

**LIGHT LEVEL TRANSMITTERS
0-10VDC**

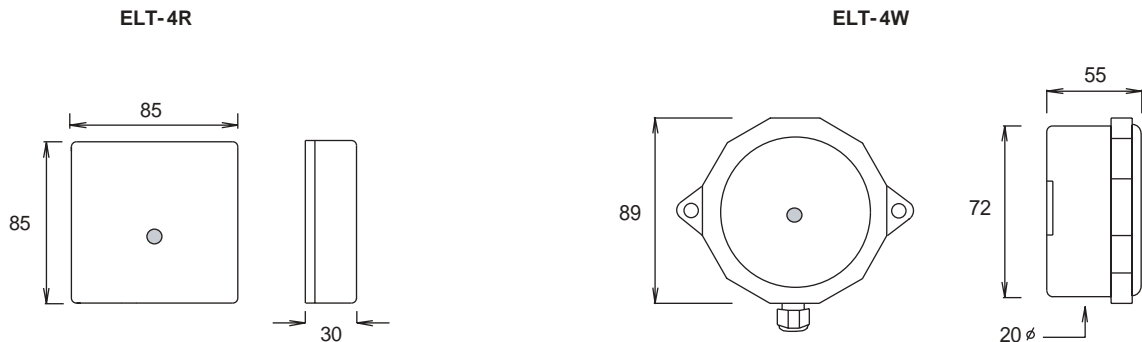
ELT..

| | | |
|---|--|---|
| <p>■ Senses light level and transmits a 0-10VDC signal linear across the selected range. Suitable for use with Building Management Systems.</p> |  <p>ELT-4W ELT-4R</p> | <p>Room sensor can be mounted on round or square outlet box. Consumption < 30mA Load Resistance >10KΩ Accuracy ± 3% Enclosure Flammability: ELT-4R = UL94-HB ELT-4W = UL94-V0</p> |
|---|--|---|

| Type | Selectable Range Lux | Supply ±10% | Output Signal | Vision Angle | Mounting | Enclosure |
|---------------|--------------------------------------|----------------|------------------|-----------------|----------|-----------|
| ELT-4R | 10/2000, 10/4000, 10/10000, 10/20000 | 24 VAC/DC | 0-10VDC | 120° | Room | IP30 |
| ELT-4W | 10/2000, 10/4000, 10/10000, 10/20000 | 24 VAC/DC | 0-10VDC | 120° | Outside | IP65 |

| | | | | |
|----------------------------|---------------------------|----------|--|--------|
| Approx Lux levels : | Average daylight | 2000 | Bright Sunlight | 20000+ |
| | Minimum for Outdoor Areas | 25 | External walkways/Car Parks | 50 |
| | Internal Warehouse Areas | 150 | Office/Retail Areas | 500 |
| | Minimum task lighting | 200 | Precision Tasks ie assembly, machine operation | 1500 |
| | Dusk | 15 to 20 | | |

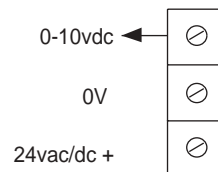
DIMENSIONS:



WIRING:

ELT..

| | | |
|-----------|----------------------------|---|
| | Lux range selector link | |
| 10- 2000 | ● | ● |
| 10- 4000 | ● | ● |
| 10- 10000 | ● | ● |
| 10- 20000 | ● | ● |



INSTALLATION:

| | | |
|---|---|-----------------|
| Terminals 0.5 -2.5mm ² | Min sensor / control signal cable size 7/0.2mm | Max length 100m |
| Screened cable is recommended | The screen should be earthed at controller end only | |
| Keep sensor/control signal wires away from power cables/units which may cause interference. | | |

CAUTION: These products are suitable for low voltage supply only. Device should be checked by a qualified technician before applying any voltage. Isolate device from electrical supply before removing cover. Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings. Observe precautions for handling electrostatic sensitive devices. Ensure electrical entry hole is completely sealed for all IP65/weatherproof models. Always ensure the device operates correctly. If failure of the device can cause damage a safety backup control should be fitted. All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.

