EN1-EG2S

iLight Network - Ethernet Gateway - Controls Enclosure

Key Features

- Connects iLight's iCANnet™ network Ethernet/LAN

- Configurable IP address

- Facilitates Ethernet connection into iCANnet™

- Scheduled events with time clock supporting multiple time zones, regional daylight savings and NTP if required.

- iCAN network bridging over IP

- Connection for commissioning and monitoring of an iCAN network

- All metal construction

- Lockable hinged door

- Front panel and door ventilation

- CE & UKCA compliant to all relevant standards

- Designed and manufactured to IS09001 standard

Overview

The EN1-EG2S provides Ethernet connectivity to the iCAN network for integration into our software services as well as providing a dedicated iLight API for higher complexity data integration.

EN1-EG2S incorporates an intelligent bridge function which allows multiple systems to be joined over a secure Ethernet network opening up the capabilities of the iCAN system to cover multi-campus installations across the globe giving building and business owners connectivity to there systems from anywhere in the world.

The compact design of EN1-EG2S delivers system flexibility as well as reducing installation costs and space used. Being part of the iLight system, it can be seamlessly integrated into flexible lighting schemes with any type of lighting load for commercial, architectural and residential applications.

The knockouts to the top of the enclosure have been designed to line up with any of the original iLight source controllers making replacement quick and easy in a retrofit environment.

A dedicated knockout is provided for iCANnet connection to the EN1-EG2S and several accessories are available to aid the installer in connection of the iCANnet™ network.

Mechanical Data

Weight: 3.8 kg

Mains Cable Access:
6 x 25.5mm/M25 knockout & 1 x 38.3mm/PGx knockout

Control Cable Access:
1 x 25.5mm/M25 knockout

Climate Range:
Temperature: +2ºC to +50ºC
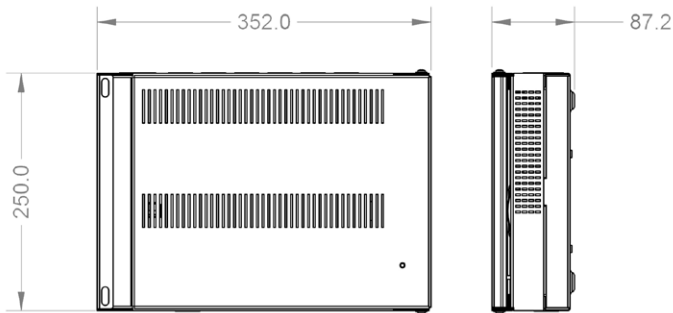Humidity: +5 to 95% non condensing

Accessories

The optional landing card provides connection of the iCANnet™ Network to the internal panel network and a point of disconnection. M4 Threaded posts are provided as standard to support the installation of this optional card.

ENACC-LND-INT - iLight DIN Rail Enclosure - iCANnet Landing Card

ENACC-PRG-INT - iLight DIN Rail Enclosure - iCANnet Programming Port

Electrical Data

Supply: 230 volts -/+ 10% 50/60 Hz

Protection: 6A MCB

Integral iLight Network Power Supply: 15V 500mA

Terminal Size:
Neutral: 2 x 25mm^2 & 13 x 16mm^2
Earth: 2 x 25mm^2 & 13 x 16mm^2
iCANnet™ cable size: 5 x 1mm^2
Power cable size: 2 x 1mm^2

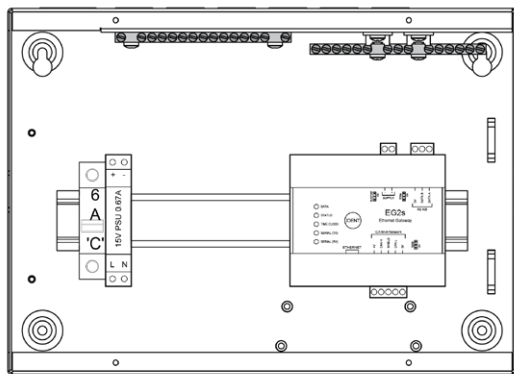**Installation:** Installation must be carried out by a suitably qualified electrician.

Control Data

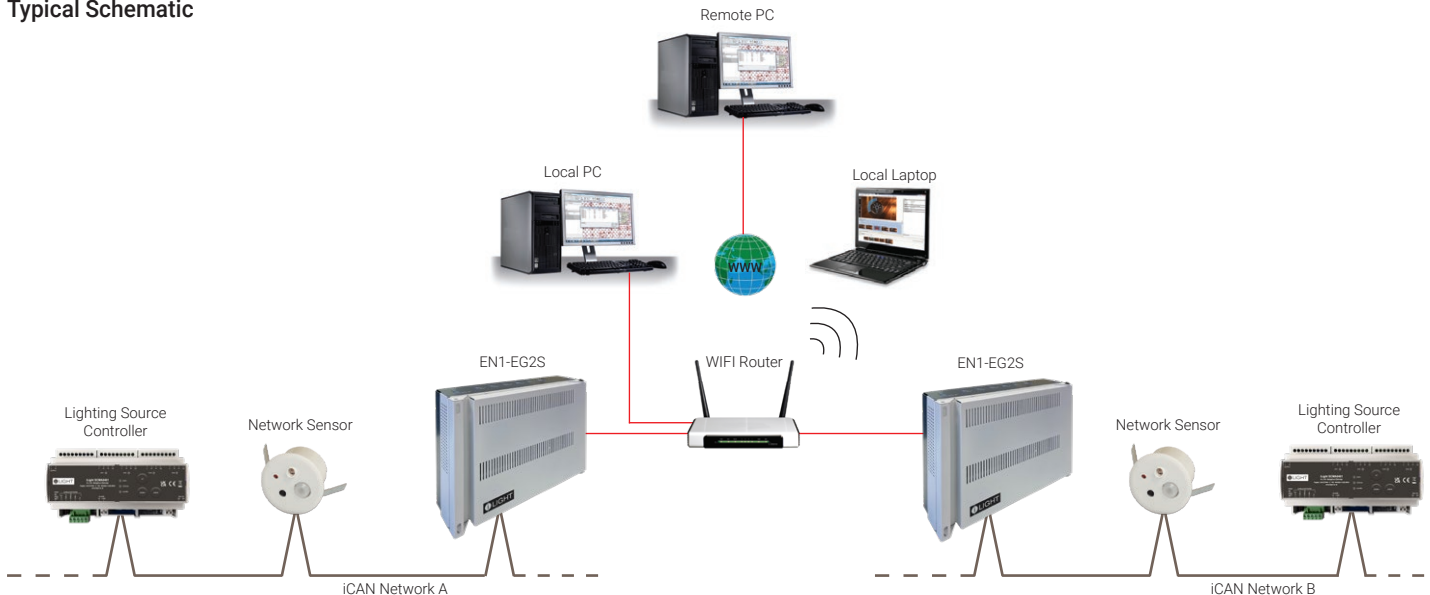**Control:** Via iLight network connection or Ethernet
Recommended Network Cable: iCANnet™ Network Cable
Programming: Via Device Editor software

Dimensions

Internal View

Typical Schematic

UKCA

CE

bsi ISO 9001 Quality Management Systems CERTIFIED FM 727924