WARWICK

Warwick I

Warwick I

Output:

- Available in various wattages and colour temperatures across three sizes (mini, midi and maxi). See ordering table opposite.

Material:

- Body: Solid brass
- Lens: Acrylic

Colour:

- Body: Antique brass
- Lens: Opal

Technical:

Warwick I

Nb. Special sizes available on request.

Warwick II

Warwick II

Output:

- 2x 10W LED - 3200lm
- 2x 17W LED - 4320lm

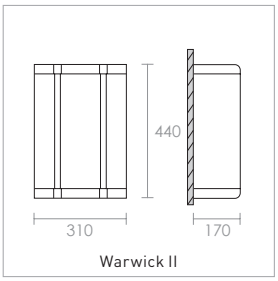
Material:

- Body: Solid brass
- Lens: Acrylic

Colour:

- Body: Antique brass
- Lens: Opal

Technical:



Warwick II

Nb. Special sizes available on request.


Warwick III

Warwick III

Output:

- Available in various wattages and colour temperatures across three sizes (mini, midi and maxi). See ordering table below.

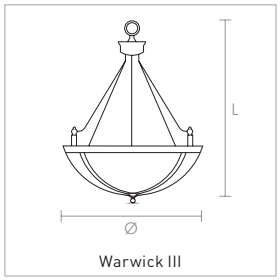
Material:

- Body: Solid brass
- Lens: Acrylic

Colour:

- Body: Antique brass
- Lens: Opal

Technical:



Warwick III

Nb. Special sizes available on request.

Warwick	Ordering Code		Dimensions (mm)	
Warwick I - Mini	**3000K**	**4000K**	**Diameter**	**Length**
23W LED - 3000lm	95-101-210-325	95-101-210-425	600	360
34W LED - 4000lm	95-102-210-325	95-102-210-425	600	360
Warwick I - Midi				
48W LED - 6300lm	95-101-410-325	95-101-410-425	920	530
72W LED - 8500lm	95-102-410-325	95-102-410-425	920	530
Warwick I - Maxi				
72W LED - 8500lm	95-101-510-325	95-101-510-425	1200	730
108W LED - 13000lm	95-102-510-325	95-102-510-425	1200	730
Warwick II				
2x 10W LED - 3200lm	95-101-020-325	95-101-020-425	-	440
2x 17W LED - 4320lm	95-102-020-325	95-102-020-425	-	440
Warwick III – Mini				
23W LED - 3000lm	95-101-230-325	95-101-230-425	600	790
34W LED - 4000lm	95-102-230-325	95-102-230-425	600	790
Warwick III - Midi				
48W LED - 6300lm	95-101-430-325	95-101-430-425	920	1090
72W LED - 8500lm	95-102-430-325	95-102-430-425	920	1090
Warwick III - Maxi				
72W LED - 8500lm	95-101-530-325	95-101-530-425	1200	1350
108W LED - 13000lm	95-102-530-325	95-102-530-425	1200	1350
Lumen outputs based on 4000K				

Options (Excludes Warwick II)	Add to Ordering Code
Emergency (3 hour)	E3-
DALI (digital) dimming	/DD
MIC 1	/MIC1
MIC 2	/MIC2

MIC®

The Manual Intelligent Control (MIC®) system features a range of advanced sensor technology controls offering the ultimate in energy saving and carbon reduction. Significant energy savings can be achieved with a MIC system that dynamically manages luminaire power according to the instantaneous lighting requirement. It ensures that the right level of light appears at the right place only when required, thus preventing unnecessary energy consumption and reducing maintenance costs. The MIC system has been installed in over 3000 BT telephone exchanges with confirmed energy savings in excess of 70%.

There are three types of Manual Intelligent Control: MIC 1, MIC 2 and MIC 3, available as a master (sensor incorporated) or a slave (controlled by master), to suit different requirements and budgets.

MIC 1

A versatile and cost-effective OFF–ON–OFF energy saving control unit.

OFF

Absence: luminaires are switched off.

ON

Occupancy detected: luminaires illuminate at full output unless there is sufficient daylight and the lux level setting overides it.

OFF

Absence: after a preset time, luminaires switch off completely.

MIC 2

Offers all the benefits of the MIC 1 but with a DIM–ON–DIM function. MIC 2 is an ideal control for reducing energy consumptions whilst still providing some level of illumination for extra safety.

DIM

Absence: luminaires are on at a courtesy preset dimmed level. Approximately 20% output and 1/3 total power.

ON

Occupancy detected: luminaires illuminate at full output.

DIM

Absence: after a preset time of absence, luminaires return to the courtesy preset dimmed level.

MIC 3

MIC 3 is the most flexible energy saving manual control with an OFF-ON-DIM-OFF function, permitting optimal light management.

OFF

Absence: luminaires are switched off.

ON

Occupancy detected: luminaires illuminate at full output.

DIM

Absence: after a preset time of absence, luminaires return to the courtesy preset dimmed level.

OFF

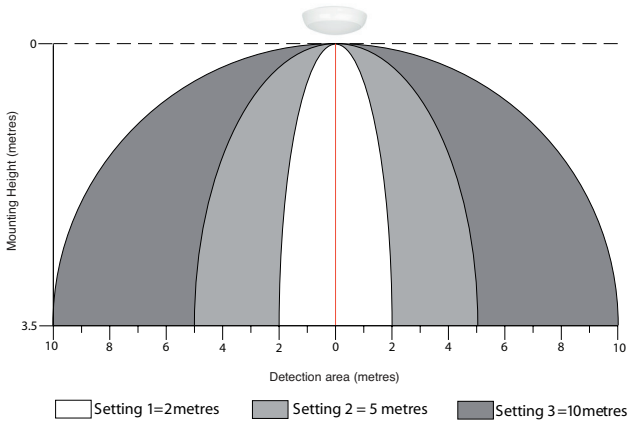
After continued absence over a preset time, luminaires switch off completely. If required, the 'off' function can be disabled to operate as a MIC 2.

MIC®

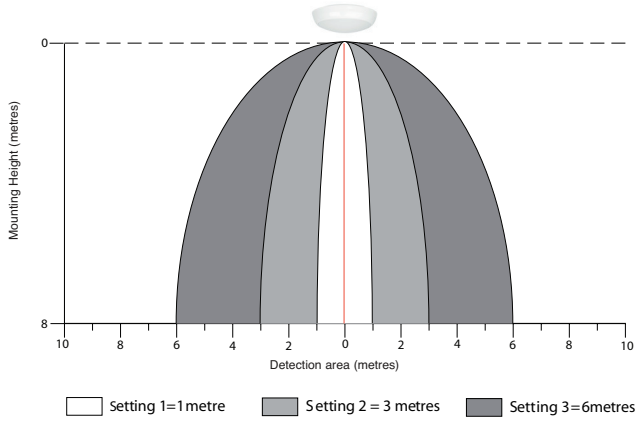
MIC Operating Functions and Features	MIC 1	MIC 2	MIC 3
Operating function	DIP Switch	DIP Switch	DIP Switch
Lux level adjustment	0–2000 lux	N/A	0–2000 lux
Time adjustment to courtesy preset dimmed level	N/A	5–30 mins	5–30 mins
Time adjustment to switch off completely	5–30 mins	N/A	10–30 mins
Sensitivity (range) adjustment	2–10 metres	2–10 metres	1–6 metres
Dimming level (iLite ballast/driver)	N/A	10/25/50%	10/25/50%
Detection angle	360°	360°	360°
Sensor maximum load (inductive)	600W	600W	600W

Detection Area

MIC 1 & 2



MIC 3



Typical Installation Options

Option One
The masters are all working independently for maximum energy efficiency to create a cascade effect. This is ideal for a retrofit installation.

Option Two
The master is working in conjunction with a slave to illuminate a specific zone. The master will control the slaves.

Option Three
The masters and the slaves are working in conjunction to illuminate a larger area.

Option Four
The masters are working together for increased efficiency and maximum sensitivity in a zoned area.

Option Five
The masters are working together for increased efficiency and maximum sensitivity in a larger area.