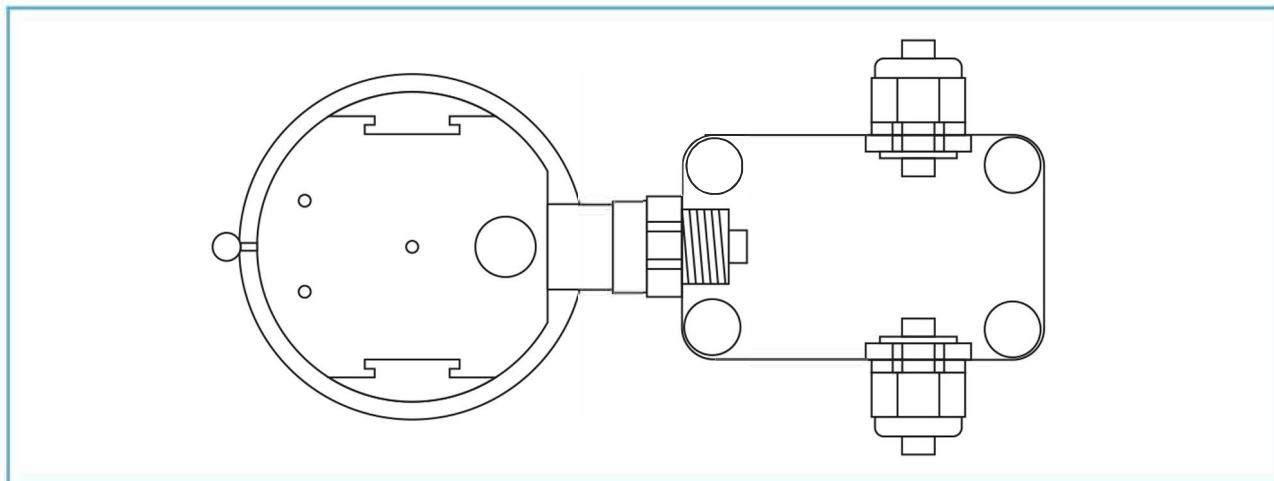# TIME LED®

Highbay Sensor Upgrade Kit

Installation and Operating Instructions
Suitable for 790205 / 790212

IP65
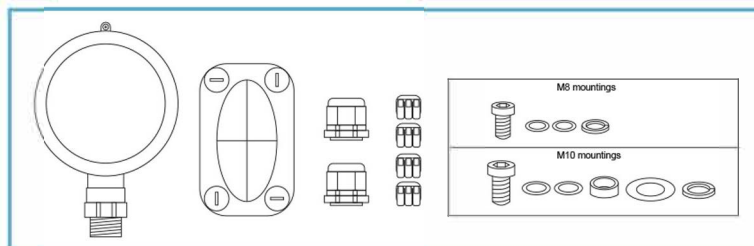
MAX 15M

REMOTE CONTROL

3.0A/2.0A SWITCHING

Read and follow instructions before installing this kit.
Save this manual for future reference.

Package includes:
1 x 5.8Ghz Microwave Sensor
1 x Wiska Box (61.5 - 34.5 - 27mm)
2 x M20 IP65 Cable Gland
1 x Fixing Bolt for 790205 + 2 O rings
1 x Fixing Bolt for 790212 + 2 O rings
1 x Manual

①

Safety:
- Installation of this product should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671).
- Ensure to isolate mains prior to installation/maintenance.
- Check the total load on the circuit (including when this Sensor is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Please note the IP (Ingress of Protection) rating of this product when deciding the location for installation.
- Outdoor electrical installation should be protected by an earth leakage circuit breaker such as a residual current device (RCD). This will cut the power supply should it detect a leakage of current to earth which can be potentially dangerous.

UKCA   CE   ♻   RoHS COMPLIANT   TÜV   🗑   nqa ISO 14001 ENVIRONMENTAL MANAGEMENT / UKAS MANAGEMENT SYSTEMS 015   nqa ISO 9001 QUALITY MANAGEMENT / UKAS MANAGEMENT SYSTEMS 015

Product Code	303227
IP Rating	IP65
Voltage	120-227Vac - 50/60Hz
Dimmable	NO

Load @ 120Vac	3.0A
Load @ 227Vac	2.0A
Max Height	15m
Max Detection Range	14m

Instructions for new installations:

Ensure the mains supply is switched off before installation

1) Disconnect from the power source and remove the Highbay from its installation.

2) Mount the Wiska box and sensor as per diagram 2, use either correct fixing bolt 790205(M8) / 790212 (M10). Please ensure that the two supplied O rings and fixings are fitted as per diagram 2.

3) Insert the Highbay power cable into the LH side cable gland of the Wiska box, and pull through the excess cable.

4) Cut the cable and strip back, connect using the supplied WAGO connectors as per diagram 3 below, with Earth to Earth (Green/Yellow), Neutral to Neutral (Blue), and Live (Brown) to Switch Live (Yellow). This side is identified as lamps.

5) The surplus cable can then be inserted through the RH side cable gland of the Wiska box, be stripped back, and connect using the supplied WAGO connectors as per diagram 3. Earth to Earth (Green/Yellow), Neutral to Neutral (Blue), and Live to Live (Brown). This side is identified as power.

6) Both cable glands should be tightened to ensure IP Rating is maintained.

7) Place the lid on the Wiska box, and affix with the four quarter turn fixings.

8) The Highbay can now be installed and reconnected to the power circuit.

9) Remember to reconnect the second stage emergency fixing to the Highbay.
The Highbay can now be switched using the microwave sensor, and adjustments made via the optional remote control (303265)
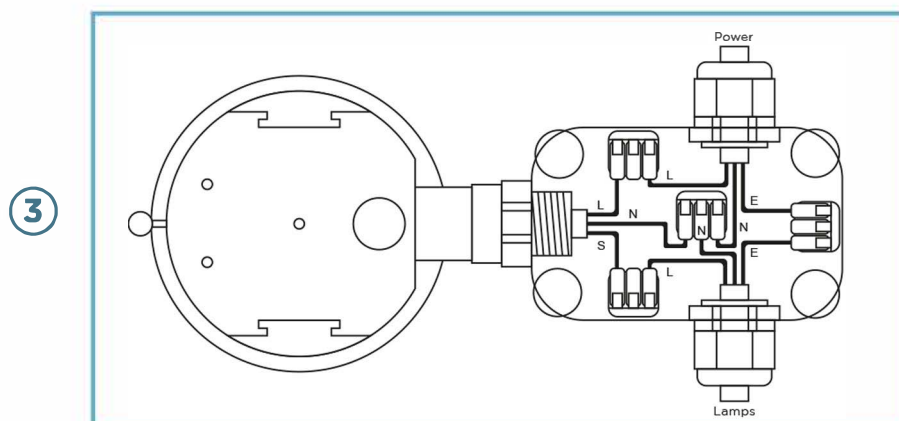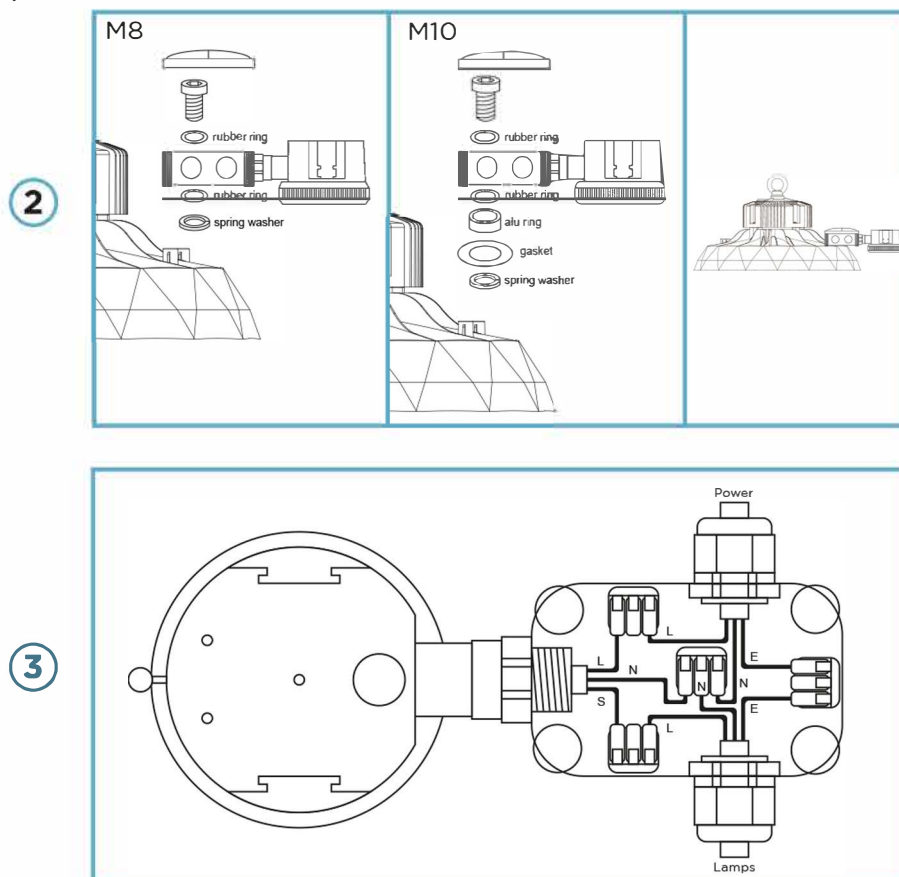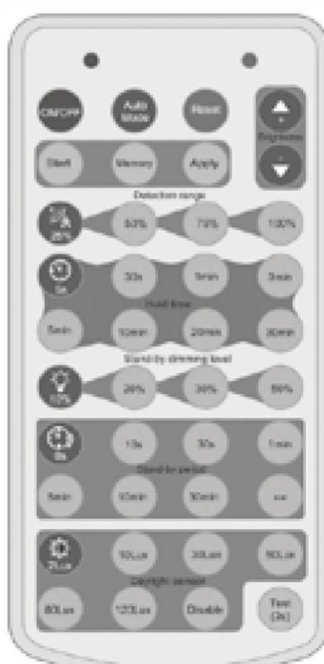

Full Technical specification available upon request. Contact info@timeled.co.uk for PDF.

TIME LED®

**Elements Multibeam Highbay
Sensor Upgrade Kit**

Instructions for remote control:

Remote settings

Remote Keys	Function	Performance
ON/OFF	ON/ OFF	1. 'ON/OFF' key only functions as light switch. 2. If press this button to turn off lamp before it's short curcuited, the lamp will remain off after power up.
Auto Mode	Auto Mode	Press 'Auto mode', the sensor starts to work and all settings remain the same beofre light gets switched on/off.
Reset	Reset	1. Press 'Reset' button, change brightness to max level. 2. Press 'Reset' button, products with DIP switch will be controlled by DIP switches; otherwise all the settings will just be initial, that is 100% detection range, hold time 5s, no stand-by time and daylight threshold disabled.
Memory	Memory	1. Press 'Memory' to save all the settings. 2. The settings remained as last time, if not get resetted values.
Apply	Apply	1. Press 'Apply' to deliver the saved settings. 2. Press 'Apply' without 'memory' will make all the settings a one-time operation. 3. Settings should be done withing 30s, otherwise memory mode is exited.
	Detection area	Detection area (press to define detection area 100% / 75% / 50% / 25%)
	Hold time	Hold time (press to define hold time 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min)
	Stand-by Period	Stand-by period (press to define stand-by 0s / 5s / 30s / 1min / 3min / 5min / 10min / 30min / +|) NOTE: '0s' means no stand-by period; '+|' means unlimited stand-by period)
Test (2s)	Test Mode	The button 'Test (2s) is for testing purpose after commisioning. Pressing this button, the sensor goes into test mode (hold time is only 2s).

OPTIONAL REMOTE CONTROL 303265

TIME LED®

Elements Multibeam Highbay Sensor Upgrade Kit

Memory & Apply Mode

1. Press 'ON/OFF' button to turn the light on or off.
2. To reset the parameters, please follow the steps below.
  1. Press ON, to turn on light if it was off at start.
  2. Press 'Start' to the well starting sensor.
  3. Press the button of detection range, hold time, stand by dimming level, stand-by period and daylight threshold one after the other in squence.
  4. Press memory to memorise the settings.
NOTE: The interval of each parameter setting can be controlled within 30s.
3. To program other lights in the area that have similar sensors to the same programme.
  1. Press ON, to the second sensor.
  2. Press 'Apply'

Isolated Setting Mode (Typical installation height 15m)

1. Press 'ON/OFF' to turn the light on or off. Press 'Auto Mode', the remote will activate settings that were last saved or remain at the factory default settings.
2. To reset the parameters, please follow the steps below.
  1. Press ON, to turn on light if it was off at start.
  2. Press any button 'Auto Mode', 'Reset', 'Test' or 'Apply' to start sensor detection mode.
  3. Press the button of detection range, hold time, stand-by dimming level, stand-by period and daylight threshold one after the other in sequence.
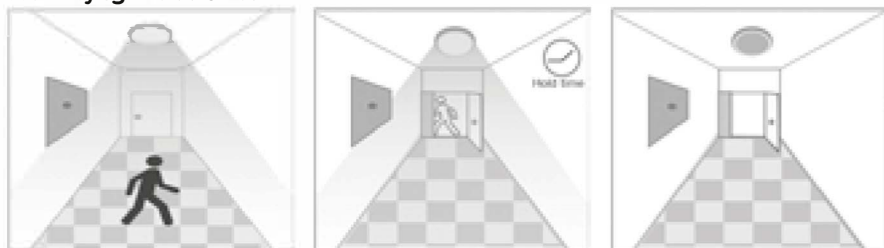NOTE: Settings will be saved automatically an remain until you press reset again.
Light will flicker when setting each parameter.
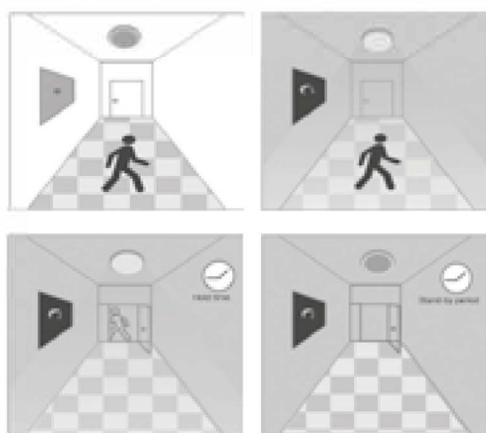
Automatically ON/OFF Function

No Daylight Function

Function Demo
(Dimmable Control/Corridor Function)

Cleaning:
• Do not use any chemical or abrasive cleaners.
• Clean product with only a soft dry cloth.

Warning:
• This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

Recycling Advice:
Waste Electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Full Technical specification available upon request. Contact info@timeled.co.uk for PDF.

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**Elements Multibeam Highbay
Sensor Upgrade Kit**