



DESCRIPTION

The LightSource® LED I-Frame Series of fixtures is designed to quickly and easily replace existing High-intensity Discharge, T8 and T5 fluorescent fixtures. Patent-pending thermal management ensures 100,000 hour life expectancy and lumen maintenance.

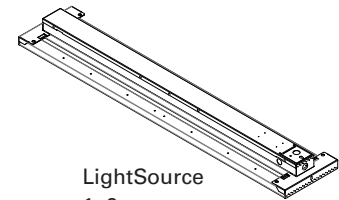
Lightweight and easily installed by one person. Constructed of commercially pure aluminum with a durable, composite polyester exterior finish. Black is standard for optimal thermal transfer.

Options for controls, sensors, power supplies, surge protection, 480V, battery backup, lenses, fixture color and mounting.



SPECIFICATIONS

| | LS106 | LS212 |
|--|--|----------|
| Lumens: | 6,507 | 14,683 |
| Wattage: | 60 | 105 |
| Arrays: | 1 | 2 |
| Weight: | 4.00 lbs | 4.25 lbs |
| Dimensions: | L 46.102" x H 3.068" x W 9.910" | |
| Listed/Rated: | UL | UL, DLC |
| DLC Model # | LS212-UNCL-40xx, LS212-UNCL-50xx, LS212-UNF1-40xx, LS212-UNF1-50xx, LS212-UNNL-40xx, LS212-UNNL-50xx | |
| Color Temp: 5000K | | |
| CRI: >82 | | |
| Line Voltage: Universal 120-277V. 480V option. | | |
| Power Supply: Hardwire standard. Includes internal quick connect to easily accommodate straight blade, metal clad, twist lock. Can accommodate Winsta (WAGO), ReLoc and Mate-N-Lok. | | |
| Surge Protection: Integrated 2.5kV transient voltage protection. External 10kA surge protection option. | | |
| Ambient Operating Temperature: -30° to 50° C / -22° to 122° F (Note: LS310 -30° to 55° / C- 22° to 131° F) | | |
| Environment: Damp rated | | |
| Lens: Frosted is standard. Non-glare optical grade Acrylic, resists common airborne water-based solvents. Other options available. | | |
| Mount: 10 ft. Adjustable hangers included. Pendant, Flush mount options. | | |
| Warranty: 10-year Standard Limited | | |
| Manufacturer: Genesis Energy Technology | | |



LightSource
1, 2-arrays.

AMERICAN
INNOVATION



Designed & Built in USA

Product specifications subject to change without notice.



*Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

LightSource® LED I-Frame Series

ORDERING INFORMATION

EXAMPLE: **LS212-UNNL-50BL-NSHW-MSX-A10** Lead times and costs may vary depending on options selected. Consult your sales representative for more information. Standard configuration highlighted in Gray.

| LS | | UN | | | | | | | | |
|-----------------|--|---------------------|--|--------------------------------------|--------------------------------------|---|---|---|---|--|
| Model | Arrays Wattage <small>(old code)</small> | Voltage | Optics | Color Temp | Fixture Color | Surge | Power Supply | Motion Sensor | Mounting | |
| LS: LightSource | 106: 1-array 60W <i>(06T)</i> 212: 2-array 105W | UN: 120-277V | NL: No Lens F1: Frosted Lens CL: Clear Lens | 50: 5000K 40: 4000K | BL: Black WH: White | NS: 2.5kV int. WS: 10kA ext. | HW: Hardwire S4: Side 4-pin Winsta SM: Side Mate-N-Lok BB: Battery backup ¹ | MSX: No Sensor MS1: 5 min/5hr MS2: 15 min/5 hr MS3: 30 min/5 hr MS4: 5 min/1 hr MS5: 15 min/1 hr MSC: Custom | A10: 10' Adj. cables NHH: None | |

Specifications subject to change without notice.
¹ Only for 120-277V Hardwire configuration.

Power Supplies

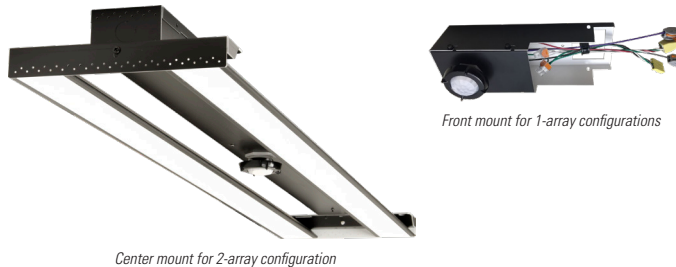
Integrated quick connect to easily accommodate:

- Straight Blade
- Metal Clad
- Twist lock
- Winsta (WAGO)
- Mate-N-Lok
- ReLoc



Controls/Sensors

Motion sensors, ambient light sensors and timing controls are available to further improve your savings and increase the life expectancy of the fixture.



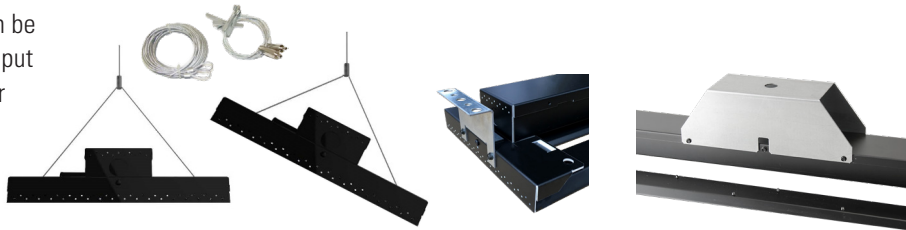
Center mount for 2-array configuration

Front mount for 1-array configurations

Mounts

The standard hanging cable can be adjusted to angle the fixture to put more light where needed. Other mounting options are:

- Flush/Rigid bracket
- Pendant bracket



Battery Backup

External battery pack attaches directly onto the fixture. Not available in 480V.

Lens

Optical options:

- Frosted
- Clear
- Polycarbonate



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www.energybankinc.com

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