

## Cooper Lighting Solutions

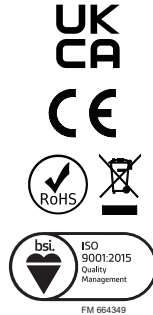
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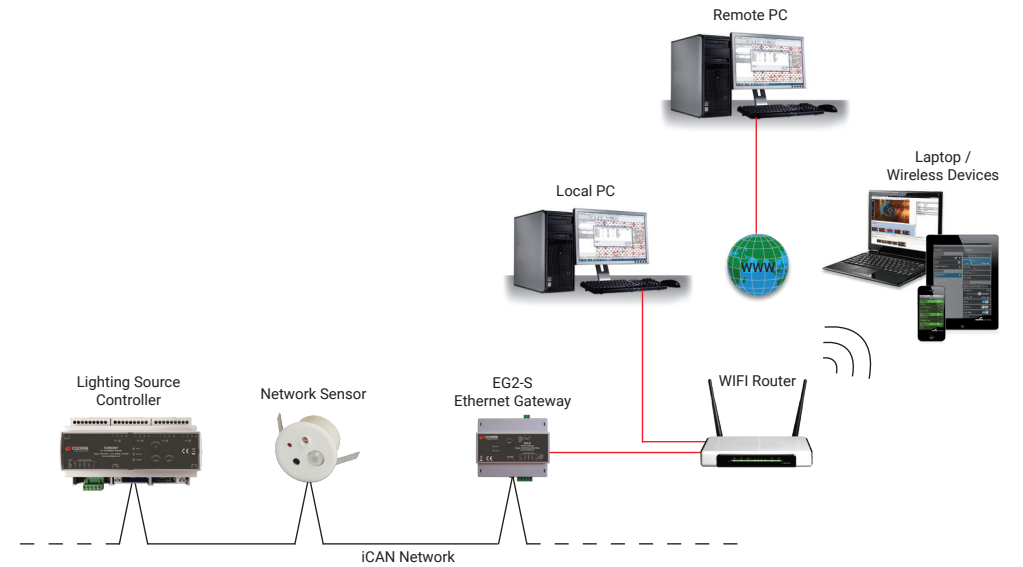
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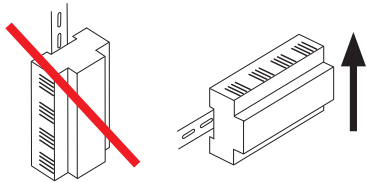
## EG2-S Ethernet Gateway



## Typical Schematic



## Mounting & Installation

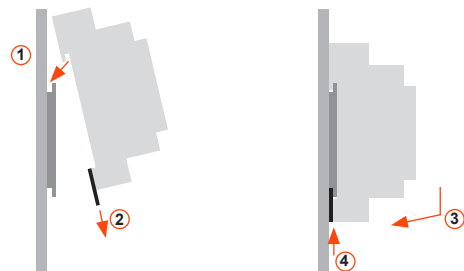


**EG2-S must be mounted in a suitable enclosure to provide regulatory protection from electric shock hazard as well as protecting the iCANnet data network from tampering that could lead to reduced network security.**

**Ensure selected enclosure provides adequate cooling ventilation.**

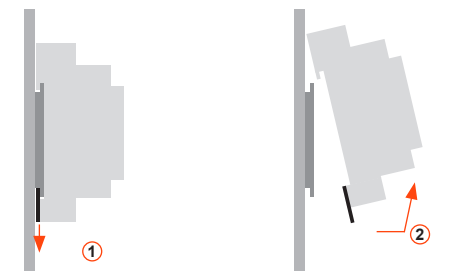
### Fixing to DIN rail

1. Fix top clips over DIN rail.
2. Pull down bottom clip using screwdriver.
3. Close module towards DIN rail.
4. Push up bottom clip to fix securely to DIN rail.



### Removing from DIN rail

1. Pull down bottom clip with screwdriver.
2. Lift module away from DIN rail.



## Technical Data

### Electrical & Mechanical

Control: Via iLight network connection  
Supply: +10 - 24V DC @ 750 mA Max (via external power supply)  
Terminal Size: iCANnet cable size: 5 x 1mm<sup>2</sup>. Power cable size: 2 x 1mm<sup>2</sup>  
Protection: Provided by installer  
Recommended Cable: iCANnet Network Cable  
Ambient temperature: 2°C – 50°C  
Relative humidity: 5% - 95% max, non-condensing  
IP rating: IP20  
Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.  
Dimensions: 106mm (w) x 91mm (h) x 62mm (d)  
Weight: 0.22kg

### Software

For programming EG2-S, Device Editor software is required.  
Please consult your iLight representative for latest versions.

# EG2-S

Ethernet Gateway

## Device LEDs and Buttons

### Status LED

Green LED flashes – device OK

### Data LED

Red LED flashes when messages sent on network.

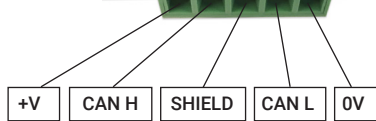
### Device Identification

Press and release switch.

Sending a message to identify the device on the network (red Data LED flashes)

## iCAN network wiring

Cable connections to the iCAN network are made to a removable 5-way connector block located on the EG2-S



Function	iCANnet Cable Colour
0V	Black
CAN L	Blue
Shield	Silver
CAN H	White
+V	Red

Maximum segment distance: 500m (1640 ft)  
 Devices per segment: 100 (without bridge or repeater)  
 Consult iLight for information on alternative cable types.

**IMPORTANT NOTE:** Connecting a mains potential cable to the iCAN Network terminals is likely to damage the unit and other devices connected, and invalidate warranty.

## Typical Connection Diagram

