

DAYLIGHT HARVEST SENSOR 1-10V, SURFACE MOUNTED RDLHRV-HMW32S



PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES. ! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:

Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.ledgrouprobust.com.au

-20°C < Ta < +40°C, 120V – 277V ~ 50/60Hz, IP65,
Rated load: Capacitive: 400W - 120V; 800W - 220-270V
Resistive: 800W - 120V; 1600W - 220-270V
Mounting Height (Max.): 15m
Detection Range (Max.): 10m

Installation

1. Ensure mains supply is switched off before commencing work.
2. Select suitable location for mounting the sensor.
3. Connect cable in suitable junction box (flex 700mm).
4. Connect wires as per wiring diagram.
5. Remove screw and open sensor.
6. Adjust the settings as per table.
7. Alternatively use remote control HRC-11.
8. Close sensor and insert screw.

8 hours Manual on mode: Turn off/on the power supply three times within 3 seconds, the light will be turned on for 8 hours, even if there is no motion detected, then go back to sensor mode automatically. This 8 hours manual on mode can be cancelled by turning off/on the power supply one time within 1 second.

Rotary Switch Settings

A rotary switch is built inside the sensor.
Total 16 channels available:



Channel	Detection range	Hold time	Stand-by time	Stand-by dimming level	Daylight threshold
0	100%	5s	10s	10%	Disable
1	100%	1min	5min	10%	50Lux
2	100%	5min	10min	10%	50Lux
3	100%	5min	+∞	10%	75Lux
4	100%	5min	+∞	10%	100Lux
5	100%	5min	+∞	30%	200Lux
6	100%	10min	30min	10%	50Lux
7	100%	10min	+∞	10%	75Lux
8	100%	10min	+∞	10%	100Lux
9	100%	10min	+∞	30%	200Lux
A	100%	20min	1h	10%	100Lux
B	100%	20min	+∞	30%	200Lux
C	100%	30min	+∞	10%	100Lux
D	100%	30min	+∞	30%	200Lux
E	100%	30min	+∞	50%	400Lux
F	100%	5s	10s	10%	100Lux

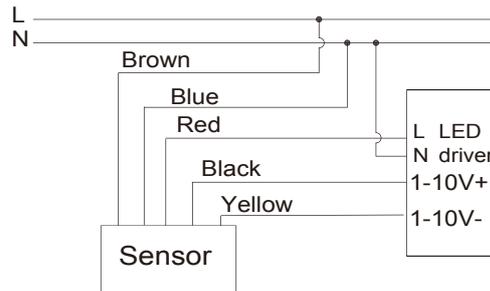
Note: settings can also be changed by remote control. The last action controls.

Information for the Product user:

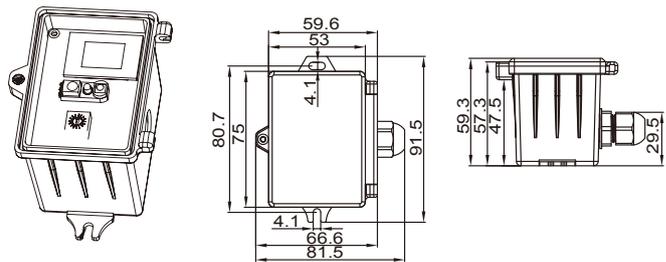
1. Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheelie bin symbol).
2. Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.
3. This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain
4. The "crossed out wheelie bin symbol" on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations

The Installation must be carried out by a qualified electrician

Wiring Diagram



Dimension



Lux off function

The built-in daylight sensor can read ambient natural light and switch off the fixture automatically whenever artificial light is unneeded (natural light lux level exceeds daylight threshold).
Note: If the stand-by time is pre-set at "+∞", the fixture never switches off even when natural light is sufficient.

Ambient Daylight Threshold

Switch the power supply to the sensor two times within 2 seconds, ambient lux level is sampled and set as the new daylight threshold. Both the settings on rotary switch and the ambient lux level sampled can overwrite each other. This feature enables the daylight sensor to be commissioned to the environment in which it is installed. The last adjustment remains in memory.

