# PRODUCT SPECIFICATION

## MOD OFFICE

**Dextra**
GROUP PLC

MADE IN BRITAIN®
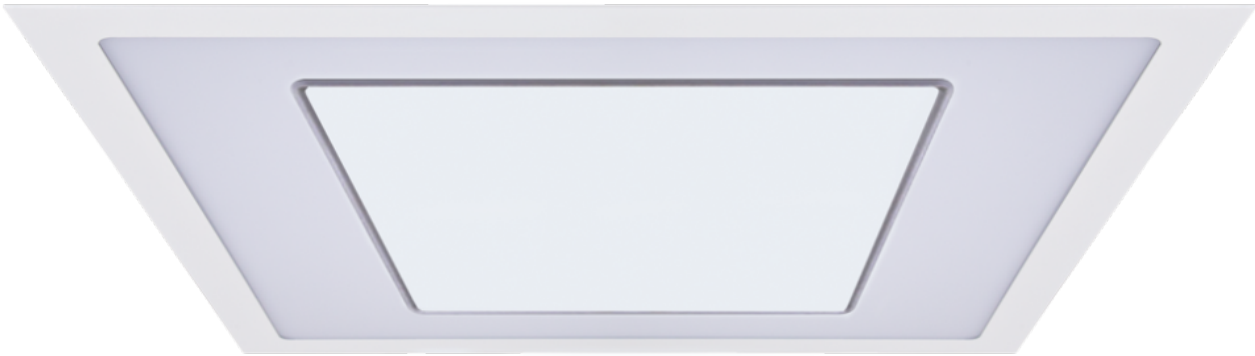
## INTRODUCTION

The MOD Office has been designed specifically for applications where monitors are used in areas such as classrooms and offices.

By using a central microprism optic with high transmission opal surround the MOD Office is designed to comply with the latest BSEN 12464 glare requirements for both the 3000 candelas per metre squared limit above 65 degrees and UGR19 in most room sizes. Excellent optical control is combined with a wide range of lumen outputs ensuring that 400 lux average can be achieved with spacings as large as 3 metres by 3 metres.  The MOD Office allows your installation to be designed with the minimum of luminaires, capital cost and energy consumption.

The MOD Office performance is combined with versatility with a range of options such as all common dimming variants white tunable, lithium emergency and a range of integral sensor options allowing you to further improve energy savings and return on investment. We offer a range of wireless control systems providing localised grouping and control as well as comprehensive wireless solutions allowing both standard and emergency luminaires to be centrally monitored.

| UK CA | CE | IP40 | TM21: L90>60K Hours / L80>90K Hours | 3 STEP MACADAM ELLIPSE | TP(a) |
|---|---|---|---|---|---|

## APPLICATION

- Canteen
- Commercial / Offices
- Corridor

- Education
- Healthcare / Social Housing
- Hotel / Leisure
- Industrial / Manufacturing
- Office
- Retail
- Transport
- Warehouse / Storage

## SPECIFICATION

CONSTRUCTION
- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Diffuser: Combined 2mm high transmission opal polycarbonate TP(a) rated and 2mm microprism anti glare PMMA
- IP40

PERFORMANCE
- Part L2 compliant
- BSEN 12464-1:2011 3000 Candela 65° and UGR 19 compliance
- 3SCDM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 123 luminaire lumens per circuit Watt.

ENVIRONMENTAL
- Designed to allow simple replacement of components with commonly available tools in compliance with the Eco Design Directive, please see the installation leaflet for maintenance instructions.
- Powered by European branded drivers and emergency modules ensuring replacement parts are easily sourced.
- Every luminaire is labelled with a unique ID number allowing easy identification of spare parts for the lifetime of the product.
- Contains no single use plastics or polystyrene packaging.
- Supplied in plain card boxes with paper tape ensuring packaging is easily recycled.
- Designed to allow simple disassembly for end of life recycling.
- UK based manufacturing providing local support throughout the product lifetime and minimising transportation miles.

EMERGENCY
- Available with optional standard, self test and autotest integral emergency with lithium batteries for extended warranty and lifetime.
- Optional Reacta-Link wireless emergency for automated centralised reporting.
- Optional Reacta-Control wireless emergency for automated centralised reporting.
- Optional central battery changeover relay

CONTROL

- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- Optional White tunable
- Optional Integral R44 presence and daylight sensor
- Optional Integral Reacta-Air wireless presence and daylight regulations sensor
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- Optional integral Reacta-Control for integration with Reacta-Control wireless installations

INSTALLATION

- Suitable for plasterboard installation when purchased with the appropriate plasterboard kit
- Alugrid 08 and 16 compatible options available. Please see miscellaneous ordering codes.
- Suitable for lay in installation in exposed T ceiling grids and pull up installation in SAS120, Armstrong Orcal 1800 and Burgess Clip-in ceiling, please specify lay in or pull up accordingly. Alugrid compatible variants available.

VARIATIONS

- Available with a wide range of colour temperatures and renderings
- Available in a range of housing sizes and lumen outputs
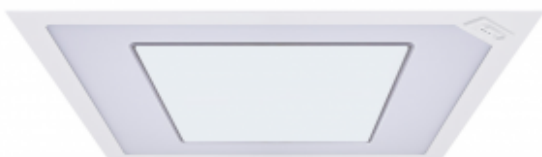- Available in 500x500 variants.

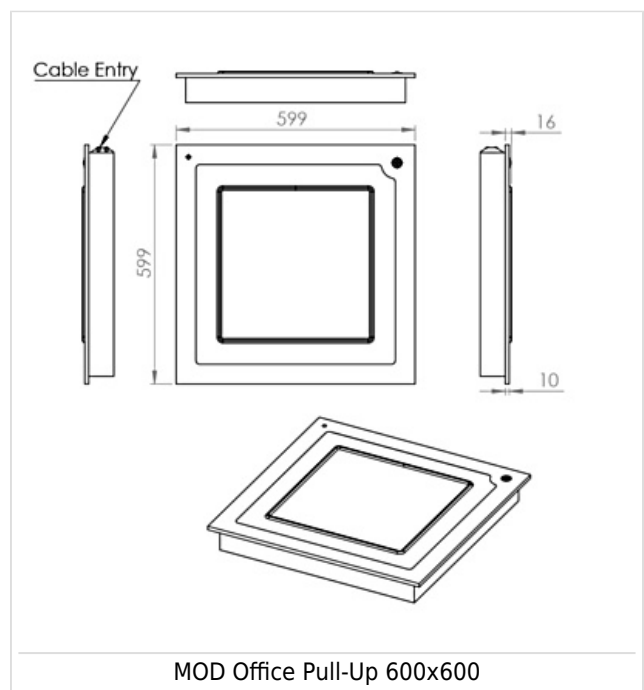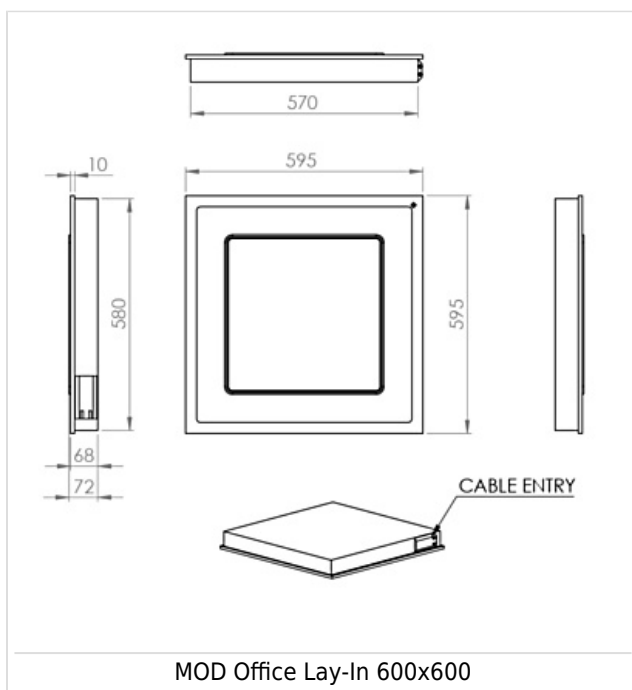## IMAGES

PRODUCT IMAGES



MOD Office 600x600



Tether Kit



MOD Office 600x600 with RAS

PROJECT IMAGES









# TECHNICAL



MOD Office Lay-In 600x600



MOD Office Pull-Up 600x600

## WARRANTY

At Dextra our commitment to service has been at the forefront throughout our history spanning more than forty years in the UK lighting market. Our service ethos extends beyond design and delivery, we believe supporting your installation throughout the warranty period is equally crucial, whilst the strength and longevity of Dextra Group provides peace of mind that our warranty will be supported throughout.

The Dextra range is supplied with a five year warranty commencing from the date of delivery. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years drivers, emergency modules, wireless modules, sensors and LED circuits will be supplied free of charge to replace defective components, labour and other associated costs are not included.

Certain ranges and components are subject to exemptions:

- Lithium batteries are provided with a three year warranty for parts and labour. Nickel Metal Hydride and Nickel Cadmium batteries are provided with a one year warranty for parts and labour.
- Emergency luminaires including AME LED, EXI LED, EXI2 LED, EXI Track, HBE LED, HBE2 LED, OAT2 LED, OEZ LED and Twinspot with Nickel Metal Hydride batteries are supplied with a one year warranty for parts and labour. Lithium variants of these ranges are supplied with a three year warranty for parts and labour with the exception of the AME2, EXI3, HBE3 and TWS IP65 L7 ranges which are supplied with a one year parts and labour warranty. TWS IP65 L7 in autotest and wireless variants are supplied with the standard three year lithium battery warranty.
- Protec Micro, PTECF7 Fire Rated Downlights, Serenus and the Opus Sconce are provided with a five year replacement luminaire only warranty. Protec FR Fire Rated Downlights are provided with a 2 year replacement luminaire only warranty.
- Controls systems such as standalone sensors, switches, marshalling boxes and cabling are provided with a one year warranty for both parts and labour. DALI control systems are provided with a two year warranty for both parts and labour.
- LEDextra ranges are supplied with a three year parts or replacement luminaire only warranty with the exception of the IMPR RGBW, the Runway RBGW and the MOD RGBW. These three ranges are supplied with our standard five year warranty during which defects within the first three years will be repaired on site and the warranty includes both parts and labour. For the final two years free of charge replacement components only will be supplied to rectify any failures but labour and other associated costs are not included.
- LEDEX ranges are supplied with a three year replacement luminaire only warranty.

All warranties are subject to correct use of the product and will be invalidated by misuse, for example incorrect installation, unsuitable environmental conditions or incorrect maintenance. It is the duty of the customer to ensure that all the fault lies with the luminaire prior to requesting replacement parts or site repairs. In the event that no defect is found with the product our costs for attending site will be recharged to the customer and credit will not be issued against returned products. No consequential losses incurred resulting from any defect with our product will be reimbursed.

Given the nature of LED technology a small percentage of LEDs may fail during the lifetime of a luminaire, this does not cause a reduction in lumen output. As such LED luminaires are only deemed to be faulty for warranty purposes when in excess of ten percent of LEDs have failed in a single luminaire

On site repair of products under warranty will be undertaken during normal working hours, 9am to 5pm Monday to Friday, and will require unrestricted access to luminaires. Where required Dextra will provide access equipment to carry out repairs at height, should luminaires have been installed in locations where reasonable provision for maintenance access has not been made we reserve the right to supply replacement product only.

If you require any assistance with regards to our products please contact our Customer Services department on 01747

858100.

DOWNLOAD WARRANTY PDF

# ORDER CODES

### LUMINAIRE

### LAY IN

| Code | Description | Power | Llm/W |
|------|-------------|-------|-------|
| MODRO L25 | MOD Office, Lay-In, 600x600, 1,900llm, Colour 84 | 15.9W | 119 |
| MODRO L31 | MOD Office, Lay-In, 600x600, 2,297llm, Colour 84 | 20.1W | 114 |
| MODRO L37 | MOD Office, Lay-In, 600x600, 2,767llm, Colour 84 | 24.4W | 113 |
| MODRO L45 | MOD Office, Lay-In, 600x600, 3,325llm, Colour 84 | 27.4W | 121 |
| MODRO L50 | MOD Office, Lay-In, 600x600, 3,711llm, Colour 84 | 30.9W | 120 |

For Alugrid compatible versions please specify lay-in luminaire with correct ALU suffix shown in miscellaneous ordering codes

### PULL UP

| Code | Description | Power | Llm/W |
|------|-------------|-------|-------|
| MODPO L25 | MOD Office, Pull-Up, 600x600, 1,900llm, Colour 84 | 15.9W | 119 |
| MODPO L31 | MOD Office, Pull-Up, 600x600, 2,297llm, Colour 84 | 20.1W | 114 |
| MODPO L37 | MOD Office, Pull-Up, 600x600, 2,767llm, Colour 84 | 24.4W | 113 |
| MODPO L45 | MOD Office, Pull-Up, 600x600, 3,328llm, Colour 84 | 27.4W | 121 |
| MODPO L50 | MOD Office, Pull-Up, 600x600, 3,711llm, Colour 84 | 30.9W | 120 |

For plasterboard ceilings please specify lay-in luminaire and appropriate plasterboard kit.

### DIMMING

| Code | Description |
|------|-------------|
| A | DALI Digital Addressable Lighting Interface |
| S | Switch Dimming |
| D | DSI Digital Dimming |
| H | HFR Analogue 1-10v |
| C | Bi-Level Dimming For Standalone Switched Sensor |
| WT | White Tunable (Lumen Outputs Vary from Standard) |

Please click here for full details on our white tunable offer.

### CONTROL

| Code | Description |
|------|-------------|
| R44 | Reacta 44, Presence & Daylight, 2.5-7M |
| RAS | Reacta-Air Bluetooth, Wireless, Presence & Daylight, 2.5-3M |
| RLI | Reacta-Link, Wireless Enabled Luminaire |
| RLS | Reacta-Link Wireless, Presence, 2.5-4M |
| RC | Reacta-Control, Wireless Enabled Luminaire |
| RCS | Reacta-Control Wireless, Presence, Daylight, 2.5-4M |

Please click here for full details on our wireless controls.

Please note, that we are able to offer absence detection sensors on request, please contact our Sales Department for more details.

Minimum dim level of 15%.

Sensor options are not available in 500x500 variants, please refer to the MOD UGR range instead

## EMERGENCY

| Code | Description |
| --- | --- |
| LE3 | Lithium Standard Emergency 3 Hour |
| LS3 | Lithium Selftest Emergency 3 Hour |
| LA3 | Lithium Autotest Emergency 3 Hour |
| LSTR | Lithium Reacta-Link Emergency 3 Hour |
| LA3RC | Lithium Reacta-Control Emergency 3 Hour |
| CB | Central Battery, Please Specify 50V, 110V or 230V when Ordering |

## MISCELLANEOUS

| Code | Description |
| --- | --- |
| C** | Select Colour Temperature and Rendering; C83, C84, C85, C865, C93, C94 |
| 4PM | 4 Pole Panel Mount |
| 6PM | 6 Pole Panel Mount |
| PBK 66 | 600x600 Plasterboard Kit |
| RECESSED TETHER KIT TWIN | Secondary fix twin drop. |
| LSF | Low Smoke Zero Halogen |
| ALU16 | Alugrid 15/16 Ceiling Compatible |
| ALU08 | Alugrid 15/08 Ceiling Compatible |