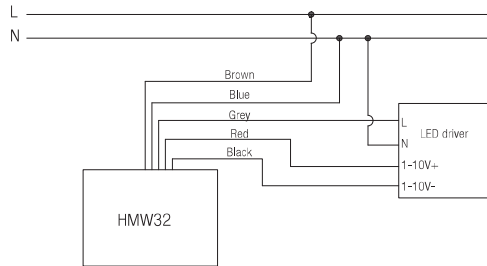
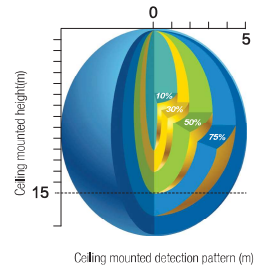


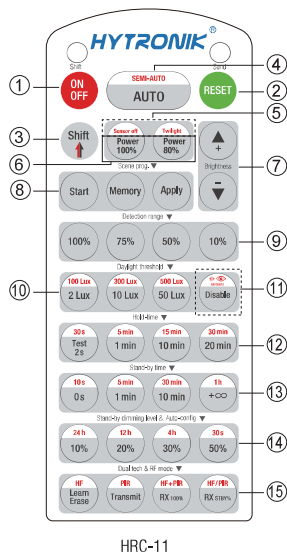
## 5. Wiring Diagram



## 6. Detection Pattern



## 7. Descriptions of the Button Functions (remote control HRC-11)



### Permanent ON/OFF [ button ① ]

Press button ①, to select permanent ON or permanent OFF mode.  
\* Press button ② / ④ to resume automatic operation.  
The mode will change to AUTO Mode after power failure.

### RESET [ button ② ]

Press button ②, all settings go back to the rotary switch settings.

### Shift [ button ③ ]

Press button ③, the LED on the top left corner is on for indication.  
All values / settings in RED are in valid for 20 seconds.

### Auto Mode [ button ④ ]

Press button ④ to initiate automatic mode. The sensor starts working and all settings remain as before the light was switched ON/OFF.  
Note: the function of Semi-auto is disabled.

### Sensor off [ button ⑤ ] (Daylight harvest without occupancy)

1. Press button ⑤, the red LED is on for indication.  
2. Press button "Sensor off", the function of movement detection is disabled.  
Note: the function of "Twilight" is disabled.

### Power output [ button ⑥ ]

Press button ⑥, the light output shifts between 80% and 100%.

### Brightness +/- [ button ⑦ ]

Press button ⑦ to adjust the light brightness to reset the target lux level.

### Scene prog. [ zone ⑧ ] (One-key-commissioning)

1. Press button "Start" to program.  
2. Select the buttons in ⑧ "Detection range", ⑨ "Daylight threshold", ⑩ "Hold time", ⑪ "Stand-by time", ⑫ "Stand-by dimming level" to set all parameters.  
3. Press button "Memory" to save all the settings programmed in the remote control.  
4. Press button "Apply" to set the settings to each sensor unit(s).  
For example, to pre-set detection range 100%, daylight threshold Disable, hold time 5min, stand-by time +∞, stand-by dimming level 30%, the steps should be as follows:  
Press button ⑧ Start, button ⑨ 100%, ⑩ Disable, ⑪ Shift, ⑫ 5min, ⑬ Shift, ⑭ +∞, ⑮ 30%, ⑯ Memory, By pointing to the sensor unit(s) and pressing ⑯ Apply, all settings are passed on the sensor(s).

### Detection range [ zone ⑨ ]

Press buttons in zone ⑨ to set detection range at 100% / 75% / 50% / 10%.

### Daylight threshold [ zone ⑩ ]

Press buttons in zone ⑩ to set the daylight sensor at 50Lux / 100Lux / 300Lux / 500Lux or Disable as threshold / target Lux level.  
Note: 2Lux / 10Lux are disabled.

To set daylight sensor at 100Lux / 300 Lux / 500Lux, press button ⑩ Shift at first.

### Ambient daylight threshold [ button ⑪ ]

1. Press button ⑪ Shift, the red LED is on for indication.  
2. Press button ⑩, the ambient lux level is sampled and set as daylight threshold / target Lux level.

### Hold time [ zone ⑫ ]

Press buttons in zone ⑫ to set the hold time at 2s / 30s / 1min / 5min / 10min / 15min / 20min / 30min.  
Note: 1. To set hold-time at 30s / 5min / 15min / 30min, press button ⑩ Shift at first.  
2. 2s is for testing purpose only, stand-by period and daylight sensor settings are disabled in this mode.

\*To exit from Test mode, press button ② or any button in zone ②.

### Stand-by time [ zone ⑬ ]

Press buttons in zone ⑬ to set the stand-by period at 0s / 10s / 1min / 5min / 10min / 30min / 1h / +∞.

Note: "0s" means on/off control, "+∞" means bi-level control, 100% on when motion detected, and remains at the stand-by dimming level when no presence is detected after hold-time.

### Stand-by dimming level [ zone ⑭ ]

Press buttons in zone ⑭ to set the stand-by dimming level at 10% / 20% / 30% / 50%.

### Daylight harvest auto-configuration function

1. Press button "Shift", the red LED is on for indication.  
2. Select a time period and the sensor will do light level measurement and determine/save the lowest light level (commission line) with 100% light on, so as to set the target lux level automatically.  
Note: 1. Make sure the light level measurement covers the night time.  
2. The fixture will go into sensor mode after the measurement, all sensor settings remain unchanged.

### Dual tech & RF mode [ zone ⑮ ]

All buttons in zone ⑮ are disabled.

## 8. Trouble Shooting

MALFUNCTION CAUSE REMEDY	CAUSE	REMEDY
The fixture does not light up	Incorrect daylight threshold setting	Adjust daylight threshold setting
	Faulty fixture	Replace fixture
	No power supply	Check power to sensor
The fixture is always on	Detection zone not targeted	Check detection area setting
	Continuous movement in the detection zone	Check detection area setting
The fixture is on when it should not	Sudden change in temperature due to weather (wind, rain, snow) or air expelled from fans, open windows	Adjust zone, change installation site

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