PRODUCT SPECIFICATION

RUBIX 4

INTRODUCTION

The Rubix 4 has been designed to offer an alternative to the traditional circular downlighter. The four optically controlled cells are ideally suited to applications that require minimal glare off axis such as bookmakers and electronics retailers who operate large banks of display screens, or office and school applications where glare must be effectively controlled. Available in two colour temperatures with variants to suit a wide variety of ceiling systems and a choice of coloured cell bezels to match in with your corporate branding, as well as all common dimming types or with integral lithium emergency. 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	IP20	TM21: L90>60K Hours / L80>90K Hours	3 STEP MACADAM ELLIPSE

APPLICATION

- Commercial / Offices
- Hotel / Leisure
- Retail

SPECIFICATION

CONSTRUCTION

- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Finish: Polyester powder painted RAL 9006 matt grey
- Finish: Polyester powder painted RAL 9005 matt black
- Diffuser: Injection moulded high transmission opal polycarbonate cell with miro silver aluminium inserts and injection moulded clip on bezel
- IP20

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 113 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 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
- Suitable for mineral fibre ceiling tile installation

VARIATIONS

- Available with a wide range of colour temperatures and renderings
- Available in a range of lumen outputs
- Available in white, black or grey finishes
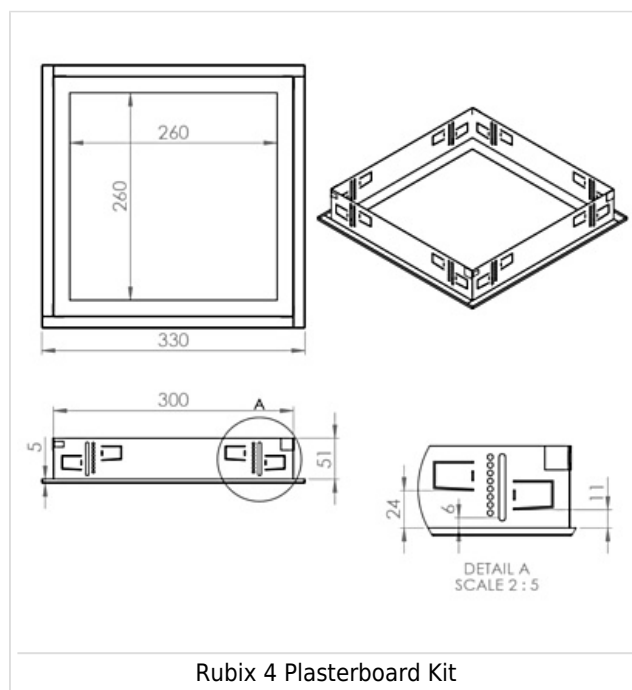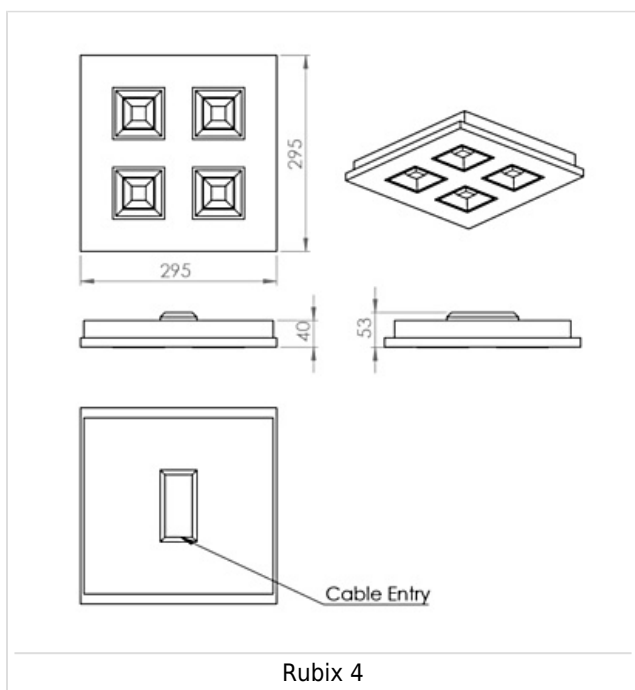- Available with a range of cell colours

IMAGES

PRODUCT IMAGES

Rubix 4

Rubix 4 Pull Up Kit

PROJECT IMAGES

TECHNICAL

Rubix 4

Rubix 4 Plasterboard Kit

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

Code	Description	Power	Llm/W
RBXRFL 33L20	Rubix Flush 4, Lay-In, 300x300, 1,591llm, Opal Cell, Colour 84	14.0W	113
RBXPFL 33L20	Rubix Flush 4, Pull Up, 300x300, 1,591llm, Opal Cell, Colour 84	14.0W	113

OPTIC

Code	Description
BLK	Black Cell
BLE	Blue Cell
ORA	Orange Cell
RED	Red Cell

Other cell colours are available on request subject to minimum order quantities and extended delivery times.

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface
S	Switch Dimming
D	DSI Digital Dimming
H	HFR Analogue 1-10v

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
RC	Reacta-Control, Wireless Enabled Luminaire
RCSS	Reacta-Control Standalone Sensor, Presence & Daylight 2.5-4M, Use with RC Luminaires
RLS REMOTE SENSOR	Reacta-Link Standalone Sensor, Presence, 2.5-4M, Use with RLI Luminaires (sold separately)
RAD	Reacta-Air, Wireless Enabled Luminaire
RASS	Reacta-Air Standalone Sensor, Presence, 2.5-4M, Use with RAD Luminaires (sold separately)
RASSD	Reacta-Air Standalone Sensor, Presence & Daylight, 2.5-4M, Use with RAD Luminaires (sold separately)

*Sensor supplied with luminaire for installation in adjacent ceiling tile.

Please click here for full details on our wireless controls.

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
BL	Black Finish
GY	Grey Finish
4PM	4 Pole Panel Mount

6PM	6 Pole Panel Mount
INFILL	Infill Rings to Suit Over Size Ceiling Cut Out, Please Specify Size when Ordering.
LSF	Low Smoke Zero Halogen
RBXR PBK 33	Plasterboard Mounting Frame