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## GM Lighting ILS-S150B-SS Irradiar Transformers



## PRODUCT OVERVIEW

The Irradiar Transformers by GM Lighting are high-performance transformers designed to provide reliable power for landscape lighting systems. Housed in water-resistant, outdoor-rated cases for long-lasting protection, these transformers offer a variety of manual and electronic timer options and a single photocell sensor for automated operation. Engineered for durability and convenience, they ensure consistent and safe power delivery, making them essential for maintaining the performance and longevity of your outdoor lighting installations.

**SPECIFICATIONS**

- **ELECTRICAL**
  - 150W, 300W, 600W Versions
  - 120Vac input
  - 12Vac nominal output (Multi-tap voltages)
- **CERTIFICATION**
  - cETLus
  - Outdoor Rated
  - IP65

**FEATURES**

- 304 Stainless steel case
- Sealed toroidal transformer construction
- Receptacle for timer or control
- Accepts photocell

**ORDERING INFORMATION**

<b>Product No.</b>	<b>Watts</b>	<b>Voltage</b>
<b>ILS-S150B-S</b>	150W	120Vin, 12/13/14/15Vout
<b>ILS-S300B-S</b>	300W	120Vin, 12/13/14/15/17/18/22Vout

<b>ILS-S600B-S</b>	600W (2X300W)	120Vin, 12/13/14/15/17/18/22Vout
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**Derating factor:** 80% max load

**COMPATIBLE CONTROLS AND WIRING ACCESSORIES**

<b>Product No.</b>	<b>Description</b>
<b>ILS-C110</b>	120V Photocell control for plug
<b>ILS-C100D</b>	Digital Timer for plug in control use
<b>ILS-C100M</b>	Mechanical Timer for plug in control use



Photocell Sensor

**LS-C110**



Product No.	Description
<b>ILS-W1020-100</b>	ILS Wire 10/2 100FT SPT-1W Direct Burial Wire
<b>ILS-W1020-250</b>	ILS Wire 10/2 250FT SPT-1W Direct Burial Wire
<b>ILS-W1020-500</b>	ILS Wire 10/2 250FT SPT-1W Direct Burial Wire
<b>ILS-W1220-100</b>	ILS Wire 12/2 100FT SPT-1W Direct Burial Wire
<b>ILS-W1220-250</b>	ILS Wire 12/2 250FT SPT-1W Direct Burial Wire

<b>ILS-W1220-500</b>	ILS Wire 12/2 500FT SPT-1W Direct Burial Wire
<b>ILS-W1420-100</b>	ILS Wire 14/2 100FT SPT-1W Direct Burial Wire
<b>ILS-W1420-250</b>	ILS Wire 14/2 250FT SPT-1W Direct Burial Wire
<b>ILS-W1420-500</b>	ILS Wire 14/2 500FT SPT-1W Direct Burial Wire
<b>ILS-W1620-100</b>	ILS Wire 16/2 100FT SPT-1W Direct Burial Wire
<b>ILS-W1620-250</b>	ILS Wire 16/2 250FT SPT-1W Direct Burial Wire
<b>ILS-W1620-500</b>	ILS Wire 16/2 500FT SPT-1W Direct Burial Wire
<b>ILS-WC206-10</b>	Low Voltage 6-22 AWG Connectors (10 Pack/Bag)
<b>ILS-WC206-100</b>	Low Voltage 6-22 AWG Connectors (100 Jar)
<b>ILS-WC208-10</b>	Low Voltage 8-22 AWG Connectors (10 Pack/Bag)
<b>ILS-WC208-100</b>	Low Voltage 8-22 AWG Connectors (100 Jar)
<b>ILS-WC210-10</b>	Low Voltage 10-22 AWG Connectors (10 Pack/Bag)
<b>ILS-WC210-100</b>	Low Voltage 10-22 AWG Connectors (100 Jar)
<b>ILS-WC212-10</b>	Low Voltage 12-22 AWG Connectors (10 Pack/Bag)
<b>ILS-WC212-100</b>	Low Voltage 12-22 AWG Connectors (100 Jar)



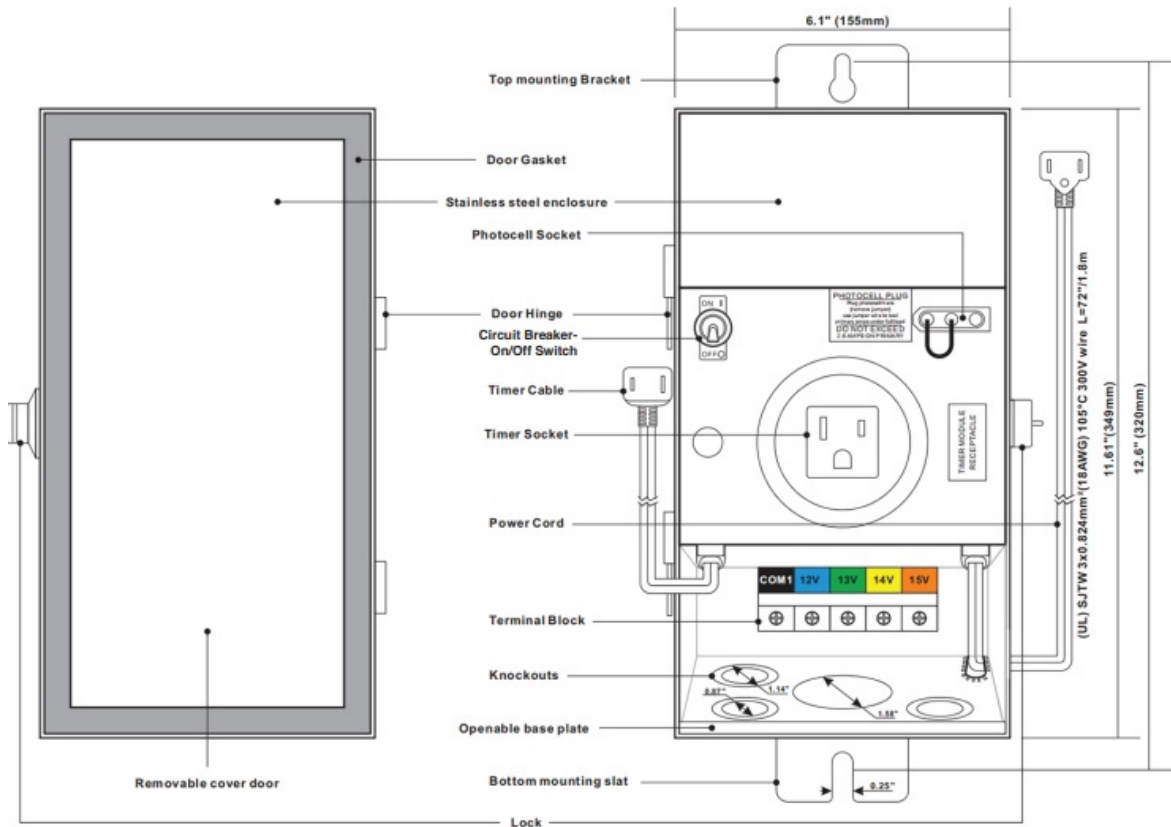
AWG Wire Connector

ILS Wire	Silicone gel filled <b>ILS-WC206-XX</b>
<b>ILS-W1XXX-100</b>	<b>ILS-WC208-XX</b>
<b>ILS-W1XXX-250</b>	<b>ILS-WC210-XX</b>
<b>ILS-W1XXX-500</b>	<b>ILS-WC212-XX</b>

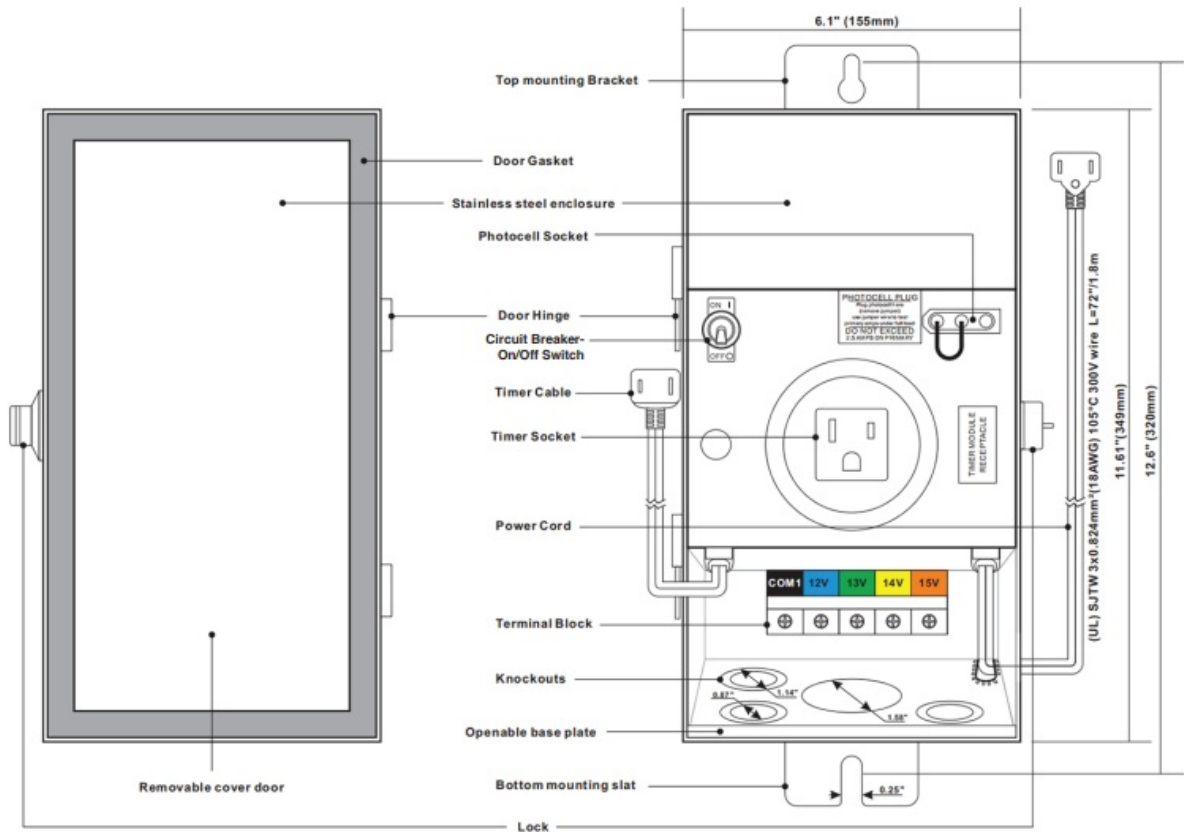
See separate specificatin sheet for control details

### DIMENSIONS

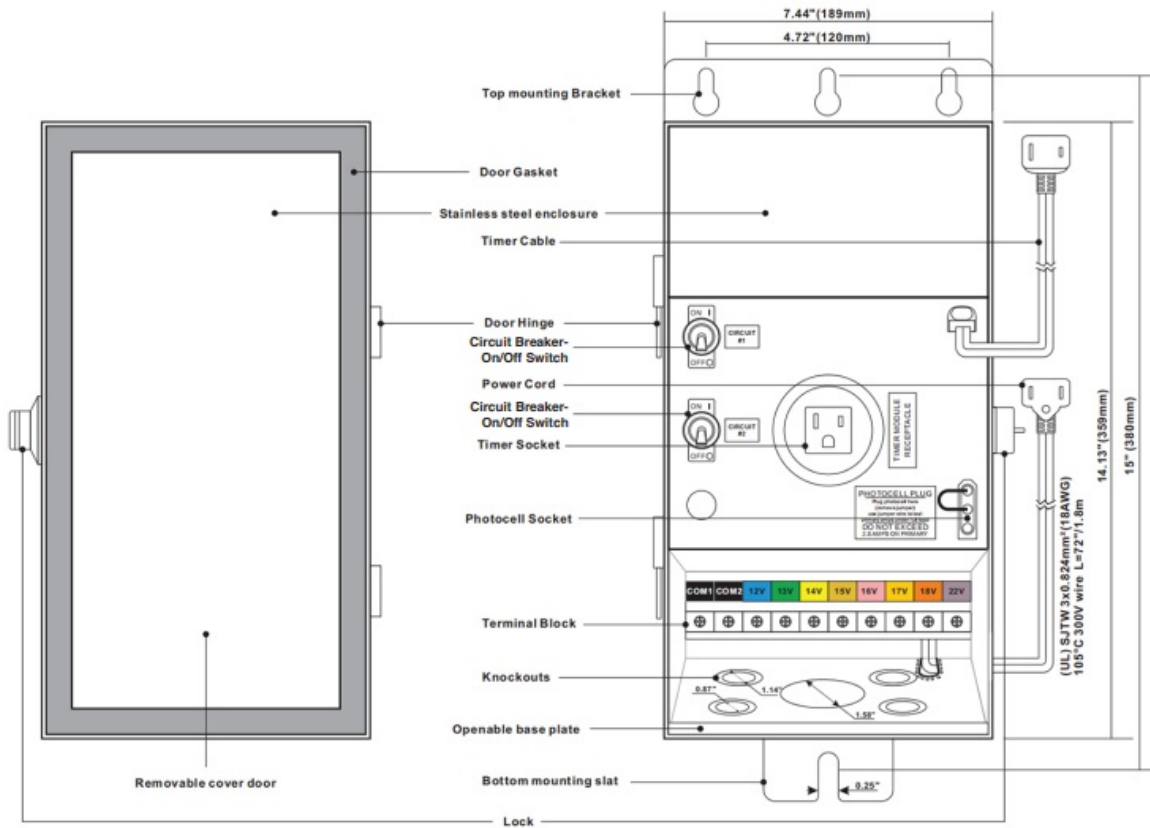
- ILS-S150B-SS



- ILS-S300B-SS



• ILS-S600B-SS



WARRANTY



- 10 years (visit: [gmlighting.net/warranty](http://gmlighting.net/warranty))
- ©2025 GM LIGHTING, LLC, [gmlighting.net](http://gmlighting.net), Specifications subject to change without notice 18700 Ridgeland Ave., Tinley Park, IL 60477
- **Toll-Free:** [866-671-0811](tel:866-671-0811) **FAX:** [708-478-2640](tel:708-478-2640) • [tech@gmlighting.net](mailto:tech@gmlighting.net)

## FAQ's

### Q: What is the GM Lighting ILS-S150B-SS transformer used for?

A: It is used to power GM Lighting's low-voltage lighting systems, providing stable and safe electrical conversion.


### Q: Can I install the transformer outdoors?

A: Yes, but it must be placed in a suitable weatherproof enclosure to protect it from moisture and extreme temperatures.

### Q: What is the input voltage for this transformer?

A: It operates on standard household AC voltage (typically 120V).

## Documents / Resources

	<p><a href="#">GM Lighting ILS-S150B-SS Irradiar Transformers [pdf] Installation Guide</a> ILS-S150B-SS, ILS-S300B-SS, ILS-S600B-SS, ILS-S150B-SS Irradiar Transformers, ILS-S150B-SS, Irradiar Transformers, Transformers</p>
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## References

- [User Manual](#)

GM Lighting

GM Lighting, ILS-S150B-SS, ILS-S150B-SS Irradiar Transformers, ILS-S300B-SS, ILS-S600B-SS, Irradiar Transformers, TRANSFORMERS

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