intelligent
lighting controls
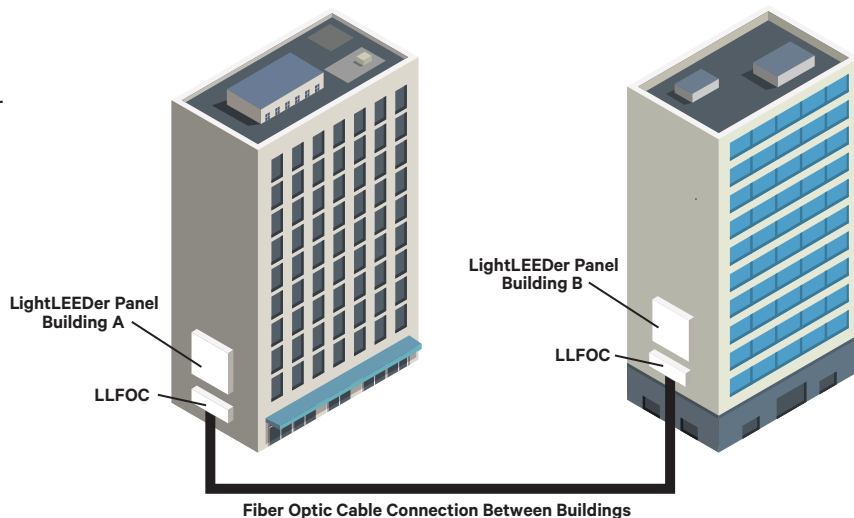
www.ilc-usa.com

Light**LEED**er | Fiber Optic Converter

Overview

The LightLEEDer Fiber Optic Converter (LLFOC) provides a safe and convenient conversion to fiber cable when linking buildings on a campus or a site with multiple remote buildings. Fiber cable is safe for underground installation where water or light-ning damage is possible. The LLFOC is a data line converter for RS485 to FO and will support LightLEEDer panel communications or LightSync switch communications.

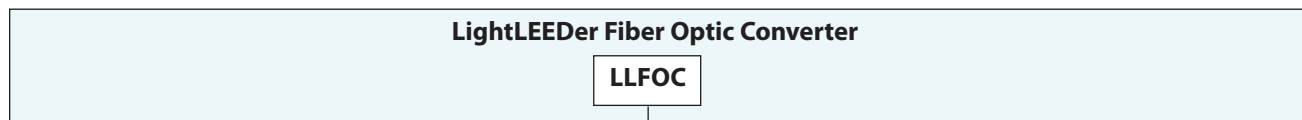**Fiber Optic Cable Connection Between Buildings**

Features

- Safe for underground data cable installations
- Converts digital CAT5 to fiber optic
- Supports 2-way communication over fiber optic
- Networking connection for multi-building sites
- Extends distance of data over fiber
- Remote mount enclosure and power supply included
- Supports FO distance up to 1200 meters

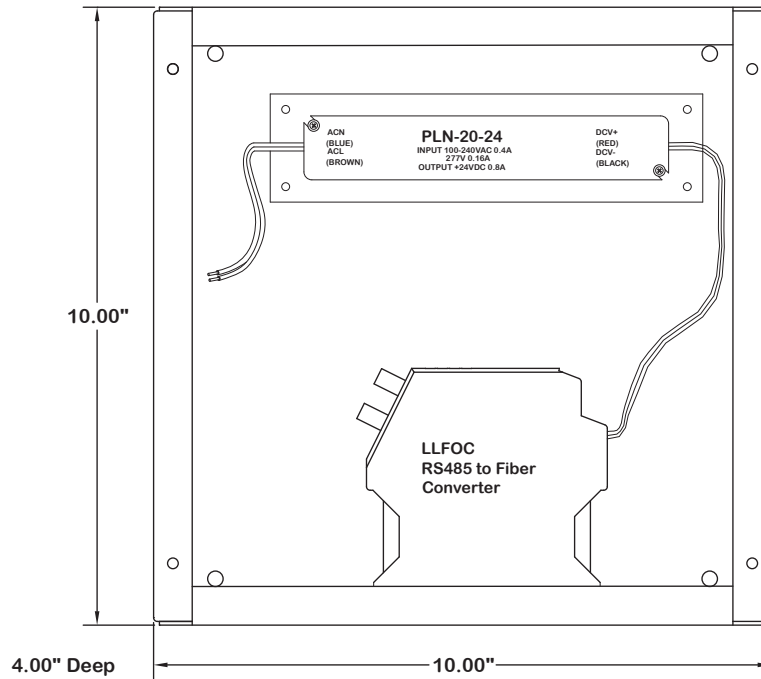## Warranty

One Year Limited Warranty

Ordering

LightLEEDer Fiber Optic Converter

LLFOC

Series:
LightLEEDer Fiber
Optic Converter

Note: Required in sets of two

LLFOC Rev.A

intelligent
lighting controls

Light**LEED**er	Fiber Optic Converter

Physical

ACN
(BLUE)
ACL
(BROWN)

PLN-20-24
INPUT 100-240VAC 0.4A
277V 0.16A
OUTPUT +24VDC 0.8A

DCV+
(RED)
DCV-
(BLACK)

LLFOC
RS485 to Fiber
Converter

10.00"

4.00" Deep

10.00"

Specifications

Physical:
• 10" W x 10" H x 4" D, NEMA 1 enclosure provided
• Din Rail mounted FOC
• Screw cover
• Power Supply provided
• Fiber converter for one RS485 data line
• HCS/glass fiber (multimode) cable 850nm
• B-FOC (ST®) quick connection

Electrical:
• 0.5A, 100-277VAC
• Output Voltage: 24VDC@130mA

Operating Environment:
• Location: Interior space
• Operating Temp.: 0° to 50° C
• Humidity: 10% - 90% Non-condensing
• Atmosphere: Non-explosive/corrosive
• Vibration: Stationary

Certifications and Approvals:
• FCC Part 15
• UL, CUL