

POWERLUX 2W, 3W & 4W DECK & STEP LIGHT



Available in three finishes, this low voltage LED puck light provides high light output, making it ideal for step and deck applications.

Features

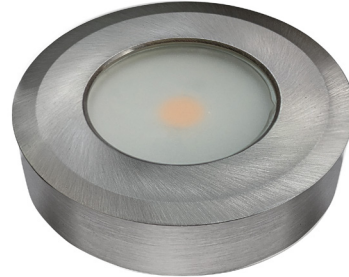
- For indoor & outdoor use
- Recess or surface mount installation
- Reduce cost of inventory, parts can be stocked individually
- Single COB LED light engine
- Excellent light output

Applications

Step | Deck | Landscape | Post-lighting

Installation

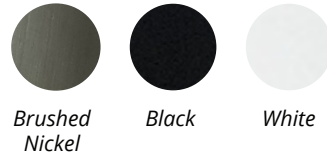
Surface mount or recess installation, Ø2^{1/4}" (57mm) cutout



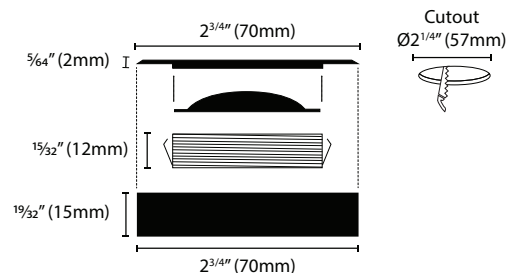
Voltage	12V DC / 24V DC*	12V DC	12V DC
Wattage	2W	3W	4W
Lumens	200	250	320
Color Temp	3000K	Dim to Warm (3000K dims to 1800K)	2700K / 3000K / 4000K / RGBW (5 wire) /
# of LEDs	1 COB LED		
CRI	>90		
Lifespan	+50,000 hours		
Beam Angle	120°		
Working Temp	-20~+45°C (-4~113°F)		
IP	65		
Wire Length	24" (60cm)		
Warranty	3-year		

* 24V DC only available in 2W (LS-RD10-2W-24V-3K)

Finishes Available



Dimensions






Light Engine Ordering Code

Light engine and trims and surface mounts sold separately. Please note that each part requires an ordering code.

	Product	Wattage	Color Temp
2W RD10	LS - <input type="text" value="RD10"/>	- <input type="text" value="2W"/> 2W : 2 watts	- <input type="text" value="3K"/> 3K : 3000K
3W RD10	LS - <input type="text" value="RD10"/>	- <input type="text" value="3W"/> 3W : 3 watts	- <input type="text" value="DTW"/> DTW : 3000K to 1800K
4W RD10	LS - <input type="text" value="RD10"/>	- <input type="text" value="4W"/> 4W : 4 watts	- <input type="text" value="27K 3K 4K"/> 27K : 2700K RGBW : Multi-color + 3000K 3K : 3000K 4K : 4000K

Trims








Light engine and trims and surface mounts sold separately. Please note that each part requires an ordering code.

Product	Code	Finish	Description
	LS-RD10-TR-BN	Brushed Nickel	Recessed trim, Ø2 ^{3/4} x H5/64" (Ø70 x H2mm)
	LS-RD10-TR-BK	Black	Recessed trim, Ø2 ^{3/4} x H5/64" (Ø70 x H2mm)
	LS-RD10-TR-WT	White	Recessed trim, Ø2 ^{3/4} x H5/64" (Ø70 x H2mm)





Optional Trims

Product	Code	Finish	Description
	LS-RD10-SC-BN	Brushed Nickel	Scoop piece
	LS-RD10-SC-BK	Black	Scoop piece
	LS-RD10-SC-WT	White	Scoop piece
	LS-RD10-SM-BN	Brushed Nickel	Surface Mount, Ø2 ^{3/4} x H19/32" (Ø70 x H15mm)
	LS-RD10-SM-BK	Black	Surface Mount, Ø2 ^{3/4} x H19/32" (Ø70 x H15mm)
	LS-RD10-SM-WT	White	Surface Mount, Ø2 ^{3/4} x H19/32" (Ø70 x H15mm)




Power Supplies

Image	Code	Voltage	Output Power	Class II	Dimmable Specs
Non-Dimmable					
	LS-12V-15W-CV	12V	Max. 15W	✓	N/A
	LS-12V-30W-CV	12V	Max. 30W	✓	N/A
	LS-12V-30W-O-CV	12V	Max. 30W	✓	N/A
	LS-12V-60W-O-CV	12V	Max. 60W	✓	N/A
Dimmable					
	LS-12V-24D-CV	12V	Max. 24W	✓	Triac Dimming
	LS-12V-48D-CV		Max. 48W	✓	
	LS-12V-60D-CV		Max. 60W	✓	
	LS-12V-30D-MLT-CV	12V	Max. 30W	✓	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming
	LS-12V-60D-MLT-CV	12V	Max. 60W	✓	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming

Accessories

Image	Product	Code	Description
	Mini RF Wall Mount Dimmer Remote	LS-WM-DIM-R	Single Color RF Wireless remote with surface, magnet, and recessed mount options. Battery operated, on/off & dimming, requires receiver (LS-WM-DIM-REC) to operate - Multiple remotes can pair to one receiver. Includes magnetic housing.
	Wall Mount Receiver	LS-WM-DIM-RCV	12-36V DC, 1x8A/Channel, output power 12V: 96W, 24V: 192W Surface mountable, hardwire, controls dimmer over 60' away NOTE: Up to 8 remotes can be paired with a single receiver. Unlimited receivers can be paired to 1 remote.
	Dimmer	LS-WD-WT	Dims 10-100% (fades up and down smoothly), 120V AC, 60Hz, Single Pole, 150W output power, Fits standard single gang junction box.
 INCLUDES	Automatic Step light control	LS-STCTRL28	Controls up to 28 step lights with smooth on/off, step sequencing, and more. Adjust mode, brightness, delay time, and speed.

More Accessories

Image	Product	Code	Description
	100' Outdoor Wire	LS-OW-16-2-100	Outdoor wire for led lights. 16-2 AWG
	100' Outdoor RGBW Wire	LS-RGBW-OW-16-5	100' (30.5M) RGBW Outdoor wire for RGB and RGBW led lights. 16-5 AWG
	Outdoor Rated Marettes	LS-GEL-MAR	Outdoor rated, gel filled marettes ensure secure electrical connections in outdoor and wet conditions. Pack of 2.

RGBW Controllers & Receivers

Image	Product	Code	Description	Functions	Dimensions
	RGBW Handheld Remote	LS-RGBW-MZR	Controls RGBW LED Lights, 868 Mhz	Mult-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors	L4 ^{3/4} x W2 ^{3/16} x H1 ^{1/16} " (L120 xW55 x H17mm)
	RGBW Wall Mount Remote	LS-RGB-MZWMR	Controls RGB or RGBW LED Lights, 12-24V DC Input, 2.5-5W, 868 MHz Fits single gang box. Includes 6W driver, 50ft wireless range.	3 Presets, Dimming, Fade/Flash, Custom colors, includes 10 pre-loaded programs	L4 ^{3/4} x W2 ^{15/16} x H1 ^{1/8} " (L120 xW75 x H29mm)
	Tuya Control	LS-RCV-SMZ8A-TY	Receiver for RF remotes (RGB / RGBW / CCT / SC) Wifi Capable with free control app	12-24V / 36V / 48V 5 x 8A/Ch / 5 x 6A/Ch / 5 x 4A/Ch 5x96W / 5x192W / 5x216W 15M (50') Remote Range	L6-11/16 x W2-5/16 x 1-1/8" (L170 x W59 x H29mm)
	Indoor MZ LED Receiver	LS-RCV-MZ8A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable.	12-36V DC 4 x 8A/Channel 4x(96-388W) Output Power 15M (50') Remote Range	L6 ^{5/8} x W2 ^{5/16} x H1 ^{1/8} " (L168 xW58 x H28mm)
	Outdoor MZ LED Receiver	LS-RCV-O-MZ5A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable. Outdoor rated for harsh environments	12-36V DC 4 x 5A/Channel 4x(60-180W) Output Power 15M (50') Remote Range	L7 ^{1/8} x W2 ^{15/16} x H1 ^{1/2} " (L180.5 xW74x H38mm)
	Casambi 4 Channel PWM Controller	LS-CBU-PWM4	Control up to 250 fixtures with intelligent mesh network and customizable user interface. Multiple networks can be set up with same control system	12-24V DC 48W - 96W 4A Output Power Surface Mountable Includes Downloadable Smart Device App	L2-7/8 x W1-3/16 x H1 ^{1/16} " (L72.6 x W30 x H18mm)
	Digital DMX512 Decoder	LS-DMX-DIG-DCR	Converts DMX signal for use with low voltage RGB & RGBW LED lights.	Total 5 PWM output channels, common anode. DMX channel quantity from 1CH-5CH settable.	L6 ^{7/16} x W2 ^{7/8} x H1 ^{1/2} " (L164 xW73 x H38mm)