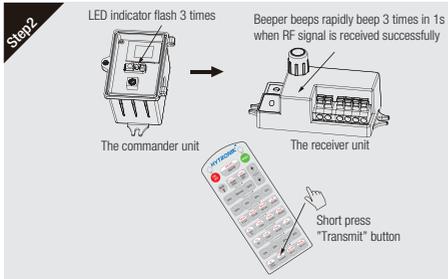


5. RF grouping



Short press "Learn/Erase" button on RC to the receiver to activate pairing mode, and the receiver unit will beep once every second for 3min.
Note: up to 30 units can be paired.



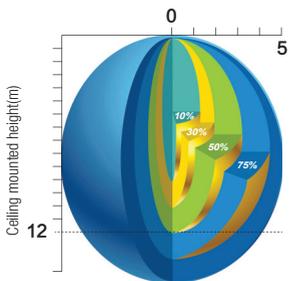
Short press "Transmit" button on RC to the commander, the red indicator on commander unit will flash 3 times to send the transmission signal.

Upon receiving the transmission signal, the receiver unit will rapidly beep 3 times in 1s to indicate the success of pairing. One more short press on "Learn/Erase" button to the receiver unit to complete the pairing process, the receiver unit will quit the pairing mode.

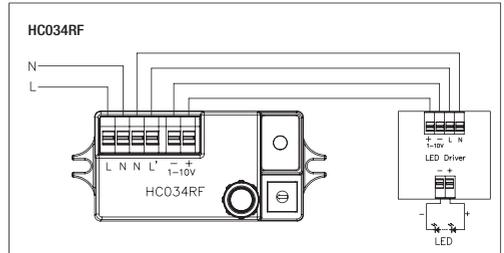
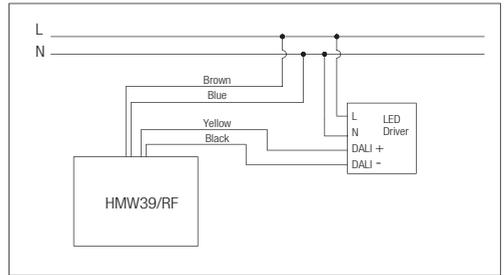


Erase:
Long press "Learn/Erase" button for 3s, the beeper on receiver unit rapidly beeps for 5s, all commands it has received before will be erased.

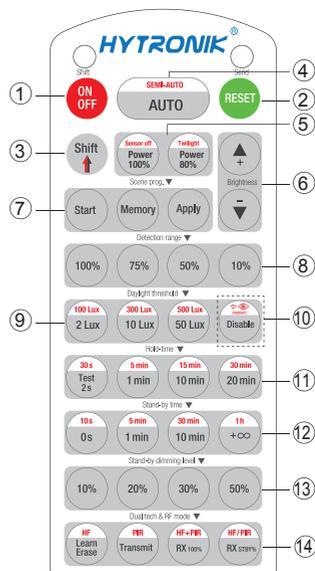
7. Detection Pattern



6. Wiring Diagram



8. Description of the Button Functions (remote control HRC-11)



HRC-11

<p>Permanent ON/OFF [button ①] Press button ① to select permanent ON or permanent OFF mode. * Press button ②/④ to resume automatic operation.</p> <p>RESET [button ②] Press button ②, all settings go back to the rotary switch settings.</p> <p>Shift [button ③] Press button ③, the LED on the top left corner will flash to indicate mode selection. All values / settings in RED are in valid for 20 seconds.</p> <p>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.</p> <p>Power output [button ⑤] Press button ⑤, the light output shifts between 80% and 100%. Note: the function of "Sensor off" and "Twilight" are disabled.</p> <p>Brightness +/- [button ⑥] Press button ⑥ to adjust the light brightness between 10%–100%.</p> <p>Scene prog. [zone ⑦] (One-key-commissioning) 1. Press button "start" to program. 2. Select the buttons in ⑧ "Detection range", ⑨/⑩ "Daylight hreshold", ⑪ "Hold time", ⑫ "Stand-by time", ⑬ "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%, steps should be: Press button ⑦ Start, button ⑧ 100%, ⑩ Disable, ③ Shift, ⑪ 5min, ③ Shift, ⑫ +∞, ⑬ 30%, ⑦ Memory. By pointing to the sensor unit(s) and pressing ⑦ Apply, all settings are passed on the sensor(s).</p>	<p>Detection range [zone ⑧] Press buttons in zone ⑧ to set detection range at 100% / 75% / 50% / 10%. Note: Disabled for HCO34RF.</p> <p>Daylight threshold [zone ⑨] Press buttons in zone ⑨ to set the daylight sensor at 2Lux / 10Lux / 50Lux / 100Lux / 300Lux / 500Lux or Disable. Note: 1. To set daylight sensor at 100Lux / 300 Lux / 500Lux, press button ③ Shift at first. 2. Disabled for HCO34RF.</p> <p>Ambient daylight threshold [button ⑩] 1. Press button ③ Shift, the red LED is on for indication. 2. Press button ⑩, the ambient lux level is sampled and set as the new daylight threshold.</p> <p>Hold time [zone ⑪] Press buttons in zone ⑪ 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 ③ Shift at first. 2. 2s is for test 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 ⑦.</p> <p>Stand-by time [zone ⑫] Press buttons in zone ⑫ 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 after hold-time.</p> <p>Stand-by dimming level [zone ⑬] Press buttons in zone ⑬ to set the stand-by dimming level at 10% / 20% / 30% / 50%.</p>	<p>Dual tech & RF mode [zone ⑭] 1. HF, PIR, HF+PIR, HF/PIR are disabled. 2. Short press button "Learn/Erase" to activate pairing mode on all receiver (slave) units to be paired. Note: up to 30 units can be paired. 3. Short press button "Transmit" at the commander unit(master), the LED will flash 3 times to indicate the transmission signal has been sent. The receiver units will rapidly beep 3 times in 1s to indicate the success of pairing. 4. Long press "Learn/Erase" button for 3s, and the receiver unit clears all commands it has received before. 5. Press button RX100%, the light on receiver unit is 100% on upon receiving RF on signal; Press "RX STBY%" button, the light(s) goes to preset stand-by dimming level directly.</p>
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9. 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
	Detection zone not targeted	Check detection area setting
The fixture is always on	Continued 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