

Wiremaster®

WIRE
master

MOTIVATION

The Wiremaster® is a range of lighting installation and control products designed to reduce costs and increase flexibility. Wiremaster® is a highly successful product range that is widely used in office and retail developments to speed up installation.



APPLICATION

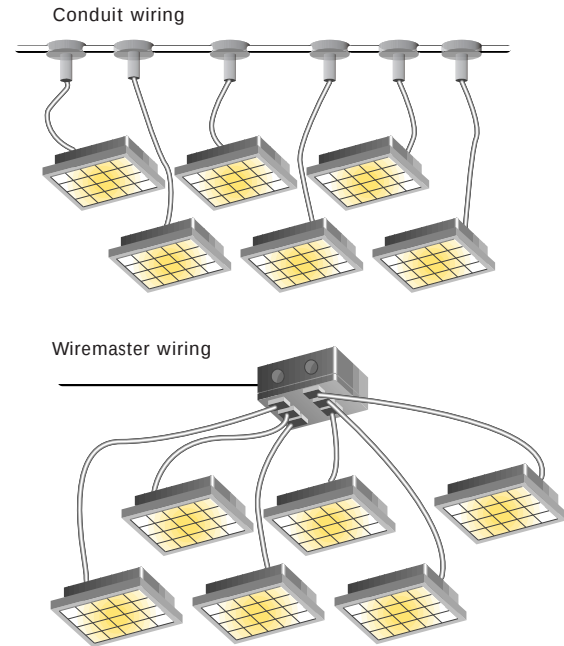
- Offices
- Industrial buildings
- Retail construction
- Shopping malls
- Public buildings
- Anywhere requiring swift and simple installation work

SPECIFICATION

- Labour costs reduced dramatically
 - By reducing the materials that need to be handled on site Wiremaster has shown that overall labour time savings of up to 70% can be achieved compared to conventional methods
- Common wiring to essential and non-essential lighting
 - Some versions of Wiremaster can be used to differentiate between designated 'essential' and 'non-essential' lighting eliminating duplicate wiring where standby generators are installed. Further significant material and labour savings are the immediate result
- Emergency lighting
 - All the Lighting Connection Units provide an unswitched supply for self-contained emergency luminaires. In addition these units may be specified with a mains failure simulation relay that can facilitate the basic testing of emergency luminaires
- Remote Control
 - Adding an Area Control Unit and a plain cable signal bus to a Wiremaster installation opens up a number of remote and automatic control options. The simply programmed Area Control Unit allows the connection of manual controls, a Building Management System or dedicated lighting controller. The Wiremaster Area Control Unit can easily link your lighting to your security system so that as you lock up the lights are automatically set to the pilot level or even turned OFF completely
- Local Control
 - All Wiremaster Lighting Connection Units can be switched locally using a conventional on/off rocker switch. In most versions the switch input is at Extra Low Voltage (ELV) and these units will also accept the connection of various presence detectors and multi function heads which add light sensing and infra red override
 - Basic Lighting Connection Units can be successfully used with luminaires equipped with Command 3 products.  (See page 126 for product details.)

THE ROUTE TO LOW COST LIGHTING

The Wiremaster® range includes a number of different Lighting Connection Units from basic multiple socket outlets to addressable versions with powerful control features. All are simple to install and set to work; and the lighting installation has a built-in flexibility that readily allows it to be altered to suit layout changes. All Whitecroft Lighting luminaires may be specified with flying leads and connectors that plug straight into the Wiremaster Lighting Connection Units.



Wiremaster®

ORDER CODES LOW COST LIGHTING MANAGEMENT

BASIC LIGHTING CONNECTION UNITS

WM80LCU/M	Basic Lighting Connection Unit with six Wieland ST18/4 luminaire socket outlets and facility to permit two local switch circuits.
WM80LCU/A	Lighting Connection Unit with two, independent, addressable relays, six Wieland ST18/4 luminaire socket outlets and two ELV switch inputs.
WM80LCU/ACL	Lighting Connection Unit with two, independent, addressable relays, six Wieland ST18/4 luminaire socket outlets, two ELV switch inputs and corridor link facility.

AREA CONTROLLER

WM80ACU	Area Control Unit, a programmable signal generator with 8 independent inputs and 16 control channels plus inhibit facility to define 'essential/non-essential' lighting.
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CENTRAL CONTROLLER

WM80CC	Central Controller, this unit is set up using through connection to a Personal Computer running LightWizard software. A Central Controller can operate up to 16 Area Control Units, each with their own 16 control channels. Automatic control functions are based on both time of day and daylight conditions.
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*Additional products available – please contact Whitecroft Technical Support.