

### Features

- 7 scenes of inbuilt memory with individual fade times
- 'Auto Start', starts a scene or program on power up
- Hardwired Analogue and DMX512 input
- Circuit breakers options: MCB / DP / RCBO fitted as standard
- Selectable dimming curves, pre-heat and max/min settings for each channel
- Phase and frequency auto detect
- Remote push-button and fader control of pre-set lighting levels without additional control gear
- Software 'lockout' on all user set options
- Low profile design case for both neat and quick installation
- 2 x 6mm screwed terminals per channel
- Easy internal access from the front of the unit while still installed and wired
- Triac, opto-isolator and zero cross modules replaceable without tools
- Processor controlled active ventilation system
- Optional 1-10v card for fluorescent or LED dimming.
- Optional emergency lighting relay board



### Overview

The low-profile, wall-mounting Paradime range is eminently well-suited to a wide variety of architectural lighting applications where leading edge dimming is permanently installed in a power room rather than in portable 19 inch racks.

It has applications in the workplace in maintaining environmental comfort levels and in addressing issues relating to health and safety and energy efficiency. It can be easily integrated into other building management systems such as fire and intruder alarms.

The system is suitable for a full spectrum of commercial, industrial, retail and leisure applications, audio-visual suites boardrooms and houses of worship.

Wherever lighting is applied to enhance the visual aesthetic, the designer will use dimming and preset scenes to manipulate the light sources. Requiring no specialist equipment to install or configure, and being of proven reliability, Paradime dimmers are a valuable component in any lighting control scheme.

Available in 3 phase, double pole RCBO and other various wiring configurations to order.

### Technical Specification

Power Requirements	Voltage 230V AC nominal (194-264V AC) Link selectable to 100-120V AC Frequency 48-62Hz Three phase + neutral + earth or delta Single phase + neutral + earth with links fitted (10A per channel models only)
Dimming Capacity	Six channels of dimming per dimmer unit Maximum load: 20A per channel/3-Phase. Minimum load All models 100W per channel
Control Inputs	Analogue 0 to +10V, (optional via 8-pin locking DIN) 20kOhm input impedance Phantom Power Output 100mA at 14V DC unregulated and current limited by 1k resistor USITT DMX512 (1990), (optional via XLR 5pin)
Output Connectors	Hardwired are fitted 2 x 6mm screw terminals per channel
Environment	Temperature 0-30°C Relative humidity 0-90% non-condensing Pollution Degree 2 Protection Classification IP30
Conformance	All Paradimes are designed to meet CE regulations covered by: LVD (using EN60439 and EN60950) EMC (EN55014 and EN50082-1)

ORDER CODE	DESCRIPTION
042-824	Paradime 6x20A wallmount HW Single Pole
042-824DP	Paradime 6x20A wallmount HW Double Pole
042-824RCBO	Paradime 6x20A wallmount HW HARD Wired
<b>Paradime Accessories</b>	
042-829	XLR/DIN Option Plate WM
042-845	Paradime Fluorescent 1-10V Card
042-847	Emergency Light Relay Card
042-860	Lightprocessor Systems Connect Enclosure
042-863	Lightprocessor Systems Connect PCB
042-866	Lightprocessor Systems Connect PSU
042-871	Systems connect scene card
042-867	Systems connect DMX interface PCB
042-868	Partition PCB

### Dimensions

**Packaging Dimensions (mm)**  
580 (L)  
480 (D)  
210 (H)

**Weights:**  
Net: 10.3kg  
Gross: 11.7kg

### Product Anatomy

Optional Delta wiring

Input terminals

Optional emergency lighting board

User replaceable zero cross modules

User replaceable triacs

User replaceable optos

DMX In/Out & analogue / control plate terminals

Outgoing terminals

Channel indicators

Menu Display and processor

### Lightprocessor

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