

LIGHTLINK™

LL-101-04 Setup Guide

i2Systems
ADVANCED LED LIGHTING

WELCOME

Thank you for purchasing an i2Systems® LightLink™ LL-101-04. To get started, we recommend the following:

- Carefully follow the step-by-step instructions in the following pages. Please note that LL-101-04 dimming modules are for use ONLY with i2Systems E06E Power Boxes.

CAUTION

Wiring with power on may result in personal injury. Damage to this product caused by wiring with power on voids warranty. Make all connections prior to applying power. Read all instructions prior to installation. To reduce the risk of fire, burns, or injury, use lights only in the manner intended by i2Systems. Should you have questions regarding your installation, please contact i2Systems before applying power. Product should be installed by a licensed electrician.

PLEASE

- When installing or servicing the LightLink, be sure to disconnect the circuit prior to beginning work. Care must be provided when making connections.
- Proper safety equipment including eye protection should be worn, and proper safety precautions should be taken.
- Connect to a properly grounded branch circuit protected by a circuit breaker or fuse.
- Never wire directly to a battery or unprotected power source without proper circuit protection installed.
- Always use i2Systems and/or i2Systems recommended electrical components.
- Never leave exposed wiring without using a suitable wire nut or connector when making a connection to an electrical circuit.
- Never exceed the maximum voltage ratings. Failure to comply will damage the LightLink.
- Dry / damp location only. Never submerge the LightLink module in any liquid or install where liquid will collect, pool, or puddle.

Questions? Contact i2Systems:

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POWER INPUT

PARAMETER	NOTES	MIN	TYP	MAX	UNITS
Absolute Maximum Ratings					
Input Voltage (DC)	Continuous	0		40	Vdc
Input Current				50	mAdc
Operating Ambient Temperature		-20		50	°C
Storage Ambient Temperature		-20		70	°C
Input Characteristics					
Operating Input Voltage (DC)		6	12/24	36	Vdc
Input No Load Current			20		mAdc

Conditions:

TA = 25°C Cooling: Convection
 Load = Maximum Load Vin = 24Vdc

CONNECTIONS:

- DC Source: +DC to Vin (red) | DC Common to Common (black)

INSTALLATION & OPERATION

INSTALLATION: The LL-101-04 is for use only with i2Systems E06E Power Boxes.

1. Disconnect E06E Power Box from power source.
2. Open E06E Power Box cover, locate LL-101-04 mounting location and connector.
3. Verify that the Battery Enable switch is in the Off Position.
4. Remove adhesive backing from the LL-101-04 and install in the designated area.
5. Plug the LL-101-04 connector into the 8-position connector within the Power Box.
6. If you have not already connected your i2Systems lights, please do so now.
 - If your lights have 3 wires, connect the Dim wire to the yellow terminal block.
 - If your lights have 4 wires, connect the Dim wire to the yellow terminal block AND the Isolated Ground wire to the negative terminal block within the power supply enclosure.
7. Reconnect power to the E06E Power Box.
8. Move the Battery Enable switch to the On Position.
9. Test the battery system by briefly pressing the Battery Test switch located on the side of the E06E box. Test the dimming by pressing and holding the dimming switch as detailed below.
10. Allow the system to charge for up to 24 hours prior to emergency use.

DIMMING OPERATION: Press and hold momentary switch to initiate dimming cycle. Dimming cycle continues to dim as long as switch is engaged, ranging from 100% to approximately 5% intensity, holding 2 seconds at 100% and 5% positions before dimming in the opposite direction. Briefly press and release momentary switch for on/off operation at the selected level. Dimming is non-linear.

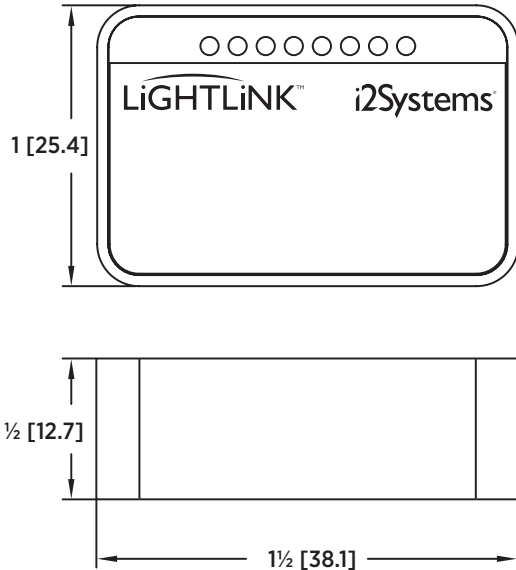
In the case of a power outage, upon recovery, the LL-101-04 will power on and return to its previous state. Depending on the dim level of the previous state, connected lights may exhibit a flash at power up - this is normal.

SIDE VIEW



DIMENSIONS

Inches [MM] - Drawing shown full size



WARRANTY

i2Systems warrants that the product is free from defects in material or workmanship under normal operation. i2Systems' standard warranty is 12 months from the date of shipment to the customer. Any replacement parts furnished at no cost to the customer in fulfillment of this warranty are warranted only for the unexpired portion of the original warranty. Any services or repair outside the scope of this limited warranty shall be at i2Systems' rates and terms then in effect.

I2SYSTEMS WILL NOT BE LIABLE FOR ANY DAMAGE, LOSS, COST OR EXPENSE FOR BREACH OF WARRANTY EXCEPT AS DESCRIBED ABOVE. I2SYSTEMS' LIABILITY SHALL BE LIMITED TO REPAIRING OR REPLACING DEFECTIVE PRODUCTS ONLY AND SHALL NOT BE LIABLE FOR COSTS ASSOCIATED WITH REPLACING DEFECTIVE PRODUCT.

Normal "Wear and Tear" as determined by i2Systems is NOT covered by this warranty. For units returned in warranty and determined to be customer responsibility, i2Systems customer service will notify the customer. i2Systems is not responsible for damages outside our control including, but not limited to, physical damage, modifications to the product, or improper packaging. If product to be repaired was purchased from a dealer, distributor, or reseller, the product must be returned to the seller.

Additional warranty and returns information is available at i2Systems.com

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