



British Electric Lamps
Looking to the future

Product Code: 06640

GENERAL INSTRUCTIONS:

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

These instructions should be used to aid installation of the product;
06640

SAFETY:

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the current IEE Wiring Regulations (BS7671) & current Building Regulations

- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit, including when this luminaire 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 luminaire when deciding the location for installation
- This product is Class II double insulated
- This product is IP65 rated
- This product is non-dimmable

INSTALLATION:

- Provide power to the point of installation, suitable IP rated junction boxes should be used where required
- Remove the diffuser by rotating the bezel anticlockwise (see Fig1)

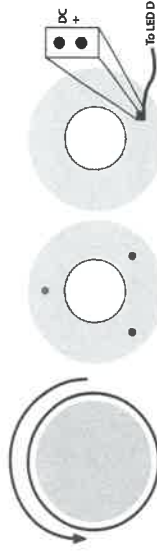


Fig 1

Fig 2

Fig 3

- Loosen the 3 LED plate screws (see Fig 2)
- Remove the LED plate and disconnect from the driver (via the DC socket). See Fig 3
- Mark the location of the fixing holes, and drill the holes ensuring not to infringe with any joists, gas or water pipes or electrical cables
- Feed the cable via the cable entry point on the rear of the luminaire
- Connect the Live (brown). Neutral (blue) to the 2 way terminal block (see Fig 4)
- Please see settings below on how to set up microwave sensor

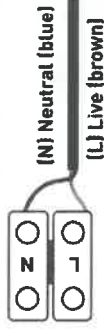


Fig 4

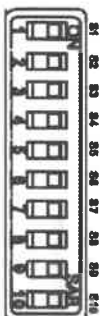
- Refit the LED plate ensuring the LED driver is connected to DC socket
- Refit the diffuser by rotating the bezel clockwise to the base
- Switch on power and test for correct operation



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1 Reach setting (sensitivity)

Reach is the term used to describe the radius of the circular detection zone produced on the ground after mounting. The sensor light at a height of 2.5m



S1	S2	distance	S1	S2	distance
-	-	25%	0N	0N	75%
-	0N	50%	0N	0N	100%

NOTE: The above detection distance is measured using a person who is between 1.6m-1.7m tall with an average build, moving at a speed of 1.0-1.5m/sec. If any of these variables are changed, the detection distance will also resultantly change.

2 Time setting

Time can be set 10s to 12min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.



S3	S4	time	S3	S4	time
-	-	10s	0N	-	6min
-	0N	1min	0N	0N	12min

NOTE: after the light switches OFF, it takes approx. 1sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

3 Light-control setting

The chosen light response threshold can be infinitely from approx. 10lux-50lux.



S5	S6	Light	S5	S6	Light
-	-	24H	0N	-	30LUX
-	0N	10LUX	0N	0N	50LUX

4 Semi bright brightness setting



S7	S8	Semi bright brightness	S7	S8	Semi bright brightness
-	-	0	0N	-	20%
-	0N	10%	0N	0N	30%

5 Semi bright brightness time setting



S9	S10	Semi bright brightness time	S9	S10	Semi bright brightness time
-	-	24H	0N	-	30MIN
-	0N	1MIN	0N	0N	60MIN

Technical Data

Operating voltage	20-60VDC (If the LED driver output is above 20V or below 60V, S4/S12V1 may work properly)
Input current	100mA/Min, 1-3000mA/Max, this current range must be strictly followed
Switched power	Max: 180W
Standby power	<0.5W
Detection range	25/50/75/100%, can be customized
Daylight threshold	10-50Lux, disable, can be customized
Hold time	10s/1min/5min/12min, can be customized
Standby period	1min/30min/60min/24H, can be customized
Standby dimming level	10%/20%/30%, can be customized
Microwave frequency	5.8GHz +/-75MHz
Microwave power	<0.2mW
Detection range	(9x1) x 8m x 4m
Detection angle	360°
Mounting height	Max: 4m
Operating temperature	-35°C ~ +70°C