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Why Lunasea Replacement Bulbs?

- Best selection of any brand.
- Tested for low RFI interference, no noise on radios
- Most 10 -30 VDC, not effected by voltage fluctuations that cause others to fail prematurely
- Supported 2 year warranties
- Bulk packaging available

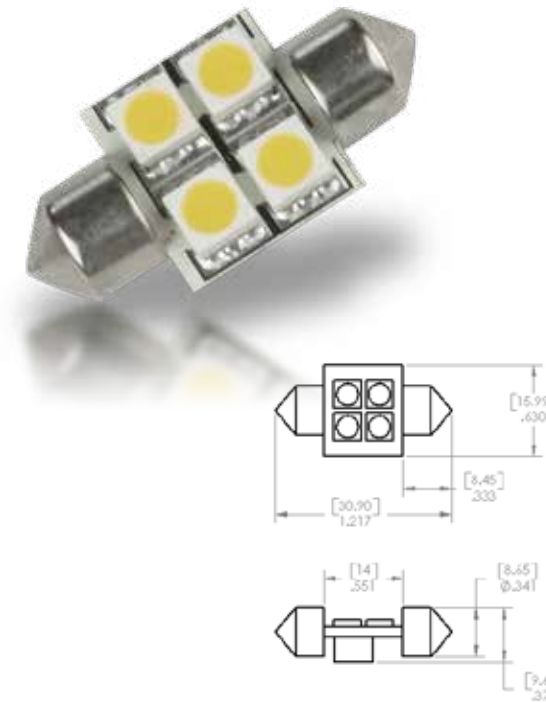


Single-Sided 4 LED Festoon

High Powered 120 Degree Viewing Angle

This High Power 4-LED Festoon bulb has a built in Buck Regulator making it the most robust light on the market today.

- Available in 31mm (1.2 inch long)
- Wide 120 Degree Viewing Angle
- 72 lumen, 0.7 Watt
- Up to 50,000 Hours
- 10 - 30V DC



Lighting Color Options:

- Cool White
- Warm White
- Red
- Green

Part Numbers:

- 31mm Series**
- LLB-202C-21-00 (Cool White, 4 LED, 0.7 Watt, 72 Lumen)
 - LLB-202W-21-00 (Warm White, 4 LED, 0.7 Watt, 60 Lumen)
 - LLB-202R-21-00 (Red, 4 LED, 0.7 Watt)
 - LLB-202G-21-00 (Green, 4 LED, 0.7 Watt)

Single-Sided 6 LED Festoon

Low Cost 120 Degree Viewing Angle

This High Power 6-LED Festoon bulb has a built in Buck Regulator making it the most robust light on the market today. Available in multiple lighting colors with red being a great choice for navigation stations or general nighttime boating.

- Available in 37mm (1.46 in) and 42mm (1.65 in)
- Wide 120 Degree Viewing Angle
- Super Bright
- Up to 50,000 Hours
- 10 - 30V DC
- Equivalent to 10 Watt incandescent



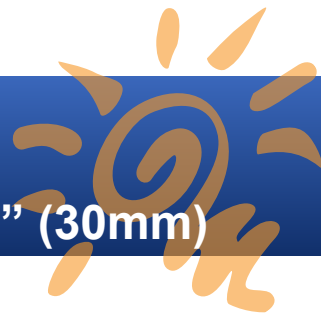
Lighting Color Options:

- Cool White
- Warm White
- Red

Part Numbers:

- 37mm Series**
- LLB-196C-21-00 (Cool White, 6 LED, 1.5 Watt, 107 Lumen)
 - LLB-196W-21-00 (Warm White, 6 LED, 1.5 Watt, 97 Lumen)
 - LLB-196R-21-00 (Red, 6 LED, 1.2 Watt, 35 Lumen)
- 42mm Series**
- LLB-186C-21-00 (Cool White, 6 LED, 1.5 Watt, 107 Lumen)
 - LLB-186W-21-00 (Warm White, 6 LED, 1.5 Watt, 97 Lumen)
 - LLB-186R-21-00 (Red, 6 LED, 1.2 Watt, 35 Lumen)





Four-Sided 12 LED Festoon

Compact Complete 360 Degree Spread

This High Power 360 degree Festoon bulb has a built in Buck Regulator and 360 degree light output in all directions. Available in multiple colors with red being a great choice for navigation stations or general nighttime boating.

- Available in 37mm (1.46") and 42mm (1.65")
- Complete 360 Degree Viewing Angle
- Super Bright
- Up to 50,000 Hours
- 10 - 30V DC
- Equivalent to 10 Watt incandescent



Lighting Color Options:

- Cool White
- Warm White
- Red

Part Numbers:

37mm

- LLB-19LC-21-00 (Cool White, 12 LED, 1 Watt, 84 Lumen)
- LLB-19LW-21-00 (Warm White, 12 LED, 1 Watt, 60 Lumen)
- LLB-19LR-21-00 (Red, 12 LED, 0.7 Watt)

42mm

- LLB-18LC-21-00 (Cool White, 12 LED, 1 Watt, 84 Lumen)
- LLB-18LW-21-00 (Warm White, 12 LED, 1 Watt, 60 Lumen)
- LLB-18LR-21-00 (Red, 12 LED, 0.7 Watt)

Three-Sided 9 LED Festoon

High Powered 270 Degree Spread

This High Power 9-LED Festoon bulb have a built in Buck Regulator and has a wider light output angle. Available in multiple colors, great for adding more light in a larger area.

- Available in 42mm (1.65 in) / 43mm
- Wide 270 Degree Viewing Angle
- Super Bright
- Up to 50,000 Hours
- 10 - 30V DC
- Equivalent to 15 Watt incandescent



Lighting Color Options:

- Cool White
- Warm White
- Red
- Green
- Red/Green

Part Numbers:

42mm

- LLB-189C-21-00 (Cool White, 9 LED, 2 Watt, 160 Lumen)
- LLB-189W-21-00 (Warm White, 9 LED, 2 Watt, 141 Lumen)
- LLB-189R-21-00 (Red, 9 LED, 1.4 Watt)
- LLB-189G-21-00 (Green, 9 LED, 1.4 Watt)
- LLB-189B-21-00 (Bi-Color, 9 LED, 1.4 Watt)

Series 25 - 43 mm

- LLB-319C-71-00 (Cool White, 9 LED, 2 Watt, 160 Lumen)
- LLB-319W-71-00 (Warm White, 9 LED, 2 Watt, 141 Lumen)
- LLB-319B-71-00 (Bi-Color, 9 LED, 1.4 Watt)

Five-Sided 30 LED Festoon

High Powered Complete 360 Degree Spread

This High Power 360 degree Festoon bulb has a built in Regulator and 360 degree light output in all directions. Available in multiple colors.

- Complete 360 Degree Viewing Angle
- Super Bright
- Up to 50,000 Hours
- 10 - 30V DC
- Equivalent to 25 Watt incandescent



Lighting Color Options:

- Cool White
- Warm White
- Red
- Green

Part Numbers:

Series 25 - 43mm

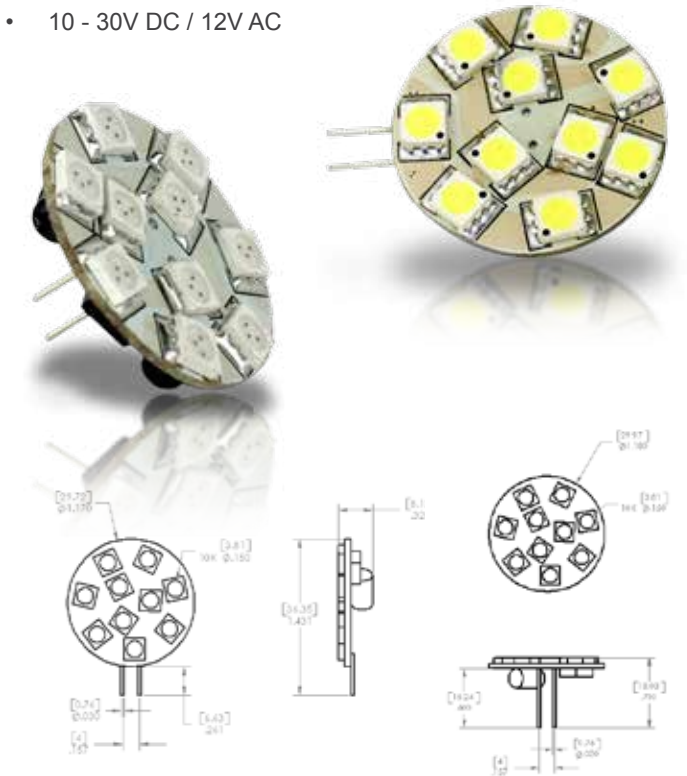
- LLB-31HC-71-00 (Cool White, 30 LED, 3.25 Watt, 210 Lumen)
- LLB-31HW-71-00 (Warm White, 30 LED, 3.25 Watt, 150 Lumen)
- LLB-31HR-71-00 (Red, 30 LED, 2 Watt)
- LLB-31HG-71-00 (Green, 30 LED, 2 Watt)

G4 Large Disc 1.2" (30mm)

High Power - Low Heat

G4 utilizes High Power LEDs for more than enough light to read and work by. As with all our replacement bulbs the G4 includes a built in Regulator making it the most robust on the market today and produces little heat.

- Side or back pin options.
- Larger size brings larger light
- No Fire Hazard like that of Halogens
- Up to 50,000 Hours
- 10 - 30V DC / 12V AC



Lighting Color Options:

- Cool White
- Warm White
- Red

Part Numbers:

Side Pin

- LLB-21TC-21-00 (Cool White, 2.0 Watt, 190 Lumen)
- LLB-21TW-21-00 (Warm White, 2.0 Watt, 170 Lumen)
- LLB-21TR-71-00 (Red, 1.54 Watt)

Back Pin

- LLB-21UC-21-00 (Cool White, 2.0 Watt, 190 Lumen)
- LLB-21UW-21-00 (Warm White, 2.0 Watt, 170 Lumen)
- LLB-21UR-71-00 (Red, 1.54 Watt)



G4 Compact Disc 0.9" (23mm)

G4 LED Light

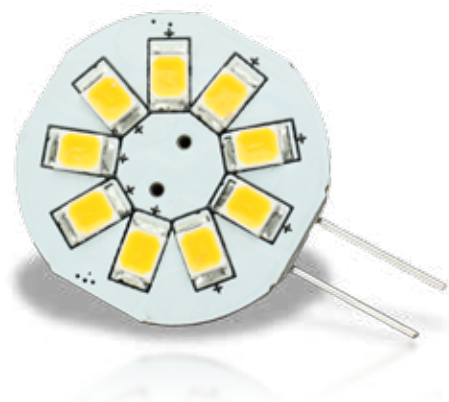
Silicone Encapsulated LED

NEW 360 Degree COB LED

High Power - Low Heat

G4 utilizes High Power LEDs for more than enough light to read and work by. As with all our replacement bulbs the G4 includes a built in Regulator making it the most robust on the market today and produces little heat.

- Convenient small size
- No Fire Hazard like that of Halogens
- Up to 50,000 Hours
- 10 - 30V DC / 12V AC



Economical - Low Heat

G4 Bottom Pin utilizes High Power LEDs for more than enough light to read and work by. As with all our replacement bulbs the G4 includes a built in Regulator making it the most robust on the market today and produces little heat.

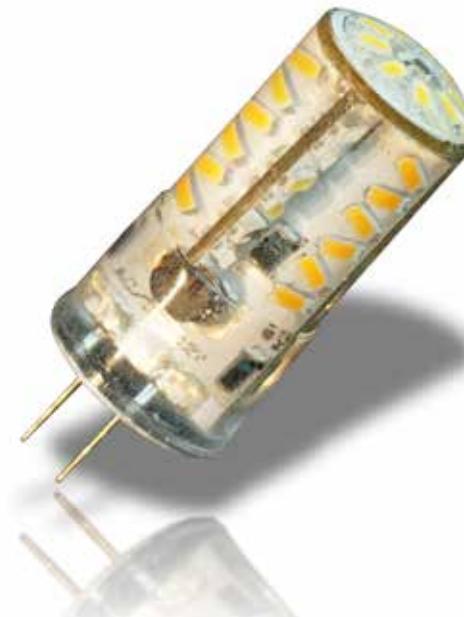
- Wide variety of sizes and colors
- No Fire Hazard like that of Halogens
- Up to 50,000 Hours
- 10 - 30V DC or 12V AC / DC



G4 Bottom Pin

Water tight Silicone Encapsulated G4 LED. Large on light with 200 Lumen output but soft on the eyes and only take up 15 x 43mm of space. 12VDC ONLY and Equal to a 20W incandescent.

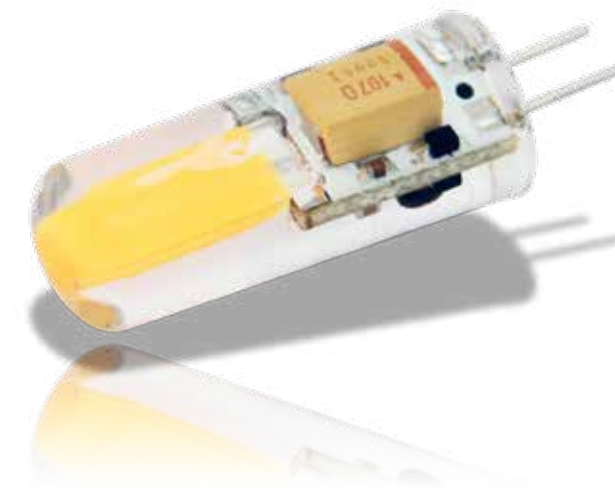
- Newest Chip Technology
- Water Tight
- Long Life: Up to 50,000 Hours
- 12V DC Only
- 3 Watt



Soft Warm Light

The newest generation Lunasea LED G4 Light produces light with a 360 degree spread instead of being the traditional directional beam. At over 200 Lumen output this light replaces a 25-30W Halogen. Soft halogen like 2700K Warm White or Cooler 4000K white, this bulb will meet the requirement. Encapsulated to protect from the elements.

- New COB LED Technology
- Water Tight
- 10-30V DC
- Only 1.5W



Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

Side Pin

LLB-216C-21-00 (Cool White, 1.2 Watt, 130 Lumen)
LLB-216W-21-00 (Warm White, 1.2 Watt, 120 Lumen)

Back Pin

LLB-21BC-21-00 (Cool White, 1.2 Watt, 130 Lumen)
LLB-21BW-21-00 (Warm White, 1.2 Watt, 120 Lumen)

Lighting Color Options:

- Cool White
- Warm White
- Red
- Green

Part Numbers:

LLB-21FC-61-00 (Cool White, 1.3 Watt, 105 Lumen)
LLB-21FW-61-00 (Warm White, 1.3 Watt, 89 Lumen)
LLB-21FR-61-00 (Red, 1 Watt)
LLB-21FG-61-00 (Green, 1 Watt)

LLB-21EC-21-00 (Cool White, 3.5 Watt, 288 Lumen)
LLB-21EW-21-00 (Warm White, 3.5 Watt, 255 Lumen)

Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

LLB-21HC-61-00 (Cool White)
LLB-21HW-61-00 (Warm White)

Lighting Color Options:

- Natural White
- Warm White

Part Numbers:

LLB-21KC-61-10 (Cool White, 1.5 Watt, 210 Lumen)
LLB-21KW-61-10 (Warm White, 1.5 Watt, 200 Lumen)

Bayonet 18 LED Light

Super Bright - Low Energy

The Bayonet Series High Power LEDs all include built in Regulator.

- Low energy compared to incandescents
- Up to 50,000 Hours
- 10 -30V DC / 12V AC
- Equivalent to 30 Watt incandescent



Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

BA15S
LLB-22EC-21-00 (Cool White, 3.2 Watt, 288 Lumen)
LLB-22EW-21-00 (Warm White, 3.2 Watt, 252 Lumen)

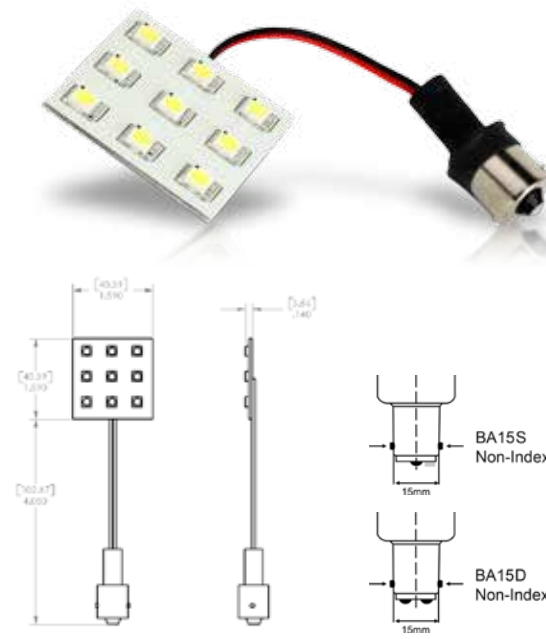
BA15D
LLB-26EC-21-00 (Cool White, 3.2 Watt, 288 Lumen)
LLB-26EW-21-00 (Warm White, 3.2 Watt, 252 Lumen)

Bayonet 9 LED Light

Light Where You Want It

The Bayonet Series High Power LEDs include built in Regulator and can be easily double side taped into place.

- Low energy compared to incandescents
- Super Bright
- Up to 50,000 Hours
- 10 - 30V DC / 12V AC



Lighting Color Options:

- Cool White
- Warm White
- Red

Part Numbers:

BA15S
LLB-229C-21-00 (Cool White, 9 LED, 2 Watt, 169 Lumen)
LLB-229R-21-00 (Red, 9 LED, 2 Watt)
LLB-229W-21-00 (Warm White, 9 LED, 2 Watt, 149 Lumen)

BA15D
LLB-269C-21-00 (Cool White, 9 LED, 2 Watt, 169 Lumen)
LLB-269R-21-00 (Warm White, 9 LED, 2 Watt)
LLB-269W-21-00 (Warm White, 9 LED, 2 Watt, 149 Lumen)

Bayonet LED Light

Super Bright - Low Energy

Looks and feels like a traditional incandescent bulb but uses only a fraction of the power. The Bayonet Series High Power LEDs all include built in Regulator.

- General purpose
- Wide 360 degree viewing angle
- Super Bright
- Up to 50,000 Hours
- 10 - 30VDC
- Equivalent to 15 Watt Halogen



Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

BA15S
LLB-22FC-21-00 (Cool White, 1 Watt, 105 Lumen)
LLB-22FW-21-00 (Warm White, 1 Watt, 75 Lumen)

BA15D
LLB-26FC-21-00 (Cool White, 1 Watt, 105 Lumen)
LLB-26FW-21-00 (Warm White, 1 Watt, 75 Lumen)

Elegant Edison Style LED

Beautiful Warm White Light

Inspired by Thomas Edison's original carbon filament design, this LED bulb by Lunasea creates an iconic glow while saving you in energy. This antique style bulb has a warm white hue that creates a vibrant glow reminiscent of early 20th-century lighting. Truly enjoy its unique look and distinctive color.

- 60-Watt Equivalent
- 12-24VDC, 7 Watt
- Soft Warm White 2600K
- E26 Base



Lighting Color Options:

- Warm White

Part Numbers:

LLB-48FW-82-00 (Warm White)



12VDC E26 Replacement Bulb

MR11 / MR16 LED Lights

T10 LED Wedge Light

G4 / MR11 / MR16 Adapters

Super Bright - Low Energy

Lunasea's LED replacement light bulbs provide the perfect long lasting energy efficient alternative!

Lunasea Lighting's environmentally friendly E26 LED light bulbs are an excellent replacement option for halogen and other heat producing bulbs. No more power hungry bulbs in your old Sea Dog™ type fixtures. They have an extremely long life and consume very little energy.

Attractive Remote Phosphor replicates traditional bulb look.

- Long Life: Over 50,000 hours
- Attractive Remote Phosphor or Work Light
- 12VDC Only

LLB-48EW-01-00



LLB-48EP-21-00
Remote Phosphor

Lighting Color Options:

- Warm White

Part Numbers:

- LLB-48EP-21-00 (Warm White, 7 Watt, 540 Lumen)
- LLB-48EW-01-00 (Warm White, 5 Watt, 420 Lumen)

Super Bright - Low Energy

Time to lose those heat producing energy hungry MR11's / MR16's and replace them with cool running low energy LED's.

- General purpose and reading lamp
- Super Bright
- Up to 50,000 Hours
- MR11 - 10V-30V DC, 2.2 W
- MR16 - 12V DC/AC, 5 W



Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

- MR11**
 LLB-11TD-61-00 (Cool White, 160 Lumen, 2.2 Watt)
 LLB-11TW-61-00 (Warm White, 140 Lumen, 2.2 Watt)

- MR16 - 30 Degree Viewing**
 LLB-16NW-61-00 (Warm White, 3 LED, 290 Lumen)
 LLB-16ND-61-00 (Cool White, 3 LED, 340 Lumen)

- MR16 - 80 Degree Viewing - Dimmable - 50*52mm**
 LLB-16CW-01-00 (Warm White, 2700K, 80CRI, COB, 450 Lumen)
 LLB-16CD-01-00 (Cool White, 5000K, 80CRI, COB, 520 Lumen)

Bright - Low Energy

T10 Miniature Wedge Base Bulb with 6 or 15 High Power LEDs.

- Super Bright
- Up to 50,000 Hours
- 10-16V AC/DC

LLB-23F



LLB-235



Lighting Color Options:

- Cool White
- Warm White

Part Numbers:

- LLB-235C-21-00 (Cool White, .73 Watt, 82 Lumen)
- LLB-235W-21-00 (Warm White, .73 Watt, 69 Lumen)

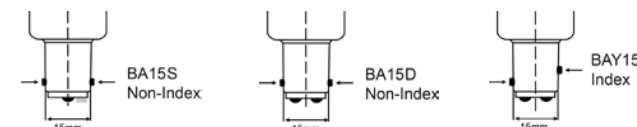
- LLB-23FC-61-00 (Cool White, 1.3 Watt, 93 Lumen)
- LLB-23FW-61-00 (Warm White, 1.3 Watt, 89 Lumen)

Convert G4, MR11 and MR16 LED light bulbs to fit BA15D, BA15S, BAY15D and BAY15S bases.

Lunasea Lighting's adapters allow you to easily convert G4, MR11 and MR16 LED light bulbs so they fit the BA15S single contact base with parallel locking pins, BA15D single intensity dual contact base with parallel locking pins, or BAY15S and BAY15D base with offset locking pins.

These adapters ensure that you can easily replace outdated incandescent and halogen light bulbs with energy efficient G4, MR11 and MR16 LED light bulbs! (Not for use on 110V systems.)

- Fast and Easy Conversion
- Flexibility to Meet Any LED Lighting Needs
- Replace Outdated Incandescent and Halogen Lights



Part Numbers:

- LLB-44AG-01-00 (G4 to BA15S Adapter)
- LLB-44BG-01-00 (G4 to BA15D Adapter)
- LLB-44DG-01-00 (G4 / MR11 / MR16 to BAY15D Adapter A)

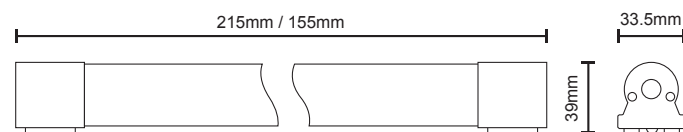
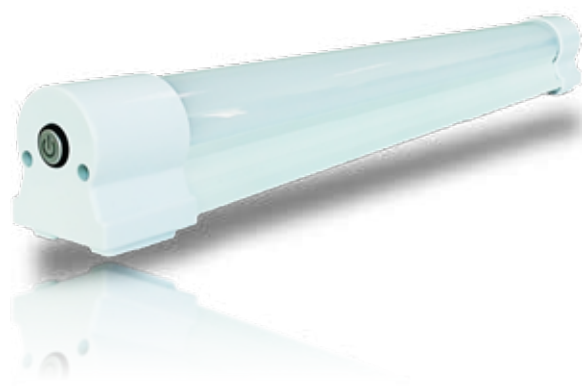
- LLB-44EE-01-00 (E26 to G4/MR16 adapter)

Li-Ion Battery Portable Light

The ultimate portable light that continues to produce bright useful light for up to 5 hours on a single charge. Includes USB 12VDC charger and cable. Can be mounted using multiple methods or simply set down where you require light. Utilizes 4 amp Lithium Ion Battery providing long service.

Charged light can be used to power other USB devices such as cell phones. Simply plug the cable from the light into your device.

- Built-in 4AH Li-Ion battery last approx. 5 hours!
- Built in on-off switch
- Magnetic or easy snap in bracket
- Wide output
- Standard mini-USB charging



Lighting Color Options:

- Natural White

Part Numbers:

LLB-32PC-01-00 (Natural White)

Compact, Easy to Install

The Lunasea LED Utility Light is lightweight and is an excellent source of natural white light.

Compact and lightweight but not low on light. Producing 432 lumens of light this compact light can really pack a punch.

- 432 Lumens
- Surface Mount
- On/Off Switch with Memory
- 10 - 30V DC - 3 Watt
- Wide Output



Lighting Color Options:

- Natural White

Part Numbers:

LLB-01WD-81-00 (Natural White)

Stylish, Compact, Easy to Install

Now a courtesy light that is stylish, compact and easy to install.

The 316 Stainless steel IP67 design lets you mount either inside or out. Included inline driver (IP20) provides continuous light from 10-40VDC. Available in Warm White, Red or Blue includes 1M (3 Ft) Cable. Elegance in simplicity.

- 60 Degree Spread
- IP67 - Durable Waterproof Operation
- Soft Light Output
- Dimmable



Lighting Color Options:

- Blue
- Red
- Warm White

Part Numbers:

LLB-571B-81-00 (Blue)
 LLB-571R-81-00 (Red)
 LLB-57WW-81-00 (Warm White)

New Soft COB LED

A drop in for the 40W halogen. Recessed 3.5" LED light 2700K Dimmable COB LED.

Elegant polished stainless, brushed nickel or white trim with frosted glass make this light the perfect choice. Three screw mounting compatible with the most popular models and a tapered back to allow for wire storage. Warm White, Warm White/Red and Warm White/Blue available. Two or Three wire configurations. Simply reverse polarity to switch between colors or hi/lo.

Soft 2700K warm white hi CRI COB LED light enhances the beauty of your surroundings.

- NEW high output COB LED. Twice as bright as previous version.
- Very shallow depth, just over 1/2", 2.5" hole size.
- Low profile stainless bezel (available polished, brush and white finishes)
- Available white or red/white configurations.
- 10- 30 VDC – 3.75 W, 375 Lumen
- Fully dimmable with PWM dimmers.



Lighting Color Options:

- Warm White
- Warm White / Red
- Warm White / Blue

Part Numbers:

LLB-46WW-2A-SS (Stainless Trim, Warm White)
 LLB-46WR-2A-SS (Stainless Trim, Warm White / Red)
 LLB-46WW-2A-WH (White Trim, Warm White)
 LLB-46WR-2A-WH (White Trim, Warm White / Red)
 LLB-46WW-2A-BN (Brushed Stainless Trim, Warm White)
 LLB-46WR-2A-BN (Brushed Stainless Trim, Warm White / Red)
 LLB-46WB-2A-SS (Stainless Trim, Warm White / Blue)
 LLB-46WB-2A-WH (White Trim, Warm White / Blue)
 LLB-46WB-2A-BN (Brushed Stainless Trim, Warm White / Blue)

Adjustable Beam

Powerful without the hot spots. Using the newest COB LED technology, the LL56 series produces a soft, high color rendering light that fills the area. Comes in Polished and White finish with frosted glass lens. Spring mounting make securing these light a breeze. Digitally dimmable designed into the electronics means you will not need special circuitry. 2750K Warm White produces a light close to that of a halogen.

- Super High output, as bright as a 50 watt halogens!
- New high output COB LED. Very warm output color.
- High color rendering.
- Can swivel or mount straight.
- Large aluminum heat sink for superior heat dissipation.
- Dimmable
- 430 Lumen, 80+ CRI
- 5 Watt

White Trim



Polished Trim



Lighting Color Options:

- Warm White

Part Numbers:

- LLB-56WW-01-SS (Polished Trim)
- LLB-56WW-01-WH (White Trim)

Beautiful

Built-in touch dimming switch also produces a soothing blue glow. These beautiful wall fixtures put out the light! The main LED produces a warming light that will really light your cabin or dim to read by. Simply touch the switch and hold until you reach the desired lighting.

- Warm White Light
- Touch Dimming
- 12V DC

33AW



33BW



33CW



Lighting Color Options:

- Warm White

Part Numbers:

- LLB-33AW-81-OT (Warm White, 4.5 Watt)
- LLB-33BW-81-OT (Warm White, 3 Watt)
- LLB-33CW-81-OT (Warm White, 6 Watt)

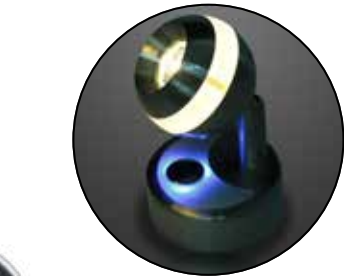
Elegant Wall Mount with Touch Dimming

Beautiful 3 watt wall fixtures produces warm white light. A selection of styles to choose from including one with crystal glass. New four step dimming to reach the desired lighting; off – blue – low – med – high

- Brushed Aluminum
- Warm White Light
- Touch Dimming
- New Electronics for Improved Performance
- Now 12 & 24VDC Input



33RW



33LW



33SW



33JW



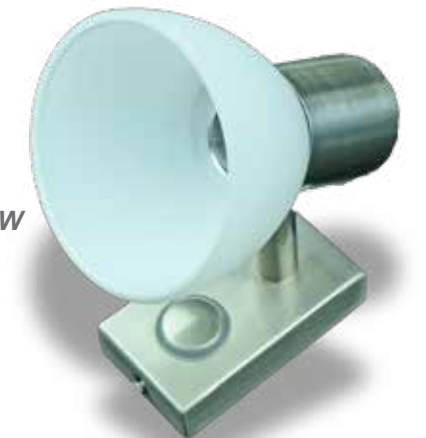
33QW



33MW



33EW



Lighting Color Options:

- Warm White

Part Numbers:

- LLB-33JW-81-OT (Warm White with Touch)
- LLB-33LW-81-OT (Warm White with Touch)
- LLB-33MW-81-OT (Warm White with Touch)
- LLB-33QW-81-OT (Warm White with Touch)
- LLB-33RW-81-OT (Warm White with Touch)
- LLB-33SW-81-OT (Warm White with Touch)
- LLB-33EW-81-OT (Warm White with Touch)



Next Generation Surface Mount LED Fixtures

Stylish low profile replacement for dome lights utilizing new Soft COB LED.

Surface Mount Digitally dimmable design means you will not need additional circuitry to adjust to just the right output. Warm White, Warm White/Red and Warm White/Blue available.

Designed with Lunasea's robust electronics and temperature monitoring these lights were designed for minimal interference with electronic equipment. Can be dimmed externally.

Soft 2700K warm white hi CRI COB LED light enhances the beauty of your surroundings.

- High power output without the glare
- Hole compatible with old type dome lights
- Low profile design
- Excellent viewing angle: 120 degree
- Dimmable
- 2700K Warm White, 85CRI
- 375 Lumen
- 3.75 Watt
- Equivalent to 40 Watts of light

Lighting Color Options:

- Warm White
- Warm White / Red
- Warm White / Blue

Part Numbers:

5.5" Diameter
 LLB-10WW-2A-CR (Warm White, High / Low Switch)
 LLB-10WR-2A-CR (Warm White/Red Switch)
 LLB-10WB-2A-CR (Warm White / Blue Switch)

LLB-10WW-2A-BN (Warm White, High / Low Switch)
 LLB-10WR-2A-BN (Warm White/Red Switch)
 LLB-10WB-2A-BN (Warm White / Blue Switch)

6.75" Diameter
 LLB-07WW-2A-CR (Warm White, High / Low Switch)
 LLB-07WR-2A-CR (Warm White/Red Switch)
 LLB-07WB-2A-CR (Warm White / Blue Switch)

LLB-07WW-2A-BN (Warm White, High / Low Switch)
 LLB-07WR-2A-BN (Warm White/Red Switch)
 LLB-07WB-2A-BN (Warm White / Blue Switch)

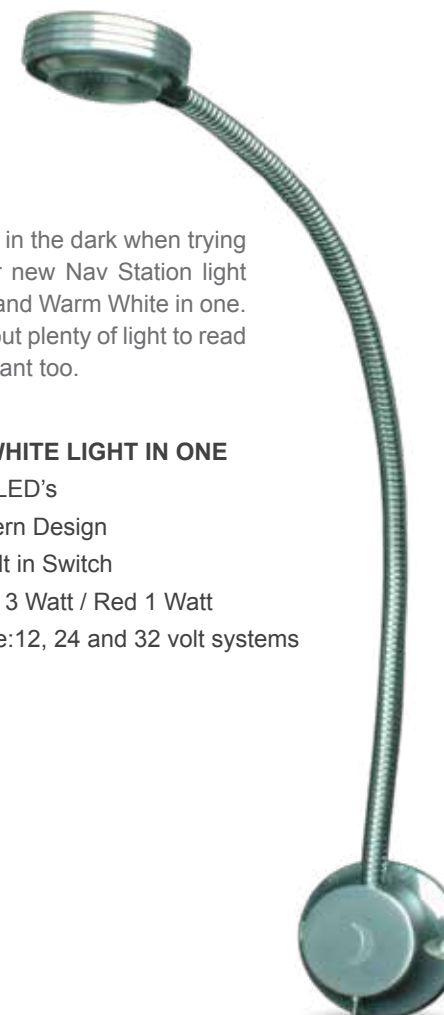


Smooth Chrome Style - CR

Brushed Nickel Style - BN

LED Chart / Map Light

Stylish Modern Design Ultra Bright



Don't get caught in the dark when trying to navigate! Our new Nav Station light offers both Red and Warm White in one. Both colors put out plenty of light to read by and look elegant too.

- **RED AND WHITE LIGHT IN ONE**
- Ultra Bright LED's
- Stylish Modern Design
- Includes Built in Switch
- Warm White 3 Watt / Red 1 Watt
- Input Voltage: 12, 24 and 32 volt systems

Lighting Color Options:

- Warm White / Red

Part Numbers:

LLB-49WR-21-CR (Warm White / Red)

Why Lunasea Lighting

- State of the art design and performance.
- Continuously researching and developing new products.
- Full Product line, almost all lighting products covered!
- Quality construction. Fixtures are built to last!
- Competitive pricing.
- Most fixtures are dimmable.
- Most products are multi-voltage.

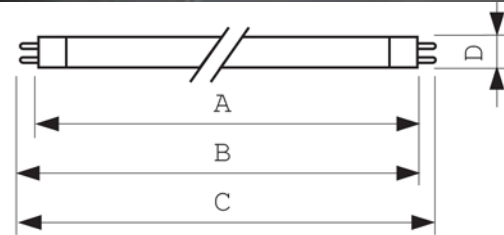


Fluorescent Tube Replacement

UPGRADE YOUR FLUORESCENT FIXTURE TO LED

No need to sacrifice light output to upgrade your original fluorescent fixtures. Simply remove the old bulb and insert the new LED tube replacement. Wires directly to the 12V or 24V wiring. End caps carry no electrical power but offer simple mounting. Producing 504 lumens of light, this light can really pack a punch.

- Replaces 12" fluorescent tubes
- No ballast needed, wires straight to input power
- No ballast means no electrical noise into other equipment
- 30% brighter (504 lumens) with only 4 watts of power
- Same 4000K color as old tubes
- End caps position replacement tube into existing fixture



A	B	C	D	
288	295	302	6	mm
11.3	11.6	11.9	0.6	inch

Lighting Color Options:

- Cool White

Part Numbers:

LLB-05WD-81-00

Ultra Thin LED Light Bar

12 Inch - High Output

These sleek Light Bars are great for use in Boats, Homes and Recreational Vehicles! Slim and bright, that is what Lunasea Lighting delivers with it's newest addition.

Ultra thin design is only 8mm thick. Includes versatile mounting accessories providing either flush or adjustable mount. Light includes tough power switch, power cable. Corner and end to end cable accessory optional. IP20.

- Only 8mm Thick!
- Includes Power Cable, Touch Switch with Dimming and Mounting Clips
- End-to-End Connectivity
- 12V DC
- 4 Watt
- End to end up to 3 lights



Lighting Color Options:

- Warm White

Part Numbers:

LLB-32DW-01-00 (Warm White, Touch Switch and Power Cable)

LLB-32DW-01-AX
(Warm White, End to End Extension and Power Cable)

Slim Aluminum Light Bar

12 and 24 Inch Lengths Available Equivalent to a 40/80 Watt Bulb

These sleek Light Bars are great for the RV, Boat or Home! Choose high output white for under cabinet, closet, or any place requiring substantial light. Red or Blue for those applications where navigation or mood lighting is desired. All our light bars deliver stunning light output, long life exceeding 50,000 hours and draws little power. Sleek aluminum and glass cover.

- Ultra Bright LED's
- End to end three 12" or two 24"
- Includes in-line Switch
- 12 and 24 inch options (30 and 60 cm)
- 12" (30cm) uses only 5 Watts
- 24" (60cm) 10 Watts
- 10-30V DC



Lighting Color Options:

- Cool White
- Warm White
- Red
- Blue

Part Numbers:

12 inch (30cm)
 LLB-32CC-71-00 (Cool White, 408 Lumen)
 LLB-32CW-71-00 (Warm White, 360 Lumen)
 LLB-32CR-71-00 (Red)
 LLB-32CL-71-00 (Blue)

24 inch (60cm)
 LLB-32YC-71-00 (Cool White, 816 Lumen)
 LLB-32YW-71-00 (Warm White, 720 Lumen)
 LLB-32YR-71-00 (Red)
 LLB-32YL-71-00 (Blue)

LLB-32AH-01-00 (6 inch daisy cable)

LED Navigation Light Bulbs

More Intensity With Less Power, Certified USCG COLREG 72 & ABYC-A16

Lunasea's navigation lights are Waterproof, have a Lifetime Warranty and are certified for 2 Nautical Miles!

Lunasea's newest, brightest and smallest Navigation replacement bulb designed using the most advanced LED's available! Produces more intensity, drawing less power and a wider voltage input. EMI and surge protected. Now you can have the best and feel secure your boat is properly protected.

- Encapsulated to protect from the elements
- Smaller Design with Excellent Viewing Angles
- More Intensity with Superior Lumens
- 10 - 30V DC
- 2.5 Watts



USCG Approved



Lighting Color Options:

- White

Part Numbers:

BA15D - Single Color
 LLB-28NW-24-SD (White, USCG Approved)

BAY15D - Single Color
 LLB-28NW-24-SY (White, USCG Approved)



LED Navigation Fixture

Bi-Color Festoon 9 LED Light

Waterproof Strip LEDs

Navigation Fixtures, 2 Nautical Miles, Certified USCG COLREG 72 & ABYC-A16

Lunasea's Tri-color/Anchor/Flash and Anchor/Flash LED navigation models have the added features that you asked for, and more. This lightweight fixture, made of machined marine grade aluminum weighs just 140 grams (4.9 ounces). We've added emergency flash, auto daylight turnoff for anchor, and a removable bird spike that can accommodate Davis Windex™.

The waterproof connector is only 0.38 inch wide for easier cable routing. The glass lens assures excellent light transmission for the life of the product. With state-of-the-art EMI circuitry this light will not affect your VHF equipment. And last but not least, we hard anodized the unit to withstand harsh saltwater environments.

- Ultra-light Weight, only 4.9 Ounces
- Two* or Three wire hookup
- 2 Nautical Mile Light Output with Waterproof Quick Disconnect
- Anchor Auto-Off Light Sensor During Daylight Hours
- 10 - 30V DC
- 4 Watts

* Two wire hookup requires reverse polarity switch. Running & Anchor Only, (no flash option).



Part Numbers:

- LLB-53BK-81-00 (Tri Color, Anchor and Emergency Strobe)
- LLB-53BS-81-00 (Steaming and Anchor, USCG approval pending)
- LLB-53BA-81-00 (Anchor Light)

Waterproof Navigation Light

"Lifetime Warranty"

- 9 LED at 1.4 Watt
- Available in 42mm and Series 25 options
- Encapsulated to completely protect from the elements
- Maintains Full Brightness from 9 to 30VDC
- High Intensity, Superior Lumen Maintenance
- Keeps working if one of the LED's should fail
- 270 degree Viewing Angles

LLB-189



LLB-319



Lighting Color Options:

- Red/Green
- White
- Red
- Green

Part Numbers:

- LLB-189W-21-OZ (Cool White)
- LLB-189B-21-OZ (Bi-Color - Red / Green)
- LLB-189R-21-OZ (Red)
- LLB-189G-21-OZ (Green)
- LLB-319W-71-OZ (Cool White)
- LLB-319B-71-OZ (Bi-Color - Red / Green)
- LLB-319R-71-OZ (Red)
- LLB-319G-71-OZ (Green)

Add Ambiance to any Environment

LED Strip Lighting offers the perfect solution to creating energy-efficient, stylish task, accent and mood lighting. Strips are discreet, flexible, and cuttable.

IP20 for indoors and IP68 rated with extensive UV protection for outdoors makes these strip LED's perfect for boating applications.

Add one of the optional controllers and produce multiple colors, control brightness and create special effects.

- Flexible & Waterproof
- Energy Efficient LED's
- High Intensity, Superior Lumen Maintenance
- Excellent Viewing Angle: 120 degree
- Cut to the perfect length
- Input Voltage: 12VDC
- Application: Marine, Auto and Home
- RGB (Red/Green/Blue) or Single Color - 7.2 Watt / Meter

See controllers starting on page 23 for controlling Strip Lighting

Lighting Color Options:

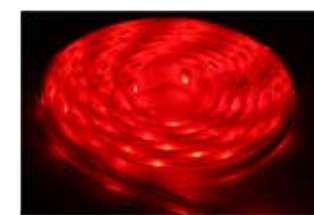
- Warm White
- Red
- Green
- Blue
- Red / Green / Blue

Part Numbers:

Indoor IP20, 30 LED/Meter, 12VDC, 5050 type LED
LLB-463W-01-05 (Warm White, 5 Meter)

Outdoor IP68, 30 LED/Meter, 12VDC, 5050 type LED

- LLB-453M-01-02 (RGB, 2 Meter with Connector)
- LLB-453M-01-05 (RGB, 5 Meter with Connector)
- LLB-453W-01-02 (Warm White, 2 Meter with Connector)
- LLB-453W-01-05 (Warm White, 5 Meter with Connector)
- LLB-453R-01-02 (Red, 2 Meter with Connector)
- LLB-453R-01-05 (Red, 5 Meter with Connector)
- LLB-453B-01-02 (Blue, 2 Meter with Connector)
- LLB-453B-01-05 (Blue, 5 Meter with Connector)





Europa Pendant LED Lights



Cobalt Blue
Dimensions:
 Glass Width: 3.5"
 Glass Height: 2.75"
 Rod Length: 6"



Red/Brown Swirl
Dimensions:
 Glass Width: 3.5"
 Glass Height: 2.75"
 Rod Length: 6"



Multi-Color Swirl
Dimensions:
 Glass Width: 3.94"
 Glass Height: 2.76"
 Rod Length: 6"



White/Multi-Color Swirl
Dimensions:
 Glass Width: 3.5"
 Glass Height: 2.75"
 Rod Length: 6"



Green/Blue Swirl
Dimensions:
 Glass Width: 4.5"
 Glass Height: 2.75"
 Rod Length: 6"

High Power LED Pendant - Hand Blown Glass and Friction Swivel

We invite you to discover our elegant Europa pendant LED lights. They deliver unmatched natural light that is the smart alternative to energy draining, battery killing and hot halogen bulbs. Europa pendants are available in a variety of beautiful blown glass shades for an extra touch of style and warmth.

The built-in digital dimming option allows our LED Pendant Lights to be operated with the Lunasea Lighting professional dimming switch. LED Pendant Lights features Lunasea's exclusive, friction-swivel base that allows the rod and pendant to move or swing if bumped but stay put when traveling.

- Elegant and Efficient
- 10-30 VDC
- 3 Watt

Lighting Color Options:

- Cool White

Part Numbers:

Natural White:
 LLW-03CB-01-00 (Cobalt Blue)
 LLW-03BB-01-00 (Multi-Color Swirl)
 LLW-03WM-01-00 (Cool White/Multi-Color Swirl)
 LLW-03RB-01-00 (Red/Brown Swirl)
 LLW-03GB-01-00 (Green/Blue Swirl)

Mini RF Kit

Single Zone Mini RF LED Dimmer and 8 Amp Receiver

Easy and convenient way to control lighting without wires.

- Transmits up to 20 meters (65 feet)
- Switch on/off or hold for smooth dimming
- Remembers state it was when receiver power is removed
- Receiver Voltage: 12-36VDC, 8 amp output



Part Numbers:

LLB-45RU-91-K1 (includes LLB-45RT-01-00 & LLB-45RR-91-00)

Linear RF Kit

Single Zone Linear RF LED Dimmer and 8 Amp Receiver Kit

Easy and convenient way to control lighting without wires.

- Transmits up to 20 meters (65 feet)
- Switch on/off or run finger up or down for smooth dimming
- Remembers state it was when receiver power is removed
- Receiver Voltage: 12-36VDC, 8 amp output



Part Numbers:

LLB-45RE-91-K1 (includes LLB-45RF-01-00 & LLB-45RR-91-00)



RF Dimmer - Four Zone

RF Dimmer - Two Zone

RF Dimmers - One Zone

RF Dimmer - Receiver

Wall Mount Touch Interface

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

Built in unit has easy touch interface with smooth dimming functionality for four stations (receiver required for each zone). The wall mount dimmers include an attractive tempered glass interface with capacitive touch interface just like your smart phone. Backlit display for easy access at night.

Requires 12/24VDC (no battery required).

LLB-45RR-91-00 Receiver required for each zone.

- Control Range of 20 Meters
- Reliable Touch and Dimming
- Each Remote Can Be Set to All Receivers



Smooth Dimming Functionality

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

Built in unit has easy touch interface with smooth dimming functionality for two stations (receiver required for each zone). The wall mount dimmers include an attractive tempered glass interface with capacitive touch interface just like your smart phone. Backlit display for easy access at night.

Requires 12/24VDC (no battery required).

LLB-45RR-91-00 Receiver required for each zone.

- Control Range of 20 Meters
- Reliable Touch and Dimming
- Each Remote Can Be Set to All Receivers



Tape Mount

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

Small convenient design is surface tape mountable.

Push once for on or off, or hold for dimming.

- Control Range of 20 Meters
- Reliable On/Off and Dimming
- Each Remote Can Be Set to Multiple Receivers



- Part Numbers:**
- LLB-45RT-01-00 (Tape mount)
 - LLB-45RK-01-00 (Keychain)
 - LLB-45RU-91-K1 (Tape Mount & LLB-45RR-91-00 Receiver Kit)

Convenience and Control

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

Add optional Normally Open Switch to control dimming and on/off function.

- Control Range of 20 Meters
- Reliable Touch and Dimming
- Each Remote Can Be Set to All Receivers
- 12V / 96W, 24V / 192W, 36V / 288W



- Part Numbers:**
- LLB-45RR-91-00

- Part Numbers:**
- LLB-45RZ-91-00

- Part Numbers:**
- LLB-45RX-91-00



RF Dimmer - Portable

Four Zone

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

An easy and portable touch interface with smooth dimming functionality for up to four sections (receivers).

CR-2025 battery average life is 3-5 years. Mount to a wall or leave on the table whichever is most convenient. **Requires LLB-45RR-91-00 Receiver.**

- Control Range of 20 Meters
- Reliable Touch and Dimming
- Each Remote Can Be Set to All Receivers



Part Numbers:
LLB-45RG-01-00

RF Dimmer - Portable

One Zone

Lunasea Lighting's professional RF Dimmers offer convenience and total control for your LED lights!

An easy touch interface with smooth dimming functionality. CR-2025 battery average life is 3-5 years. Mount to a wall or leave on the table whichever is most convenient. **Requires LLB-45RR-91-00 Receiver.**

- Control Range of 20 Meters
- Reliable Touch and Dimming
- Each Remote Can Be Set to All Receivers



Part Numbers:
LLB-45RF-01-00
LLB-45RE-91-K1 (Remote & LLB-45RR-91-00 Receiver Kit)

IP20 RGB Controller

Indoor with Remote

Provides easy to use controls for controlling your LED Strip Lighting.

- RGB Multi-function Controller
- 16 Color Patterns
- 16 Modes and 50 Level Brightness Control
- Size: 86 (l) x 86 (w) x 47 (h) mm
- Indoor only (IP20)
- Input 12/24VDC, Output Power 3 amp each channel



Part Numbers:
LLB-45AT-08-00

IP20 Single Color Controller

Indoor with Wall Mount Controller

Provides easy to use controls for controlling your LED Strip Lighting.

- Dimmer with On / Off Knob
- Power LED Indicator
- Includes IR Remote
- Input 12/24VDC, Output Power 7 amp
- Indoor Only (IP20)



Part Numbers:
LLB-45AU-08-00



IP65 RGB Controller

Outdoor with Remote

Provides easy to use controls for controlling your LED Strip Lighting.

- Multi Function Controller
- 16 Color Patterns
- 50 Level Brightness Control
- Size: 191 (l) x 55.5 (w) x 46.5 (h) mm
- Indoor/Outdoor (IP65)
- Input 12/24VDC, Output Power 6 amp each channel



Part Numbers:

LLB-45AR-08-0D

IP20 RGB Controller

Indoor with Remote

Provides easy to use controls for controlling your LED Strip Lighting.

- Multi Function Controller with IR Controller
- 16 Color Patterns
- 11 Modes and 32 Level Brightness Control
- Size 90 (l) x 70 (w) x 28 (h) mm
- Indoor only (IP20)
- Input 12/24VDC, Output Power 4 amp each channel



Part Numbers:

LLB-45AR-08-01

3 Amp Waterproof Converter

24 - 12VDC Converter

Lunasea's 3-amp, waterproof converter ensures that you are protected against overloading, over-current and over-heating!

Output current: 3 Amp Output power: 36 Watts
 Conversion efficiency: 96%
 Output ripple: 50mV (MAX) 20M-bandwidth
 Full load temperature rise: 50C
 Load regulation: +/- 1%
 Voltage regulation: +/- 2%
 Operating temp: -40C to +85C
 Size: 58x40.5x22mm
 Weight: 93g

- 24 VDC to 12 VDC Conversion
- Compact Design
- 36W Output



Part Numbers:




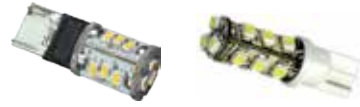














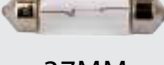














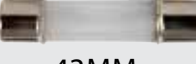


LLB-17PA-11-00



LED LIGHT BULB REPLACEMENT GUIDE

Cross Reference

All Bulbs are 10-30VDC (12 & 24VDC Systems) unless noted
 Bulbs have no polarity. Simply insert and use Low heat and brighter light.
 Listed replacement bulbs are the most popular. Please check our web site for additional types.

Original Bulb	LED Replacements	Original Bulb	LED Replacements	Original Bulb	LED Replacements	Original Bulb	LED Replacements	Original Bulb	LED Replacements	
G4 10-15 Watt 	 360 Degree LLB-216/ 21B LLB-21F SIDE PIN LLB-216W-21-00 Warm White LLB-216C-21-00 Cool White BACK PIN LLB-21BW-21-00 Warm White LLB-21BC-21-00 Cool White BOTTOM PIN LLB-21FW-61-00 Warm White LLB-21FC-61-00 Cool White	T10 Wedge 2-5 Watt 	 LLB-235 LLB-23F (360 degree) 12V only LLB-235W-21-00 Warm White LLB-235C-21-00 Cool White LLB-23FW-61-00 Warm White LLB-23FC--61-00 Cool White	BA15S 10-15 Watt 	 BA15S Non-Index 360 Degree LLB-22FW-21-00 Warm White LLB-22FC-21-00 Cool White	BA15S 20-27 Watt 	 BA15S Non-Index 15mm 120 Degree LLB-229W-21-00 Warm White LLB-229C-21-00 Cool White LLB-229R-21-00 Red	Festoon 5-10 Watt 31MM 	 120 Degree LLB-202W-21-00 Warm White LLB-202C-21-00 Cool White LLB-202R-21-00 Red LLB-202G-21-00 Green	
G4 15-25 Watt 	 360 Degree BOTTOM PIN (360 degree) 12V only LLB-21HW-61-00 Warm White LLB-21HC-61-00 Cool White	MR11 10 Watt 	 LLB-21HW-61-00 Warm White LLB-21HC-61-00 Cool White	BA15D 10-15 Watt 	 BA15D Non-Index 15mm 360 Degree LLB-26FW-21-00 Warm White LLB-26FC-21-00 Cool White	BA15D 20-27 Watt 	 BA15D Non-Index 15mm 120 Degree LLB-269W-21-00 Warm White LLB-269C-21-00 Cool White LLB-269R-21-00 Red	Festoon 10-15 Watt 37MM 	 120 Degree LLB-196W-21-00 Warm White LLB-196C-21-00 Cool White LLB-196R-21-00 Red 360 Degree LLB-19LW-21-00 Warm White LLB-19LC-21-00 Cool White LLB-19LR-21-00 Red	
G4 20-30 Watt 	 360 Degree LLB-21TW / UW LLB-21EW SIDE PIN LLB-21TW-21-00 Warm White LLB-21TC-21-00 Cool White LLB-21TR-21-00 Red BACK PIN LLB-21UW-21-00 Warm White LLB-21UC-21-00 Cool White LLB-21UR-21-00 Red BOTTOM PIN (360 degree) LLB-21EW-21-00 Warm White LLB-21EC-21-00 Cool White	MR16 15-20 Watt 	 12VAC/DC only LLB-16NW-61-00 Warm White LLB-16HD-61-00 Cool White	BA15S 20-27 Watt 	 BA15S Non-Index 15mm 360 Degree LLB-22EW-21-00 Warm White LLB-22EC-21-00 Cool White	ADAPTERS 		LLB-44AG-01-00 BA15S to G4 LLB-44BG-01-00 BA15D to G4 LLB-44DG-01-00 BAY15D to G4 LLB-44EE-01-00 E26/27 to G4	Festoon 10-15 Watt 42MM 	 120 Degree LLB-186W-21-00 Warm White LLB-186C-21-00 Cool White LLB-186R-21-00 Red 240 Degree LLB-189W-21-00 Warm White LLB-189C-21-00 Cool White LLB-189R-21-00 Red
		MR16 30-50 Watt 	 12VAC/DC only LLB-16CW-21-00 Warm White LLB-16CD-21-00 Cool White	BA15D 20-27 Watt 	 BA15D Non-Index 15mm 360 Degree LLB-22EW-21-00 Warm White LLB-22EC-21-00 Cool White	Festoon 20-25 Watt 43MM 	 360 Degree LLB-31HW-71-00 Warm White LLB-31HC-71-00 Cool White LLB-31HR-71-00 Red LLB-31HG-71-00 Green	 360 Degree LLB-18LW-21-00 Warm White LLB-18LC-21-00 Cool White LLB-18LR-21-00 Red		



EXTREME BEAM PROFESSIONAL SERIES



EXTREME BEAM

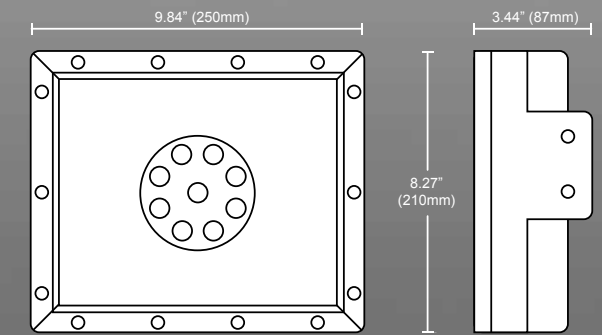
PROFESSIONAL SERIES

Ideal for commercial boating and industrial applications, Lunasea's Extreme Beam flood lights are built to effectively illuminate large onboard areas while standing up to anything the punishing marine environment can dish out. Unlike lights with cast aluminum bodies that corrode and leak water into the unit over time, Lunasea's ultra powerful LED lights boast incredibly rugged exterior housings machined out of solid marine-grade billet aluminum and hard anodized for unsurpassed scratch and corrosion resistance. The included stainless steel brackets and mounting hardware are equally tough and non-corrosive.

Lunasea's Extreme Beam Flood Lights are compact in size, yet they provide intensely bright light where you need it the most. Each model is equipped with the company's proprietary thermal control electronics, which guarantee long life in harsh temperatures and environments. A built-in Gore Breather Valve provides additional protection by preventing condensation from building up within the unit.



**CLASS I, DIVISION 2 LED FIXTURE
HAZARDOUS LOCATION LED FIXTURE**



LARGE AREA LIGHT

LLB-60NC-31-10 &
LLB-60NC-31-EX (Hazardous Certified)

The Lunasea 90W Flood Light produces the 11,500 lumens that really light up the work area. All this in a compact size with stainless brackets. Designed to project useful work area light that gets the job done. Designed to last! 100 degrees of ultra bright light that utilizes Lunasea's proprietary thermal control electronics to guarantee long life in harsh temperatures and environments.

APPLICATIONS

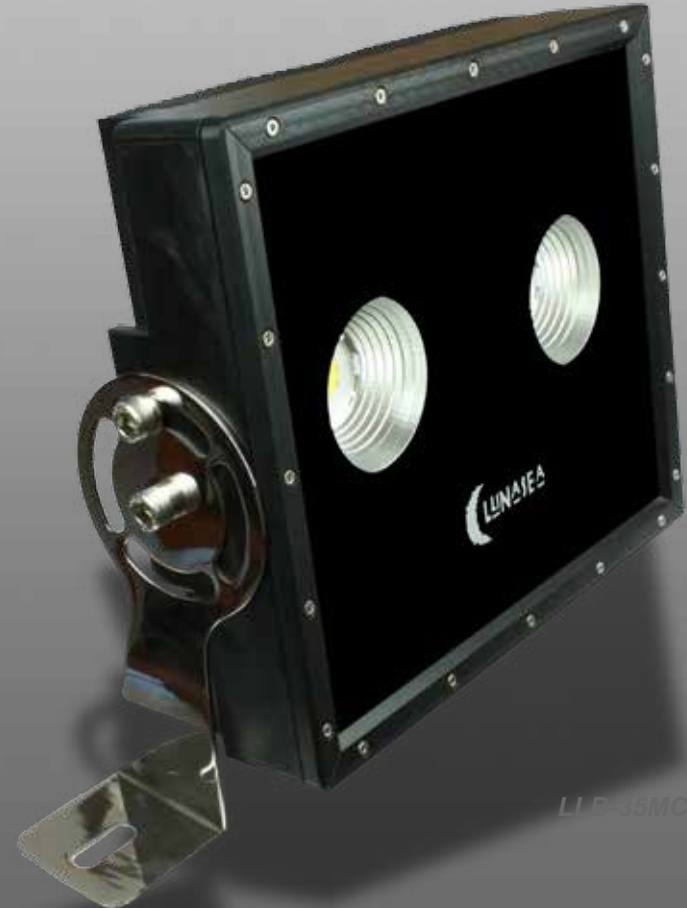
Designed to efficiently light corrosive and Hazardous applications such as chemical, petrochemical, marine, power generation, pharmaceutical or food processing plants.

SPECIFICATIONS

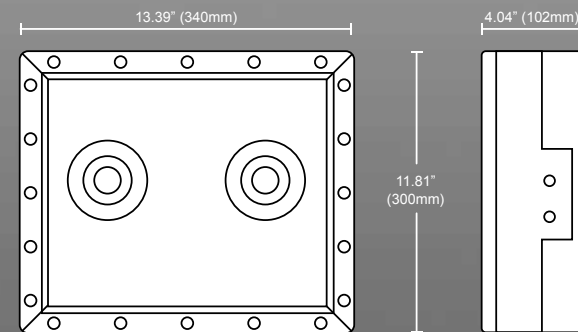
Voltage Range:	90-305VAC, 50-60Hz, 127 - 431VDC
Light Output:	11,500 Lumen
Beam Angle:	100 Degree
Operating Temp:	-40C - 70C
Storage Temp:	-40C - 80C
Color Temp:	Natural White, 4500K, 75 CRI
LED:	Bridgelux, Cree, Phillips
Environment:	IP65
Enclosure:	Machined Marine Grade Aluminum
Bracket:	304 Stainless Steel
Vent:	Gore Breather Valve
Wiring:	3 Wire
Wire Length:	6 Foot

Listings

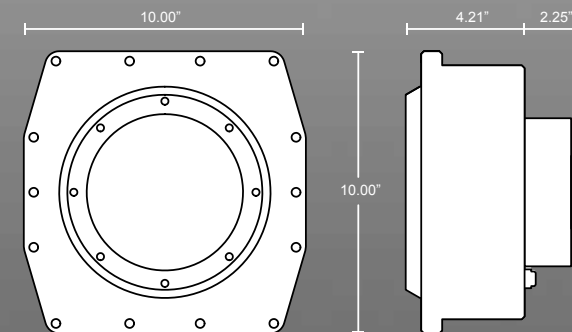
- Conforms to UL Standards 844 for use in hazardous locations
- Conforms to UL Standards 1598 Wet Location & NFPA
- Class I, Division 2, Groups A, B, C & D; T-code of 6
- Meets USCG Requirements
- Outside Type (Salt Water)



**CLASS I, DIVISION 2 LED FIXTURE
HAZARDOUS LOCATION LED FIXTURE**



Industrial Sealed LED Cooling Technology For Compact Design



EXTREME AREA LIGHT

LLB-60PC-31-10 & LLB-60PC-31-EX (Hazardous Certified)

The new Lunasea 180W Flood Light produces the 24,000 lumens that really light up the work area. All this in a compact size with stainless brackets. Designed to project useful light at great distances, utilizing premier optics and the newest LED modules available today. Designed to last! 70 degrees of ultra bright light that utilizes Lunasea's proprietary thermal control electronics to guarantee long life in harsh temperatures and environments.

APPLICATIONS

Designed to efficiently light corrosive and Hazardous applications such as chemical, petrochemical, marine, power generation, pharmaceutical or food processing plants.

SPECIFICATIONS

- Voltage Range:** 90-305VAC, 50-60Hz, 127 - 431VDC
- Light Output:** 24,000 Lumen
- Beam Angle:** 70 Degree
- Operating Temp:** -40C - 70C
- Storage Temp:** -40C - 80C
- Color Temp:** Natural White, 4500K, 75 CRI
- LED:** Bridgelux, Cree, Phillips
- Environment:** IP65
- Enclosure:** Machined Marine Grade Aluminum
- Bracket:** 304 Stainless Steel
- Vent:** Gore Breather Valve
- Wiring:** 3 Wire
- Wire Length:** 6 Foot

Listings

- Conforms to UL Standards 844 for use in hazardous locations
- Conforms to UL Standards 1598 Wet Location & NFPA
- Class I, Division 2, Groups A, B, C & D; T-code of 6
- Meets USCG Requirements
- Outside Type (Salt Water)

EXTREME DISTANCE

LLB-54xx-31-00

The Lunasea 80W Spotlight Light produces the most extreme intensity that goes the distance. The Brightest, Most Intense, Period! Designed to project useful light at great distances, utilizing premier optics and the most intense LED module available. The tight beam of light enables crisp, intense beam making it ideally suited to replace high power Metal Halide lights. Industrial cooling technology keeps temperature under control even in the worst conditions.

Configuration Legend

Replace "x" in part number to define lens beam angle (beam in degree spread).



SPECIFICATIONS

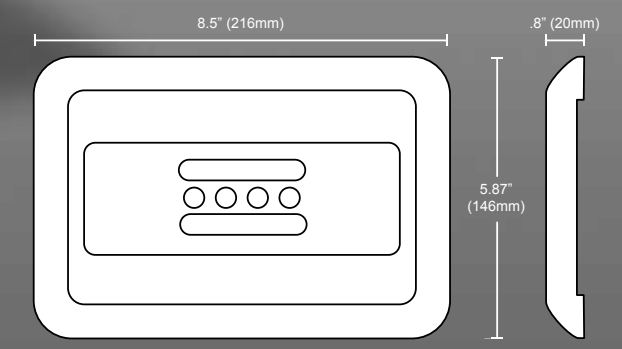
- Voltage Range:** 90-264VAC, 50-60Hz
- Light Output:** 10,000 Lumen
- Beam Angle:** Single (LLB-541x-31-00)
Double (LLB-542x-31-00)
- Operating Temp:** -35C - 70C
- Storage Temp:** -35C - 80C
- Color Temp:** Cool White, 75 CRI
- LED:** Phillips
- Environment:** IP67
- Enclosure:** Machined Marine Grade Aluminum
- Bracket:** 304 Stainless Steel
- Wiring:** 3 Wire
- Wire Length:** 6 Foot
- Weight:** Approx 12 lbs

LLB-541x-31-00

LLB-542x-31-00



Fixtures sold in single and dual configurations. Single power cable.

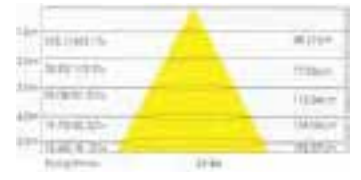


DISTANCE - 23 WATT

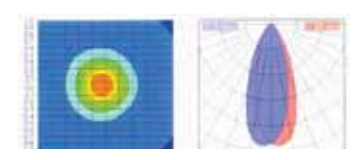
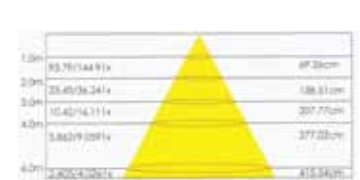
LLB-503x-91-00

Lunasea Extreme Beam Spot Light produces immense intensity within a compact stylish package. Versatile mounting and dimming capabilities offer the flexibility of long or short range use.

20 Degree



40 Degree



SPECIFICATIONS

- Voltage Range:** 10-40VDC MAX
- Input Current:** 12VDC - 1.9A
24VDC - 0.96A
- Light Output:** 2,100 Lumen
- Beam Angle:** 20 Degree (LLB-504N-91-00)
40 Degree (LLB-504W-91-00)
- Color Temp:** Cool White, 75 CRI
- LED:** Cree
- Environment:** IP67
- Enclosure:** Cast Aluminum Anodized & Urethaned
- Bracket:** 304 Stainless Steel
- Wire Length:** 6 Foot

FLOOD / ENGINE ROOM 15 WATT

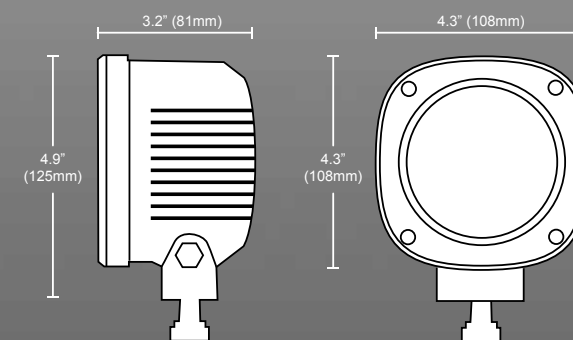
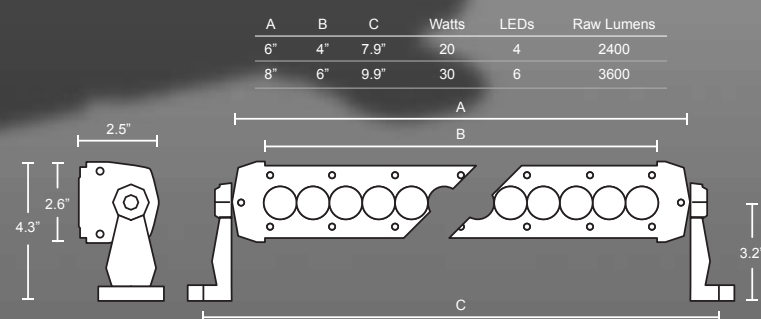
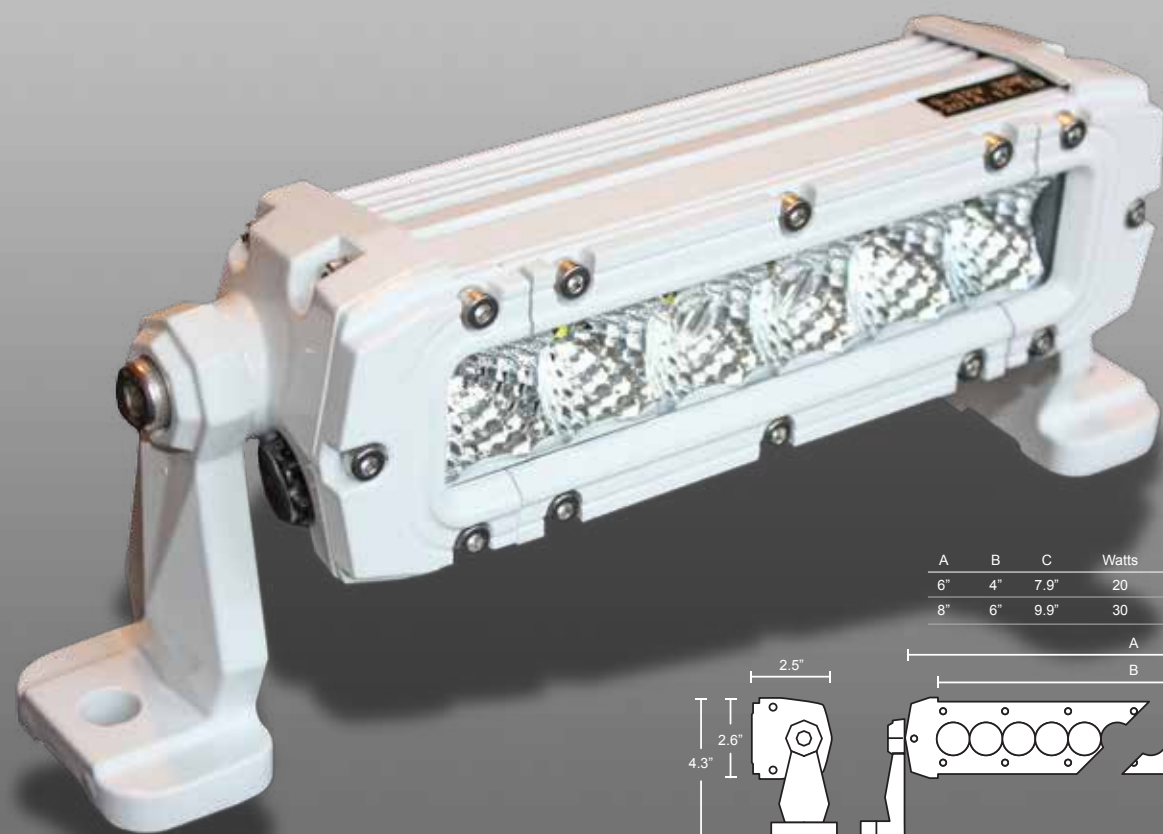
LLB-51W0-91-00

Lunasea Ignition Proof Light produces superior output with an easy on the eyes LED Bar Design. Versatile mounting and dimming capabilities and an IP67 Rating. Hard Anodized then White Urethaned for extreme durability.

SPECIFICATIONS

- Voltage Range:** 10-40VDC MAX
- Input Current:** 12VDC - 1.25A
24VDC - 0.625A
- Light Output:** White 1,400 Lumen / Red 456 Lumen
- Beam Angle:** 120 Degree
- Color Temp:** White - 4,000K, 75 CRI / Red 627 nm
- Environment:** IP67
- Enclosure:** Aluminum Hard Anodized & Bake Urethaned
- Wiring:** Two Wire / Three Wire
- Wire Length:** ~20 Inches
- Mounting:** 4 Screws, M4 x 14 or #8 x 1/2" screws

- LLB-51W-91-00 (White Only)
- LLB-51WR-91-00 (White / Red)
- LLB-51WB-91-00 (White / Blue)



20/30 WATT 2400/3600 LUMEN FLOOD

LLB-59Rx-82-00

Manufactured to withstand the harshest environments in the marine industry. Made with only the highest grade materials available that ensures LED lights that are resistant to water penetration, shock and vibration. These lights have been tested being thrown off a three story building and run over by a truck. This light will continue to produce excellent working light in the worst of conditions.

SPECIFICATIONS

Voltage Range: 10-36VDC MAX

LLB-59R4-82-00

Input Current: 12VDC - 1.67A, 24VDC - 0.84A

Light Output: 2,400 Lumen

LLB-59R6-82-00

Input Current: 12VDC - 2.5A, 24VDC - 1.25A

Light Output: 3,600 Lumen

Beam Angle: 35 Degree

Color Temp: 6000K White

LED: Cree

Environment: IP68

Operating Temp: -40C to 130C

Enclosure: Cast Aluminum Anodized & Urethaned

35 WATT 4200 LUMEN FLOOD

LLB-59R3-82-00

Manufactured to withstand the harshest environments in the marine industry. Made with only the highest grade materials available that ensures LED lights that are resistant to water penetration, shock and vibration. These lights have been tested being thrown off a three story building and run over by a truck. This light will continue to produce excellent working light in the worst of conditions.

SPECIFICATIONS

Voltage Range: 10-32VDC MAX

Input Current: 12VDC - 2.92A, 24VDC - 1.46A

Light Output: 4200 Lumen

Beam Angle: 35 Degree

Color Temp: 6000K White

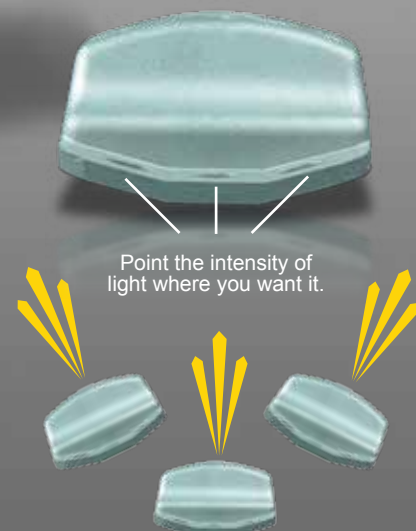
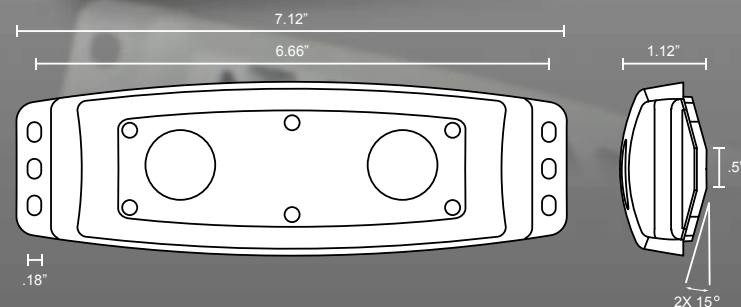
LED: Cree

Environment: IP68

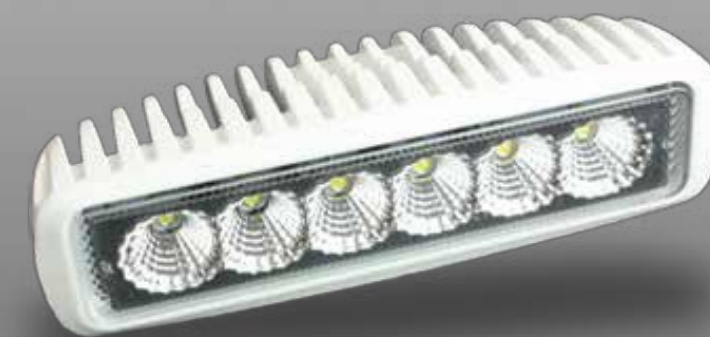
Operating Temp: -40C to 130C

Enclosure: Cast Aluminum Anodized & Urethaned

Bracket: Stainless



Fixture Not Included



11 WATT 1100 LUMEN SPREADER/ AREA

LLB-472W-21-10

Now a spreader light that delivers. Designed for distance, engineered for quality. We have taken two of the brightest single point light source LEDs and married them with a lens that puts the light where you want it, on your boat! Most spreader lights cast a large quantity of light outside your boat while other LED's spreader lights focus the little intensity they have on small areas. The Lunasea spreader light offers up a whopping 1100 lumens of light and focuses it from bow to stern. When the polarity is swapped on the power the light dims down. 11 watts of power!

SPECIFICATIONS

- Voltage Range:** 10-40VDC MAX
- Input Current:** 12VDC - .95A, 24VDC - .49A
- Light Output:** Hi 1100 Lumen / Low 550 Lumen
- Color Temp:** White - 4500K, 75 CRI
- LED:** Cree
- Environment:** IP67
- Enclosure:** Cast Aluminum Alodined & Bake Urethane
- Wire Length:** 8 inches
- Mounting:** #8 or M4 Screws
3-offset by 5 degrees forward or aft

13 WATT REPLACEMENT FOR SEALED BEAM

LLB-55NN-81-10

The new Lunasea Spreader/Foredeck LED offers superior light output, long life and requires only 13W of power. It's 38 degree beam places the light where you want it. Replaces 50W sealed beam with extra light to spare having the equivalent light output of 75W.

SPECIFICATIONS

- Voltage Range:** 12-24VDC Systems
- Input Current:** 12VDC - 1.08A, 24VDC - .54A
- Light Output:** 850 Lumen
- Color Temp:** White - 4000K, 75 CRI
- LED:** Cree
- Environment:** IP67
- Enclosure:** Encapsulated
- Mounting:** Includes Silicon Gasket

15 WATT 1080 LUMEN FLOOD

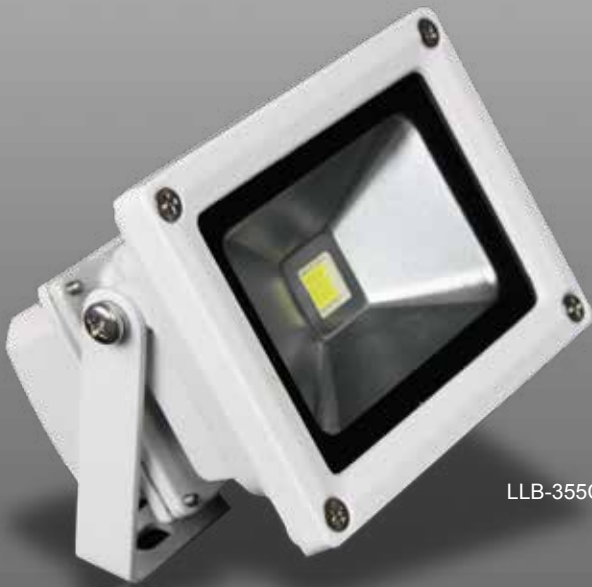
LLB-47FW-82-00

The Lunasea 15W Utility Flood Light produces 1250 lumens. All this in a compact size with stainless brackets. Designed to project useful work area light that gets the job done. 60 degrees of bright light.

SPECIFICATIONS

- Voltage Range:** 10-32VDC MAX
- Input Current:** 12VDC - 2.92A, 24VDC - 1.46A
- Light Output:** 1250 Lumen
- Beam Angle:** 60 Degree
- Color Temp:** 6000K White
- Environment:** IP65
- Operating Temp:** -30C to 70C
- Enclosure:** Cast Aluminum Anodized & Urethaned
- Bracket:** Stainless
- Dimensions:** 159.5 X 63 x 47.5mm

ECONOMY



LLB-355C-x-10



LLB-35MC-x-10

10 / 50 WATT 900 / 4500 LUMEN FLOOD

LLB-35xC-x1-10

SPECIFICATIONS

Enclosure: Cast Aluminum / White Urethane
Stainless Bracket

Dimensions: 86mm H X 114mm W x 89mm D

LLB-355C-01-10

Power: 10 Watt
Voltage Range: 12-28VDC
Output: 900 Lumen

LLB-335C-51-10

Power: 10 Watt
Voltage Range: 85-265VAC
Output: 900 Lumen

This second-generation Lunasea LED flood light is environmentally friendly, mercury-free, lead-free and energy efficient. It will crank out bright light for more than 50,000 hours. Anodized die-cast aluminum with baked urethane finish and 304 stainless brackets offer superb corrosion resistance.

Dimensions: 235mm H X 286mm W X 146mm D

LLB-35MC-01-10

Power: 50 Watt
Voltage Range: 12-28VDC
Output: 4500 Lumen

LLB-35MC-51-10

Power: 50 Watt
Voltage Range: 85-265VAC
Output: 4500 Lumen