PRODUCT SPECIFICATION

RUBINI RECESSED MODULAR

Dextra
GROUP PLC

MADE IN BRITAIN ®
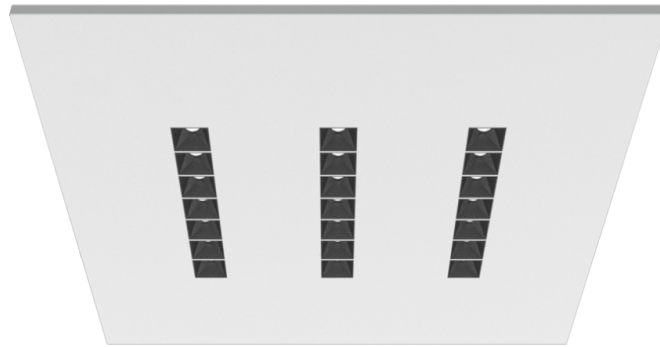
INTRODUCTION

Where lighting must be both discreet and attractive, the Rubini Recessed Modular provides the optimum solution with its modern and attractive cellular design. With excellent glare control of UGR 19 and performance exceeding 161 luminaire lumens per watt, the Rubini offers superb efficiency and architectural appeal whilst adhering to the strictest of lighting requirements. With a steel housing powder painted in white, injection moulded cellular baffle and front bezel and lensed optic to ensure consistent optical performance with excellent glare control and efficiency the Rubini Recessed Modular has been designed without compromise in materials or performance.

The Rubini Recessed Modular is available in 600x600, 1200x600 and 1200x300 sizes with multiple cell count and output options in each form factor ensuring the output can be tailored for a range of applications ranging from offices through to circulation and ancillary areas. With both lay in and pull up variants available the Rubini Recessed Modular can be tailored to suit most common ceiling systems and can be offered with air handling, integral sensors, integral lithium emergency and dimming options. 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
- Corridor
- Education
- Hotel / Leisure
- Office

- 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
- Lens: Injection moulded PMMA 80° with baffle in RAL9005 matt black, RAL 9016 matt white or copper
- IP20

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PERFORMANCE

- Part L2 compliant
- BSEN 12464-1:2011 3000 Candela 65° and UGR 19 compliance
- 3SDCM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 161 luminaire lumens per circuit Watt.

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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.

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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

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CONTROL

- HFR 1-10V analogue dimming
- 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

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INSTALLATION

- Suitable for lay-in installation in exposed T ceilings
- Suitable for pull-up installation in concealed grid ceilings
- Suitable for plasterboard installation when purchased with the appropriate plasterboard kit
- Alugrid 08 and 16 compatible options available. Please see miscellaneous ordering codes.

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VARIATIONS

- Available with a wide range of colour temperatures and renderings
- Available in a range of housing sizes and lumen outputs
- Available in white, black or grey finishes
- Available with a range of cell colours
- Available in custom versions to suit 300×300, 500×500, Alugrid and linear plank ceiling systems and air handling options.

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IMAGES

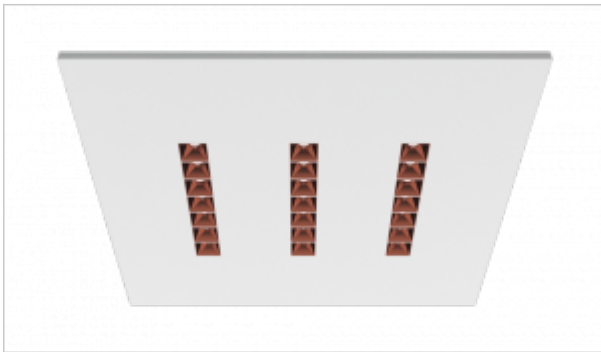**PRODUCT IMAGES**

Rubini 600x600 3 Cell White

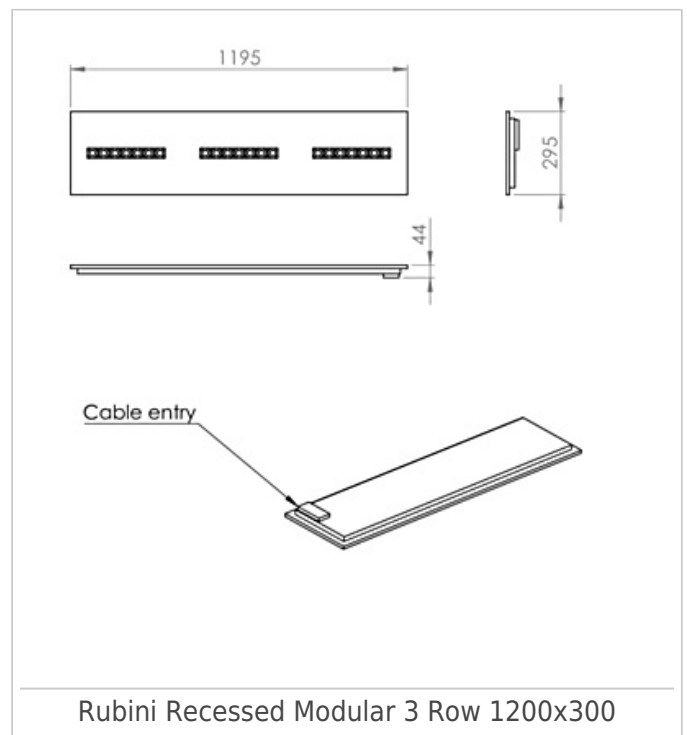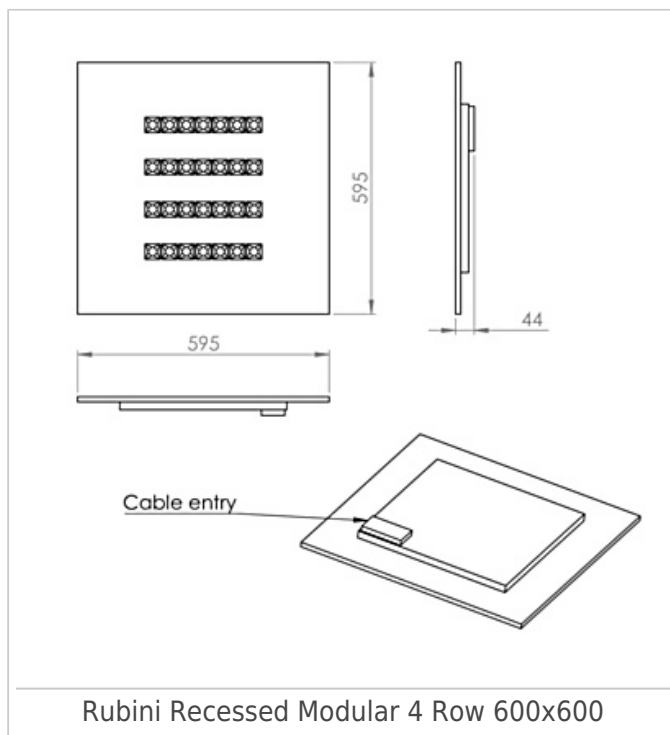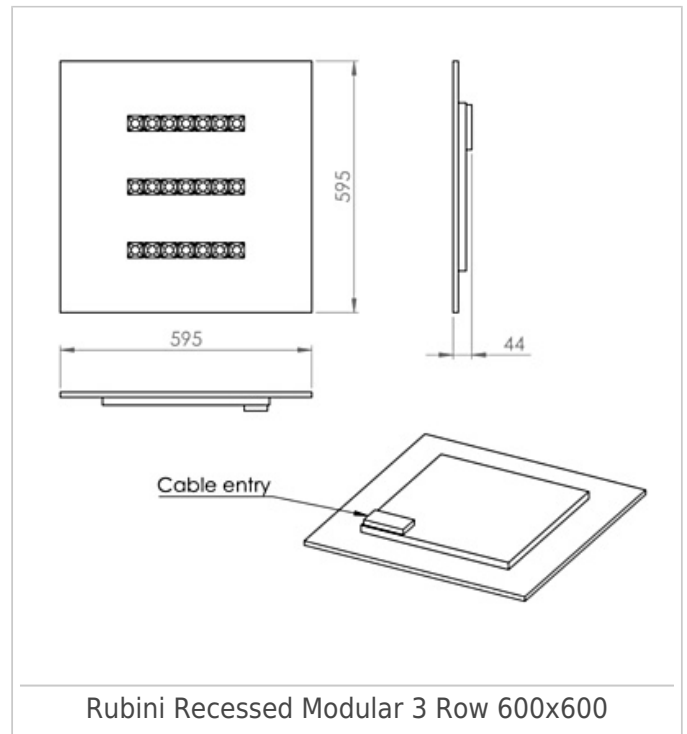Rubini 600x600 3 Cell Black
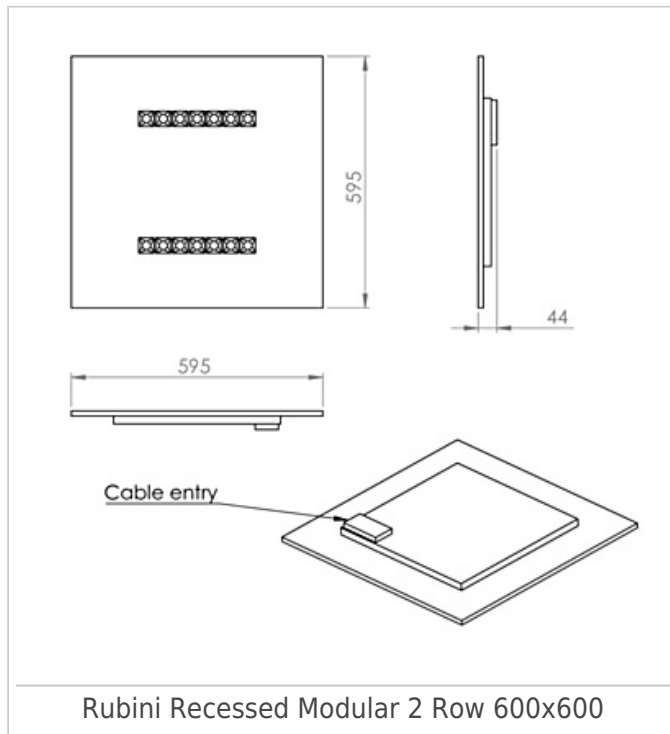

Rubini 600x600 3 Cell Copper

PROJECT IMAGES

TECHNICAL

Rubini Recessed Modular 2 Row 600x600

Rubini Recessed Modular 3 Row 600x600

Rubini Recessed Modular 4 Row 600x600

Rubini Recessed Modular 3 Row 1200x300

Rubini Recessed Modular 6 Row 1200x300

Rubini Recessed Modular 4 Row 1200x600

Rubini Recessed Modular 6 Row 1200x600

Rubini Recessed Modular 8 Row 1200x600
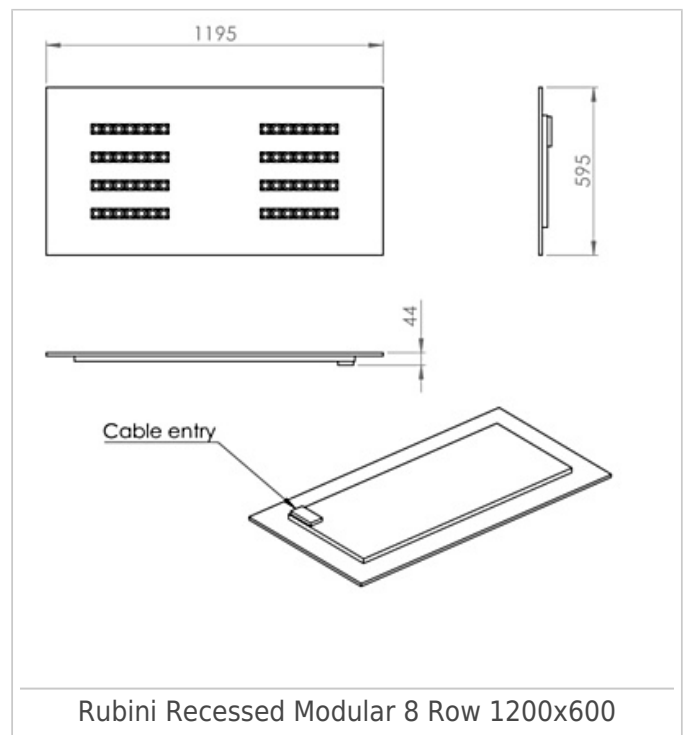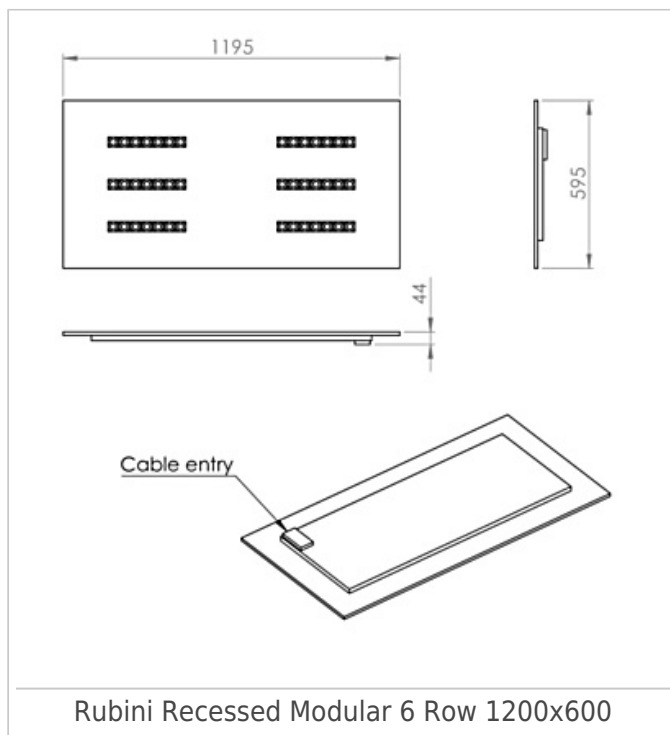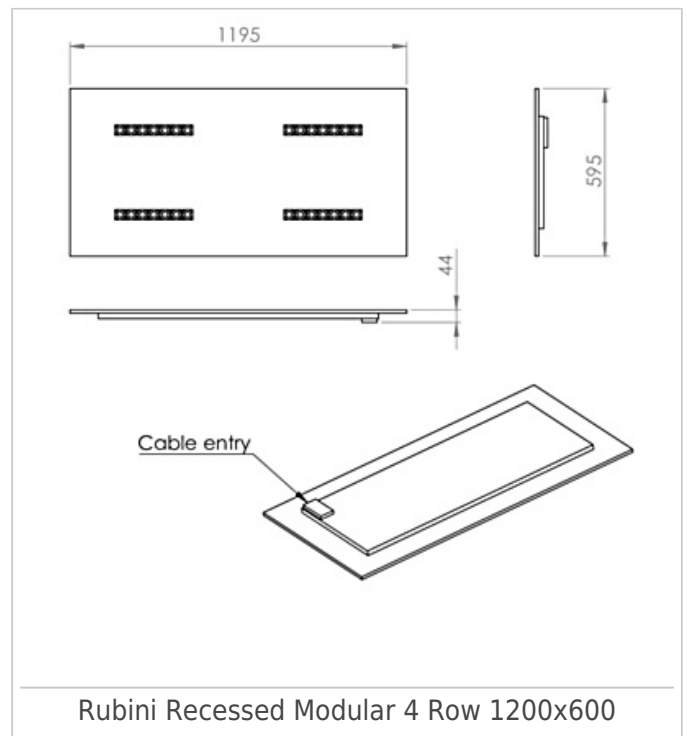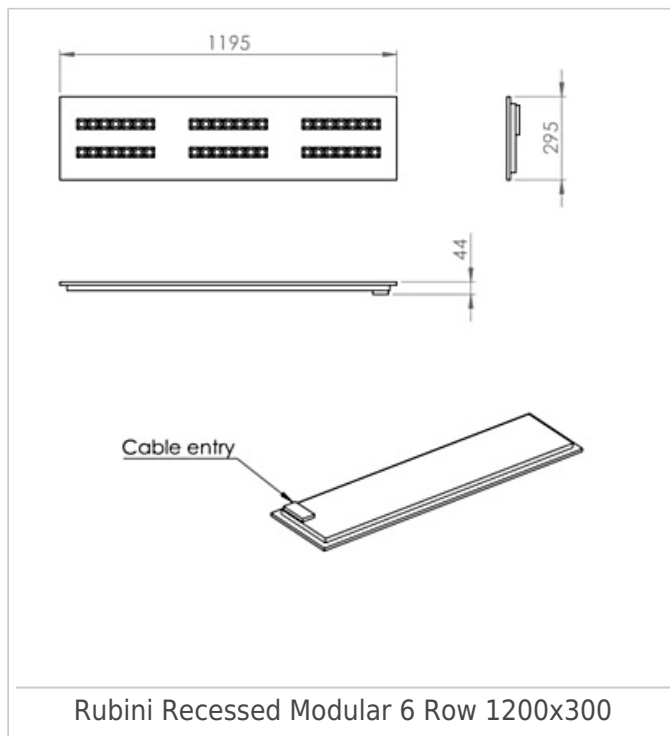
WARRANTY

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 five year warranty. 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 replacement batteries will be supplied free of charge to replace defective components. Five year warranty became effective as of 03/02/25, Lithium emergency luminaires supplied prior to this date are supported with a three year on site warranty only. Labour and other associated costs are not included. 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, EXI3, EXI Track, HBE LED, HBE3, OAT2 LED, OEZ2 and Twinspot are supplied with a one year warranty for parts and labour. Lithium variants suffixed with the 5YR part code, the Autotest emergency with the LA3 part code and wireless variants with LA3RC or LSTR part codes are supplied with a five year warranty. For these extended warranty variants for the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components.

- 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, the MOD RGBW, Tanek RGBW and the DexRing. These five 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.

- The Decorative Pendant ranges, Bebo, Dene, Nova, Fino and Stix are supplied with a 3 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. On site warranty repairs will only be undertaken on the mainland of the UK and Ireland, in all other locations replacement product only will be provided.

If you require any assistance with regards to our products please contact our Customer Services department on 01747 858100.

ORDER CODES

LUMINAIRE

Code	Description	Power	Llm/W
RBNR662 L23 **	Rubini Recessed, Lay in, 600x600, 2 Row, 2,063llm, C84	14.5W	142
RBNR663 L34 **	Rubini Recessed, Lay in, 600x600, 3 Row, 2,995llm, C84	20.9W	143
RBNR664 L46 **	Rubini Recessed, Lay in, 600x600, 4 Row, 4,126llm, C84	26.0W	158
RBNR1262 L43 **	Rubini Recessed, Lay in, 1200x600, 2 Row, 3,790llm, C84	24.5W	154
RBNR1263 L64 **	Rubini Recessed, Lay in, 1200x600, 3 Row, 5,682llm, C84	34.9W	162
RBNR1264 L86 **	Rubini Recessed, Lay in, 1200x600, 4 Row, 7,577llm, C84	46.8W	161
RBNR1231 L34 **	Rubini Recessed, Lay in, 1200x300, 1 Row, 3,039llm, C84	20.9W	145
RBNR1232 L69 **	Rubini Recessed, Lay in, 1200x300, 2 Row, 6,079llm, C84	37.6W	161

For Alugrid compatible versions please specify lay-in luminaire with correct ALU suffix shown in miscellaneous ordering codes
**Select housing and baffle colour from Optic
Luminaire lumen values based on white baffle

COLOUR

Code	Description
WW	White Housing / White Baffle
WB	White Housing / Black Baffle
WC	White Housing / Copper Baffle
BB	Black Housing / Black Baffle
BW	Black Housing / White Baffle
BC	Black Housing / Copper Baffle

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

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 & Daylight, 2.5M-5M
RC	Reacta-Control, Wireless Enabled Luminaire
RCS	Reacta-Control Wireless, Presence & Daylight, 2.5-4M

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 110V or 230V when Ordering

MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C85, C865, C93, C94
4PM	4 Pole Panel Mount
6PM	6 Pole Panel Mount
ALU16	Alugrid 15/16 Ceiling Compatible

ALU08	Alugrid 15/08 Ceiling Compatible
LSF	Low Smoke Zero Halogen

Rubini Recessed Modular Installation

Dextra GROUP PLC

220-240V / 50-60Hz
IP20

Terminal Labelling:
Power
L1	Switched Live
E	Earth
N	Neutral

Emergency
L2	Unswitched Live
DA/AT3	DALI Autotest
DA/AT3	DALI Autotest

Dimming
-/D1/DA	Analogue/DSI/DALI
+/D2/DA	Analogue/DSI/DALI
L3	Switch Dim / Corridor Function

Caution Risk of electric shock

WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598: specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. **LUMINAIRES WITH EMERGENCY PACK**: When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.
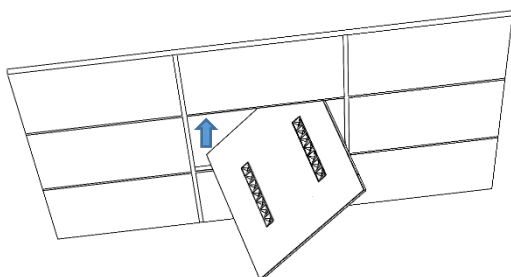
1.
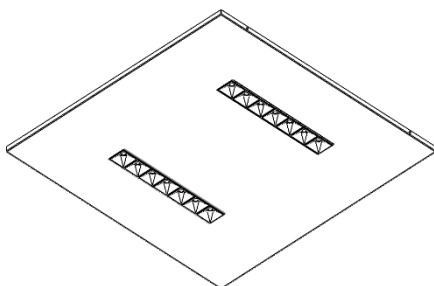
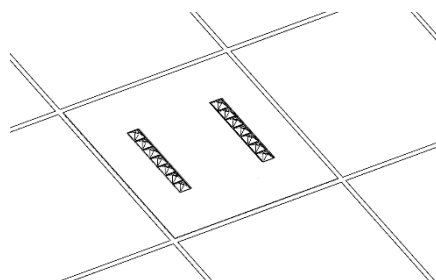Fitting will come complete and ready to install.

2.
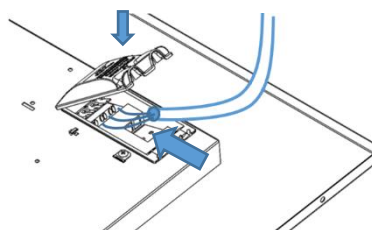
Wire the power supply into the terminal block. Then secure the back flap cover down to clamp the wire.

3.

Lift and tilt the light fitting up into the ceiling void.

4.

Drop the fitting down so that the front frame sits on to the ceiling grid. Installation is now complete.

Maintenance

1. Disconnect luminaire before undertaking any maintenance or cleaning.
4. Cleaning should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.
3. Use a pan pozi screwdriver to remove screws from back of housing.
4. Snap off baffles from lens. To remove lens use a flat headed screwdriver to remove plastic rivets.
5. Use a pan pozi screwdriver to remove components.
6. Please contact Dextra for assistance with spare component supply.

Driver

LED Circuit   Module

Plasterboard Kit Installation

Dextra GROUP PLC
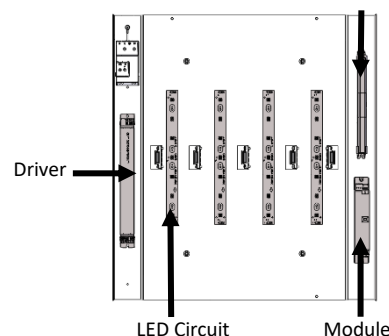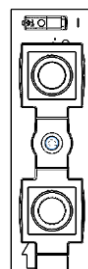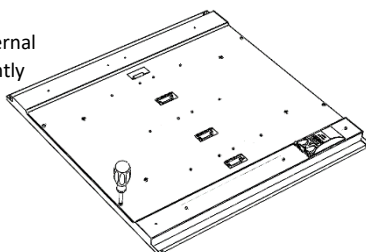
IP20
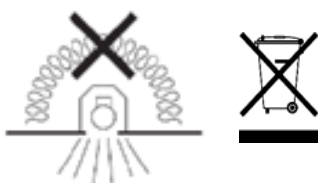
1. For use with lay-in luminaires

Cut out sizes:

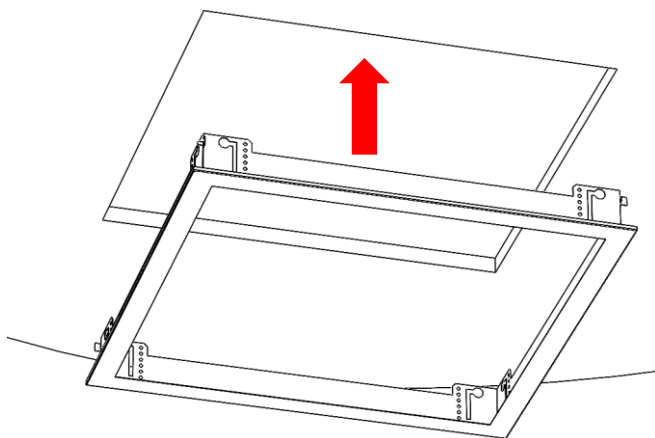600x600 PBK = 612x612mm

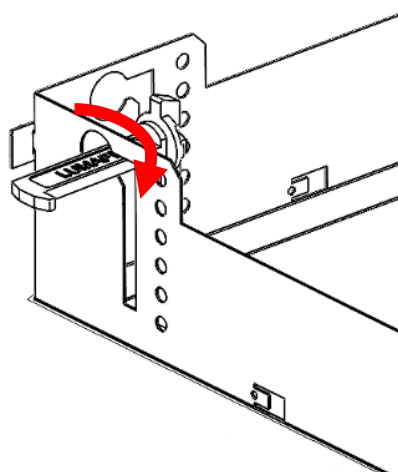1200x600 PBK = 1212x612mm

1200x300 PBK = 1212x312mm

2. Compatible fittings:

Rubini Recessed Modular
Rubix Recessed
Rubix Flush
MOD Office
MOD Slim
MOD UGR
MOD Curve
MOD Caelus
Dual
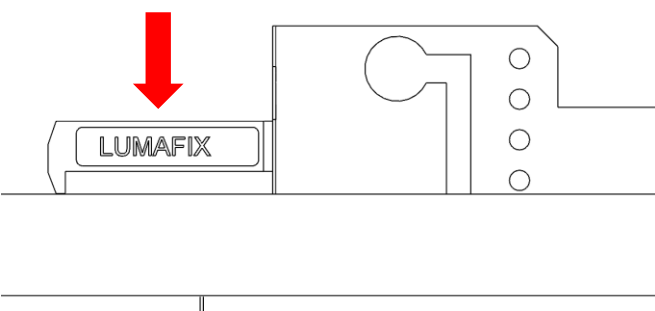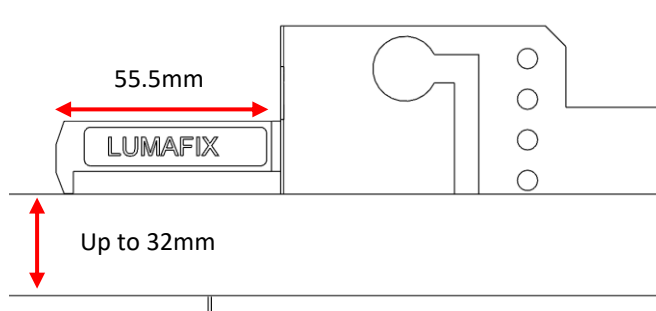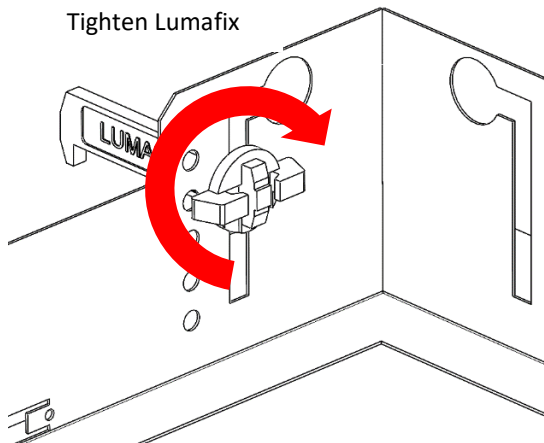Dual Square
Arcus Flush
Arcus Duo
Arcus Mono

3.

4.

5.

LUMAFIX

6.

55.5mm

LUMAFIX

Up to 32mm

Ceilings with thickness up to 32mm

Plasterboard Kit Installation

7. Tighten Lumafix

8.

200 (min)
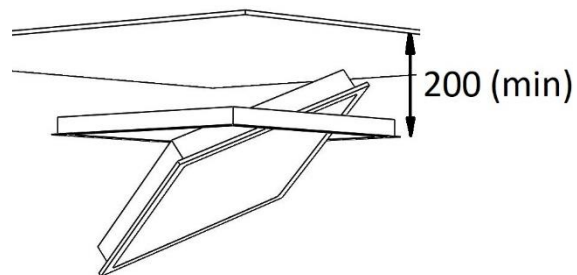
Luminaire is designed to simply lift and tilt in to aperture resting on back of plasterboard kit.
NOTE Minimum void to install.