

## ICEL Emergency lighting pictorial checklist

### Part 1: General, lighting for escape routes

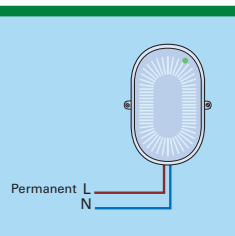
This Guide, reproduced by kind permission of the Industry Committee for Emergency Lighting, is the first part of the ICEL Emergency lighting pictorial checklist. This part deals with general escape route lighting. The remainder, Part 2 (NICEIC and ELECSA Pocket Guide 23) deals with emergency lighting for control rooms, high risk task areas and open areas.

The checklist was developed by ICEL for the use of building owners or occupants, to assist them in identifying significant deficiencies in emergency lighting provisions. However, it may also be used by electrical contractors and designers, for the same purpose.

As this Guide provides only a reminder of the main requirements, contractors involved in emergency lighting work should consult BS 5266 to ensure its recommendations and requirements are complied with, in the design, construction, verification and certification of the emergency lighting installation.

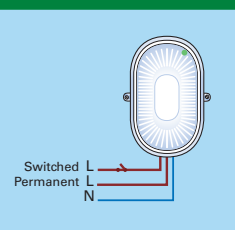
The Industry Committee for Emergency Lighting formulates and promotes standards for emergency lighting and provides guidance on that subject to specifiers, users and contractors.

### Checklist:



#### NON-MAINTAINED

The lighting only operates when the normal mains supply fails (emergency lighting).



#### MAINTAINED

The lighting operates normally and continues to operate when the normal mains supply fails (mains lighting and emergency lighting).

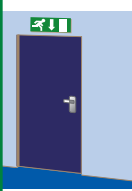
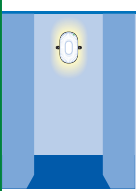
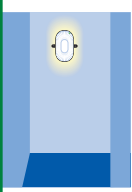
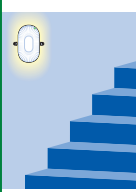
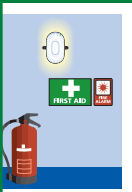

The ICEL checklist was produced in conjunction with the Fire Safety Advisory Board.

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Emergency lighting is required at the following locations:

	<b>FINAL EXIT</b> To provide illumination of escape routes.		<b>JUNCTIONS</b> Install within 2 metres of escape route junctions.
	<b>CORRIDORS</b> Install within 2 metres horizontal distance of a change of direction in an escape route.		<b>STAIRWAYS</b> Install within 2 metres horizontal distance of change in floor level or stairs (each tread to receive direct light).
	<b>ALARM AREAS</b> Fire alarms, first aid points and fire-fighting equipment, install within 2 metres horizontal distance.		<b>FINAL EXIT</b> Install externally within 2 metres horizontal distance of any final exits. Please note that sufficient light will be needed to muster a roll call.

## Lighting Requirements:

When luminaires have been sited to cover locations shown in this Guide, additional luminaires may be required to ensure minimum lighting levels are achieved – ICEL manufacturers provide spacing tables for this purpose. Spacing tables advise how far to locate the first luminaire, then how far apart other luminaires should be located for a given mounting height. Installation of luminaires to the spacings will ensure the lighting levels will be achieved.

### Escape route corridors etc:

1 lux minimum on the centre line of the escape route.

### Open areas:

0.5 lux minimum in the central core to within 0.5 m of the walls.

### Exit signs:

Signs should apply to the European Signs Directive and be either back illuminated or have an emergency luminaire within 2 m of horizontal height. Signs should be of the same format throughout the building.

### Further information:

For further information on installation design requirements, visit the ICEL website at [www.icel.co.uk](http://www.icel.co.uk)

[www.niceic.com](http://www.niceic.com)

[www.elecsa.co.uk](http://www.elecsa.co.uk)

[www.eca.co.uk](http://www.eca.co.uk)

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