Date	Revision
18.7.25	1

Installation Instructions 70349: Plug In Corridor Dim & On/Off PIR for the Dura CCT V2 Batten

Read these instructions before installation and retain for future reference.
This equipment should be installed by a competent electrician

Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building controll..

- BELL will not accept responsibility for any claims arising from a poor installation.
- Always switch off mains supply before installing.
- All tests should be carried out in accordance to EN 50172:2004

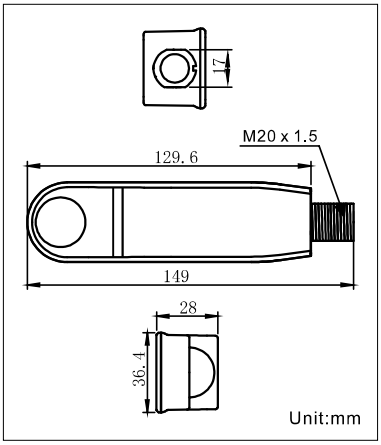
This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.
Where possible recycle your packaging.

SPECIFICATION

The 70349 mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 5V PWM LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing.

OVERVIEW

- PIR sensor.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 7m.
- 360° coverage pattern.



TECHNICAL DATA

Motion Sensing	Passive infrared sensor
Input Power	220-240VDC
Control Output	5V PWM(Gradual change)
Detection angle	360°
Mounting height	Max.7m
Operating temperature	-20°C ~ +60°C
IP Rating	65

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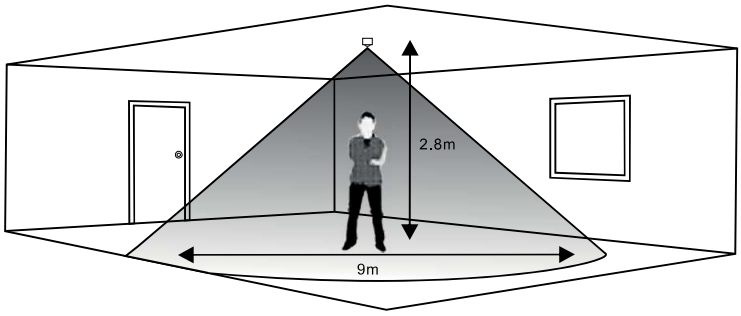
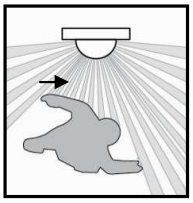
DETECTION DIAGRAM



Note:illustration shows an average of the walk across and walk towards figures below.

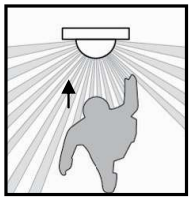
Area of high sensitivity — Area of lower sensitivity

Walk across



Height	Range Diameter
7m	16m
2.8m	9m

Walk towards



Height	Range Diameter
7m	10m
2.8m	5m

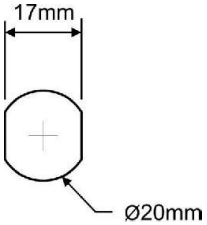
INSTALLATION

Do not grip unit at the lens end. Hold the square body near the threaded end when installing and tightening the nut. Care must be taken to prevent damage to the lens and surrounding IP seal.

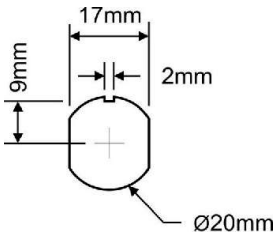
Components

Part	Quantity Supplied
Silicone washer	2
5° washer	1
5° spacer	1
M20 nut	1

Mounting hole without key



Mounting hole with key



Note. Key to be at top of sensor.

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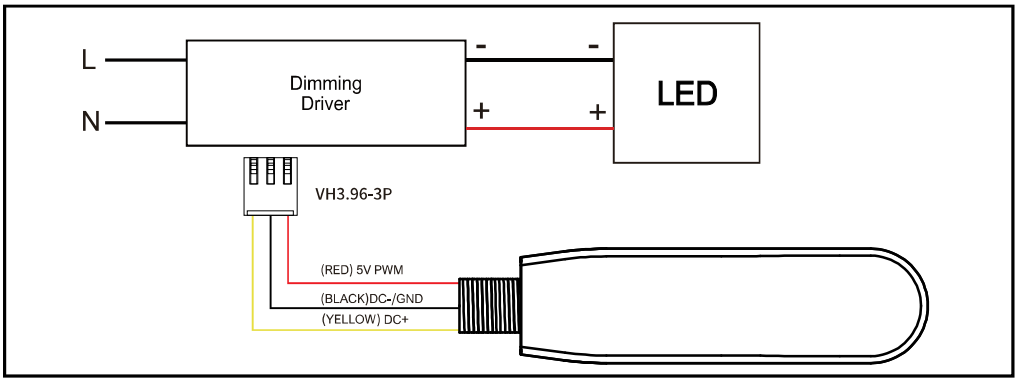
SPECIFICATION

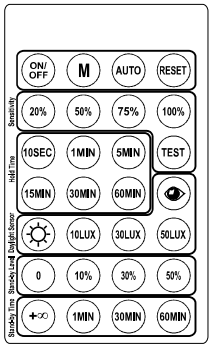
Wiring



ORDERING INFORMATION

70349: Plug In Corridor Dim & On/Off PIR for the Dura CCT V2 Batten

SETTING BY REMOTE CONTROL 15199



ON/OFF	Press the "on/off" button, the light goes to permanent on or permanent off mode,the sensor is locked,Press "AUTO " to quit from this mode.	TEST	The button "Test" is for testing sensitivity purpose only. the sensor goes to test mode (hold-on time is only 2s)automatically after commissioning,meanwhile the stand-by period and daylight sensor are disabled. Press"AUTO " to quit from this mode.
M	Memorize a list of specific parameters in "M" button as one touch button.		
AUTO	Press "AUTO"button,the sensors starts to work and all parameters remains the same as the latest status.	RESET	Press "RESET"button ,all parameters go back to default settings: 75% 10SEC 30% 60MIN
20% 50% 75% 100%	Select as appropriate to adjust sensor sensitivity	10SEC 10MIN 20MIN 30MIN	The time of light fixture remains at programmed 100% level after motion is not detected
	Press this button, the latest surrounding lux value overwrites previous lux value learned, and is set as the daylight threshold. This feature enables the fixture to function well in any real application circumstance.	10 Lux 30 Lux 50 Lux	Select /10LUX/30LUX/50LUX/ threshold for sensor to turn light fixture ON. Select ,current surrounding lux value as daylight lux threhold , select , the built-in daylight sensor stops working, and all motions detected could turn the light fixture on,no matter how bright the natural light is.
0 10% 30% 50%	Press the buttons of "stand-by dimming level"to set the stand-by dimming level at 0/10%/30%/ 50%; Note: 0 means on /off control;	+∞ 1MIN 30MIN 60MIN	Press the buttons of "stand-by period (corridor function)"to set stand-by period at 1min/30min/ 60min/+∞; Note:"+∞" means bi-level dimming control, fixture never switches off.

NOTE: 1. when the sensor connect AC power first time, the light will be on one time and off,it take 20seconds to warm up.

2. the light will be on one time and off as confirm the sensor gets remote control signal.

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Quick User Guide:

1."ON/OFF" MODE: Press the "ON/OFF" button,the light goes to permanent on or permanent off mode, Press "AUTO " , button to quit from this mode.

2."RESET" MODE: Press "RESET" button ,all parameters go back to Default parameter: 75% 10SEC ☼ 30% 60MIN.

3."AUTO" MODE: Press "AUTO" button, the sensor starts to work automatically ,the parameters same as latest parameters in "AUTO" mode , you can begin to adjust the parameters as you desired.

For example: make desired Parameters as following: sensitivity 50%,hold time 10seconds, daylight sensor ☼ , Stand-by level 30%,Stand-by time: 1min) .

Step 1. push the "AUTO" button, light will be on one time and off , as confirm.
Step 2. push the sensitivity "50%"button,llight will be on one time and off , as confirm.
Step 3. push hold time "10seconds" ,light will be on one time and off , as confirm.
Step 4. push daylight sensor " ☼ ", light will be on one time and off , as confirm.
Step 5. Push Stand-by level "30%"button ,light will be on one time and off , as confirm.
Step 6. Push Stand-by time "1MIN" button ,light will be on one time and off , as confirm.

The sensor detects motion, the light on 100%,the light will go to 30% if no motion is detected within 10S econds, and light will off if no motion is detected within 1min.

5. "M" Mode: "M" means Memory , this mode is to memorize a list of specific parameters in "M" button , so other light sensors can copy same parameters immediately by just pushing M button .

For example: you have 1000pcs lights need to set same parameter as following : sensitivity 50%,hold time 10seconds, daylight sensor ☼ , Stand-by level 30%,Stand-by time: 1MIN.

Step 1. push "M" button , light will on then off ,then push "TEST" and hold until light remains on .
Step 2. push the sensitivity "50%"button ,the light will flash and remains on as confirm .
Step 3. push hold time "10SEC" button ,the light will flash and remains on as confirm .
Step 4. push daylight sensor " ☼ ", the light will flash and remains on as confirm .
Step 5. push Stand-by level "30%" button ,the light will flash and remains on as confirm .
Step 6. push Stand-by time "1MIN" button, the light will flash and remains on as confirm .
Step 7. push "M" button, memorize the Parameters above , light will be off as confirm .
Step 8. Aim at the light, and press "M" button again ,mean the First light sensor get parameters as above .
Step 9. Aim at other 999pcs lights, just need to push only one button "M" one by one , lights sensor will get all parameters as above .

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