

# RAPID LIGHTING CONTROL SYSTEM

The Lighting Control system provided by Cableplan is manufactured by CP Electronics and is known as the Rapid system. The Rapid system is a fully addressable lighting control system which combines state of the art technology with the flexibility to meet most lighting control applications. With the Rapid lighting control system it is possible to provide an economic, energy efficient and flexible lighting control solution. Rapid benefits all.

## CLIENT

The client is concerned with minimising costs, ongoing running costs and payback periods whilst having the flexibility to change building layouts to accommodate the needs of the tenants; Rapid satisfies each of these objectives. Rapid can be reconfigured easily to meet the needs of a new tenant with an easy to use programming handset or through a PC, eliminating traditional expensive rewiring costs. Other benefits include lower operating costs by reducing the amount of electricity the building consumes.

## CONTRACTOR

Rapid is designed to drastically reduce installation time. All products in the system are connected using industry standard plug and socket connections. A unique manual infrared facility enables the system to be configured prior to delivery, thus minimising final system commissioning.

## APPLICATIONS

- Commercial offices
- Educational establishments
- Public buildings
- Industrial
- Hospitals

## SPECIFIER

Rapid offers the design engineer the flexibility to realise sophisticated lighting systems, which would be costly and difficult using conventional wiring techniques. Rapid is a fully modular concept which can be incorporated into the building design with ease. Rapid also meets the criteria set out in part L of the building regulations.

## KEY FEATURES AND BENEFITS

<b>Modular Concept</b>	Simple to specify
<b>Plug in connections</b>	Quick to install
<b>Local and central configuration</b>	Easy set-up
<b>ELV switching</b>	Safe multi circuit switching
<b>Emergency testing</b>	Simple testing of emergency fittings
<b>Presence detection</b>	Increased energy saving
<b>Scene selection</b>	User comfort
<b>Daylight linking</b>	Maintained luminance / constant light level
<b>Corridor hold</b>	Maintains corridor lighting / ensures safe egress lighting
<b>Load shedding</b>	Reduce load under maximum demand/standby generator conditions
<b>10 output LCM</b>	Increased flexibility

## COMPONENTS

Rapid Lighting Control Module



Rapid Presence Detector



Rapid Bus Controller



Rapid Bus Terminator



Rapid Bus Backbone



Rapid Light Switch Interface



Rapid Interface



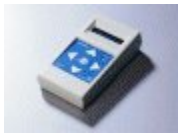
Central Test Unit



Computer



Rapid Programming Handset



Rapid User Handset



Cabling



## SYSTEM DESCRIPTION

With the Rapid lighting control system it is possible to provide an economic, energy efficient and flexible lighting control solution. The lighting control system has been used in variety of different applications, including homes, offices, restaurants, hotels, hospitals, museums, conference centres and schools. Lighting operation can be through detection, switches, remote control or timed events. Rapid is designed to drastically reduce installation time. All products in the system are connected using industry standard plug and socket connections, for plug and play installations. It is a fully addressable lighting control system which combines state of the art technology with the flexibility to meet all lighting control applications.

A unique manual infrared facility enables the system to be configured prior to delivery, thus minimising final system commissioning. The system is fully flexible to be reconfigured locally through an infrared handset or through a front end PC or after commissioning.

Luminarie time of operation can be recorded to provide maintenance schedules and monitor emergency battery pack life.

Lighting features that can be incorporated are scene setting, audio-visual and BMS systems interfaces, partition linking and other functions.

# Lighting System Control Network

