

PRODUCT SPECIFICATION

RUBINI RECESSED



INTRODUCTION

Where lighting must be both discreet and attractive, the Rubini Recessed provides the optimum solution with its small form factor combined with a modern and attractive cellular design. With excellent glare control of UGR 16 and cutting edge efficiency in excess of 145 luminaire lumens per watt, the Rubini Recessed offers superb efficiency and architectural appeal. With an extruded aluminium housing, injection moulded cellular baffle and front bezel and lensed optic to ensure consistent optical performance with excellent glare control and efficiency the Rubini Recessed has been designed without compromise in materials or performance.

The Rubini Recessed sits flush in the ceiling and is ideal for both general and task lighting. White or black housing and white, black or copper cellular baffle options are available ensuring that the Rubini can blend into a range of architectural styles, and is available in two housing sizes, 300mm 7 cell or 600mm 14 cell as well as a range of dimmable options including Switch Dim, DSI, HFR or DALI.

	CE	IP20	TM21: L90>60K HOURS / L80>90K HOURS	3 STEP MACADAM ELLIPSE
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RUBINI RECESSED - APPLICATION

- › Commercial / Offices
- › Education
- › Hotel / Leisure
- › Office
- › Retail

RUBINI RECESSED - SPECIFICATION

CONSTRUCTION

- › Housing: High pressure die cast aluminium
- › Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- › 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

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 145 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.

CONTROL

- HFR 1-10V analogue dimming
- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- 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
- Suitable for metal ceiling tile installation
- Alugrid 08 and 16 compatible options available. Please see miscellaneous ordering codes.

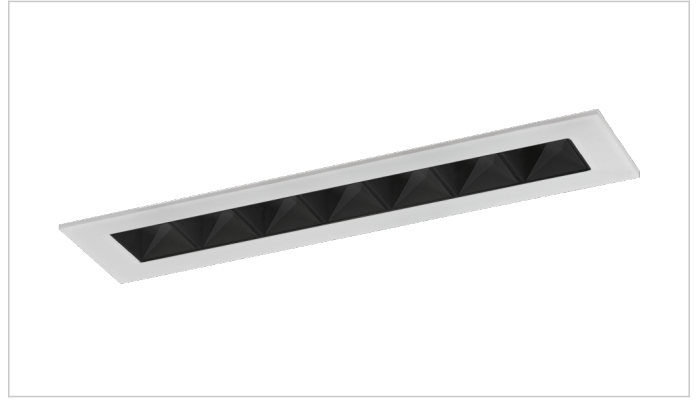
VARIATIONS

- Available with a wide range of colour temperatures and renderings
- Available in a range of housing sizes and lumen outputs
- Available in white or black finishes

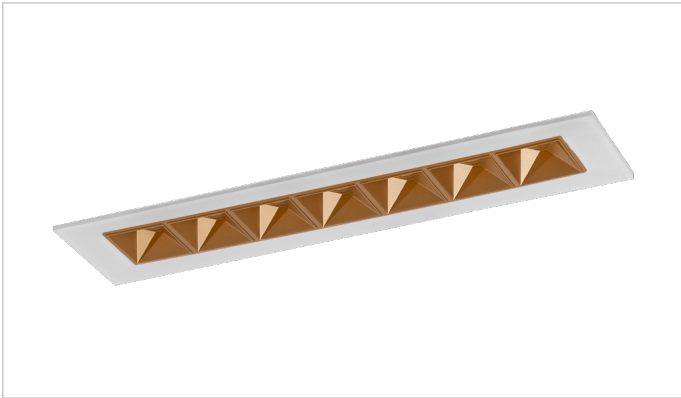
RUBINI RECESSED - IMAGES



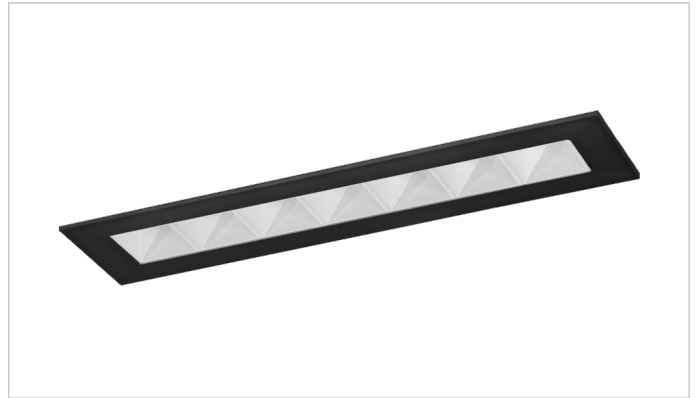
Rubini Recessed White Bezel White Baffle



Rubini Recessed White Bezel Black Baffle



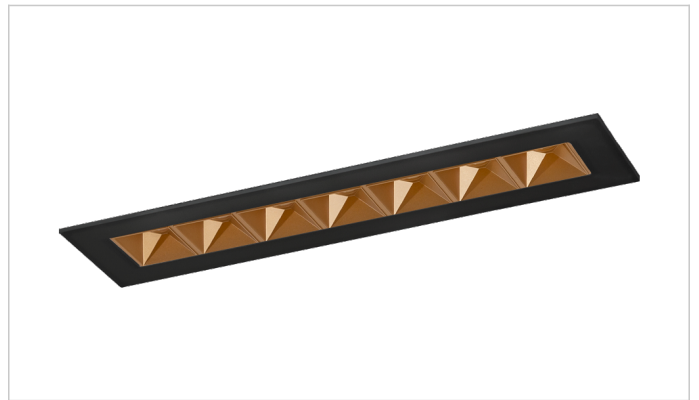
Rubini Recessed White Bezel Copper Baffle



Rubini Recessed Black Bezel White Baffle



Rubini Recessed Black Bezel Black Baffle



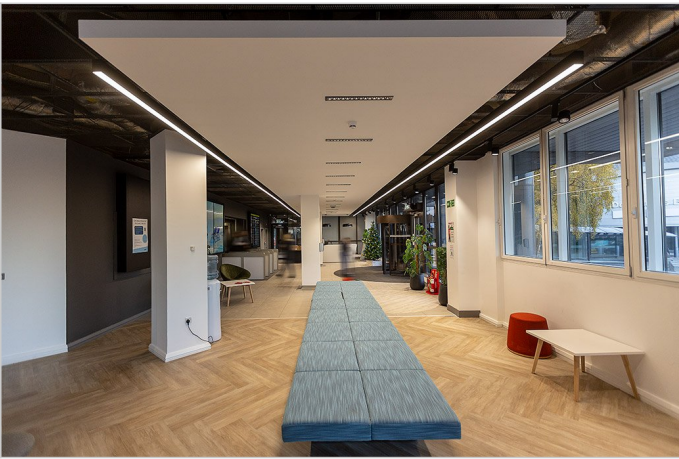
Rubini Recessed Black Bezel Copper Baffle



Olympic House at Manchester Airport using the Rubini Recessed



Olympic House at Manchester Airport using the Rubini Recessed



Olympic House at Manchester Airport using the Rubini Recessed

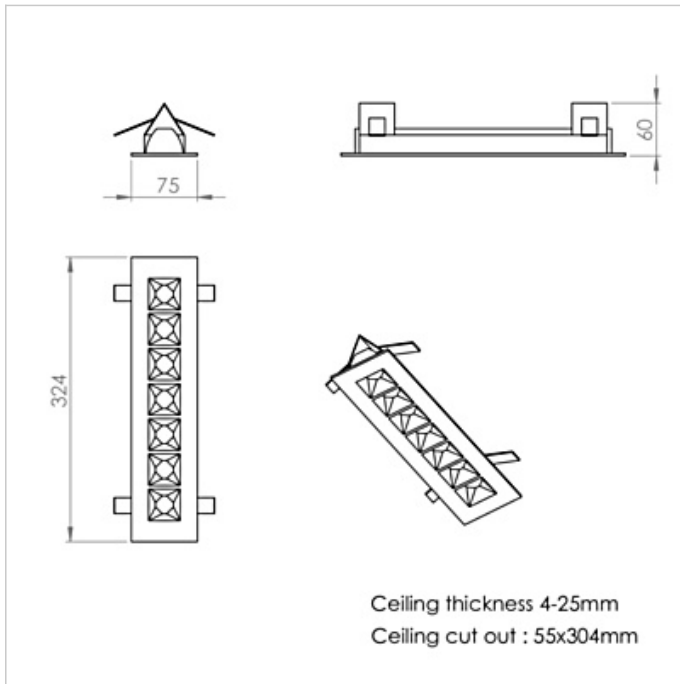


Olympic House at Manchester Airport using the Rubini Recessed & Runway Continuous Suspended

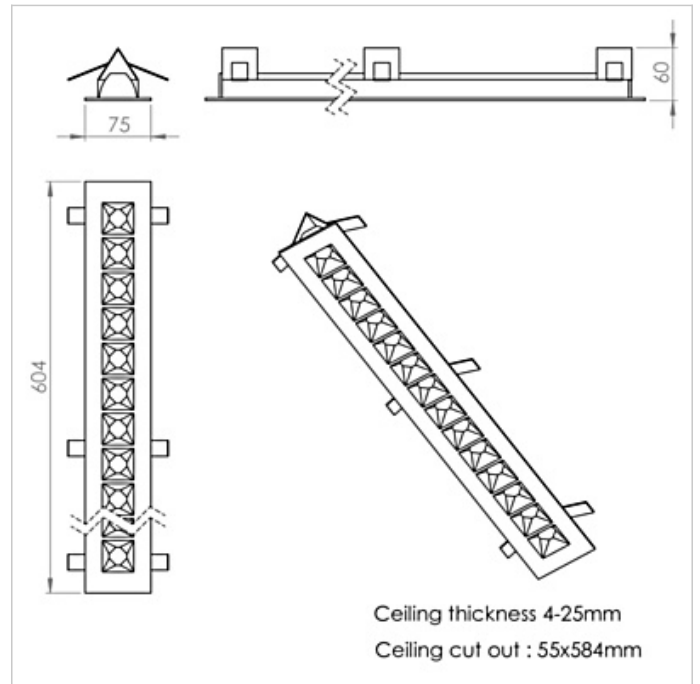


Olympic House at Manchester Airport using the Rubini Recessed

RUBINI RECESSED - TECHNICAL



Rubini Recessed 300mm



Rubini Recessed 600mm

RUBINI RECESSED - 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, EXI2 LED, EXI Track, HBE LED, HBE2 LED, OAT2 LED, OEZ LED 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 RGBW, 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.

RUBINI RECESSED – ORDER CODES

LUMINAIRE CODES

Code	Description	Power	Llm/W
RBNR7 L11 **	Rubini Recessed, 7 Cell, 300mm, 1,032lm, Colour 84	7.5W	138
RBNR14 L23 **	Rubini Recessed, 14 Cell, 600mm, 2,063lm, Colour 84	14.2W	145

For Alugrid compatible versions please specify lay-in luminaire with correct ALU suffix shown in miscellaneous ordering codes**Select housing and baffle colour from OptionsLuminaire lumen values based on white baffle600mm variants are only suitable for installation in 15mm exposed T ceilings. Do not specify for 24mm exposed T ceilings

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
RLI	Reacta-Link, Wireless Enabled Luminaire
RC	Reacta-Control, Wireless Enabled Luminaire

EMERGENCY

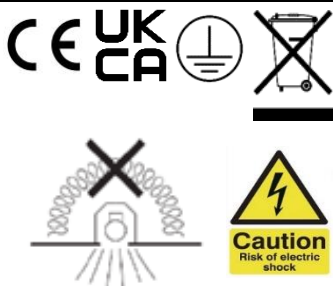
Code	Description
LE3	Lithium Standard Emergency 3 Hour
LS3	Lithium Selftest Emergency 3 Hour
LA3	Lithium Autotest Emergency 3 Hour
LSTR	Lithium Reacta-Link Emergency 3 Hour
LA3RC	Lithium Reacta-Control Emergency 3 Hour

MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C84, C85, C865, C93, C94
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
ALU16	Alugrid 15/16 Ceiling Compatible
ALU08	Alugrid 15/08 Ceiling Compatible

Rubini Accent / Recessed Installation

220-240V / 50-60Hz
IP20

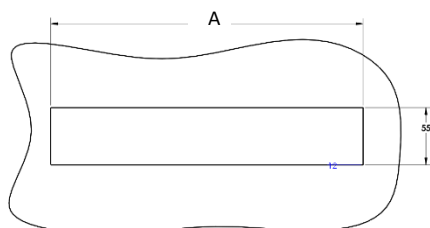


Terminal Labelling:

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

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 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.

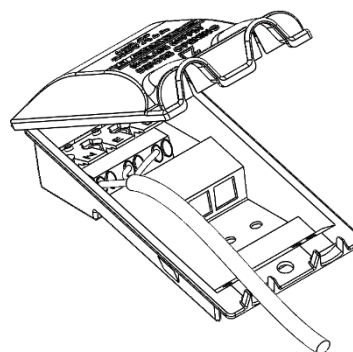


A

7 Cell	304mm
14 Cell	584mm

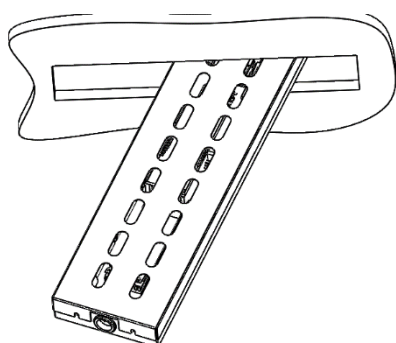
Ceiling thickness needed to be between 4-25mm

2.



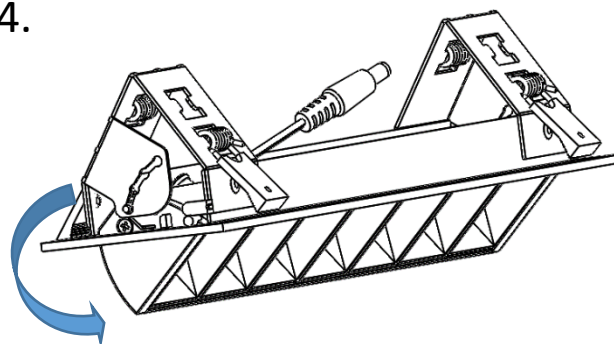
Wire into the allocated terminals.

3.



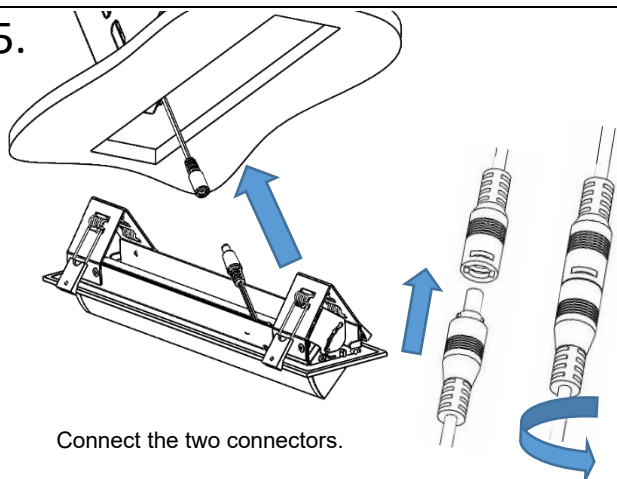
Lift remote box/ remote driver up through gap.

4.



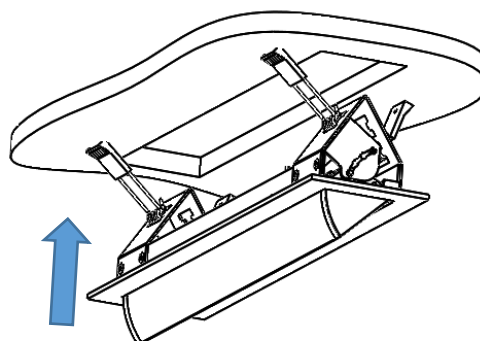
Determine what angle you want the fitting to point and rotate the luminaire into the required position.

5.



Connect the two connectors.

6.



Lift up the springs and raise fitting into the cut out. Use a pattress in the ceiling if required.

Rubini Accent / Recessed Installation

Maintenance

- 1 Disconnect luminaire before undertaking any maintenance or cleaning.
- 2 Cleaning should be undertaken on external parts of the luminaire only using a slightly damp lint free cloth.
- 3 Use a flat headed screwdriver to lever off end cap then slide fitting out from frame.
- 4 Use a pan pozi screwdriver to remove endcap.
- 5 Remove baffle to reveal lens.
- 6 Using same screwdriver remove lens from LED circuit.
- 7 Use a pan pozi screwdriver to remove components.
- 8 Please contact Dextra for assistance with spare component supply.

