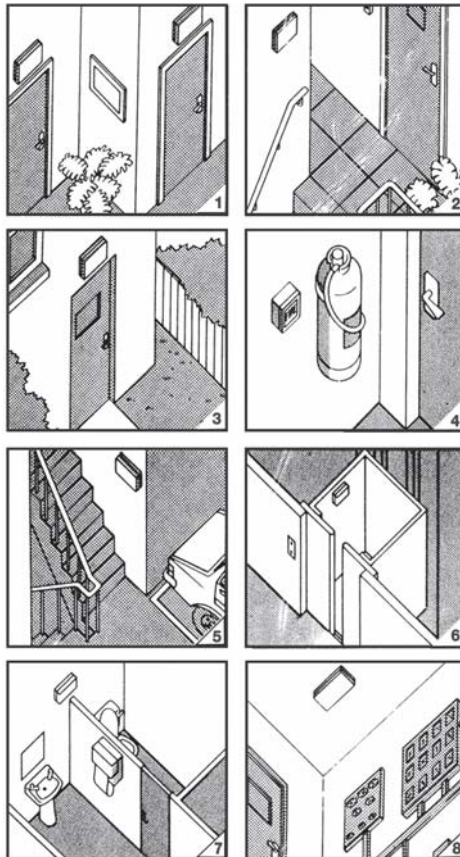


## DESIGNING YOUR EMERGENCY LIGHT

### POSITIONING OF LUMINAIRES

1. An escape lighting luminaire or directional sign should be sited near each exit or emergency exit.
2. At intersections of corridors and at changes of direction on route at each stair case so that each flight receives direct illumination and at any change of floor level which may constitute a hazard.
3. Outside each final exit point.
4. All fire alarm call points and fire fighting equipment along the escape routes should be adequately illuminated.
5. Pedestrian escape routes from covered car parks should have the same standard of emergency lighting as used in normal buildings.
6. All passenger lift cars should have selfcontained emergency lights.
7. Toilets exceeding 8 square metres should be illuminated.
8. Plant switching and control rooms should be equipped with emergency luminaires.



### LEVEL OF ILLUMINATION

A major requirement is a minimum level of illumination along the escape routes. Tables have been compiled as an easy reference to system design using selfcontained luminaires. The tables are invaluable for efficient system design ensuring compliance with legislation and standards.

Luminaires may also be required to illuminate other areas designated by local legislation, safety authorities or by the customer.

### MODE OF OPERATION

The MICRO POWER range includes models for Non Maintained, Main-tained and Sustained operation. In all cases the battery is charged by the AC supply when healthy, the battery powering the lamp when the AC supply fails.

#### NON MAINTAINED

Lamp(s) normally OFF Automatically illuminates in the event of AC supply failure.

#### MAINTAINED

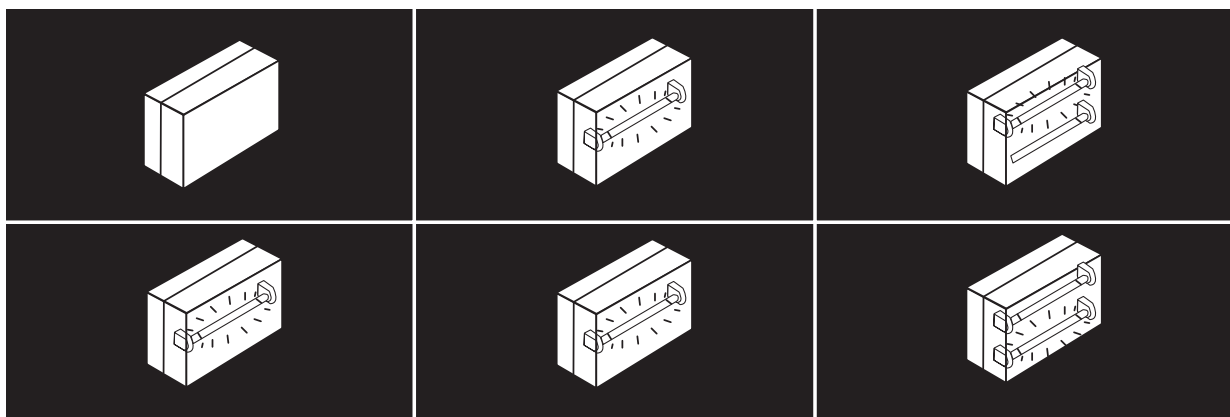
Lamp(s) normally ON Automatically switches over to the battery, and remains ON, when the AC supply fails.

#### SUSTAINED

\*Emergency lamp normally OFF An independent lamp(s) operates from the AC supply. In the event of AC supply failure, the independent lamp(s) will extinguish, and the emergency lamp will automatically come ON.

\*A switch link for normal switched lighting facilitates convenient local or central switching. In the event of an AC supply failure, the emergency lighting lamp will automatically come ON regardless of the position of this switch

## A.C.SUPPLY HEALTHY



## A.C.SUPPLY FAILED

**NON MAINTAINED**

**MAINTAINED**

**SUSTAINED**