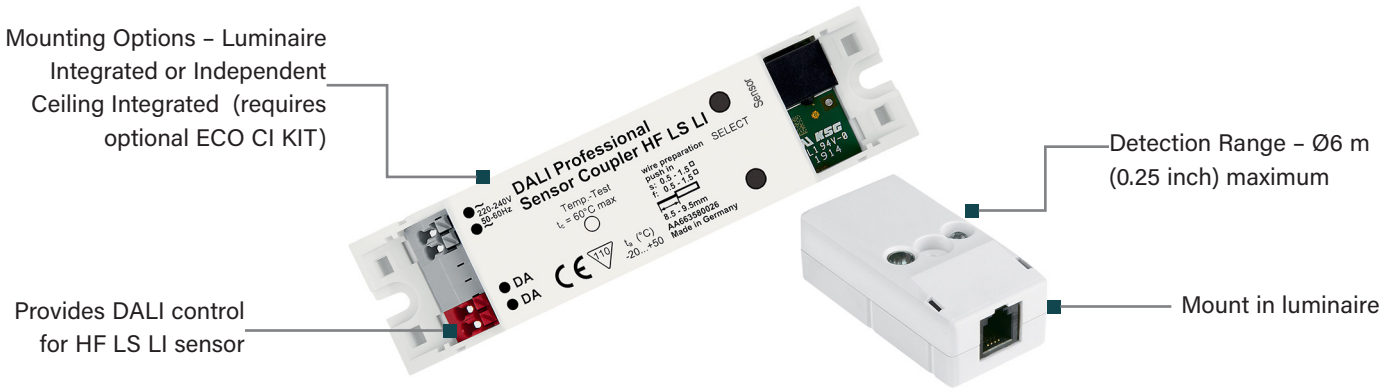
# LUMINAIRE INTEGRATED LIGHT AND PRESENCE SENSOR AND DALI COUPLER

HF-LS-LI (SENSOR) / DALI COUPLER HF G2 (COUPLER)




## DESCRIPTION

The DALI HF LS LI is a High-Frequency Light Sensing Luminaire Integrated Sensor and Coupler designed to incorporate light and presence sensing control of your DALI luminaire into the Wattstopper PLUS System.

The HF LS LI Sensor includes both a light and a presence sensor which utilize an active radar element, allowing a wide range of mounting heights, from 2 to 13 m (6.6 to 43 ft).

The HF LS LI Sensor is used with a DALI HF LS LI Coupler, which connects the sensor to your DALI network. Both pieces come equipped to integrate into your luminaire. If independent mounting is preferred, there is a separate ceiling integration kit (ECO CI Kit) available for purchase.

## FEATURES

- Designed for luminaire integration
- Works with the DALI Manager to connect the light and presence sensor to a DALI system
- Wide range of mounting heights from 2 to 13 m (6.6 to 43 ft)

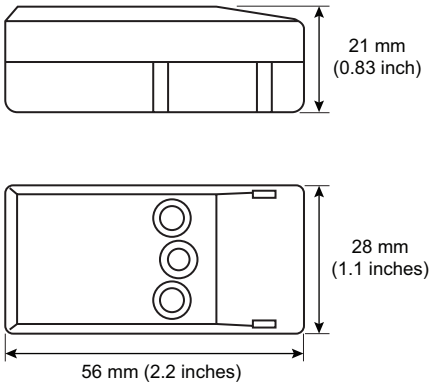
## SPECIFICATIONS

- Coupler Voltage: 0.35 W @230V, 50/60 Hz
- Current Consumption (Coupler): 2 mA – DALI
- Light Sensor Operating Range: 20 to 800 lux (approximately)
- Operating Temperature: -4° to 122°F (-20° to 50°C)
- Dimensions
  - Sensor: 21 x 56 x 28 mm (0.83x 2.2 x 1.1 inches)
  - Coupler: 21 x 118 x 30 mm (0.83 x 4.6 x 1.18 inches)
- Weight
  - Sensor: 22 g (0.78 oz)
  - Coupler: 50 g (1.8 oz)
- Certifications: CE
- Environmental Suitability: IP20
- 5 year warranty

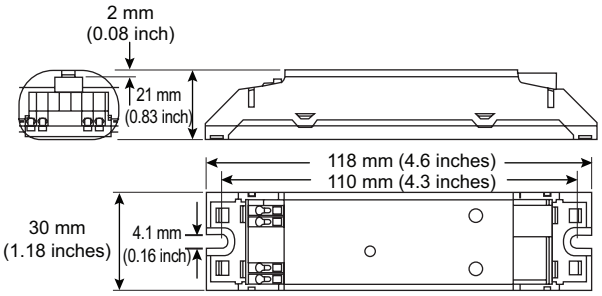
| PROJECT | | LOCATION/ TYPE | |
|---|---|---|---|

## DIMENSIONS

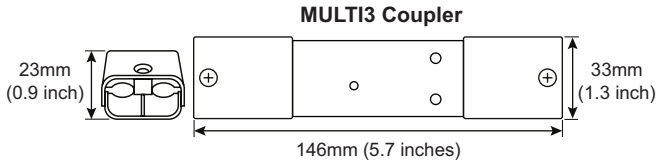
### Sensor



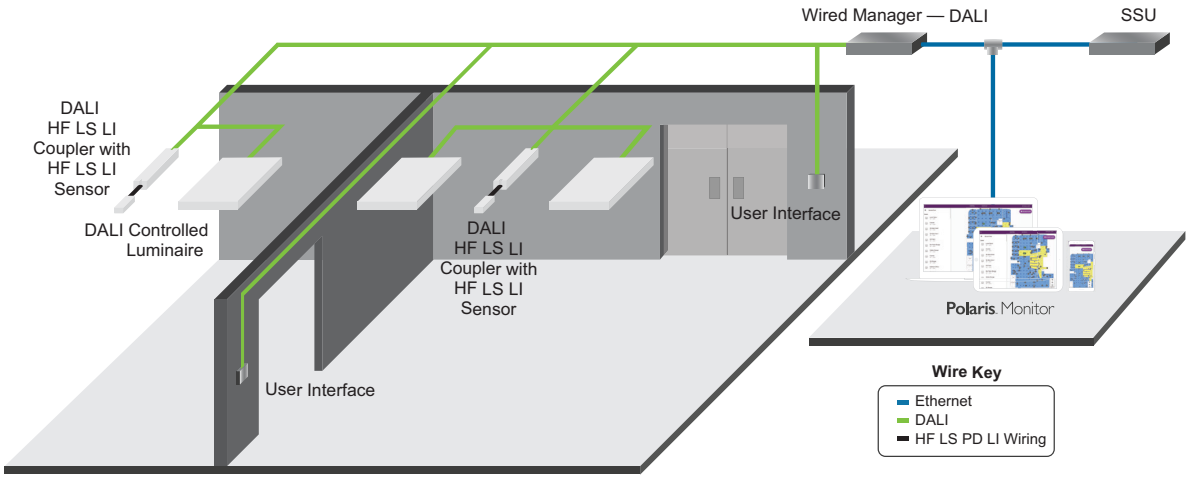

### Coupler




### Coupler with Ceiling Integration Kit

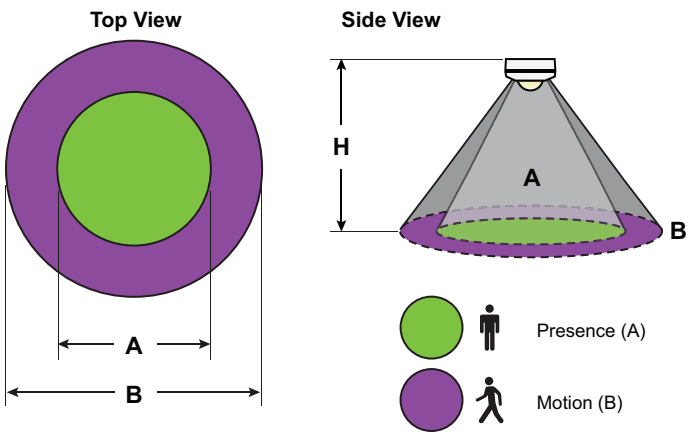



## SYSTEM OVERVIEW




## SENSOR COVERAGE

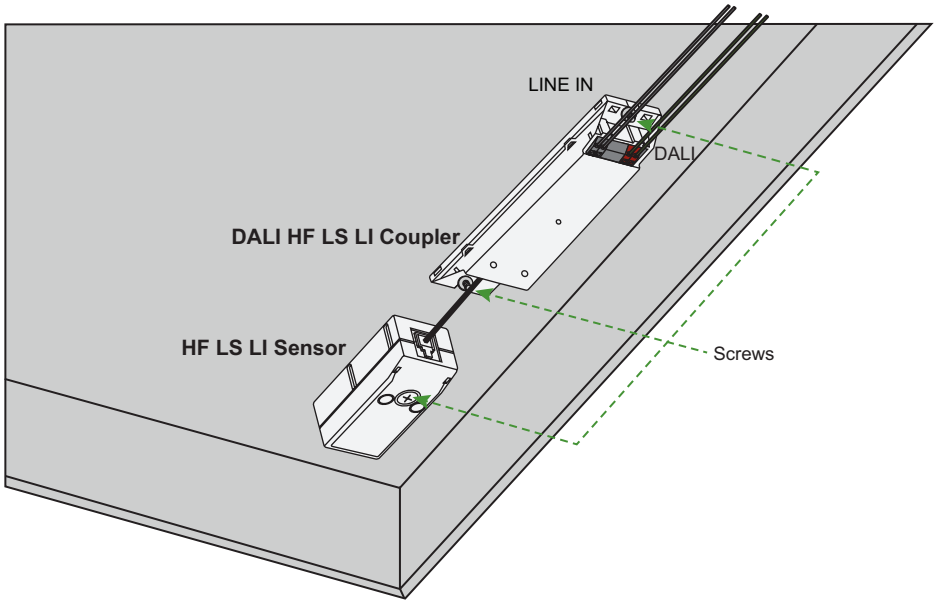
### Coverage Area




| | Presence | Motion |
|---|---|---|
| Mounting Height (H) | 8 m (26.2 ft) | 13 m (43 ft) |
| Detection Range | 15 m (49.2 ft) | 25 m (82 ft) |
| Coverage Area | 35˚ x 80˚ | 35˚ x 80˚ |

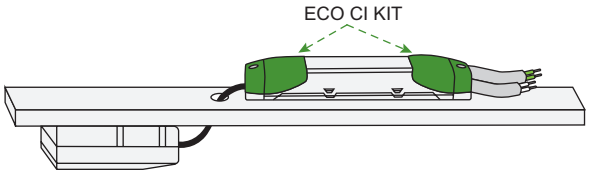
## MOUNTING

### Luminaire Integration

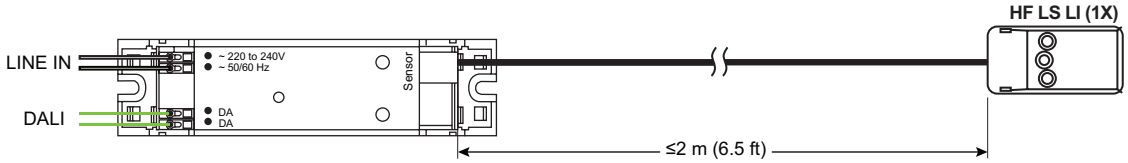



### Independent Ceiling Integration

(with optional ECO CI KIT)




## WIRING




## ORDERING INFORMATION

| Catalog # | | Description | Communication Network |
|---|---|---|---|
| ☐ | HF-LS-LI | HF HS LI Sensor | N/A |
| ☐ | DALI COUPLER HF G2 | DALI HF HS LI Coupler | Wired DALI |
| ☐ | HF 4P4C 25 | 4p4c Connector Cable (25cm) | N/A |
| ☐ | ECO-CI-KIT | ECO CI KIT, for independent ceiling mounting | N/A |

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