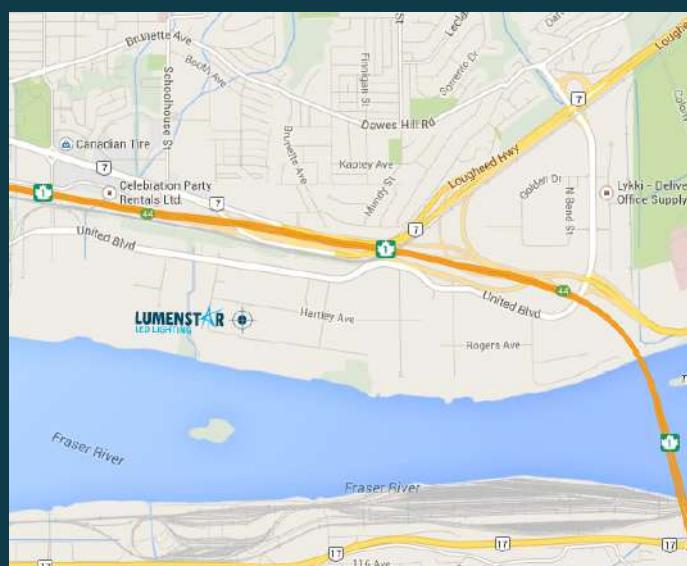


**Contact us** today to receive a PDF or hard copy catalog

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# LED Lighting 2018

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## OEM

Lumenstar can facilitate OEM, ODM and private label manufacturing. We offer complete services from prototype design and manufacturing to full color, white or custom color packaging.

### Custom wire harness and plug and play systems available - MOQ Require

Colors available:

- Warm white 2600K
- Cool white 6500K
- Red, Green, Blue - RGB

Custom colors available upon request, MOQ required.

required

## What we can offer:

### Packaging

- Custom branded packaging
- Clamshell Packaging
- White or colored box



### Custom Systems

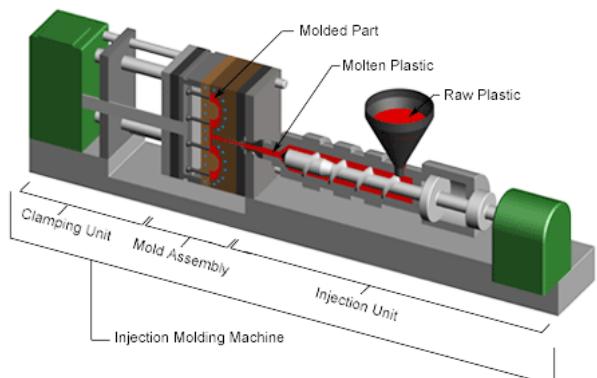
- Custom to your specifications
- Wiring harnesses
- Power supplies
- Dimmers
- Sensors



## Manufacturing Facilities

### Plastics & Tooling Manufacturing Plant

- In house plastic molds and prototypes
- In house CAD designer
- OEM/ODM Products built to spec



### Injection department

- Injection machines
- Color mixer
- Crusher

### Mold department

- CNC lathe
- Drilling machine
- Milling machine
- Wire cutting Machine

## M2 LED Step light - 0.5W

+ Mix & match Trim options



Deck | Step | Walkway | Dock



Square trim  
(BK/WT/BN)

Scoop  
(BK/WT/BN)

Big Trim  
(BN only)

Product Code (Light engine only)	LS-RD12-2-3K LS-RD12-2-6K LS-RD12- <b>RGB</b>
Trims sold separately	
Voltage	12V DC
Wattage	0.5W
# of LEDs	2 SMDs / 3 - <b>RGB</b>
Housing	PC
Color Temperature	Warm white 3000K Cool white 6000K <b>RGB</b> - 4 wire system
Dimensions	Ø1 <sup>17/32</sup> " x H <sup>15/16</sup> " Ø40 x H24mm
Hole Cutout size	1-3/8" (35mm)
Lumens	75
IP Rating	67 - Outdoor rated
Beam degree	120°
Dimmable	Yes

**Note:** More trim option info on page 7.

## Applications

- Step light
- Deck light
- Display light
- Cabinet light

## Features

### Trim Colors and Styles

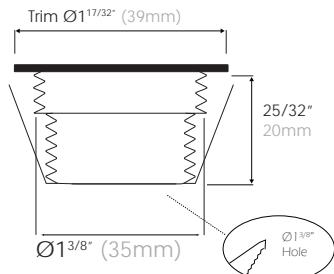
- Black / White or Brushed nickel
- Round (small to large) & Square, Scoop & walk on

### Installation

- Spring clips to allow simple pressure fit installation
- Fully sealed for outdoor use
- Optional inground housing available. Can also be mounted using a 1" PVC coupling

3 Year Warranty

### Dimensions:



### Ordering code: Light engine

**Light Engine Code Example:** LS-RD12-2-3K

Product	# of LEDs	Color Temp
LS-RD12	2	3K

### Code Breakdown

LS-RD12	1 = Power LED 2 = SMD LED 3 = RGB	3K = 3000K Warm white 6K = 6000K Cool white
---------	---	--

### Ordering code: Trim style

**Trim Code Example:** LS-RD12-SC-BK

Product	Trim Style	Trim Color
LS-RD12	SC	BK

### Code Breakdown

LS-RD12	RD = Round SQ = Square *SQSS = Square *Stainless Steel SC = Scoop **Below items BN only** BT = Big Trim 1WY = 1 Way 2WY = 2 Way	BK = Black WT = White BN = Brushed Nickel
---------	---	---

## M1 LED Step & Deck light - 1W

+ Mix & match Trim options



**Stainless Steel**



1 Way

2 Way

Ø 1.75"  
Inground Trim options

Square

70mm Trim - Brushed Nickel

Product Code	LS-RD12-1-3K LS-RD12-1-6K
Voltage	12V DC
Wattage	1W
# of LEDs	1 Power LED
Housing	Aluminum
Color Temperature	Warm white 3000K Cool white 6000K
Dimensions	Ø1 <sup>37/64</sup> " x H <sup>29/32</sup> " Ø40 x H24mm
Hole Cutout size	1 <sup>3/8</sup> " (35mm)
Lumens	95
Beam degree	45°
IP Rating	67 - Outdoor rated
Dimmable	Yes - Inquire for specific dimmable driver list

**Note:** More trim option info on page 7.  
::: Light engines and trims sold separately :::

## Applications

- Step light
- Deck light
- Display light
- Cabinet light

## Features

### Trim Colors and Styles

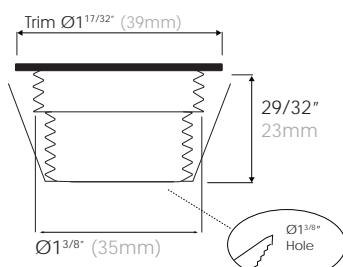
- Black / White or Brushed nickel
- Round (small to large) & Square, Scoop & walk on

3 Year Warranty

### Installation

- Spring clips to allow simple pressure fit installation
- Fully sealed for outdoor use
- Optional inground housing available. Can also be mounted using a 1" PVC

### Dimensions



### Ordering code: Light engine

**Light Engine Code Example:** LS-RD12-1-3K

Product	# of LEDs	Color Temp
LS-RD12	1	3K

### Code Breakdown

LS-RD12	1 = Power LED 2 = SMD LED 3 = RGB	3K = 3000K Warm white 6K = 6000K Cool white RGB = Multi-color
---------	---	---

### Ordering code: Trim style

**Trim Code Example:** LS-RD12-SC-BK

Product	Trim Style	Trim Color
LS-RD12	SC	BK

### Code Breakdown

LS-RD12	RD = Round SQ = Square SQM = Square Stainless Steel SC = Scoop **Below items BN only** BT = Big Trim 1WY = 1 Way 2WY = 2 Way	BK = Black WT = White BN = Brushed Nickel
---------	---	---



# Mini Deck & Step LED Light Engine

+ Replaceable Trim options



## 1. Select a Trim

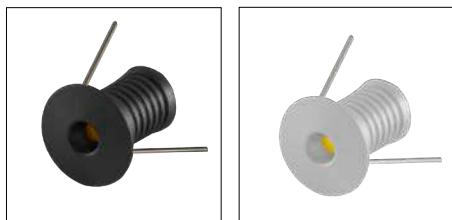
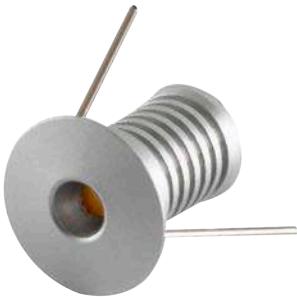
**Note:** Trims sold separately from light engines

## 2. Select an LED light source...



:: Light Engine Options :::		0.5W Mini Step light 12V DC - 120°	1W Mini Step light 12V DC - 45°	RGB Mini Step light 12V AC/DC, 120°
Code: Light Engine	3000K Warm white 6000K Cool white	LS-RD12-2-3K LS-RD12-2-6K	LS-RD12-1-3K LS-RD12-1-6K	LS-RD12- <b>RGB</b>
Round	Trim Color	Trim Code	Trim Dimensions	
	Brushed Nickel Round	LS-RD12-RD-BN	    	
	Black Round	LS-RD12-RD-BK	1 1/2" (40mm)	
	White Round	LS-RD12-RD-WT		
	Brushed nickel	LS-RD12-MT-BN	 	
	Black	LS-RD12-MT-BK	2 11/64" (50mm)	
	White	LS-RD12-MT-WT		
	Brushed nickel	LS-RD12-BT-BN	2 3/4" (70mm)	
Square	Trim Color	Trim Code	Trim Dimensions	
	Brushed Nickel Square	LS-RD12-SQ-BK	 	
	Black Square	LS-RD12-SQ-BK	W1 1/2" (40mm)	
	White Square	LS-RD12-SQ-WT		
Round Scoop	Trim Color	Trim Code	Trim Dimensions	
	Brushed Nickel Scoop	LS-RD12-SC-BN	 	
	Black Scoop	LS-RD12-SC-BK	W1 1/2" (40mm)	
	White Scoop	LS-RD12-SC-WT		
Stainless Steel	Trim Color	Trim Code	Trim Dimensions	
	Matte chrome: 1 Way	LS-RD12-RM-1-MC		
	Matte Chrome: 2 Way	LS-RD12-RM-2-MC	W1 49/64" W45mm	
	Square	LS-RD12-SQSS	W1 1/2" W40mm	
Inground housing	Color	Trim Code	Housing Dimensions	
	Black Inground housing	LS-RD12-IGH	H2 3/4" x W1 29/64" (H70 x W37mm)	

## Ultra Mini LED Deck & Step light



RoHS  
Compliant

ETL  
LISTED

Product Code	LS-RD2-3K
Voltage	12V DC
Wattage	0.5W
# of LEDs	1 COB
Color Temperature	Warm white 3000K
Dimensions	$\varnothing 3/4 \times 43/64"$ $\varnothing 19 \times 17mm$
Lumens	68
Hole cut-out size (recessed)	5/8" (16mm)
Wire lead	35" (90cm)
Dimmable	Yes
Housing color	Matte Chrome <b>Powder coated:</b> black or white

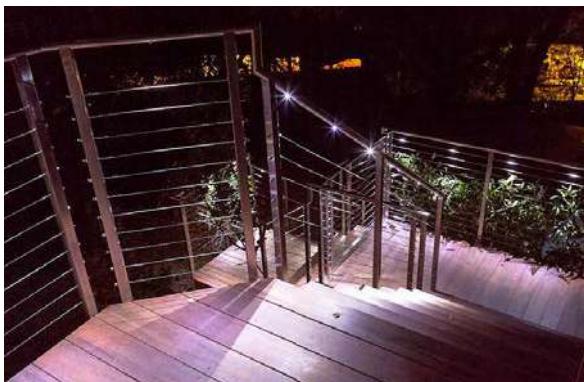
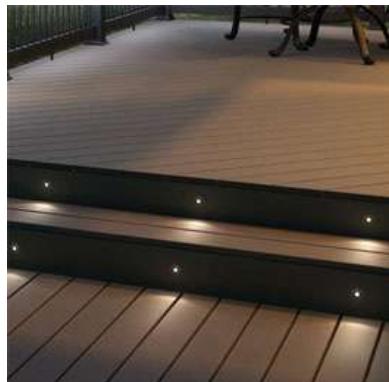
### Applications

- Deck & Step lighting
- Landscape lighting
- Dock lighting
- Railings

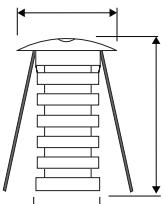
### Features

- Ultra small LED Recessed light
- Power LED technology
- Super bright COB LED
- Low profile trim
- Simple to install
- Excellent color quality

3 Year Warranty



$\varnothing 3/4"$  (19mm)



43/64"  
17mm

$\varnothing 5/8"$  (16mm)  
Hole Cutout



# 4W Power LED | Step & Deck Light

Recessed Window



Recessed Scoop



Surface mount Scoop



Surface mount Window



Choose: light engine



+

Choose: Trim color



+

Choose: optional Scoop color



+

Choose: optional Surface mount housing color



## Ordering Codes:

Warm white 3000K  
**Code:** LS-RD10-4W-3KBrushed Nickel  
**Code:** RD10-TR-BNBrushed Nickel  
**Code:** LS-RD10-SC-BNBrushed Nickel  
**Code:** LS-RD10-SM-BNNatural white 4000K  
**Code:** LS-RD10-4W-4KBlack  
**Code:** LS-RD10-TR-BKBlack  
**Code:** LS-RD10-SC-BKBlack  
**Code:** LS-RD10-SM-BKRGB  
**Code:** LS-RD10-4W-**RGB**White  
**Code:** LS-RD10-TR-WTWhite  
**Code:** LS-RD10-SC-WTWhite  
**Code:** LS-RD10-SM-WT

## Technical Specs



## Certifications



Voltage

12V DC

Hole cutout

2 1/4" (57mm)

Wattage

4W

Dimmable

Yes

Color Temperature

3000K Warm white  
4000K Natural white  
**RGB**

Lumens

320

## Features

Single LED engine  
Options available:

- Recessed
- Surface mount

Reduce cost of inventory  
Stock individual:

- Light engines
- Trims
- Scoops
- Surface mounts

Trim Colors available:

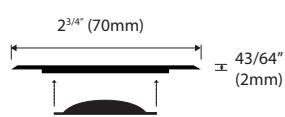
- Brushed Nickel
- Black
- White

Light output colors:

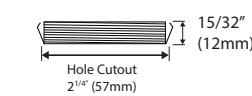
- Warm white 3000K
- White 5000K
- **RGB**

## Dimensions:

Recessed Trim



Trim scoop (optional)



Light engine



Surface mount (optional)

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Lumenstar LED Lighting Inc.



## Wet location rated

Fits: Single gang junction box

**12V DC Version Dimmable**  
with 12V DC Dimmable driver  
(Sold separately)

## Applications

- Step light
- Path light
- Deck light

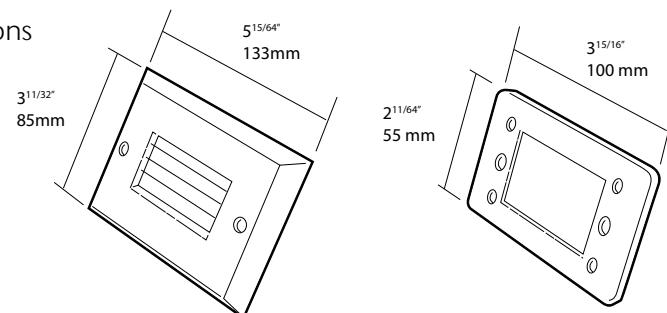
## Features

- cETLus Listed for Indoor & Outdoor Wet Applications
- Fits standard North American Junction box
- Simple to install
- +50,000 hour lifespan
- **3 Year Warranty**

## Includes: LED Light engine - Gasket & Trim

All trims available in all styles & colors: **Horizontal Louver, Vertical Louver, Scoop and Window**

- Black
- White
- Brushed Nickel



LED Step Light / Standard Junction Box

## Ordering code: Light engine

**Light Engine Code Example:**  
LS-RT05HV-3K

Product	Color Temp
LS-RT05HV	3K

## Ordering code: Trim style

**Trim Code Example:** LS-RT05-LVR-BN

Product	Trim Style	Trim Color
LS-RT05	LVR	BN

## Code Breakdown

<b>High voltage</b> LS-RT05HV	3K = 3000K Warm white 4K = 4000K Natural white
<b>Low voltage</b> LS-RT05LV	3K = 3000K Warm white *RGB = Multi-color *RGB: Uses LV code for light engine

## Code Breakdown

LS-RT05	WIN = Window LVR = Louver VLVR = Vertical Louver SC = Scoop	BK = Black WT = White BN = Brushed Nickel *BRZ = Bronze  *Note: Bronze only available in horizontal louver
---------	--	---



Fits: Single gang junction box



## Large LED Step light

Wet location rated

Fits: Triple gang junction box



Product Code	LS-RT10HV-4K
Voltage	100 - 240V AC
Wattage	3.2W
Color Temperature	Natural White 4000K
Lumens	300
Fits	Triple Gang Junction box
Trim Options	Window & Louvered
Trim Color options	



Brushed Nickel Black White

## Applications

- Step light
- Path light
- Deck light

**Includes:** LED Light engine - Gasket & Trim



## Features

- ETL Listed for Indoor & Outdoor Wet Applications
- Fits standard North American Junction box
- Simple to install
- Non-dimmable
- High Quality components
- +50,000 hour lifespan
- 3 Year Warranty

**Trim dimensions:** L<sup>7</sup><sub>1</sub>/<sub>64</sub> x W<sup>5</sup><sub>5</sub>/<sub>32</sub> x H<sup>25</sup><sub>6</sub>/<sub>64</sub>"  
L178 x W131 x H10mm



**Ordering code:** Light engine

**Light Engine Code Example:**  
LS-RT10HV-4K

Product	Color Temp
LS-RT10HV	4K

**Ordering code:** Trim style

**Trim Code Example:** LS-RT10-WIN-BK

Product	Trim Style	Trim Color
LS-RT10	WIN	BK

**Code Breakdown**

LS-RT05HV	4K - 4000K Natural white
-----------	--------------------------

**Code Breakdown**

LS-RT10	WIN = Window LVR = Louver	BK = Black WT = White BN = Brushed Nickel
---------	------------------------------	---





**Wet location** rated

Fits: Round / Octagon junction box

## Applications

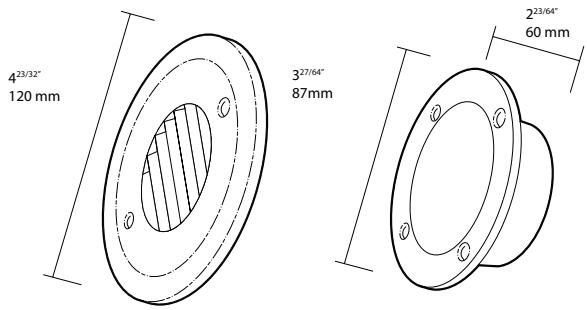
- Step light
- Path light
- Deck light
- Shower light

## Features

**Includes:** LED Light engine - Gasket & Trim

- ETL Listed for Indoor & Outdoor Wet Applications
- Fits standard North American Junction box
- Simple to install
- Non-dimmable
- High Quality components
- +50,000 hour lifespan
- **3 Year Warranty**

**Trim dimensions:** L4-23/32 x W4-23/32 x H23/64"  
L120 x W120 x H9mm



**Ordering code:** Light engine

**Light Engine Code Example:**

LS-RD05HV-4K

Product	Color Temp
LS-RD05HV	4K

### Code Breakdown

LS-RD05HV	4K - 4000K Natural white
-----------	--------------------------

**Ordering code:** Trim style

**Trim Code Example:** LS-RD05-LVR-BN

Product	Trim Style	Trim Color
LS-RD05	LVR	BN

### Code Breakdown

LS-RD05	WIN = Window LVR = Louver	BK = Black WT = White BN = Brushed Nickel
---------	------------------------------	---

[lumenstarled.com](http://lumenstarled.com)

## RD7 LED light with Recessed Trim



Recessed install only - Includes Trim



Product Code Light engine with recessed trim	LS-RD7-BN-3K LS-RD7-BK-3K LS-RD7-WT-3K
Voltage	12V DC
Wattage	2W
# of LEDs	12
Color Temperature	Warm white 3000K
Dimensions	$\varnothing 2\frac{3}{4}'' \times 19/32''$ $\varnothing 70 \times 15mm$
Hole cutout	$\varnothing 1\frac{3}{4}'' (45mm)$
Dimmable	Yes
Lumens	185

Pressure fit  
clips for easy  
installation

### Recessed install



Recessed **Swivel Trim**  
options:  
Round & Square

See page 19 for all Trim options

## Applications

Cabinet lighting  
Display lighting  
Furniture lighting  
RV & Yacht

## Features

### Trim colour options

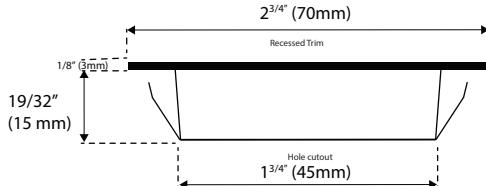
- Brushed nickel
- Black
- White

### Swivel Trim options

- Brushed nickel
- Black
- White

**Xbrite** SMD LED technology

### Dimensions:



## RD7 LED light

Including Surface mount



Sold as surface mount :: Optional recessed Trim rings available

- Install options for this model:**
- **Surface mount - Standard**
  - **Recessed (No trim - Standard)**
  - Recessed with trim (optional trim required) Sold separately - See below ordering chart for more info



## Applications

Cabinet lighting  
Display lighting  
Furniture lighting  
RV & Yacht

## Features

Surface mount Trim colour options

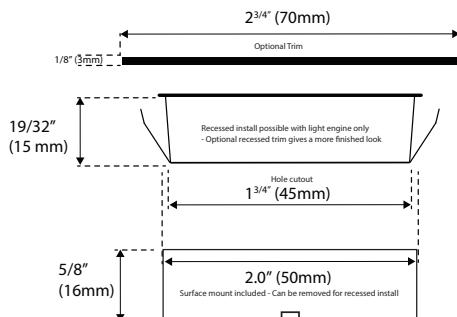
- Brushed Nickel

Optional Recessed Trim options

- Brushed Nickel
- Black
- White

**Xbrite** SMD LED technology

## Dimensions:



**Ordering code:** Light engine

**Light Engine Code Example:** LS-RD7-SM-3K

Product	Color Temp
LS-RD7-SM	3K

**Ordering code:** Recessed Trim

**Trim Code Example:** LS-RD7-TR-BN

Product	Trim Color
LS-RD7-TR	BN

**Code Breakdown:** Light Engine

LS-RD7-SM	27K = 2700K Warm white 3K = 3000K Warm white 45K = 4500K Natural white 6K = 6000K Cool white RGB = Multi-color CCT = 2600K to 6500K
-----------	--

**Code Breakdown:** Recessed Trim

LS-RD7-TR	BK = Black WT = White BN = Brushed Nickel
-----------	---

[lumenstarled.com](http://lumenstarled.com)

## XP3 Power puck light



**Dimmable**

**RoHS Compliant**



**Flush or surface mount install**  
Includes bezel

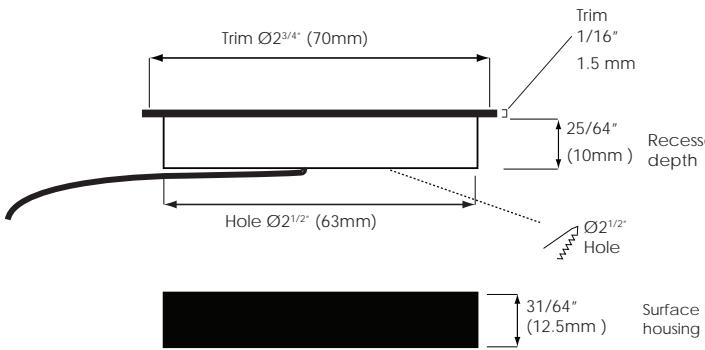
	WW 3000K	CW 6000K
Product Code	LS-RD15-BC-3K LS-RD15-BK-3K LS-RD15-WT-3K	LS-RD15-BC-6K LS-RD15-BK-6K LS-RD15-WT-6K
Voltage	12V DC	
Wattage	3W	
# of LEDs	3 x 1W Power LEDs	
Color Temperature	3000K Warm white 6000K Cool white	
Dimensions	$\varnothing 2\frac{3}{4} \times 17/32"$ $\varnothing 69.8 \times 13.5mm$	
Lumens	290	
Hole size (recessed)	$\varnothing 2\frac{1}{2}"$ (63.5mm)	
Housing color	Brushed chrome Powder coated : Black or White	
Includes	LED Puck light Matching surface mount bezel 90cm wire lead	
Dimmable	Yes	

## Applications

Cabinet lighting  
Display lighting  
Furniture lighting  
RV & Yacht

## Features

- Ultra thin aluminum housing
- Power LED** technology
- Flush mount & surface mount options
- Modern contemporary design
- Simple to install
- Long lifespan



[lumenstarled.com](http://lumenstarled.com)

## Recessed Window



Choose light engine



+ Choose Trim color +



## Surface mount Window



Choose Optional Surface mount Housing color



## Ordering Codes:

Warm white 3000K  
**Code:** LS-RD10-4W-3K

Brushed Nickel  
**Code:** RD10-TR-BN

Brushed Nickel  
**Code:** LS-RD10-SM-BN

Natural white 4000K  
**Code:** LS-RD10-4W-4K

Black  
**Code:** LS-RD10-TR-BK

Black  
**Code:** LS-RD10-SM-BK

**RGB**  
**Code:** LS-RD10-4W-**RGB**

White  
**Code:** LS-RD10-TR-WT

White  
**Code:** LS-RD10-SM-WT

## Technical Specs

Voltage	12V DC	Hole cutout	2 <sup>1/4"</sup> (57mm)
Wattage	4W	Dimmable	Yes
Color Temperature	Warm white 3000K Natural white 4000K <b>RGB</b>	Lumens	320

## Certifications



## Features

**Single LED engine**  
Options available:

- Recessed
- Surface mount

**Reduce cost** of inventory  
Stocking individual:

- Light engines
- Trims
- Scoops
- Surface mounts

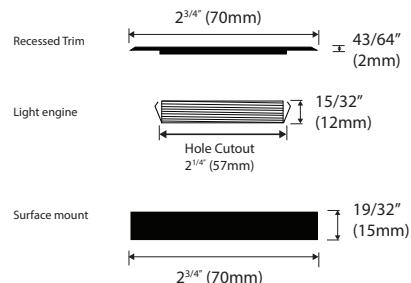
Trim Colors available:

- Brushed Nickel
- Black
- White

**Light output colors:**

- Warm white 3000K
- White 5000K
- **RGB**

## Dimensions:



[lumenstarled.com](http://lumenstarled.com)

## M3 LED Mini Swivel



**3W CREE LED Chip | 25° Swivel | 1.75" Cutout**



- 2" Brushed nickel trim
- Simple to install
- 12V DC operation
- Dimmable
- Long lifespan

Product Code	LS-RD24-BN-3K
Voltage	12V DC
Wattage	3W
# of LEDs	1 CREE Power LED
Housing	Aluminum
Color Temperature	Warm White 3000K
Dimensions	Ø2 <sup>1</sup> / <sub>16</sub> " x H1 <sup>5</sup> / <sub>8</sub> " Ø39 x H24mm
Mounting	Recessed only
Hole Cutout size	1 <sup>3</sup> / <sub>4</sub> " (45mm)
Lumens	235
Beam degree	25°
Dimmable	Yes

## Applications

Downlight  
Gimbal light  
Display light  
Cabinet light

## Features

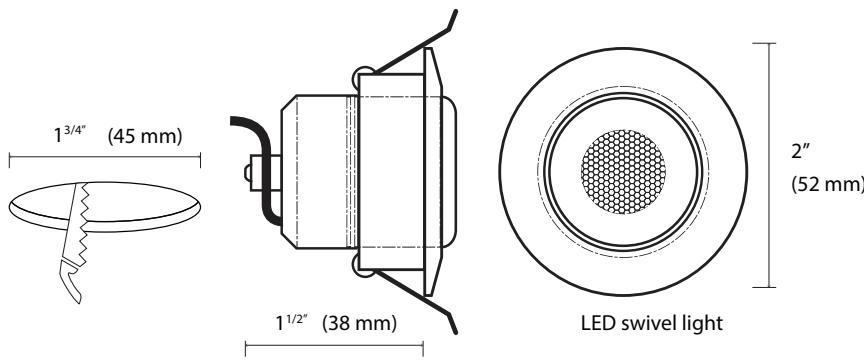
### Gimbal swivel trim

- High quality construction
- CREE LED Chip
- Sleek modern finish
- Spring clips to allow simple pressure fit installation
- Swivel light engine

3 Year Warranty

### Cutout

### Dimensions



## 1. Select a Trim

## 2. Select an LED light source...



P.14



P.60



P.60

Square Trims	SMD LED Puck light - 2W 12V DC - 120°	MR16 LED Spot - 7W 12V AC/DC, 40°	GU10 LED Spot - 7W 120V AC, 40°	Dimensions
	LS-SQS-BN-RD7-27K LS-SQS-BN-RD7-3K LS-SQS-BN-RD7-45K LS-SQS-BN-RD7-6K LS-SQS-BN-RD7-RGB LS-SQS-BN-RD7-CCT	LS-SQS-BN-MR16-27K LS-SQS-BN-MR16-3K LS-SQS-BN-MR16-5K	LS-SQS-BN-GU10-3K LS-SQS-BN-GU10-5K	 Trim Ø3 1/2" (89mm) Trim 1/8" 3mm Ø2 3/4" (70mm) Hole 27/32" (21.5mm)
	LS-SQS-BK-RD7-27K LS-SQS-BK-RD7-3K LS-SQS-BK-RD7-45K LS-SQS-BK-RD7-6K LS-SQS-BK-RD7-RGB LS-SQS-BK-RD7-CCT	LS-SQS-BK-MR16-27K LS-SQS-BK-MR16-3K LS-SQS-BK-MR16-5K	LS-SQS-BK-GU10-3K LS-SQS-BK-GU10-5K	
	LS-SQS-WT-RD7-3K LS-SQS-WT-RD7-45K LS-SQS-WT-RD7-6K LS-SQS-WT-RD7-RGB LS-SQS-WT-RD7-CCT	LS-SQS-WT-MR16-27K LS-SQS-WT-MR16-3K LS-SQS-WT-MR16-5K	LS-SQS-WT-GU10-3K LS-SQS-WT-GU10-5K	
Round Trims				
	LS-RDS-BN-RD7-27K LS-RDS-BN-RD7-3K LS-RDS-BN-RD7-45K LS-RDS-BN-RD7-6K LS-RDS-BN-RD7-RGB LS-RDS-BN-RD7-CCT	LS-RDS-BN-MR16-27K LS-RDS-BN-MR16-3K LS-RDS-BN-MR16-5K	LS-RDS-BN-GU10-3K LS-RDS-BN-GU10-5K	 Trim Ø3 27/64" (87mm) Trim 1/8" 3mm Ø2 3/4" (70mm) Hole 27/32" (21.5mm)
	LS-RDS-BK-RD7-27K LS-RDS-BK-RD7-3K LS-RDS-BK-RD7-45K LS-RDS-BK-RD7-6K LS-RDS-BK-RD7-RGB LS-RDS-BK-RD7-CCT	LS-RDS-BK-MR16-27K LS-RDS-BK-MR16-3K LS-RDS-BK-MR16-5K	LS-RDS-BK-GU10-3K LS-RDS-BKGU10-5K	
	LS-RDS-WT-RD7-3K LS-RDS-WT-RD7-45K LS-RDS-WT-RD7-6K LS-RDS-WT-RD7-RGB LS-RDS-WT-RD7-CCT	LS-RDS-WT-MR16-27K LS-RDS-WT-MR16-3K LS-RDS-WT-MR16-5K	LS-RDS-WT-GU10-3K LS-RDS-WT-GU10-5K	

**Trim Specs**

Trim Dimensions

**Round Trims**

 W3 27/64" x H27/32"  
W87 x H21.5mm

**Square Trims**

 L3 1/2" x H27/32"  
L89 x H21.5mm

Trim material

Brushed or painted die cast metal

Brushed or painted die cast metal

**Color options:**

27K = 2700K

3K=3000K 45K= 4500K

5K=5000K 6K = 6000K

RGB= Multi color (Red, Green, Blue)

CCT = 2600K - 6500K

Note: Not all colors stocked in all products

## Linkable LED mini linear light



Connect seamlessly together  
for larger applications



Flat Mounting  
hardware included

**Custom lengths** available  
MOQ required

Product Code	LS-LL3-3K   LS-LL3-5K LS-LL3-SWC (Swivel clips only)
Voltage	12V DC
Wattage	2.8W
Light spread	120°
# of LEDs	27
Color Temperature	3000K Warm white 6000K Cool white
Dimensions	L12 x W5/8 x H5/16" L300 x W16 x 8mm
Lumen output	200
Housing	Aluminum
Mounting clips	PC



## Applications

- Task lighting
- Under cabinet light
- Display lighting
- Back bar displays

## Features

- SMD LED Chip Technology
- Simple installation & easy operation
- Super thin profile - 8mm
- Easily connect together for larger applications
- Adjustable light angle - Aluminum housing
- Low heat output

### 3 Year Warranty



Accessories	
90° Swivel clips <b>LS-LL3-SWC</b>	
12" Power feed <b>LS-LL3-PF</b>	
Corner connector - 12" <b>LS-LL3-JC</b>	

[lumenstarled.com](http://lumenstarled.com)



**Plug & Play 24V system**  
Even illumination - No Hot Spots



## Applications

- Under cabinet light
- Back bar displays
- Display lighting
- Furniture

Product Code	LS-LL50-6-3K LS-LL50-6-4K	LS-LL50-12-3K LS-LL50-12-4K	LS-LL50-40-3K LS-LL50-40-4K
Voltage	24V DC	24V DC	24V DC
Wattage	3W	5W	15W
Max Run	6M (20')	6M (20')	6M (20')
Color Temp	3000K / 4000K	3000K / 4000K	3000K / 4000K
Dimensions	Length: 6" W1 <sup>3</sup> / <sub>16</sub> " x H7/16" Length: 150mm W18 x H8mm	Length: 12" W1 <sup>3</sup> / <sub>16</sub> " x H7/16" Length: 300mm W18 x H8mm	Length: 40" W1 <sup>3</sup> / <sub>16</sub> " x H7/16" Length: 1000mm W18 x H8mm
Lumen output	225	410	1100
CRI	92	92	92
Dimmable	Yes	Yes	Yes
Includes	2 x Slim surface mount clips		

## Dimensions:



## Features

- Bright, even illumination - No hot spots
- Simple installation - Multiple ways to mount
- Easily connect together for larger applications
- Sleek profile -- Aluminum housing
- Energy efficient - lifespan +50,000 hours

3 Year Warranty

Accessories	Description	Code
Input power	24V DC input with barrel connector, 18" long	LS-LL50-IP
Touch Switch	Touch switch with barrel connector for input, 18"	LS-LL50-TS
Middle connector	Middle connector for linking lights together	LS-LL50-MC
Corner Connector	Corner connector for 90° corners	LS-LL50-CC
Jump connector	Corner connector with 18" wire lead in middle	LS-LL50-JC
45° Angle clip	Angled clip for 45° installation	LS-LL50-AC
3M Tape	3M Tape for simple installation	LS-LL50-3M

Power Supply options for LL50	
24V LED Power supply **Class 2	SKU
Non-Dimmable	
**60W	LS-24V-60W-Driver
120W	LS-24V-120W-Driver
240W	LS-24V-240W-Driver
Dimmable	
**60W (Universal)	LS-24V-60D-CV
**96W (Electronic)	LS-24V-96W-CVE

[lumenstarled.com](http://lumenstarled.com)

**Ordering code - Example:** LS-FLI-1B-12-60-3K

**Note:** Please refer to price list for stocked lengths, wattages & colors.

Product	LED Chip & Length	Voltage	Chips per Meter	Color Temp
LS-FLI	1B	12	60	3K

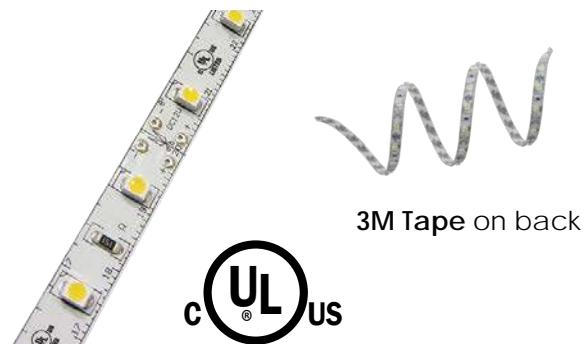
## Code Breakdown

## Color temperature on individual Specs = XX

LS-FLI = Indoor LS-FLO = Outdoor LS-FLM = Moisture proof LS-FLU = Underwater	1 = 3528 2 = 2835 3 = 5050 4 = 2016 5 = RGB	A = 3 Meters (10') B = 5 Meters (16.5') C = 10M (32.8') D = 25 Meters (82') E = Custom	12 = 12 Volts DC 24 = 24 Volts DC	48 = 48 Chips / M 60 = 60 Chips / M 120 = 120 Chips / M 224 = 224 Chips / M	22K = 2200K 27K = 2700K 3K = 3000K 41K = 4100K 5K = 5000K 55K = 5500K DTW = 3K - 18K CCT = 26K - 65K RGB = RGB RGBW = RGBW R = Red G = Green B = Blue
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## Indoor 3528 Flexible LED tape



**Dimmable**



Product Code	5M (16.4'): LS-FLI-1B-12-60-XX 25M (82'): LS-FLI-1D-12-60-XX 25M (82'): *LS-FLI-1D-24-60-3K
Voltage	12V or *24V DC
Wattage	4.8W/M (1.5W/FT)
# of LEDs	60 SMDs per 1M (3.28')
Color Temperature (XX = Color Temp)	(27K) Warm white 2700K (3K) Warm white 3000K (41K) Natural white 4100K (55K) Cool White 5500K (R) Red / (G) Green / (B) Blue
Dimensions	W5/16 x L1/16" W8 x H1.5mm
Lumen output	475/M (145/FT)
CRI	>90
Dimmable	Yes

**Roll Length: 5M (16.4') or 25M (82') Lengths**

**Cut distance:** 12V :: 3 LEDs - 50mm (1<sup>31/32</sup>)  
24V :: 3 LEDs - 100mm (3<sup>15/16</sup>)

\*24V- Only Stocked in 25M (82') lengths: Warm white 3000K

## Applications

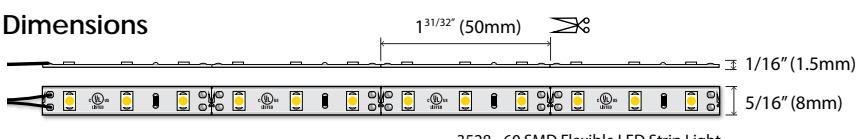
- Cove lighting
- Display lighting
- Mood lighting
- Under cabinet lighting

## Features

- Ultra thin flexible LED strip
- Double sided 3M tape
- XBrite SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**

### Dimensions



3528 - 60 SMD Flexible LED Strip Light



Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-3528
Connector on one end - Application: Cut strip to power	LS-SC2-3528
Connector on both ends - Application: Corners	LS-SC3-3528
L-Connector - Application: Corners	LS-SC4-3528

[lumenstarled.com](http://lumenstarled.com)

## XBrite 3528 LED Flexible tape



Fully dimmable

CRI >90



Product Code	5M (16.4'): LS-FLI-1B-12-120-XX 25M (82'): LS-FLI-1D-12-120-XX 5M (16.4'): LS-FLI-1B-12-120-CCT
Voltage	12V DC
Wattage	9.6W/M (2.9W/FT)
# of LEDs	120 per 1M (3.28')
Color Temperature	Warm white 3000K Cool white 5500K CCT: 2600K - 6500K
Beam spread	140°
Dimensions	W5/16 x H1/16" W8 x H1.5mm
Lumen output	950/M (290/FT)
CRI	>90
Dimmable	Yes

**Roll Length:** 5M (16.4') or 25M (82') lengths

**Cut distance:** 12V :: 3 LEDs - 25mm (1")

## Applications

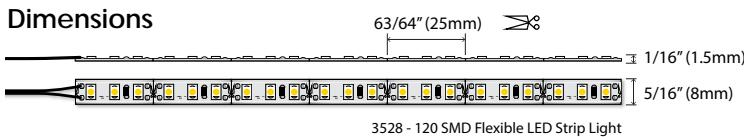
Accent lighting  
Display lighting  
Back bar lighting  
Cove & Cabinet

## Features

- High light output LED Flex
- High CRI >85
- Ultra thin flex
- XBrite SMD LED technology
- Double sided 3M tape
- +50,000 hour lifespan

3 Year Warranty

### Dimensions



Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-3528-120
Connector on one end - Application: Cut strip to power	LS-SC2-3528-120
Connector on both ends - Application: Corners	LS-SC3-3528-120
L-Connector - Application: Corners	LS-SC4-3528-120

[lumenstarled.com](http://lumenstarled.com)

**XBrite 2835  
24V LED Flex**

**Fully dimmable**

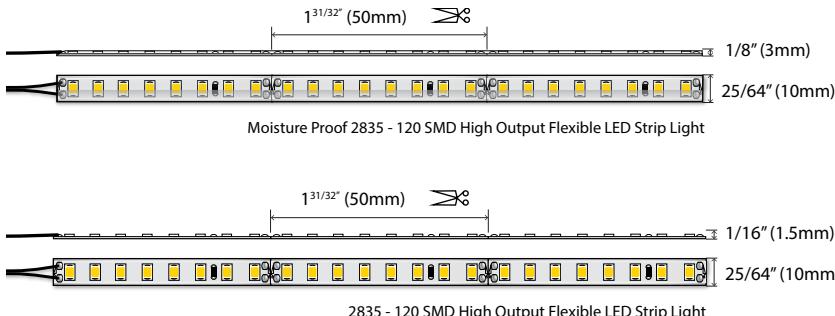
**CRI >90**

**Applications**

- Accent lighting
- Display lighting
- Back bar lighting
- Cove & Cabinet

**Features**

- High Lumen output LED Flex
- High CRI >90
- Ultra thin flex
- XBrite SMD LED technology
- Double sided 3M tape
- +50,000 hour lifespan

**3 Year Warranty**
**Dimensions**


Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-2835
Connector on one end - Application: Cut strip to power	LS-SC2-2835
Connector on both ends - Application: Corners	LS-SC3-2835

Indoor Flexible **High output**  
5050 LED tape



- 11.5W / Meter (3.5W / foot)
- High brightness LED Tape
- 3M Double sided tape on back



Product Code	5M(16.4'): LS-FLI-3B-12-48-3K 5M(16.4'): LS-FLI-3B-12-48-55K
Voltage	12V DC
Wattage	11.5W/M (3.5W/FT)
# of LEDs	48 - 5050 chips per Meter
Color Temperature	Warm white 3000K White 5500K
Beam spread	140°
Dimensions	W13/32 x L1/16" W10 x H1.5mm
Lumen output	1180/M (360/FT)
Dimmable	Yes

**Roll Length:** 5M (16.4')

**Cut distance:** 12V :: 3 LEDs - 62mm (2<sup>7</sup>/<sub>16</sub>)

## Applications

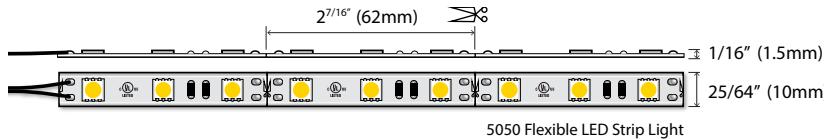
- Cove lighting
- Display lighting
- Accent lighting
- Back bar lighting

## Features

- Ultra thin flexible LED strip
- Double sided 3M tape
- **Xbrite** SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**

### Dimensions



Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-5050
Connector on one end - Application: Cut strip to power	LS-SC2-5050
Connector on both ends - Application: Corners	LS-SC3-5050
L-Connector - Application: Corners	LS-SC4-5050

[lumenstarled.com](http://lumenstarled.com)

## Dim to Warm LED Flexible tape



- 18W / Meter (5.5W / foot)
- 3000K Warm white dims to 1800K Warm white
- 3M Double sided tape on back



**3000K Warm white**  
Full Brightness



**1800K Warm white**  
Dimmed



**Roll Length: 5M (16.4')**

**Cut distance: 24V :: 14 LEDs - 62.5mm (2<sup>29/64</sup>)**

## Applications

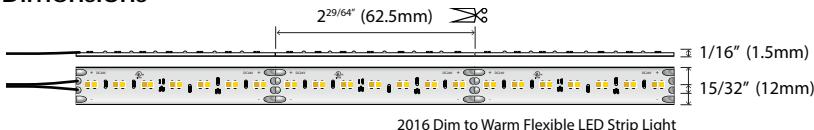
- Under cabinet lighting
- Display lighting
- Accent lighting
- Mood lighting

## Features

- 224 PCS of 2016 Chip LEDs
- Dims from 3000K to 1800K
- Xbrite** SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**

### Dimensions



### Solderless Connectors

	Code
Seamless connector - Application: Add length	LS-SC1-DTW
Connector on one end - Application: Cut strip to power	LS-SC2-DTW
Connector on both ends - Application: Corners	LS-SC3-DTW

[lumenstarled.com](http://lumenstarled.com)

## Curved Flex 2835 LED Tape



E365816

Fully dimmable



3M Tape on back  
of flex

Product Code	5M(16.4'): 5M(16.4')	LS-FLI-2B-12-72-CRV-3K LS-FLI-2B-12-72-CRV-55K
Voltage	12V DC	
Wattage	7.2W/M (2.2W/FT)	
# of LEDs	72 SMDs per 1M (3.28')	
Color Temperature	3000K Warm white 5500K White Red, Green, Blue	
CRI	>85	
Dimensions	W1/4 x H1/16" W6.5 x H1.5mm	
Lumen output	852/M (260/Ft)	
Dimmable	Yes	

**Roll Length: 5M (16.4')**

**Cut distance: 12V :: 3 LEDs - 50mm (2")**



## Applications

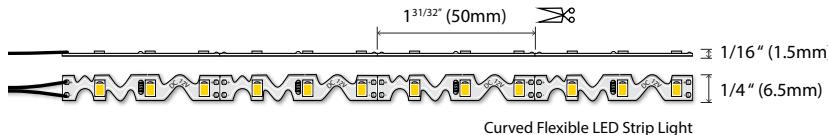
- Signage
- Channel letters
- Light boxes
- Curved displays
- Cove

## Features

- Curved Ultra thin flexible LED strip
- Double sided 3M tape
- XBrite SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**

## Dimensions



Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-3528
Connector on one end - Application: Cut strip to power	LS-SC2-3528
Connector on both ends - Application: Corners	LS-SC3-3528

[lumenstarled.com](http://lumenstarled.com)

# Color Correct LED FLEX

## Movie Edition

**Indoor 3528 High output**  
Flexible LED tape



**Fully dimmable**      **CRI >95**



Product Code	5M(16.4'): 5M(16.4)':	LS-FLI-1B-12-120-32K LS-FLI-1B-12-120-56K
Voltage	12V DC	
Wattage	9.6W/M (2.9W/FT)	
# of LEDs	120/M (3.28')	
Color Temperature	Tungsten 3200K Daylight 5600K	
Beam spread	140°	
Dimensions	W5/16 x H1/16" W8 x H1.5mm	
Lumen output	950/M (290/FT)	
Dimmable	Yes	
CRI	>95	

**Roll Length: 5M (16.4')**

**Cut distance: 12V :: LEDs - 25mm (1")**

## Applications

Movie Set lighting  
Accent lighting  
Display lighting  
Back bar lighting

## Features

- Color corrected for movie applications
- High CRI >95
- Ultra thin flex
- Xbrite SMD LED technology
- Double sided 3M tape
- +50,000 hour lifespan

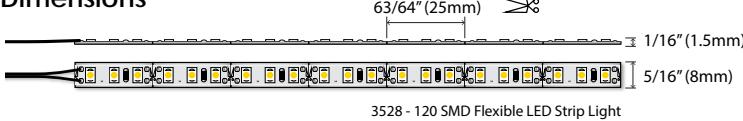
**3 Year Warranty**

Solderless Connectors	SKU
Seamless connector - Application: Add length	LS-SC1-3528-120
Connector on one end - Application: Cut strip to power	LS-SC2-3528-120
Connector on both ends - Application: Corners	LS-SC3-3528-120
L-Connector - Application: Corners	LS-SC4-3528-120

## Movie Lighting | Flexible Strip



## Dimensions



[lumenstarled.com](http://lumenstarled.com)

Moisture proof Flexible  
High output 5050 LED tape



Side view of weather protection

- 11.5W/ Meter (3.5W / foot)
- Moisture proof Silicone Coating
- High brightness LED tape
- 3M Double sided tape on back



**Roll Length:** 5M (16.4')

**Cut distance:** 12V :::: 3 LEDs - 62mm (2<sup>7/16</sup>)

## Applications

- Cove lighting
- Display lighting
- Deck lighting
- Back bar lighting

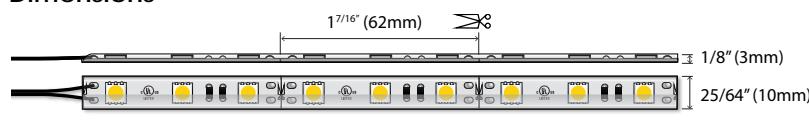
## Features

- Ultra thin flexible LED strip
- Double sided 3M tape
- Xbrite SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**



### Dimensions



Moisture Proof 5050 Flexible LED Strip Light

Solderless Connectors	SKU
Seamless connector - Application: Add length	LS-SC1-5050
Connector on one end - Application: Cut strip to power	LS-SC2-5050
Connector on both ends - Application: Corners	LS-SC3-5050
L-Connector - Application: Corners	LS-SC4-5050

[lumenstarled.com](http://lumenstarled.com)

## Outdoor 3528 LED Flexible strip



**Includes:** Extra waterproof connectors, end caps & mounting clips.



- Fully waterproof
- Bright & efficient
- Easy to install
- CRI +90
- 3000K or 5500K
- 3 Year Warranty

Product Code	5M(16.4'): 5M(16.4')	LS-FLO-1B-12-60-3K LS-FLO-1B-12-60-55K
Voltage	12V DC	
Wattage	4.8W/M (1.5W/FT)	
# of LEDs	60 SMDs / 1M (3.28')	
Color Temperature	Warm white 3000K Cool white 5500K	
Beam spread	140°	
Dimensions	W5/16 x H1/16" W10 x H3mm	
Lumen output	492/M (145/FT)	
Dimmable	Yes	

**INCLUDED with strip:** 2 waterproof connections, one on each end of strip to allow for easy connection to add length.

**Roll length:** 5M (16.4')

**Cut distance:** 12V :: LEDs - 50mm (2")

## Applications

Deck & Soffit  
Outdoor lighting  
Back bar lighting  
Mood lighting

## Features

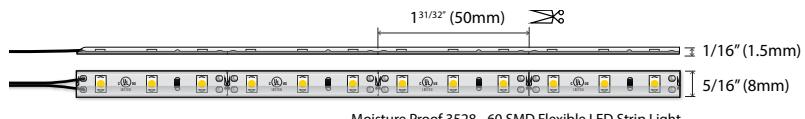
- Waterproof silicone covering
- Slim design
- Mounting clips included
- Simple to install
- Waterproof connectors
- +50,000 hour lifespan

**3 Year Warranty**



**Note:** If using solderless connectors on outdoor flexible strip, the connection points must be properly sealed to prevent moisture entry. Heat shrink tube and/or silicone is recommended. If not sealed correctly premature failure is possible.

## Dimensions



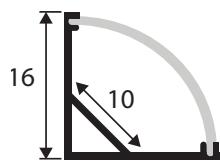
Moisture Proof 3528 - 60 SMD Flexible LED Strip Light

Solderless Connectors	Code
Seamless connector - Application: Add length	LS-SC1-3528
Connector on one end - Application: Cut strip to power	LS-SC2-3528
Connector on both ends - Application: Corners	LS-SC3-3528
L-Connector - Application: Corners	LS-SC4-3528
Waterproof connects - Application: Corners / Extending	LS-WP-3528

[lumenstarled.com](http://lumenstarled.com)

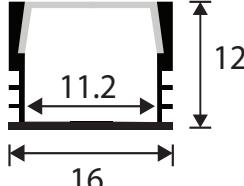
## Aluminum Profiles for LED Flex

Corner mount



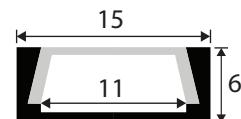
LL8

Square modern



LL9

Slim recessed



LL10

Product Code	LS-LL8-L1 LS-LL8-L2	LS-LL9-L1 LS-LL9-L2	LS-LL10-L1 LS-LL10-L2
Length	L40" (1M) L80"(2M)	L40" (1M) L80"(2M)	L40" (1M) L80"(2M)
Lens	*Frosted or Opaque *1M (3.28') or 2M (6.56') Lenses available	*Frosted or Opaque *1M (3.28') or 2M (6.56') Lenses available	*Frosted or Opaque *1M (3.28') or 2M (6.56') Lenses available
Dimensions	W5/8" (W16mm)	W5/8 x H15/32" (W16 x H12mm) <b>Router:</b> W43/64 x H15/32" W17mm x H12mm	W19/32 x H15/64" (W15 x H6mm) <b>Router:</b> W15/32" x H15/64" W16mm x H6mm
Material	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Installation	Surface corner	Recessed / Surface	Recessed / Surface
Compatible strips	Indoor & Outdoor Flex Except: RGBW & RGBW MP	Indoor & Outdoor single color Flex Except: RGBW & RGBW MP	Indoor & MP Flex Except: RGBW & RGBW MP
Compatible Solderless connects	3528 / 5050 / 2835 / RGB	Production lead or solder	Production lead or solder

### Applications

- Under cabinet
- Bathroom
- Closet
- Under cabinet
- Railings
- Display
- Shelving
- Back bar
- Work-space

[lumenstarled.com](http://lumenstarled.com)

## Aluminum Profiles for LED Flex

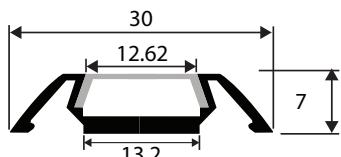
**Low profile surface**



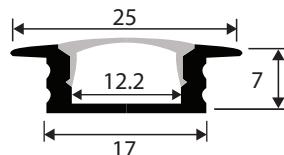
**Thin recessed or surface**



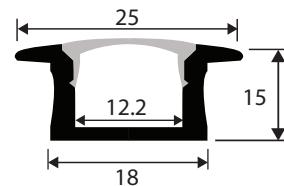
**Deep recessed**



**LL11**



**LL15**



**LL16**

Product Code	LS-LL11-L1 LS-LL11-L2	LS-LL15-L1	LS-LL16-L1
Length	L40" (1M) L80" (2M)	L40" (1M)	L40" (1M)
Lens	*Frosted or Opaque *1M (3.28') or 2M (6.56') Lenses available	Frosted, Opaque & Clear *1M (3.28') or 2M (6.56') Lenses available Frosted or opaque available	Frosted, Opaque & 1M (3.28') or 2M (6.56') Lenses available Frosted or opaque available
Dimensions	W13/16 x H9/32" W30 x H7mm	W63/64 x H9/32" (W25 x H7mm) <b>Router:</b> W45/64 x H15/64" W18 x H6mm	W63/64 x H19/32 (W25 x H15mm) <b>Router:</b> W3/4 x H35/64" W19 x H14mm
Material	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Installation	Surface mount	Recessed / Surface	Recessed / Surface
Accessories	End caps & Mounting Clips	End caps & Mounting Clips	End caps & Mounting Clips
Compatible Strips	All Indoor & MP Flex Except: RGBW & RGBW MP	All Indoor & MP Flex Except: RGBW & RGBW MP	All Indoor & Outdoor Flex Except: RGBW & RGBW MP
Compatible Solderless connects	3528	3528	3528

### Applications

- Cabinet
- Display
- Shelving
- Under cabinet
- Closet
- Hand rail
- Shelving
- Work-space
- Ceiling & wall

[lumenstarled.com](http://lumenstarled.com)

## Aluminum Profiles for LED Flex

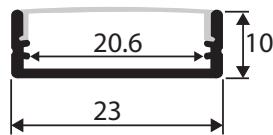
Wide Slim



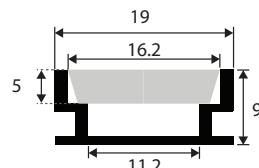
Inground - Walk on



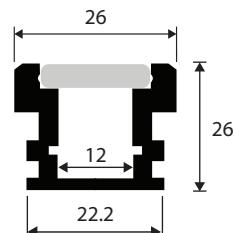
Inground - Drive on



LL13



LL21



LL22

Product Code	LS-LL13-L1 (Wide Slim)	LS-LL21 (Light duty Inground)	LS-LL22-L1 LS-LL22-L2 (Heavy duty Inground)
Length	L40" (1M) L80" (2M)	L40" (1M)	L40" (1M) L80" (2M)
Lens	*Frosted or Opaque <small>*1M (3.28') or 2M (6.56') Lenses available</small>	Thick Frosted	Thick Frosted
Dimensions	W29/32 x H25/64" (W23 x H10mm) <b>Router:</b> W15/16 x 25/64" W24mm x H10mm	W3/4 x H23/64" (W19 x H9mm) <b>Router:</b> W25/32 x H23/64" W20 x H9mm	W1-1/32 x H1-1/32" (W26 x H26mm) <b>Router:</b> W1-1/16 x H1-1/32" W27 x H26mm
Material	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Installation	Surface / Recessed	Recessed	Recessed
Accessories	End caps & Mounting Clips	End caps & Mounting Clips	End caps & Mounting Clips
Compatible Strips	All Indoor & Outdoor Flex	All Indoor & Outdoor Flex <small>Except: RGBW &amp; RGBW MP</small>	All Indoor & Outdoor Flex <small>Except: RGBW &amp; RGBW MP</small>
Compatible Solderless connects	All solderless connectors	Production lead or solder	Production lead or solder

### Applications

- Under cabinet
- Bathroom
- Closet
- Hand rail
- Walkways
- Decks
- Stairs
- Walk on
- Driveways
- Decks
- Stairs
- Drive on

[lumenstarled.com](http://lumenstarled.com)

## LED Modules



2 Mod: White 6000K | Warm white 3000K



3 Mod: White 6000K



RGB



	2 Module	3 Module
Product Code	LS-LM-2-6K LS-LM-2-3K	LS-LM-3-6K LS-LM-RGB
Voltage	12V DC	
Wattage	0.66W - 2 Mods 1.02W - 3 Mods 0.75W - RGB Mods	
# of LEDs	2 or 3 - 2835 SMD LEDs 3 - 5050 SMDs for RGB	
Housing	Thermal Resistant PC	
Color Temperature	Warm white (3000K) White (6000K) *RGB (Red, Green, Blue) *4 Wire RGB system	
Lumens	55 - 2 Mods 75 - 3 Mods	
2 Mod: 3 Mod: RGB:	L1 <sup>17/32</sup> x W19/32 x H7/16" (L39 x W15 x H11mm) L2 <sup>13/32</sup> x W19/32 x H7/16" (L61 x W15 x H11mm) L3 <sup>1/2</sup> x W1/2 x H1/4" (L89 x W12.7x 6.35mm)	
Total Length	12.5ft length includes 25 modules 3" (76.2mm) wire length between modules	

## Applications

- Backlighting Signage
- Backlighting other transparent objects
- Perimeter lighting

## Features

- Simple installation using 3M tape on back or with screw tabs
- 2 or 3 - 2835 High Brightness Chips/Module
- Outdoor rated
- Durable & Long Lasting
- 8cm (3.1") wire between modules



[lumenstarled.com](http://lumenstarled.com)

## 24V Low Voltage LED Neon



- 2.9W / Foot **9.6W** / Meter
- **Weather sealed** for outdoor use
- **ECO Friendly UV Protected silicone**
- Saltwater resistant
- 1 Meter (3.28') Wire lead
- Dimmable\*
- CRI +85



**\*Must be used with Lumenstar LED Neon Certified Dimmable Power supplies**

Product Code	10M(32.8'): LS-NF-24-10-XX
Voltage	24V DC
Wattage	<b>9.6W/M (2.9W/FT)</b>
Color Temperature	Warm white 2700K / Cool white 6500K / Red / Green / Blue / Yellow
Stocked length	<b>10M (32.8')</b> Custom available (MOQ required)
Lumens	585/M (178/FT)
Beam angle	148°
Material	<b>UV Protected</b> Silicone Jacket Saltwater Protected
Cut Lengths	1 <sup>31/32"</sup> (50mm)
Dimensions	W15/32" x H1 <sup>17/64"</sup> W12mm x H24mm

Available in Custom lengths - 100' Max length (**30M**)

Cutable distance :: 1-31/32" (50mm)

## Applications

- Cove lighting
- Accent lighting
- Outdoor lighting
- Display lighting

## Features

- 24V DC Operation
- 100' (30M)
- WW & WH : CRI 85
- V-2 Flame retardance
- **Xbrite** 24V LED Neon
- Flexible & **Cutable** design

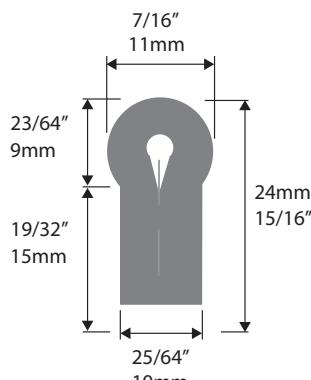


3 Year Warranty

## Accessories

SKU: LS-NF-EC	SKU: LS-NF-IC	SKU: LS-NF-CC
LS-NF-EEPF	LS-NF-BEPF	
LS-NF-SLMC	LS-NF-MC	LS-NF-AP

## Dimensions



[lumenstarled.com](http://lumenstarled.com)

## High Voltage LED Flexible strip Indoor & Outdoor rated



- Dimmable
- 8W / Meter (2.5W / foot)
- Cuttable every 30 LEDs - 20" (500mm)
- Weather sealed for outdoor use - IP65
- UV Protected housing
- Includes Power feed - 60" (152cm) long with plug



Product Code	23M(75'): 23M(75'):	LS-FLO-75-120-60-27K LS-FLO-75-120-60-5K
Voltage	120V AC	
Wattage	8W/M (2.5W/FT)	
# of LEDs	60 - 5050 chips/M	
Color Temperature	2700K Warm white 5000K White	
Beam spread	140°	
Dimensions	75' Roll: W5/16" x H9/32" 23M roll: W7.9 x H7mm	
Lumen output	920/M (280/FT)	
CRI	85	
IP Rating	65	

**Roll Length:** 75' (23M) length - Connect two together for Max run of 150'

**Cut distance :::** 30 LEDs - 20" (500mm)

## Applications

- Architectural
- Cove lighting
- Display lighting
- Outdoor lighting

## Features

- 120V AC Power
- 75' (23M) rolls (Max run per 120V input - 150')
- **Xbrite** SMD LED technology
- Dimmable
- Simple to install
- +50,000 hour lifespan

**3 Year Warranty**



Accessories	SKU
120V AC Power Feed	LS-FL120V-IP
Corner connector	LS-FL120V-JC
Splice kit	LS-FL120V-SK
Mounting Clips	LS-FL120V-MC
Mounting Track	LS-FL120V-MT
End caps	LS-FL120V-EC



# RGB LED Tape light

## RGB LED Flexible Tape



**Long Lengths required?**  
Available in 24V - 25M (82' rolls)

- 4 Wire System
- Requires **RGB Controller** to function optimally (**Sold separately**)

**NOTE:** Dimmable power supplies cannot be used with our **RGB** controllers. All of our **RGB** controllers are dimmable with remote.

Product Code	5M(16.4'): 5M(16.4'): 25M(82'):	LS-FLI-5B-12-30-RGB *LS-FLI-5B-24-60-RGB** *LS-FLI-5D-24-30-RGB
Voltage	12V / *24V DC	
Wattage	7.2W/M (2.2W/FT) **14.4W/M (4.4W/FT)	
# of LEDs	150 Triple chip SMDs per roll	
Color Temperature	RGB color changing	
Beam spread	140°	
Dimensions	W25/64 x H5/64" W10 x H2mm	
Lumens	30 chips/ M: 410/M (125/FT) 60 Chips/M: 820/M (250/FT)	
Dimmable	Yes (Using <b>RGB Controller</b> )	

### Roll length: 5M (16.4') & 25M (82') lengths

- **12V** Cuttable ✕ every 3 LEDs 3<sup>15/16"</sup> (100mm)
- **24V** Cuttable ✕ every 6 LEDs 7<sup>7/8"</sup> (200mm)

## Applications

- Cove lighting
- Mood lighting
- Display lighting
- Back bar lighting

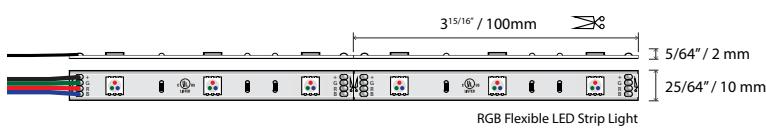
## Features

- Super bright **Vibrant Color Spectrum**
- Ultra thin profile
- **Xbrite** Triple chip SMD LED technology
- Modern contemporary design
- Super efficient
- +50,000 hour lifespan

**3 Year Warranty**



Solderless connectors make simple work of corners or adding extra length where required.



Solderless Connectors	SKU
Seamless connector - Application: Add length	LS-RGB-SC1
Connector on one end - Application: Cut strip to power	LS-RGB-SC2
Connector on both ends - Application: Corners	LS-RGB-SC3
L-Connector - Application: Corners	LS-RGB-SC4

**12 or 24V DC Power supplies & RGB Controllers:**  
Sold separately

Outdoor LED Flexible **RGB** strip

**Moisture Proof Strip - 5M (16.4')** Lengths



Outdoor **Weatherproof connectors** both ends of strip



Waterproof Strip Available:  
10M (32.8') 12V or \*24V option



**NOTE:** Dimmable power supplies cannot be used with our **RGB** controllers. All of our **RGB** controllers are dimmable with remote

## Applications

- Outdoor lighting
- Back bar lighting
- Mood lighting
- Display lighting

## Features

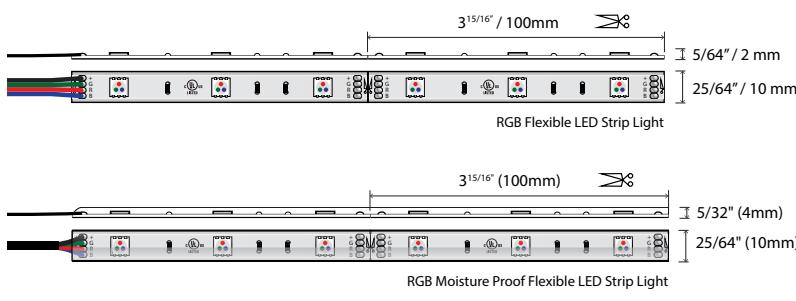
- Ultra thin moisture proof transparent silicone jacket
- Double sided 3M tape (MP version only)
- **Xbrite** Triple chip SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

3 Year Warranty

### Power supplies & **RGB** Controllers:

- To function optimally **RGB** LEDs require an LED 12V/24V DC Driver + an **RGB** Receiver & Remote

**Note:** If using solderless connectors on outdoor flexible strip, the connection points must be properly sealed to prevent moisture entry. Heat shrink tube and/or silicone is recommended. If not sealed correctly premature failure is possible.



Solderless Connectors	SKU
Seamless connector - Application: Add length	LS-RGB-SC1
Connector on one end - Application: Cut strip to power	LS-RGB-SC2
Connector on both ends - Application: Corners	LS-RGB-SC3
L-Connector - Application: Corners	LS-RGB-SC4
Waterproof connects - Application: Corners / Extending	LS-RGB-OS5

## RGBWW LED Flexible Tape



- Cuttable every 6 LEDs - 4" (102mm)
- RGB & Warm white 2700K Chips
- 5 Wire system



**NOTE:** Dimmable power supplies cannot be used with our RGB controllers. All of our RGB controllers are dimmable with remote

Product Code	5M(16.4'): LS-FLI-35B-24-60-RGBW 5M(16.4'): LS-FLM-35B-24-60-RGBW
Voltage	24V DC
Wattage	14.4W/M (4.4W/FT)
# of LEDs	300 Triple chip SMDs/roll 30 RGB Chips & 30 WH or WW Chips/M
Color Temperature	RGBWW color changing RGB + Warm white 2700K Chips
Dimensions	I: W35/64 x H5/64" (W14 x 2mm) MP: W35/64 x H5/32" (W14 x H4mm)
High CRI	>90
Lumens	410/M (125/FT) Using only RGB 944/M (288/FT) WW only 1354/M (413/FT) for RGB & WW
Dimmable	Yes (Using RGB Controller)

**Roll Length: 5M (16.5')** Indoor & Moisture proof  
25M (82') lengths: Special order only

**Cut distance:** 24V :::: 6 LEDs - 4" (200mm)

## Applications

- Cove lighting
- Mood lighting
- Display lighting
- Back bar lighting

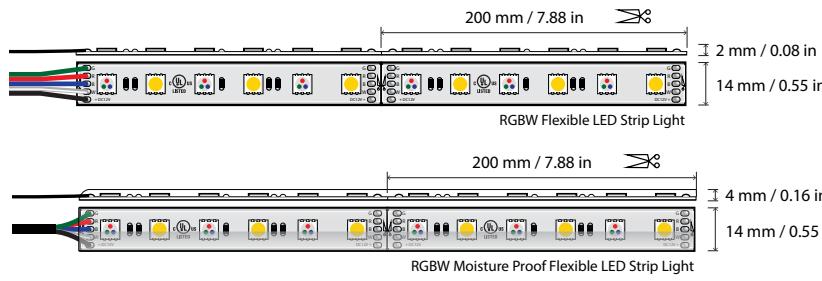
## Features

- Ultra thin profile
- Double sided 3M tape
- Xbrite Triple chip SMD LED technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

3 Year Warranty



**Note:** If using solderless connectors on outdoor flexible strip, the connection points must be properly sealed to prevent moisture entry. Heat shrink tube and/or silicone is recommended. If not sealed correctly premature failure is possible.



Solderless Connectors	Code
Seamless connector - Application: Add length	LS-RGBW-SC1
Connector on one end - Application: Cut strip to power	LS-RGBW-SC2
Connector on both ends - Application: Corners	LS-RGBW-SC3
L-Connector - Application: Corners	LS-RGBW-SC4

### RGBW Controllers Sold separately:

- To function optimally RGBW LEDs require an LED 12V/24V DC Driver + an RGBW Receiver & Controller

[lumenstarled.com](http://lumenstarled.com)



## Wifi Multi-zone RGB Controller



- Control up to **50 Zones**
- Group Zone function
- 16 Million color choices
- 20 Pre-programmed modes
- Alexa compatible



Touch  
RF Remote



Mini  
RF Remote



### Product Code

LS-RGB-WIFI (Receiver & remote)  
LS-RGB-MWIFI (receiver & Mini remote)

### Voltage

12V - 24V DC

### Output

4A/ channel  
144W/12V DC (288W/24VDC)

### Controller dimensions

L3<sup>25/64</sup> x W1<sup>49/64</sup> x H29/32"  
L86 x W45 x H23mm

### Compatibility

OS 4.3 & Android 2.3  
minimum requirement

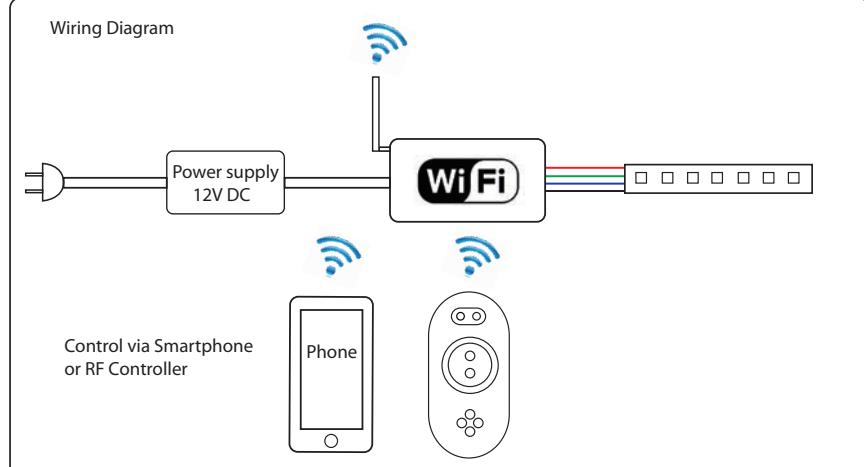
### Working Temperature

- 20°C to 60°C

### Remote range

82' (25M)

**NOTE:** Dimmable power supplies cannot be used with our RGB controllers. All of our RGB controllers are dimmable with remote



## RGB(W) / CCT & Single color

RF Smart controllers



- Simple & reliable
- Quality components
- Sleek design



Wall mount included with every remote

**LS-RGB-RM7**  
(RGB Lights)

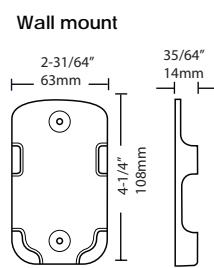
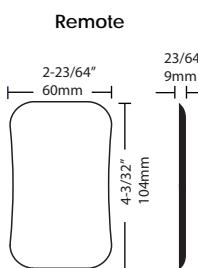


Wall mount included with all remotes

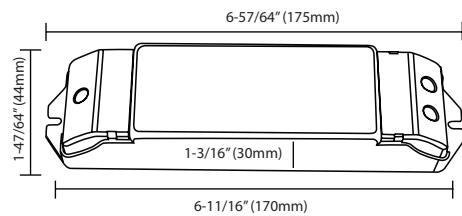
**LS-RGBW-RM8**  
(RGBW Lights)

**LS-SC-M1**  
(Single color)

**LS-CCT-RM5**  
(CCT lights)



Receiver



Product Code	Receiver: LS-RCV-5A Remotes: LS-RGB-RM7   LS-RGBW-RM8 LS-CCT-RM5   LS-SC-RM1
Input Voltage	12V - 36V DC
Output Receiver	4 x 5A/Channel (12V - 60W/channel) (24V - 120W/channel)
Remote range	RF - Up to 50 ft
Remote dimensions	L <sup>4</sup> 3/32" x W <sup>2</sup> 3/64" x H <sup>2</sup> 3/64" L104 x W60 x H9mm
Remote range	RF up to 50 ft
Remote functionality	RGB/W - Fade/flash/custom colors/dimming Single color - Preset dimming CCT - Dimming/CCT

### Selecting a lighting control system

1. Select a remote based on the lighting type (RGB or CCT) you will be using. Multiple remotes can be used.
2. Choose the number of receivers required for the number of separate zones.
3. Make sure each individual receiver can handle the load (Amps or Watts) of the light source.
4. Select the correct low voltage power supply(s) to meet the load requirements of the system.

**Remotes** can be paired to multiple receivers  
2+ receivers can be controlled by one remote

**Receivers** can have multiple remotes paired  
2+ Remotes can be paired to one receiver



NOTE: Dimmable power supplies cannot be used with our RGB controllers. All of our RGB controllers are dimmable with remote

Dimensions: L<sup>6</sup>5/64" x W<sup>1</sup>47/64" x H<sup>1</sup>3/16"  
L175 x W44 x H30mm

SKU: LS-RCV-5A (Receiver for M1/M7/M8)

Product	Code	Functionality	Specs
<p>Receiver - Required to use any remote</p>  <p><b>NOTE:</b> Dimmable power supplies cannot be used with our <b>RGB</b> controllers. All of our <b>RGB</b> controllers are dimmable with remote</p>	SKU: LS-RCV-5A Receiver for RF remotes	<p>Receiver for:</p> <ul style="list-style-type: none"> <li>• <b>RGB</b></li> <li>• <b>RGBW</b></li> <li>• <b>CCT</b></li> <li>• <b>SC</b></li> </ul> <p><b>5 - 24V DC input</b></p>	<p>4 x 5A/Channel (12V - 60W / channel) (24V - 120W / channel)</p> <p>Note: <b>RGB</b> uses 3 channels <b>RGBW</b> uses 4 channels</p> <p><b>Dimensions:</b> L29/32 x W639/64 x H17/64" L58 x W168 x H28mm</p> <p><b>Functions:</b> Master or Slave</p>
	SKU: LS-RGB-RM7 (RGB Lights)	<ul style="list-style-type: none"> <li>• Controls <b>RGB</b></li> <li>• Dimming</li> <li>• Fade/Flash/Jump</li> <li>• Custom colors</li> <li>• 6 Pre-sets</li> </ul>	<p>L43/32 x W223/64 x 23/64" L104 x W60 x H9mm</p> <p><b>Wall mount for remote included</b></p>
	SKU: LS-RGBW-RM8 (RGBW Lights)	<ul style="list-style-type: none"> <li>• Controls <b>RGBW</b></li> <li>• Dimming</li> <li>• Fade/Flash/Jump</li> <li>• Custom colors</li> <li>• 7 Pre-sets</li> </ul>	<p>L43/32 x W223/64 x 23/64" L104 x W60 x H9mm</p> <p><b>Wall mount for remote included</b></p>
	SKU: LS-SC-RM1 (Single Color lights)	<ul style="list-style-type: none"> <li>• Controls Single color LEDs</li> <li>• Dimming</li> <li>• 2 Pre-sets</li> </ul>	<p>L43/32 x W223/64 x 23/64" L104 x W60 x H9mm</p> <p><b>Wall mount for remote included</b></p>
	SKU: LS-CCT-RM5 (CCT lights)	<ul style="list-style-type: none"> <li>• Controls <b>CCT</b> LEDs</li> <li>• Speed Control</li> <li>• Dimming</li> <li>• Mode key</li> </ul>	<p>L43/32 x W223/64 x 23/64" L104 x W60 x H9mm</p> <p><b>Wall mount for remote included</b></p>
	SKU: LS-AMP-5A (Amplifier)	<p>Amplifier for: <b>RGB / CCT &amp; SC</b></p>	<p>3 x 5A/Channel (12V - 60W / channel) (24V - 120W / channel)</p> <p>L449/64 x W117/32 x H1 17/32" L121xW39xH39mm</p>

## RF RGBW / CCT & Single color (SC)

Multi-zone LED control systems



**LS-RGB-MZR**  
(RGB Lights)



**LS-RGBW-MZWMR**  
RGBW Wall Mount  
Fits single gang junction box



**LS-RGBW-MZR**  
(RGBW Lights)



**LS-CCT-MZR**  
(CCT lights)



**LS-SC-MZR**  
Single color light  
Remote

### Product Code

Input Voltage	12V - 36V DC
Output	4 x 8A/Channel (12V - 96W) (24V - 192W) / (36V - 288W)
Remote range	RF - Up to 25M (82')
Wireless Remote Wall Mount Remote	L4 <sup>23/32</sup> x W2 <sup>11/64</sup> x H43/64" L120 x W55 x H17mm
Functions	<ul style="list-style-type: none"> <li>- Multi-zone</li> <li>- Dimming</li> <li>- Fade/Flash Jump</li> <li>- Custom Colors</li> <li>- Scene selection</li> <li>- Speed control</li> </ul>

### Selecting a lighting control system

1. Select a remote based on the lighting type (RGB - CCT or SC) you will be using. Multiple remotes of same LED type can be used together.
2. Choose the number of receivers required for the number of separate zones.
3. Make sure each individual receiver can handle the load (Amps or Watts) of the light source.
4. Select the correct low voltage power supply(s) to meet the requirements of the system.

**Remotes** can be paired to multiple receivers  
2+ receivers can be controlled by one remote

**Receivers** can have multiple remotes paired  
2+ Remotes can be paired to one receiver

### Receiver/Amplifier for RGBW :: CCT :: SC



**Dimensions:** L6<sup>39/64</sup> x W2<sup>9/32</sup> x H1<sup>7/64</sup>"  
L168 x W58 x H28mm

**Code:** LS-RGB-MZ8A (Receiver)



**NOTE:** Dimmable power supplies cannot be used with our RGB controllers. All of our RGB controllers are dimmable with remote

### RF Remote:

- Control up to four zones on handheld remotes
- Set Custom Scenes
- Can be controlled with IOS & Android App over WIFI or directly to receiver.



[lumenstarled.com](http://lumenstarled.com)

Product	Code	Functionality	Specs
Receiver - Required to use any remote below.	<b>SKU: LS-RCV-MZ8A</b> Receiver for RF remotes  <b>Multi-zone receiver sync range - 15M (50')</b>  <b>Note:</b> Does not require a remote, smartphone WiFi app included	Receiver for: <ul style="list-style-type: none"><li>• <b>RGB</b></li><li>• <b>RGBW</b></li><li>• <b>CCT</b></li><li>• <b>SC</b></li></ul> <b>12 - 36V DC Input</b> Can be used as receiver or amplifier	4 x 8A/Channel (12V - 96W / channel) (24V - 192W / channel) (36V - 288W / channel)  <b>Dimensions:</b> L6 <sup>39/64</sup> x W2 <sup>9/32</sup> x H1 <sup>7/64</sup> " L58 x W168 x H28mm  <b>Functions:</b> Master or Slave ::: WIFI capable :::
   	<b>SKU: LS-RGB-MZR</b> (RGB Lights)  <b>Remote range:</b> 20M (65')	<ul style="list-style-type: none"><li>• Controls <b>RGB</b></li><li>• Multi-zone (4)</li><li>• Dimming</li><li>• Fade/Flash/Jump</li><li>• Custom colors</li><li>• 3 Pre-sets</li></ul>	L4 <sup>23/32</sup> x W2 <sup>11/64</sup> x H43/64" L120 x W55 x H17mm  <b>Magnetic wall mount for remote included</b>
   Includes: Magnetic Wall Mount	<b>SKU: LS-RGBW-MZR</b> (RGBW Lights)  <b>Remote range:</b> 20M (65')	<ul style="list-style-type: none"><li>• Controls <b>RGBW</b></li><li>• Multi-zone (4)</li><li>• Dimming</li><li>• Fade/Flash/Jump</li><li>• Custom colors</li><li>• 3 Pre-sets</li></ul>	L4 <sup>23/32</sup> x W2 <sup>11/64</sup> x H43/64" L120 x W55 x H17mm  <b>Magnetic wall mount for remote included</b>
   Includes: Magnetic Wall Mount	<b>SKU: LS-SC-MZR</b> (Single Color lights)  <b>Remote range:</b> 20M (65')	<ul style="list-style-type: none"><li>• Controls Single color LEDs</li><li>• Multi-zone (4)</li><li>• Dimming</li><li>• 3 Pre-sets</li></ul>	L4 <sup>23/32</sup> x W2 <sup>11/64</sup> x H43/64" L120 x W55 x H17mm  <b>Magnetic wall mount for remote included</b>
   Includes: Magnetic Wall Mount	<b>SKU: LS-CCT-MZR</b> (CCT lights)  <b>Remote range:</b> 20M (65')	<ul style="list-style-type: none"><li>• Controls CCT LEDs</li><li>• Multi-zone (4)</li><li>• Dimming</li><li>• 3 Pre-sets</li></ul>	L4 <sup>23/32</sup> x W2 <sup>11/64</sup> x H43/64" L120 x W55 x H17mm  <b>Magnetic wall mount for remote included</b>
   Fits: Single gang junction box	<b>SKU: LS-RGBW-MZWMR</b> RGB Wall Mount remote Fits single gang junction box  <b>Wireless link to receiver</b> <b>Remote range:</b> 20M (65')	<ul style="list-style-type: none"><li>• Fits 1 Gang box</li><li>• Dimming</li><li>• Fade/Flash</li><li>• Custom colors</li><li>• 3 Pre-sets</li><li>• Controls <b>RGB</b> or <b>RGBW</b> LEDs</li></ul>	<b>Voltage:</b> 12-24V DC <b>Wattage:</b> 2.5W (12V) / 5W (24V)  <b>Wall mount dimensions:</b> L120 x W75 x H29mm <b>L4.72 x W2.95 x H1.15"</b>  <b>Wireless link to receiver Range:</b> 20M (65')



## RGB Amplifiers:

Boosts signal on long runs or large power consumption applications



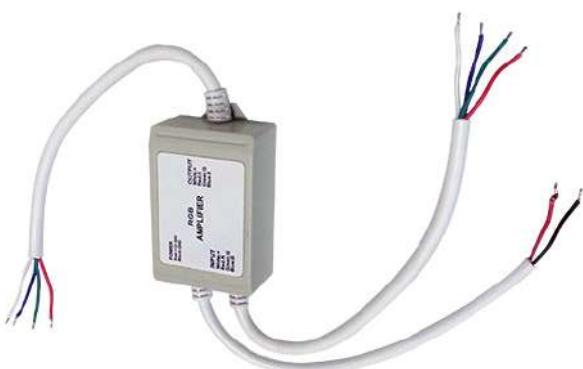
Product Code	LS-RGB-AMP-5A
Voltage	12 - 24V DC Input
Dimensions	L4 <sup>49/64</sup> x W1 <sup>17/32</sup> x H1 17/32" L121xW39xH39mm
Max Watts	<b>3 x 5A/Channel</b> (12V - 60W / channel) (24V - 120W / channel)

## RGB Mini Amplifier



Product Code	LS-RGB-Amp
Voltage	12 - 24V DC Input
Dimensions	L3 <sup>55/64</sup> x W1-49/64 x H 45/64" L98 x W45 x H18mm
Max Watts	<b>3 x 4A/Channel</b> (12V - 48W / channel) (24V - 96W / channel)

## Outdoor RGB Amplifier



Product Code	LS-RGB-O-Amp
Voltage	12V - 24V DC Input
Output power	12V = 144W 24V = 288W
Output current	<b>3 x 4A / channel</b> 12V = 48W/ Channel 24V = 96W/ Channel
Working Temperature	-50°C - +65°C
Dimensions	L 3 <sup>47/64</sup> x W 2 <sup>3/64</sup> x H1 <sup>3/16</sup> " L95 x W52 x H30mm

**Applications for RGB Amplifier:** To extend RGB signal in outdoor applications

## RGB DMX Decoder



LS-DMX-DCR

Product Code	LS-DMX-DCR	LS-24-DMX-DCR	LS-DMX-DIG-DCR
Voltage	12V - 24V DC Input	12V - 24V DC Input	12V - 24V DC Input
Output	<b>4 Channel</b>	<b>24 Channel</b>	<b>5 Channel</b>
Output current	Each channel 4A	Each channel 2A	Each channel 8A
Dimensions	L6 <sup>1/2</sup> x W2 <sup>43/64</sup> x H1 <sup>37/64</sup> L165 x W68 x H40mm	L13 <sup>25/32</sup> x W7 <sup>3/32</sup> x H2 <sup>9/16</sup> L350 x W180 x H65	L6 <sup>29/64</sup> x W2 <sup>7/8</sup> x H1 <sup>1/2</sup> L164 x W73 x H38
Output power	12V (144W) 24V (288W)	12V (576W) 24V (1152W)	12V (480W) 24V (960W)

**DMX Decoders use:** To control low voltage **RGB** lighting with **DMX** 512 controls

**Digital decoder:** For use with **RGB & RGBW**



LS-24-DMX-DCR

## Features of 4 & 24 Channel

- DMX input & output
- Converts the universal standard DMX512/1990 signal into analog signal to control our RGB Flex Strips
- User addressable DMX interface-with easy dip-switch settings and testing modes
- High power output, 3 output channels, 4 amps per channel
- DMX pass through and in/out connector for daisy chain configurations
- DMX Input or RJ45

## Features of Digital

- DMX512 RDM decoder, RDM function facilitates intercommunication between DMX master and decoder.
- Function: Set DMX decoder's address by DMX master console.
- Metal housing, digital display to show data directly, easily to set and show DMX address.
- Multiple Styles of DMX in/out ports: RJ 45, XLR , Screw terminal.
- Total 5 PWM output channels, common anode. DMX channel quantity from 1CH~5CH settable
- PWM output resolution ratio 8bit , 16bit settable.
- Output PWM frequency from 500HZ ~ 30K HZ settable.
- Output dimming curve gamma value from 0.1 ~ 9.9 settable.
- Decoding mode settable.

## RGB DMX Controller



Product Code	LS-DMX-SIM
Voltage	120V AC
Wattage	3W
IP Protection	20
Receiver Size	L6 <sup>1</sup> / <sub>2</sub> x W4 <sup>9</sup> / <sub>64</sub> x H1 <sup>57</sup> / <sub>64</sub> " L165 x W105 x H48mm
Working Temperature	-20°C ~ +50°C
Surface Mountable	Yes

## RGB DMX Console



Product Code	LS-DMX-Console
Voltage	120 - 240V AC Input
Output terminal	XLR-3
Dimensions	L 21 x W7 <sup>9</sup> / <sub>32</sub> x H3 <sup>15</sup> / <sub>16</sub> " L535 x W185 x H100mm
Features	192 CH, 12 Scanner, 16 Channels per scanner 8 Sliders, 6 Programmable chases of 240 Scenes Power failure memory & Blackout protection

## RGB DMX Touch Controller



### Features

- 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 - 32Gb Max
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely

Product Code	LS-DMX-Touch
Input Voltage	110 - 240V AC
Output protocol	DMX512 (x2)
Programmability	PC, Mac, Tablet, Smartphone
Connections	USB, Ethernet, RS232, Clock, 8 dry contact ports, 5v Output Relay
Memory	microSD (32Gb Max)
Mounting	Single or double gang Junction box
Dimensions	L5 <sup>3</sup> / <sub>4</sub> x W4 <sup>11</sup> / <sub>64</sub> x 7/16" L146 x W106 x H11mm

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### Simple RF Dimmer



- Low voltage dimmer w/remote
- Dims puck lights, linear lights, flexible strip lights etc

Product Code	LS-RF-Dim-RM
Input Voltage	12 - 24V DC
Max Load	8A (96W)
Output	Single Channel
Output Power	12V - 96W
Receiver Size	L4 <sup>21/64</sup> x W2 <sup>13/64</sup> x H1 <sup>11/32</sup> L110 x W56 x H34mm
Function	Dims from 0 ~ 100 using PWM (pulse width modulation)
Remote	On/off -- brightness up & brightness down

### Mini RF Inline Dimmer



- Inline Low voltage dimmer with remote
- Dims puck lights, linear lights, flexible strip lights etc

Product Code	LS-IL-Dim
Input Voltage	12 - 24V DC
Max Load	5 Amps (12v=60W / 24V=120W)
Output	Single Channel
Output Power	12V - 72W
Receiver Size	L4 <sup>21/64</sup> x 0.5 x 3/8" L110 x W56 x H34mm
Function	On/off & dim 3 Preset dim: 25%/50% & 100% Plus: strobing, flashing & fading
Remote	On/off, brightness up, brightness down

### Rotary dimmer - High Amperage



Product Code	LS-DIM-30A
Input Voltage	12 - 24V DC
Max Load	30 Amps (12v=360W / 24V=720W)
Output	Single Channel
Output Power	30A: 12V - 360W / 24V - 720W
Dimensions	L3 <sup>3/8</sup> x W2 <sup>1/2</sup> x 3/4" L85 x W62 x H20mm
Function	On/off & rotary dim

## RF Wall mount Dimmer



- RF Wireless remote
- On/off: Dim up & Down
- Magnetic housing
- Battery operated



**Mounting:** Screws or Magnet  
**Recessed Cutout:** 1-3/8" (35mm)



- Receiver operates 12-36V DC
- Dims puck lights, linear lights, flexible strip lights etc
- Surface mountable

Product Code	LS-RF-DIM-MWM LS-WM-DIM-REC
Input Voltage	12 - 36V DC
Max Load	8 Amps
Output	Single Channel
Output Power	(12v=96W / 24V=192W)
Receiver Size	L3 <sup>47/64</sup> x W1 <sup>29/64</sup> x H0.79" L95 x W37 x H20mm
Remote Size	Ø1 <sup>1/2</sup> " (38.5mm)
Cutout for remote	Ø1 <sup>3/8</sup> " (35mm)
Remote Function	On/off & Dimming Press button to dim up or down

### Mounting - 3 Ways

Surface / Magnet / Recessed

## Applications

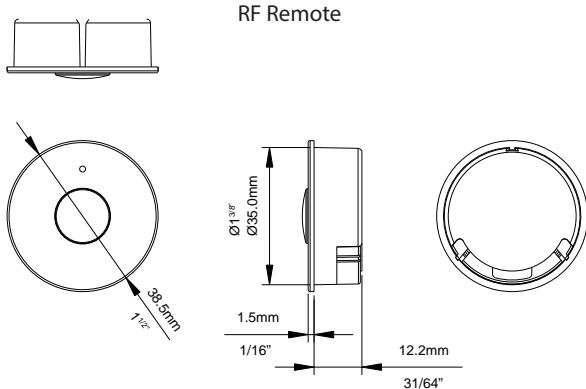
- Under cabinet lights
- Flexible strip lights
- Display lighting

## Features

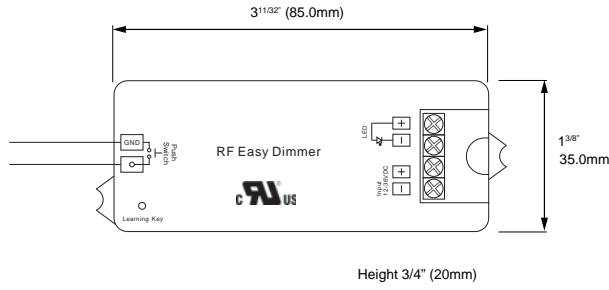
- RF Dimmer Remote/Receiver options
- Used with 12V or 24V systems
- Requires no additional wiring
- One dimmer can handle up to 96W
- Controls dimmer up to 30ft away

### 3 Year Warranty

## Dimensions



Receiver



### Magnetic On/Off Switch



#### Applications:

Cabinets : Drawers : Closets : Cupboards

Product Code	LS-MAG-SW
Input Voltage	12 - 24V DC
Wattage	10W
Housing	PC
Length	2.5"
Width of Pair	1.25"
Height	0.45"
Type	Normal Open (NO)

Product Code	LS - MS
Input Voltage	12 - 24V DC
Housing	PC
Maximum Current Output	< 8A
Maximum Power Output	12V: 96W 214V: 192W
Dimensions	L3 <sup>1</sup> / <sub>2</sub> x W2 <sup>21</sup> / <sub>64</sub> x H1 <sup>3</sup> / <sub>8</sub> " L89 x W59 x H35mm

#### Motion Sensor with timer: 1 - 10 min



#### PIR Motion Sensor Switch Controller

**Applications:** Room occupancy switch  
Energy Conservation

#### Recessed Motion Sensor



#### Recessed On/Off



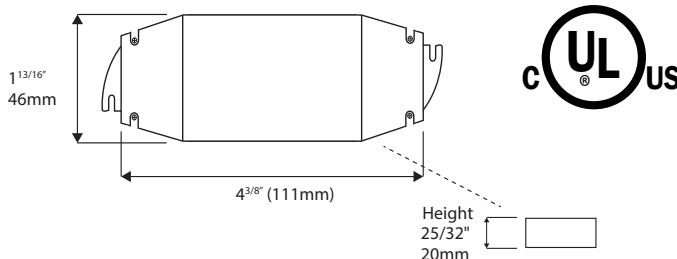
#### Applications:

Cabinets : Drawers : Closets

Product Code	LS-MS-PIR	LS-SNS-SW
Input Voltage	12 - 24V DC	12 - 24V DC
Wattage	12VDC - 30W 24VDC - 60W	12VDC - 30W 24VDC - 60W
Output power	2.5A x 1CH	2.5A x 1CH
Wire size	2 Wire (+/-) 22AWG	2 Wire (+/-) 22AWG
Dimensions	L1 <sup>37</sup> / <sub>64</sub> x W53/64 H7/16" L40 x W x H21 x H11mm	L1 <sup>37</sup> / <sub>64</sub> x W53/64 H7/16" L40 x W x H21 x H11mm
Operating temp	-4° ~ 140°F	-4° ~ 140°F
Hole Cutout	15/32" - 1/2" 11 - 12.8mm	15/32" - 1/2" 11 - 12.8mm
Range	10' Radius to activate	Touch or motion hand 0.6" in front to turn on or off

## LED Power supply

**15W**



### Technical data

- Short circuit and overload protection
- Indoor use only
- Surface mountable
- Easy installation
- Protection: **Class 2**
- Hardwire compatible

Product Code	LS-15W-Driver
Input	100 - 230V AC
Output	12V DC
Wattage	15W max (1.25A)
Wire lead length	Plug input 72" (1829mm) wire Output 6" (153mm) wire
Dimensions	L4 3/8" x W1 13/16" x H25/32" L111 x W46 x H20mm

**Note:** Hardwire compatible

### Applications

Used with 12V DC Products:

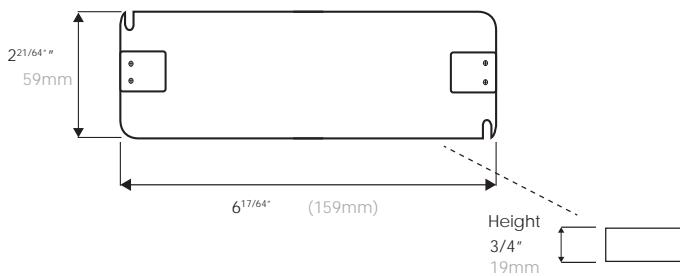
- Cabinet Lighting
- Linear lighting
- Flexible strip lighting
- Signage lighting

**30W**

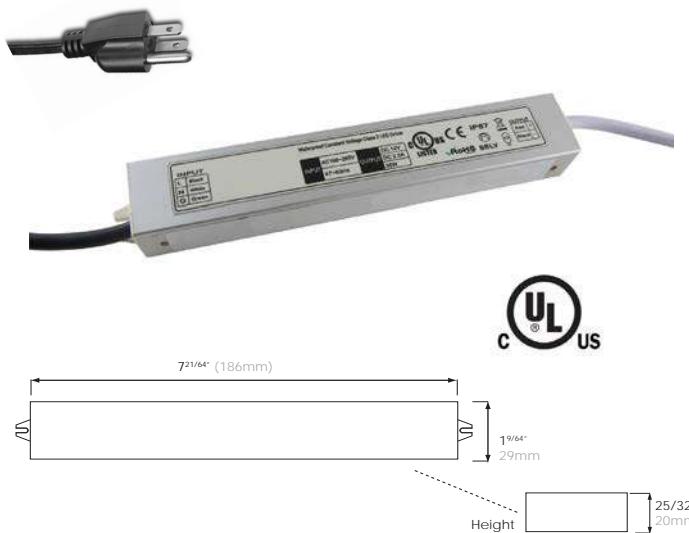


Product Code	LS-30W-Driver
Input	100 - 230V AC
Output	12V DC
Wattage	30W max
Wire lead length	Plug input 6ft wire Output 6" wire 135mm
Dimensions	L 6 17/64" x W 2 21/64" x H 3/4" L159 x W59 x H19mm

**Note:** Hardwire compatible



## 30W Indoor/Outdoor Power Supply

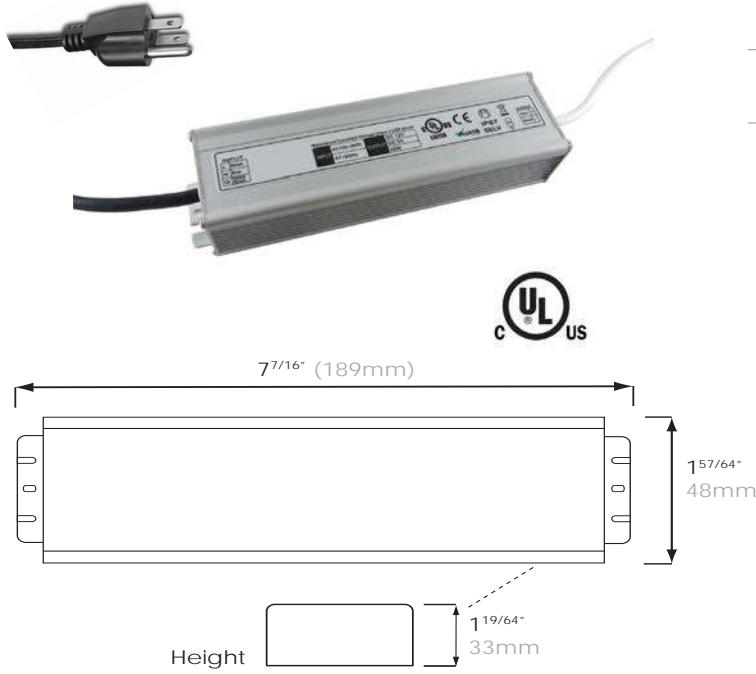


### Applications

Used with 12V DC Products:

- Outdoor Lighting
- Cabinet Lighting
- Flexible strip Lighting
- Signage Lighting

## 60W Indoor/Outdoor Power Supply



Product Code	LS-30W-O-Driver
Input	100 - 265AC (50 - 60Hz)
Output	12V DC (2.5A)
Wattage	30W max
Dimensions	L 7 <sup>21/64</sup> x W1 <sup>9/64</sup> x 25/32" L186 x W29 x H20mm

### Technical data

- Short circuit and overload protection
- IP66 - Indoor/outdoor use
- Working temperature -25°C ~ +50°C
- Surface mountable
- 18" wire leads - Plug included
- **Class 2** power supply



Product Code	LS-60W-O-Driver
Input	100 - 265V AC (50 - 60Hz)
Output	12V DC (5A)
Wattage	60W
Dimensions	L7 <sup>7/16</sup> x 1 <sup>57/64</sup> x 1 <sup>19/64"</sup> L189 x W48 x H33mm

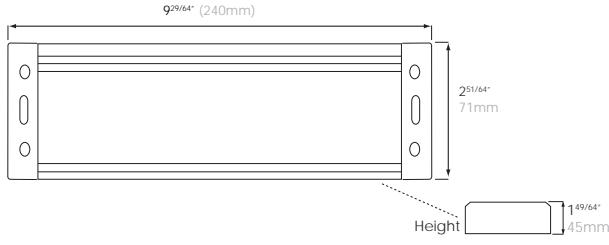
### Technical data

- Short circuit and overload protection
- IP66 - Indoor/outdoor use
- Working temperature -25°C ~ +50°C
- Surface mountable
- 18" wire leads
- **Class 2** power supply

## 150W Outdoor rated LED Power Supply



Includes grounded plug



## 320W - 12V & 240W - 24V Outdoor rated LED Power Supply

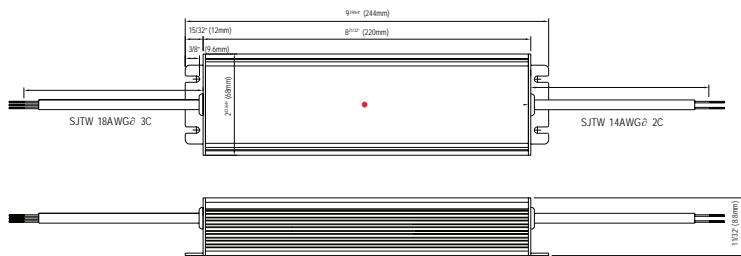


Product Code	LS-150W-O-Driver	LS-24V-150W-O-Driver
Input	100 - 240V AC	100 - 240V AC
Output	12V DC (12A)	24V DC (6.25A)
Wattage	150W max	150W max
IP Rating	67	67
Dimensions	L 9 <sup>29/64</sup> x W 2 <sup>51/64</sup> x H 1 <sup>49/64</sup> L240 x W71 x H45mm	L 9 <sup>29/64</sup> x W 2 <sup>51/64</sup> x H 1 <sup>49/64</sup> L240 x W71 x H45mm

### Technical data

- Short circuit and overload protection
- IP67 - Indoor/outdoor use
- Working temperature -25°C ~ +50°C
- Surface mountable
- 18" wire leads
- North American Plug included

	12V	24V
Product Code	LS-320W-O-Driver	LS-240W-24V-O-Driver
Input	100 - 277V AC	100 - 277V AC
Output	12V DC (22A)	24V DC (10A)
Wattage	264W max	240W max
Dimensions	L 9 <sup>59/64</sup> (252mm) W 3 <sup>35/64</sup> x (90mm) H 1 <sup>23/32</sup> x (43.8mm)	L 9 <sup>39/64</sup> (244mm) W 2 <sup>43/64</sup> x (68mm) H 1 <sup>17/32</sup> x (39mm)



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## Dimmable 24W, 45W & 60W LED Power Supplies



### Damp location rated

**24W | 45W | 60W**

Class 2 rated  
Hardwire install

Note: \*24V Dimmable LED driver only stocked in 60W version

Wide-range compatibility with all classes of dimmers and lighting controllers



### Applications

Used with 12V DC Products:

- Cabinet Lighting
- Flexible Strip Lighting
- Signage Lighting
- Outdoor Lighting



Product Code	LS-24D-CV	LS-45D-CV	LS-60D-CV *LS-24V-60D-CV
Input	120V AC	120V AC	120V AC
Output	12V DC	12V DC	12V / 24V
Wattage Amperage	24W 2A	45W 3.75A	60W (5A-12V) 60W (2.5A-24V)
Working temperature	4°F (-20°C) to 104°F (40°C)	4°F (-20°C) to 104°F (40°C)	4°F (-20°C) to 104°F (40°C)
Dimensions	L1 <sup>17</sup> / <sub>32</sub> " (155mm) W2 <sup>1</sup> / <sub>8</sub> " (54mm) H25/32" (20mm)	L7 <sup>3</sup> / <sub>32</sub> " (180mm) W2 <sup>13</sup> / <sub>32</sub> " (61mm) H63/64" (25mm)	L7 <sup>3</sup> / <sub>32</sub> " (180mm) W2 <sup>23</sup> / <sub>64</sub> " (60mm) H1 <sup>3</sup> / <sub>8</sub> " (35mm)

### Technical data

- Smooth full range dimming performance
- No minimum load
- Microprocessor controlled for smooth fade-on/off
- Direct wire hook-up installation
- Suitable for use in dry and damp locations
- cETLus Certified to CSA & UL Standards

### 120V AC Input



### 12 & 24V DC Out-



### • Dimmable through line voltage side

Requires no minimum load - Direct wire hook-up installation- Suitable for use in dry and damp locations.

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## 12V Dimmable Magnetic LED Power Supply



**20W - 60W - 150W - 300W**  
Class 2 rated



## Magnetic low voltage dimmer switch



**LS-MLV-450W**

Product Code	<b>Magnetic</b> LS-20W-Dim-CV LS-60W-Dim-CV LS-150W-Dim-CV LS-300W-Dim-CV
Input	120V AC 60Hz
Output	12V DC
Wattage	<b>Magnetic:</b> 20/60/150/300W Max
Dimensions 20W	<b>Magnetic:</b> L5 <sup>19/32</sup> x W2.0 x H2 <sup>1/8</sup> "
Dimensions 60W	<b>Magnetic:</b> L6 <sup>9/16</sup> x W2 <sup>9/16</sup> x H2 <sup>1/4</sup> "
Dimensions 150W	<b>Magnetic:</b> L9 <sup>13/16</sup> x W3.0 x H3.0"
Dimensions 300W	<b>Magnetic:</b> L9 <sup>13/16</sup> x W4 <sup>3/16</sup> x H3 <sup>1/2</sup> "

Magnetic driver must use magnetic low voltage dimmer switch  
**Lutron dimmer available (LS-MLV-450W)**

Contact us for a list of other compatible dimmers

## Technical data

- Controlled with a low-voltage magnetic dimmer
- ETL & CSA listed
- UL standard 5085-1
- NEMA 3R enclosure
- Manual reset thermal circuit breaker on the secondary side

## Magnetic Dimming Information

- **Magnetic version:**
- Dimmable on high or low voltage side.

## 24V Dimmable Electronic LED Power Supply



Electronic



**96W**  
Class 2 rated



Product Code	LS-24V-96W-Dim-CVE
Input	120V AC 60Hz
Output	24V DC
Wattage	96W - Class 2
Dimensions	L15 x W3 x H2 <sup>1</sup> / <sub>4</sub> " L380 x W77 x H57mm

Contact us for list of other compatible dimmers

## Applications

Used with 24V DC Products:

- Cabinet Lighting
- Outdoor Lighting
- Flexible Strip Lighting
- Signage Lighting

## Technical data

- Magnetic version only controlled with a low-voltage magnetic dimmer switch
- ETL & CSA listed
- UL standard 5085-1
- NEMA 3R enclosure
- Manual reset thermal circuit breaker on the secondary side

## 24V LED Power Supply - Non dimmable 60W & 120W



Product Code	LS-24V-60W--CV LS-24V-120W-CV
Input	120V AC 60Hz
Output	24V DC
Wattage	60W - Class 2 (2.5A) 120W - (5A)
Dimensions 60W Dimensions 120W	L4 <sup>1</sup> / <sub>2</sub> x W2.0 x H1.0" L7 <sup>1</sup> / <sub>2</sub> x W3.0 x H3 <sup>1</sup> / <sub>2</sub> "
Output wire length	5' (1.5M)

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## 150W Landscape Power supply



Product Code	LS-150W-LPS
Input	120V AC
Output	12V AC
Wattage	150W
Dimensions	L $6\frac{57}{64}$ x 4.0 x 3 $\frac{15}{16}$ " L175 x W102 x H100mm

**Note:** Can be used with 12V DC products using our low voltage AC to DC converters  
See page: 81 For more info

### Features:

- **Built in Timer:** Selectable 2 - 8 hours or Auto function
- **Built in Photocell**
- North American plug
- Weatherproof IP67 rating

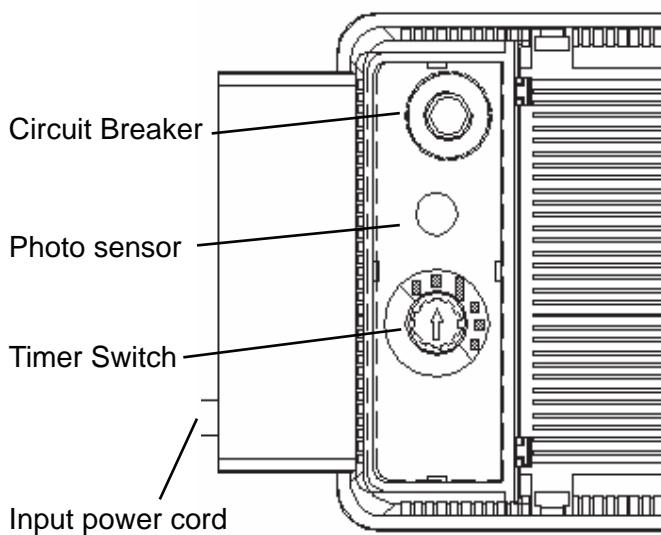
## Applications

Used with 12V AC Products:

- Outdoor Lighting
- Landscape Lighting
- Flexible Strip Lighting
- Deck & Step Lighting

## Technical data

- ETL Approved
- UL standard 5085-1
- NEMA 3R enclosure
- Manual reset thermal circuit breaker on the secondary side





4"

6"

**Super thin profile**  
1" Clearance



Product Code	LS-8.5W-RD-3K / LS-8.5W-RD-4K LS-14W-RD-3K / LS-14W-RD-4K
Voltage	12V DC (Constant Voltage)
Wattage	4" - 8.5W 6" - 14W
Install	Recessed
Housing	Aluminum
Degree	120°
Color Temperature	3000K Warm white 4000K Natural white
Lumen output	8.5W (410) 14W (755)
Dimmable	Yes

**IC Rated** - Certified for direct contact with insulation

## Applications

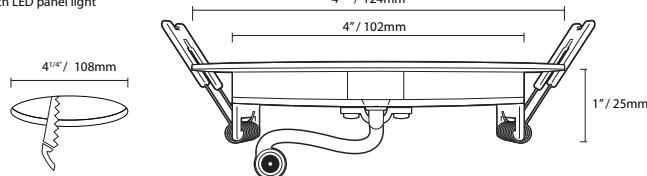
- Recessed lighting
- Office lighting
- Kitchen lighting
- Hallway lighting

## Features

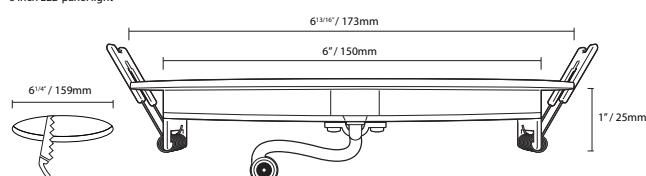
- Install directly into drywall
- Ideal for replacing recessed pot lights
- Low power consumption: 8.5W - 14W
- High brightness **LED** technology
- Thin IC rated - Easy to install with spring clips
- Excellent color temperature

**3 Year Warranty**

4 inch LED panel light



6 inch LED panel light



Pressure fit clips allow for quick installation

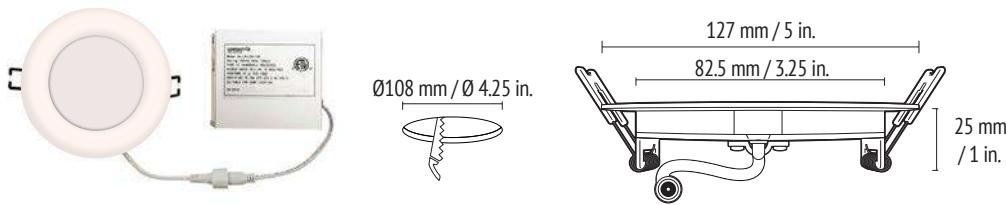
Product SKU	Outer dimensions	Recessed Hole Size
LS-8.5W-RD-XX	W4 <sup>7/8</sup> " x H 1" W124 x H25mm	4 <sup>1/4</sup> " / 108mm (Cutout)
LS-14W-RD-XX	W6 <sup>13/16</sup> " x H 1" W173 x H25mm	6 <sup>1/4</sup> " / 159mm (Cutout)

**Dimmable:** Must be used with our **LED Dimmable** power supply.  
(Sold separately - Stocked in 20W / 60W / 150W & 300W) p. 54



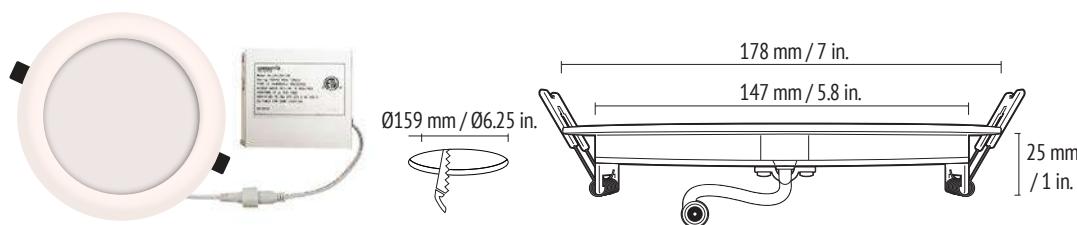
These Low Profile LED Ceiling lights each include their own dimmable LED power supply. Little clearance needed and does not require a Can to fit into, IC rated for direct to insulation, airtight. Just cut your hole, feed 120V, make connection to included box, snap light into hole with springs. Includes the LED Light source, a trim and in ceiling power supply, and no Can is required. **CSA. 3 Year Warranty.**

#### **Thin recessed Panel Lights (IC Rated, damp location, air tight)**



#### **4 inch Panel Light**

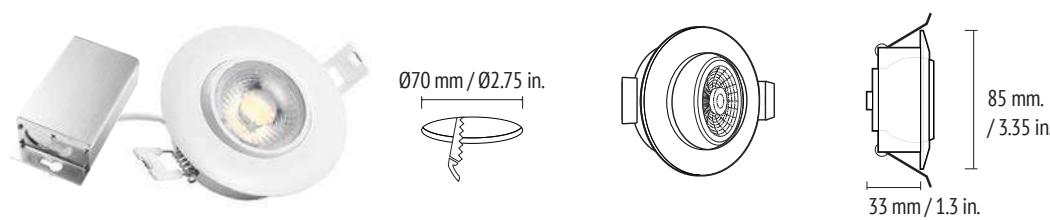
Code: LS-LD4-10W-3K (Warm White)  
Code: LS-LD4-10W-5K (White)  
Voltage: 120V, 10W  
660 Lumens, CRI >85  
3000K, 5000K  
White trim finish



#### **6 inch Panel Light**

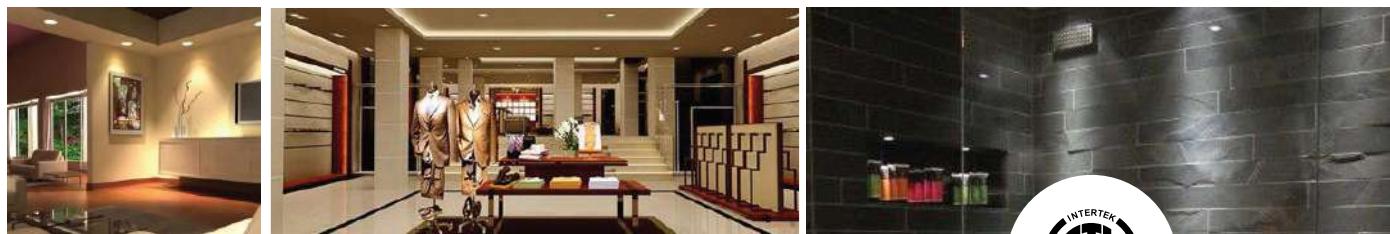
Code: LS-LD6-15W-3K (Warm White)  
Code: LS-LD6-15W-5K (White)  
Voltage: 120V, 15W  
1060 Lumens, CRI >85  
3000K, 5000K  
White trim finish

#### **LED Gimbal downlight (IC Rated, damp location)**



#### **3 inch Gimbal Light**

Code: LS-3GDL-3K  
Voltage: 120V AC, 8W  
IC Rated, Dimmable, 40°  
775 Lumens, CRI >85  
Warm White 3000K  
White trim finish



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MR16

GU10

**CREE LEDs :: +35,000 hour Lifespan**

Fully Dimmable

Damp location rated



Replaces: MR16 / GU10 50W Halogens

Product Code	LS-MR16-7W-XX LS-GU10-7W-XX
Voltage	12V AC/DC (MR16) <b>120V AC (GU10)</b>
Wattage	7W
Base	GU5.3 (MR16) <b>GU10</b>
# of LEDs	1 COB Power LED
Beam degree	36°
Color Temperature	2700K / 3000K Warm white 5000K White
Dimensions MR16 Dimensions GU10	Ø1 <sup>31/32</sup> " x L2 <sup>1/64</sup> " (Ø50 x L51mm) Ø1 <sup>31/32</sup> " x H2 <sup>11/32</sup> " (Ø50 x 55mm)
Lumen output	MR16 - 550 GU10 - 600
Dimmable	Yes
CRI	> 90

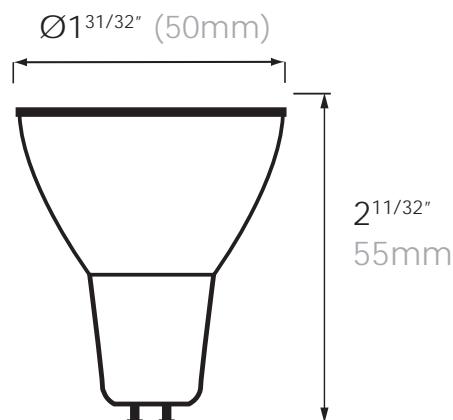
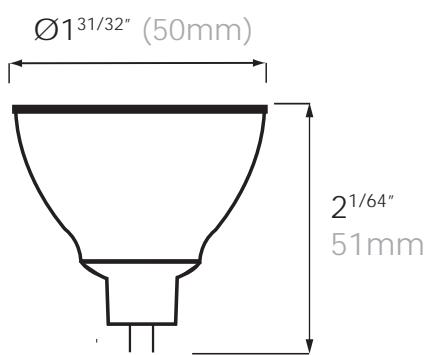
## Applications

- Track lighting
- Recessed lighting
- Downlighting
- Spot lighting

## Features

- Innovative COB lighting technology
- Rated lifespan +25,000 hours
- Cold forged aluminum heat sink
- Energy star rated
- Emits no UV - will not fade colors

3 Year Warranty



[lumenstarled.com](http://lumenstarled.com)

## LED Outdoor Floodlight



**Optional:** Inground Stake  
(LS-OUT-FL-S)



Product Code	LS-30W-OUT-FL-3K LS-30W-OUT-FL-6K LS-OUT-FL-S (Stake)	LS-30W-OUT-FL-3K LS-30W-OUT-FL-6K LS-OUT-FL-S (Stake)
Voltage	100 - 277V AC	100 - 277V AC
Wattage	30W	50W
# of LEDs	1 COB Chip	1 COB Chip
Beam degree	160°	160°
Color Temperature	3000K Warm white 6000K Cool white	3000K Warm white 6000K Cool white
Dimensions	L8 <sup>55/64</sup> x W7 <sup>9/32</sup> x H5 <sup>5/16</sup> " L225 x W185 x H135mm	L13 <sup>25/32</sup> x W7 <sup>7/8</sup> x H11 <sup>27/64</sup> " L350 x W200 x H290mm
Lumens	2850	4550

## Applications

- Wall Washer
- Sign lighting
- Garden lighting
- Accent lighting

## Features

- COB LED Technology
- Commercial grade build quality
- Black housing & Clear glass
- Super bright & long lasting
- Outdoor rated for extreme environments

3 Year Warranty

Product Code	LS-10W-OUT-FL-3K LS-10W-OUT-FL-6K LS-10W-OUT-FL-RGB
Voltage	12V DC
Wattage	10W
# of LEDs	1 COB Chip
Color Temp	Warm white 3000K Cool white 6000K RGB Includes IR remote
Dimensions	L4 <sup>17/32</sup> x W3 <sup>27/64</sup> x H3 <sup>3/16</sup> " L115 x W87 x H81mm
Lumens	3000K / 6000K - 800 RGB - 500



**Includes:** IR Remote control  
**Optional:** Inground Stake

[lumenstarled.com](http://lumenstarled.com)



**Includes:** Ground Stake



Product Code	LS-LL30-12-3W-3K
Voltage	12V AC/DC
Wattage	3W
Color temperature	3000K Warm white
Housing	Powder coated Stainless Steel
Beam degree	120°
Dimensions	H16 x W6 <sup>17/64"</sup> H406 x W159mm
IP Rating	65
Lumens	320
Wire length	42" (107cm)



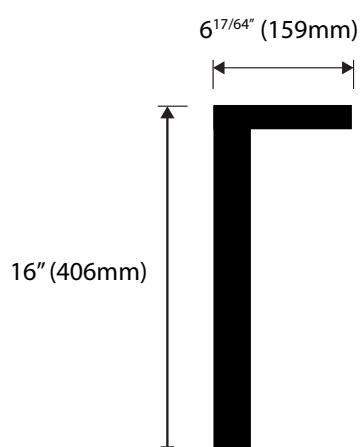
## Applications

Path Light  
Architectural  
Landscape  
Accent

## Features

- Simple installation
- Directly wire to 12V DC
- Powder coated Black finish
- Excellent color temperature
- Long lasting light engine

3 Year Warranty



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**G4 LED COB Light Included**



Product Code	LS-Path-ENG (Light engine) LS-Path-RBC (ribbed cap) LS-Path-SMC (Smooth cap)
Voltage	12V G4 Bulb included LS-G4-COB-3K (Warm white) LS-G4-COB-6K (Cool white)
Color	3000K Warm white 6000K Cool white
Housing	Aluminum
Height	22.5" (57cm)
Cap dimensions	SM - L3 <sup>1/2</sup> x W7 <sup>1/2</sup> " RB - L3 <sup>1/2</sup> x W7 <sup>1/2</sup> "
Wire length	26" (66cm)
Lumens: 2W G4	220

**Ground stake included**

## Applications

Path Light  
Architectural  
Landscape  
Accent

## Features

- Simple installation
- Directly wire to 12V AC/DC
- Powder coated Black finish
- Choice of Smooth or Ribbed Caps

**3 Year Warranty**

### ::: Choose Cap options :::



**Ribbed Style**  
SKU: LS-Path-RBC



**Smooth Style**  
SKU: LS-Path-SMC



**Ribbed**



**Smooth**

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Product Code	LS-GUL-12-6W-3K LS-GUL-12-6W-RGB
Voltage	12V AC/DC
Wattage	6W
# of LEDs	1 COB Chip
Beam degree	45°
Color Temperature	3000K Warm white RGB
Dimensions	H3 x 2" H75 x W50mm
Wire length	36" (91cm) RGB
Lumens	330

## Applications

Architectural  
Landscape  
Accent  
Signage

## Features

- Innovative solid state COB LED Technology
- Low power consumption
- Directly replaces halogen
- Low maintenance cost
- Simple to install

3 Year Warranty

Available in **Warm white** or **RGB** color changing option. Simple to install and operate with the use of our Low voltage LED power supplies.

Can bring ambiance to any landscape or garden application.

\*For use on **12V AC/DC systems only**

- **RGB** version uses 4 wire system



[lumenstarled.com](http://lumenstarled.com)

## 7W LED COB Uplight



Ground stake included



Product Code	LS-GUL-7W-27K LS-GUL-7W-3K LS-GUL-7W-5K
Voltage	12V AC/DC MR16 - Included
Color of Light	2700K / 3000K or 5000K
Lumens	475
CRI	>85
Base	Ground Stake included Can also thread to junction box plate
Housing	Die cast aluminum
Wire length	26" (66cm)
Dimensions	D2 <sup>3</sup> / <sub>8</sub> " x H6 <sup>3</sup> / <sub>4</sub> " D60 x H171mm



Outdoor rated LED MR16  
Light engine included

## Applications

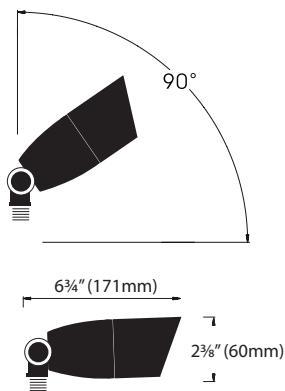
Landscape  
Garden Uplight  
Architectural  
Accent

## Features

- High Power LED Light engine - Fully replaceable
- Directly wire to 12V AC or DC
- Powder coated Black finish
- Choice MR16 LED color - 2700K / 3000K or 5000K
- Easy install ground Stake included

3 Year Warranty

Rotatable  
Light angle



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## 3W LED Inground light + Mix & match Trim options



Round

1 Way

2 Way

Square

Light engine code	LS-RD13-3W-3K
Trim Code	LS-RD13-RD-MC LS-RD13-1WY-MC LS-RD13-2WY-MC LS-RD13-SQ-MC
Voltage	12V DC
Wattage	3W
# of LEDs	1 x 3W Power LED
Housing	Stainless Steel
Color Temperature	Warm White 3000K Cool white 5000K
Hole Cutout size	Ø1 3/4" (45mm)
Lumens	275
Beam degree	45°
IP Rating	67 - Outdoor rated
Dimmable	Yes

\*Walk on & Drive on capable: Cars & small trucks

Note: All Trims stocked in Matte Chrome  
(special order for other colors- MOQ Required)

## Applications

Step light  
In-ground  
Deck light  
Landscape light

## Features

### Multiple Trim styles

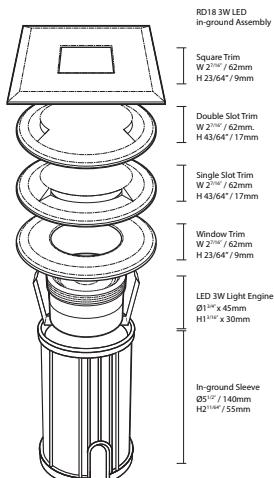
- Brushed Nickel color
- Round
- Square
- Walk on: 1 Way or 2 way

3 Year Warranty

### Installation

- Spring clips to allow simple pressure fit installation
- Fully sealed for outdoor use
- Includes inground housing. Can also be mounted using a 1.5" PVC coupler

## Dimensions



### Ordering code: Light engine

**Light Engine Code Example:** LS-RD13-3W-3K

Product	Wattage	Color Temp
LS-RD13	3W	3K

### Code Breakdown

LS-RD13	3W	3K = 3000K Warm white
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### Ordering code: Trim style

**Trim Code Example:** LS-RD13-1WY-MC

Product	Trim Style	Trim Color
LS-RD13	1WY	MC

### Code Breakdown

LS-RD12	RD = Round SQ = Square 1WY = 1 Way 2WY = 2 Way	MC = Matte Chrome **Special order only: **BK = Black **WT = White
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### 3W LED Inground Uplight



Walk & Drive on | Dimmable

Product Code	LS-IG-3W-3K
Voltage	12V DC
Wattage	3W
Cover & Housing	Stainless steel cover Aluminum housing
# of LEDs	1
Degree	45°
Color Temperature	3000K Warm white
Dimensions	W2-23/64" x H3-17/64" W60 x H83mm
Lumen output	310
Dimmable	Yes



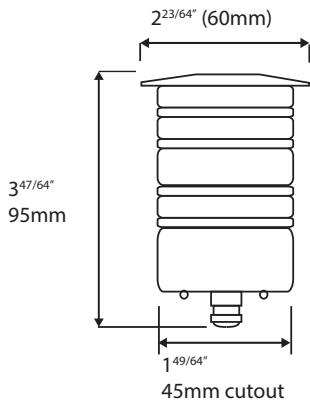
## Applications

Concrete light  
Deck light  
In floor light  
Landscape light

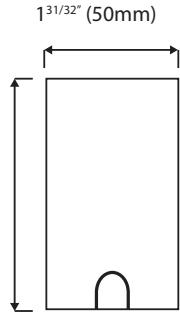
## Features

- Excellent for inground applications
- Low power consumption - 3W
- High brightness **LED Technology**
- Long lifespan +50,000 hours
- Quality materials

3 Year Warranty



3W LED Light Engine



Recessed Housing



## 7W LED COB Inground Uplight



Options	Light engine	Shade trim	Flat Trim
Product Code	LS-IG-UL	LS-IGUL-ST-27K LS-IGUL-ST-3K LS-IGUL-ST-5K	LS-IGUL-FT-27K LS-IGUL-FT-3K LS-IGUL-FT-5K
Voltage	12V AC/DC MR16 - Included		
Color of Light	2700K / 3000K or 5000K		
Lumens	475		
CRI	>90		
Trim material	Die cast brass powder coated black		
Dimensions	D4" x H5 <sup>3/8</sup> " D102 x 137mm		
Hole cutout	3 <sup>5/8</sup> " (92mm)		
Wire length	20" (51cm)		



Outdoor rated LED MR16  
Light engine included

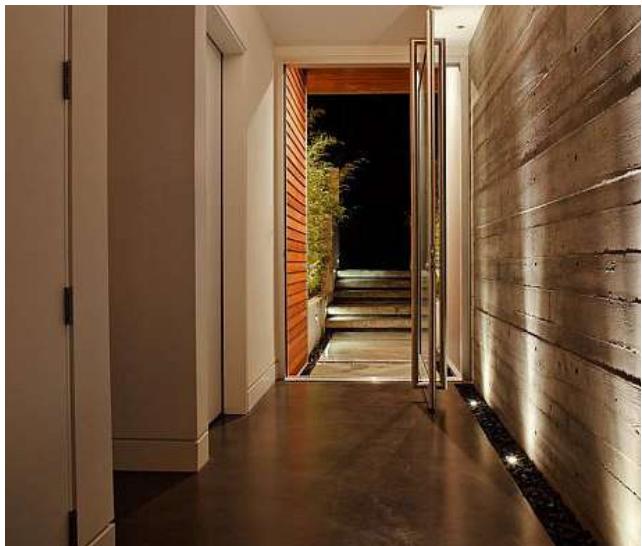
## Applications

Landscape  
Garden Uplight  
Architectural  
Accent

## Features

- High Power LED Light engine - Fully replaceable
- Directly wire to 12V AC or DC
- Powder coated Black finish
- Choice MR16 LED color - 2700K / 3000K or 5000K
- Easy install - Inground rough in housing included

3 Year Warranty



[lumenstarled.com](http://lumenstarled.com)



**Stainless Steel Housing**



Back View

**Dimmable** using our outdoor rated low voltage **dimmable power supplies**

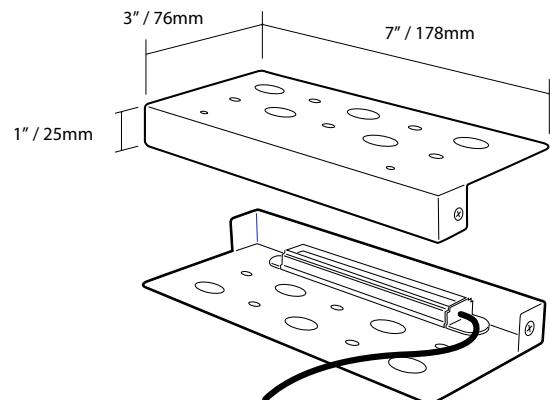
## Applications

Hardscape  
Landscape  
Retaining wall  
Path

## Features

- Simple installation
- Directly wire to 12V AC/DC
- Durable - Outdoor rated
- Long lasting light engine
- Low power - 2W

3 Year Warranty



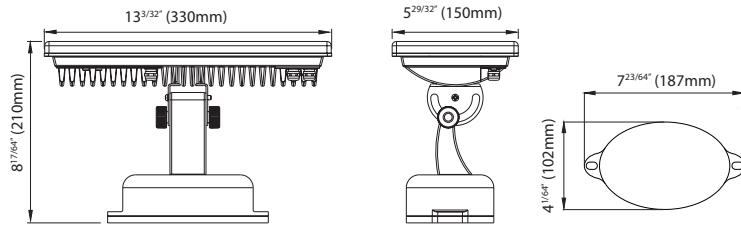
LED Hardscape Lighting

## RGB LED Color Blaster Indoor/Outdoor



Can be operated one of 3 ways:

- Onboard control (Standalone)
- DMX mode
- Daisy Chain (10 units)



Product Code	LS-RGB-CB
Voltage	100 - 256V AC
Wattage	40W
# of LEDs	36 High Power RGB LEDs
Color Temperature	RGB (12R / 12G / 12B) (WW + WH option)
Beam spread	45°
Dimensions	L13 <sup>3</sup> / <sub>32</sub> x W5 <sup>29</sup> / <sub>32</sub> x H8 <sup>17</sup> / <sub>32</sub> L330 x W150 x H210mm
Lumen output	2200
Plug / Connector length	<b>120V Lead: 56" (142cm)</b> <b>DMX output cable connector: 20" (51cm)</b>
Max daisy chain using master & slave setup	10 units
Rotation of base	150°

Each light has DMX Outdoor rated cable input & output + 120V wire lead

## Applications

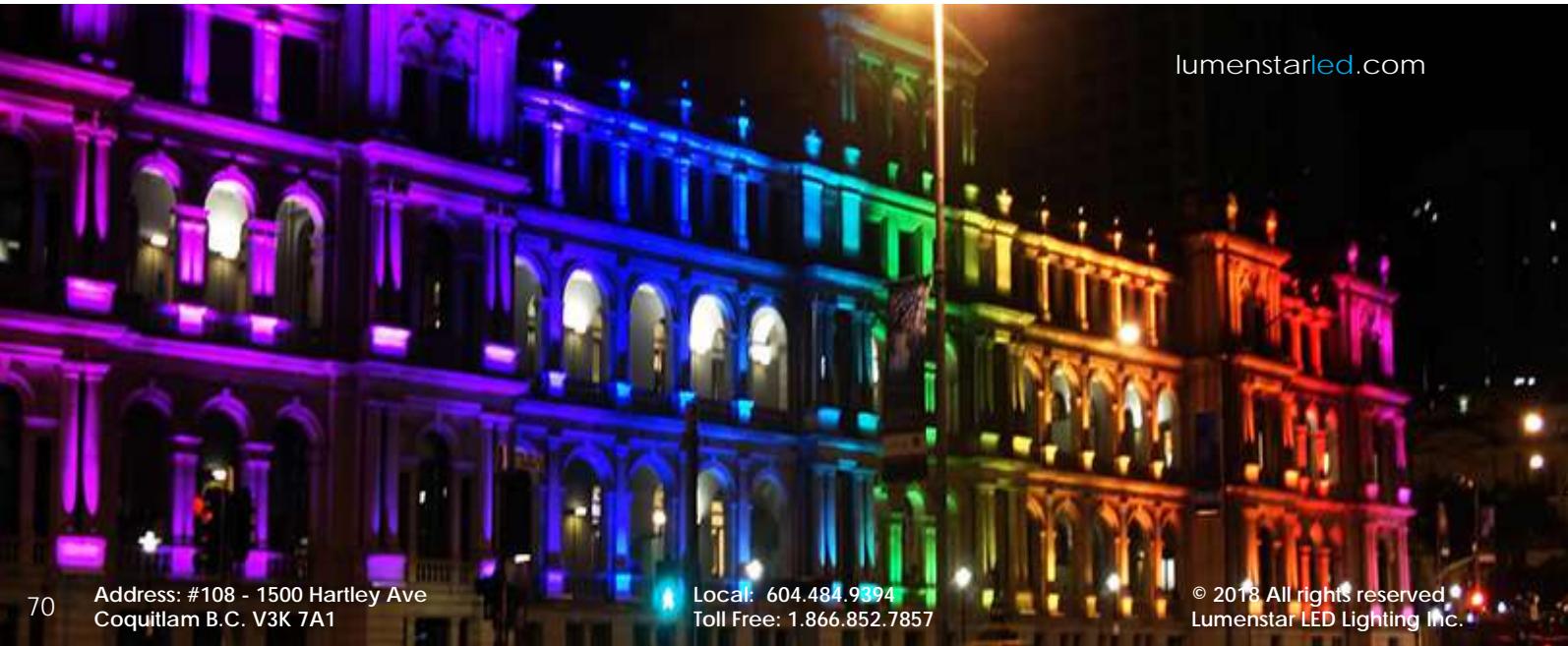
- Architectural lighting
- Stage lighting
- Landscape lighting
- Accent lighting

## Features

- Super bright RGB LED Color Blaster
- Xbrite LED Technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

3 Year Warranty

[lumenstarled.com](http://lumenstarled.com)

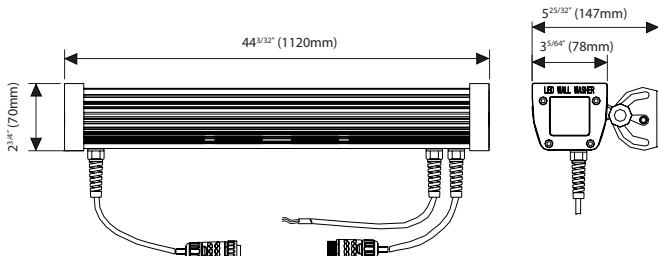


## RGB LED Wall Washer - Indoor/Outdoor



Can be operated one of 3 ways:

- Onboard control (Standalone)
- DMX mode
- Daisy Chain (10 units)



Product Code	LS-WW-RGB-44
Voltage	120V AC
Wattage	40W
# of LEDs	36
Color Temperature	RGB
Beam spread	45°
Dimensions	L44 <sup>3/32"</sup> x W3 <sup>5/64"</sup> x H2 <sup>3/4"</sup> L1120 x W78 x H70mm
Lumen output	1700 (RGB)
Plug / Connector length	Wire lead: 55" (140cm) Connector: 16" (41cm)
Max daisy chain using master & slave setup	10 units
Power cord length	56"

Each light has DMX Outdoor rated cable input & output + 120V wire lead

## Applications

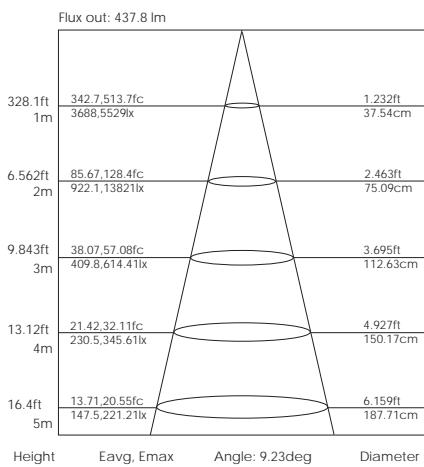
- Architectural lighting
- Stage lighting
- Landscape lighting
- Accent lighting

## Features

- Super bright RGB LED Wall Washer
- Xbrite LED Technology
- Modern contemporary design
- Simple to install
- +50,000 hour lifespan

3 Year Warranty

### Illumination over distance



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.

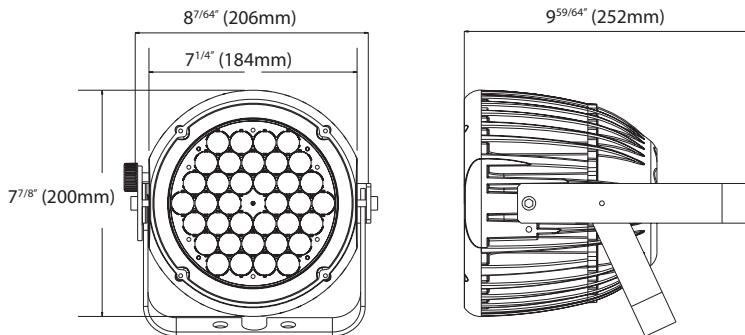
[lumenstarled.com](http://lumenstarled.com)

## LED PAR64 **RGB** Spotlight Indoor/Outdoor



Can be operated in one of 3 ways:

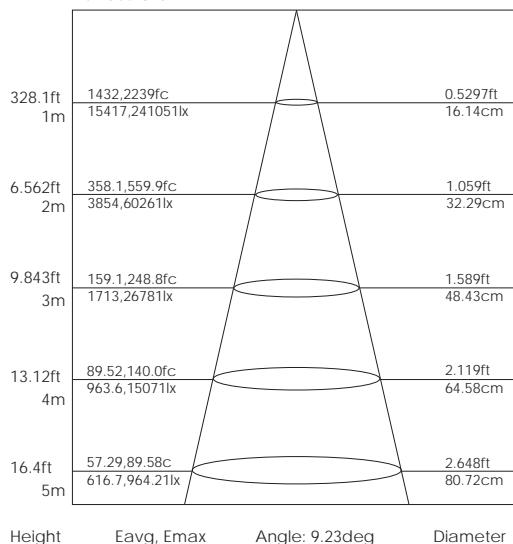
- Internal (Standalone)
- DMX mode
- Daisy Chain (10 units)



Product Code	LS-RGB-PAR64
Voltage	100 -240V AC
Wattage	40W
# of LEDs	36
Color Temperature	RGB or White
Beam spread	30°
Dimensions	W8 <sup>7/64</sup> " x D9 <sup>59/64</sup> " W 206 x D252mm
Lumen output	2200
Plug / Connector length	Wire lead: 56" (142cm) DMX Connector: 20" (51cm)
Max daisy chain	10 units

### Illumination over distance

Flux out: 370.7lm



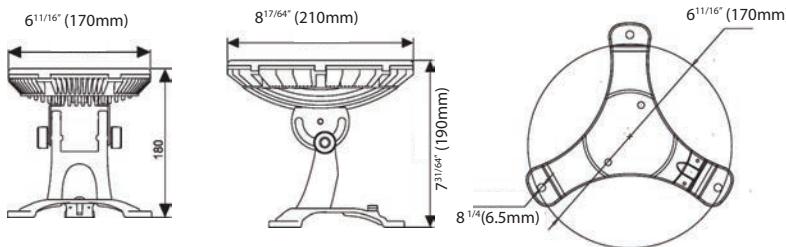
Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.



## RGB Underwater LED

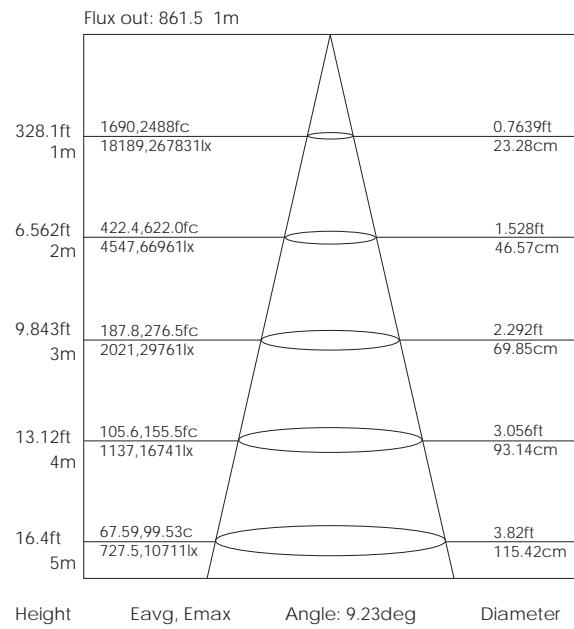


**Not for use in chlorine or salty environments**



Product Code	LS-RGB-UW-SPOT
Voltage	24V DC
Wattage	45W
# of LEDs	36 x 1W
Color Temperature	RGB / White / Warm white
Beam spread	20° / 30° / 40°
Wire lead length	16.5' (5M)
Dimensions	L8.27" x H 7.5" L210 x H190
Lumen output	1950

### Illumination over distance



**Note:** The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.



## Waterproof Spotlight



Product Code	LS-UW-27K LS-UW-3K LS-UW-5K
Voltage	12V AC/DC
Wattage	7W (MR16 LED bulb)
Color Temperature	Warm white 2700K or 3000K White 5000K
Beam spread	40°
Lumens	575
Wire lead length	5M (16.5')
Dimensions	D3 <sup>7</sup> / <sub>8</sub> " x H5 <sup>3</sup> / <sub>4</sub> " D100 x 146mm
Working Temperature	-20°C +40°C
Fixture Material	Stainless Steel housing Tempered convex glass

## Features

- Stainless Steel housing
- **IP68 Protection** rating
- Multiple light color options
- Replaceable LED light source
- 5M (16.4') long wire lead

## Benefits

- Safe low voltage operation
- Anti-corrosion fixture
- Tempered glass
- High lumen output
- Simple to install



## Chandelier LED Filament



**3.5W | 365 Lumens | Dimmable**

Warm white - 2700K

Product SKU	LS-E12-3.5W-27K
Voltage	110 -130V AC
Wattage	3.5W
Base	E12
Color	Warm white 2700K
Lumens	365
Halogen equivalent	40W
Dimensions	L <sup>25/32"</sup> x L <sup>17/64"</sup> L96mm x D32mm

## Vintage LED Filament Bulb



**5W | 525 Lumens | Dimmable**

Warm white - 2200K

Product SKU	LS-E26-FIL
Voltage	110 -130V AC
Wattage	5W
Base	E26
Color	Warm white 2200K
Lumens	525
Incandescent equivalent	60W
Dimensions	L <sup>5 1/2"</sup> x L <sup>1 1/2"</sup> L140mm x D64mm

## G9 LED Bulb



**4W | 410 Lumens | Dimmable**

Product SKU	LS-G9-4W-3K LS-G9-4W-4K LS-G9-4W-6K
Voltage	100 -240V AC
Wattage	4W
Base	G9
Colors	3000K / 4000K / 6000K
Lumens	410
Length	L <sup>7/32"</sup> x 5/8" L31mm x 16mm

[lumenstarled.com](http://lumenstarled.com)



### Suspended (4ft. beginning lead with plug, 2ft. socket spacing)



**50 ft.**  
**Suspended**  
LS-S-24-50'  
120V AC, MAX 600W  
24 x E26 medium base sockets  
50' lengths can be plugged together

**100 ft.**  
**Suspended**  
LS-S-48-100'  
120V AC  
48 x E26 medium base sockets  
Max Wattage: 1200W

### Non-Suspended (4ft. beginning lead with plug, 2ft. socket spacing)



**50 ft.**  
**Non-Suspended**  
LS-NS-24-50'  
120V AC, MAX 600W  
24 x E26 medium base sockets  
50' lengths can be plugged together

**100 ft.**  
**Non-Suspended**  
LS-NS-48-100'  
120V AC  
48 x E26 medium base sockets  
Max Wattage: 1200W

### E26 Medium Base Decorative LED Bulbs



**S14 - Frost**  
LS-E26-S14-FST  
120V AC, 1.4W, E26 medium  
Ø45 x H63mm  
Ø1.75 x H3.50 in.



**S14 - Clear**  
LS-E26-S14-CLR  
120V AC, 1.4W, E26 medium  
Ø45 x H63mm  
Ø1.75 x H3.50 in.



**S14 - Dimmable Filament**  
LS-E26-S14-FIL  
120V AC, 2W, E26 medium  
Ø45 x H63mm  
Ø1.75 x H3.50 in.



**S11 - Frost**  
LS-E26-S11-CLR-XX  
120V AC, 1W, E26 medium  
Ø40 x H61mm  
Ø1.57 x H2.40 in.



**S11 - Clear**  
LS-E26-S11-CLR-XX  
120V AC, 1W, E26 medium  
Ø40 x H61mm  
Ø1.57 x H2.40 in.



**Aircraft Cable**  
Order by the foot



[lumenstarled.com](http://lumenstarled.com)

## Decorative marquee & Festival LED bulbs



Code	Voltage	Wattage	Base	Globe size	Color
LS-E26-S14-FRST-XX	120V AC	1.4W	E26 medium	Ø1 3/4" x H2 1/2" Ø45 x H63mm	XX= 27K
LS-E26-S14-CLR-XX	120V AC	2W	E26 medium	Ø1 3/4" x H2 1/2" Ø45 x H63mm	XX= 27K
LS-E26-S14-FIL-XX	120V AC	2W	E26 medium	Ø1 3/4" x H2 1/2" Ø45 x H63mm	XX= 27K



Code	Voltage	Wattage	Base	Globe size	Color
LS-E26-S11-CLR-XX	120V AC	1W	E26 medium	Ø40 x H61mm Ø1 37/64" x H2 13/32"	XX= WW / WH
LS-E26-S11-FRST-XX	120V AC	1W	E26 medium	Ø40 x H61mm Ø1 37/64" x H2 13/32"	XX= WW / WH
LS-E12-S11-CLR-XX	120V AC	1W	E12 Intermediate	Ø40 x H61mm Ø1 37/64" x H2 13/32"	XX= WW / WH
LS-E12-S11-FRST-XX	120V AC	1W	E12 Intermediate	Ø40 x H61mm Ø1 37/64" x H2 13/32"	XX= WW / WH



Code	Voltage	Wattage	Base	Globe size	Color
LS-E12-G8-CLR-XX	120V AC	1W	E12 Candelabra	Ø26 x H43mm Ø1.0 x H1 11/16"	XX= WW / WH
LS-E12-G8-FRST-XX	120V AC	1W	E12 Candelabra	Ø26 x H43mm Ø1.0 x H1 11/16"	XX= WW / WH
LS-E12-S6-XX	120V AC	1W	E12 Candelabra	Ø26 x H43mm Ø1.0 x H1 11/16"	XX= WW / WH



## Signage Sockets

Code	Voltage	Max-Watts	Base	Cutout size	Material
LS-E26-SKT	120V AC	660W	E26 Medium	Ø35mm Ø1 3/8"	PC
LS-E26-SKT-C	120V AC	660W	E26 Medium	Ø30mm Ø1 1/4"	Porcelain
LS-E12-SKT	120V AC	75W	E12 Candelabra	Contact us	PC

Custom options available - Contact us for details

[lumenstarled.com](http://lumenstarled.com)

## A19 LED Bulb

10-30V DC



**+60W**  
Replacement

**Only 9W** Power  
Consumed



- 10 - 30V DC
- E26 Medium base
- Bright & Efficient
- Directly wire to low voltage systems

Product Code	LS-LVA19-9W-3K
Voltage	10 - 30V DC
Wattage	9W
Base	E26
Housing	Thermal Resistant PC
Color Temperature	3000K Warm white
Dimensions	$\varnothing 2\frac{9}{16}'' \times 4\frac{49}{64}''$ $\varnothing 65 \times 121\text{mm}$
Lumen output	810
Light spread	360°
Replaces	60W Incandescent

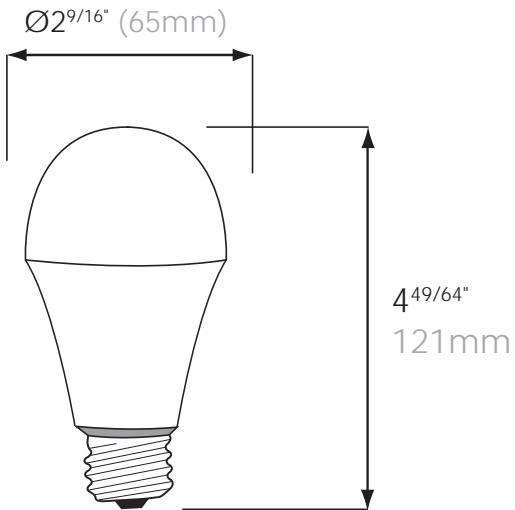
## Applications

10-30V Applications  
Lamp lighting  
Outdoor fixtures  
Solar Systems

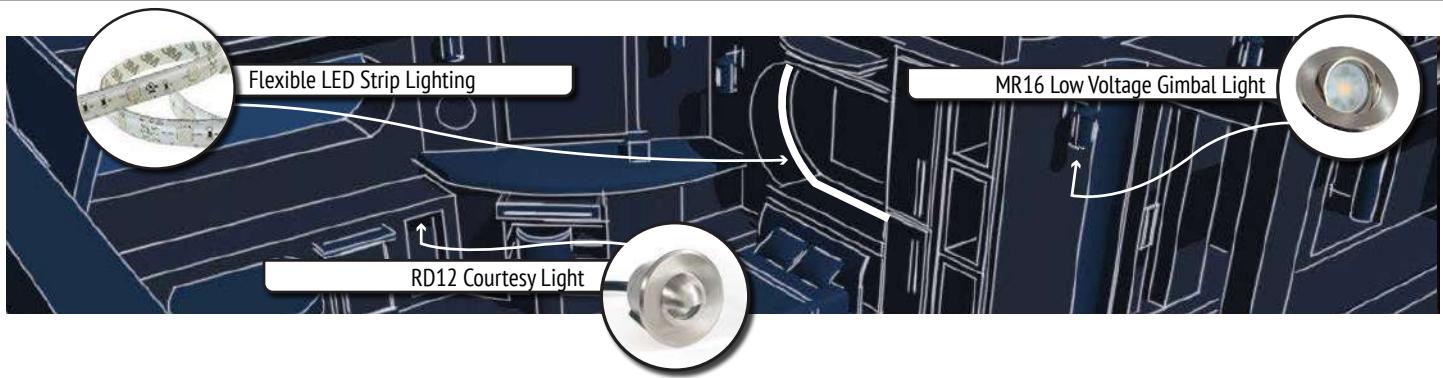
## Features

- Unique design creates even illumination
- Simple to install - Direct replacement
- E26 medium screw base
- High brightness using only 9W power

3 Year Warranty



[lumenstarled.com](http://lumenstarled.com)



## G4 (Bi pin 4mm)



**Code: LS-G4-9**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 110 | 1.5W  
Size: W35mm x H9mm



**Code: LS-G4-18**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 180 | 3W  
Size: Ø18mm x L39mm



**Code: LS-G4-COB**  
Color: WW 3000K  
Voltage: 12V AC/DC  
Lumens: 210 | 1.5W  
Size: W10mm x L39mm

## Bayonet (Ba15s, Ba15d)



**Code: LS-BA15S**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 180 | 3W  
Size: Ø18mm x L45mm



**Code: LS-BA15D**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 180 | 3W  
Size: Ø18mm x L45mm



**Code: LS-1383-BA15S**  
Color: WW 3000K  
Voltage: 12V AC/DC  
Lumens: 225 | 2.5W  
Size: Ø37mm x 65mm

## T10 (Wedge)



**Code: LS-T10-9**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 110 | 1.5W  
Size: Ø30mm x 9mm



**Code: LS-T10-18**  
Color: WW 3000K, CW 6000K  
Voltage: 10 - 30V DC  
Lumens: 180 | 3W  
Size: Ø18mm x L48mm

## E26



**Code: LS-LVA19-9W-3K**  
Color: WW 3000K  
Voltage: 10 - 30V DC  
Lumens: 810 | 9W  
Size: Ø60 x 121mm

## MR11



**Code: LS-MR11-9**  
Color: WW 3000K, CW 6000K  
Voltage: 10-30V DC  
Lumens: 110 | 1.5W  
Size: Ø35mm x 24mm

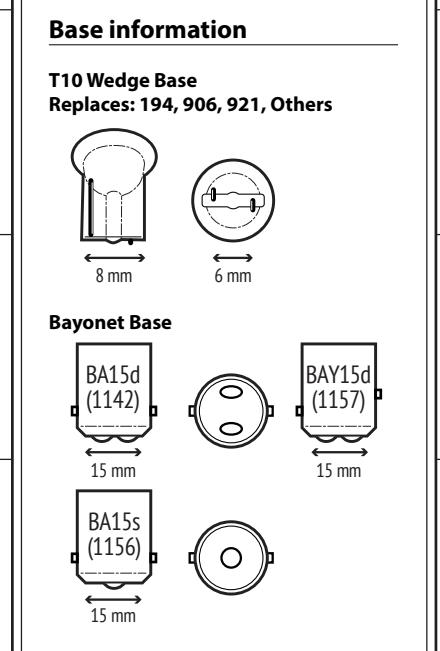
## Electrical Accessories



**24V DC - 12DC Converter**  
Code: LS-CONV-24DC-12DC-36W  
Input: 15-40V DC  
Output: 12V DC, 3 AMPS (Max 36W)  
Size: 2.5" x 1.25" x 0.75"



**G4 MR16 Socket**  
Low Voltage Bulbs  
Code: G4-MR16-SOCKET  
Socket with 8 in. lead



## 12V AC - DC Converter



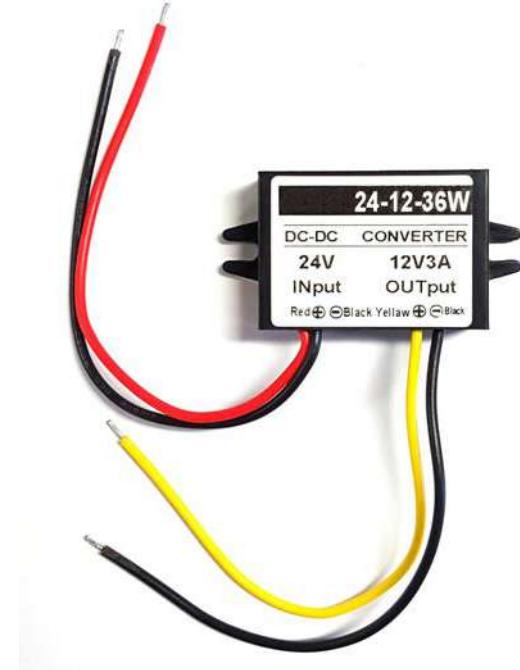
Product Code	LS-CONV-12AC-12DC-36W
Input Voltage	10-28V AC or 15-40V DC
Output Voltage	12V DC, 3 AMPS
Wattage	36W Max Load
Dimensions	L2 <sup>1</sup> / <sub>2</sub> "x W1 <sup>1</sup> / <sub>4</sub> " x H3/4" L63.5 x W32 x H19mm
Wire Leads	5" (127mm) Length
IP Rating	65

**Notes:** 12V AC-DC Buck Converter

**Applications:** Switching 12V AC, common for outdoor lighting to a 12V DC Output

## 24V DC - 12DC Converter

Product SKU	LS-CONV-24DC-12DC-36W
Input Voltage	15-40V DC
Output Voltage	12V DC, 3 AMPS
Wattage	36W Max Load
Dimensions	L2 <sup>1</sup> / <sub>2</sub> "x W1 <sup>1</sup> / <sub>4</sub> " x H3/4" L63.5 x W32 x H19mm
Wire Leads	5" (127mm) Length
IP Rating	65



**Notes:** 12V AC-DC Buck Converter

**Applications:** Switching 24V or 32V DC Batteries common on Yachts and Off Grid homes to a 12V DC Output

Lumenstar has over 10 Years experience in custom lighting and can help you with your specific lighting set. We have access to many different types of accessories including some below in stock. If you don't see what you're looking for, please let us know and we will do our best to help you find it.

Coaxial Barrel connectors



Waterproof junction box



Junction block for custom lighting



Low voltage switch for custom lighting



Snap connectors



Timed Motion sensor



Mini screw motion PIR sensor



Mini motion close proximity sensor



Block connectors



Indoor wire



Outdoor wire



Custom coaxial Splitter



Outdoor rated wire nuts



3M tape - 50M roll



MR16 / MR11 / G4 base



AC to DC Converter

