PRODUCT SPECIFICATION

RUBIX LINEAR

INTRODUCTION

The Rubix Linear is ideal for projects where our standard product ranges are not compatible with your ceiling system. The unique design of the Rubix linear allows us to quickly and easily tailor this range project by project to suit most common ceiling systems on the market including any of the following:

- Linear Plank Ceilings
- 500×500, 750×750 ceilings or any other customised ceiling or tile aperture
- All concealed grid systems, SAS, Burgess, Armstrong amongst many others
- Chill beams
- Acoustic Rafts
- Air Handling Systems

The Rubix Linear dimensions, fixing method and ceiling compatibility, cell counts and cell and body colours can all be customised to suit the requirements of your installation and corporate theme. Alongside this versatility further customisation is available through a range of lumen outputs, compatibility with all common dimming systems and a range of integral lithium emergency control gear options. Wireless dimming and control can be offered with our Reacta-Dim system and Reacta-Link options are also available where web based control and reporting of luminaires is required. Simply let us know your requirements and we will be able to supply a Rubix Linear variant to suit.

This versatility does not come at the compromise of quality however. The cellular design of the Rubix Linear gives optimum performance in offices, schools and other applications, allowing maximum spacing of luminaires whilst maintaining compliance with the glare requirements of BSEN 12464 and the optic design gives amongst the most efficient performance in the Dextra recessed range.

UK CA   CE IP20 TM21: L90>60K HOURS / L80>90K HOURS 3 STEP MACADAM ELLIPSE

APPLICATION

- Commercial / Offices
- Education

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
- Specify your Rubix Linear to suit virtually any ceiling or raft system, in a wide range of lumen outputs, cell configurations and colour options.

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 132 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

- 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 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
- Standard product suitable for lift and tilt installation in exposed T ceiling systems.
- Easily customised to suit a wide range of ceiling types and installation methods such as Linear Plank Ceilings, 500×500, 750×750 ceilings or any other customised ceiling aperture, all concealed ceiling grids, SAS, Burgess, Armstrong amongst many others, Chill Beams and Acoustic Rafts, Air Handling systems.

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

IMAGES

PRODUCT IMAGES

Rubix Linear In Tile (supplied by others)

PROJECT IMAGES

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, the MOD RGBW and the Tanek 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.

- 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.

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
RBXL 123 L30	Rubix Linear, 1200x300, 6 Opal Cell, 2,494llm, Colour 84	21.5W	116
RBXL 123 L40	Rubix Linear, 1200x300, 8 Opal Cell, 3,236llm, Colour 84	24.6W	131
RBXL 153 L40	Rubix Linear, 1500x300, 8 Opal Cell, 3,303llm, Colour 84	24.9W	132
RBXL 153 L60	Rubix Linear, 1500x300, 12 Opal Cell, 4,974llm, Colour 84	39.3W	126

Some example codes are listed above for the Rubix linear in standard dimensions to suit lay in exposed T installations. The Rubix linear can be customised to suit a wide range of ceilings including lay in, pull up, linear plank, any ceiling or tile aperture, chill beam and raft systems. Please contact us for further details on your specific installation requirements and we will be happy to assist.

OPTIC

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

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, 2.5-4M
RCS	Reacta-Control Wireless, Presence, Daylight, 2.5-4M
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
AH25	Air Handling, 25 litres per second
BL	Black Finish
GY	Grey Finish
LSF	Low Smoke Zero Halogen