

# PRODUCT SPECIFICATION

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## RUBINI SUSPENDED PENDANT



## INTRODUCTION

Where lighting must be both discreet and attractive, the Rubini Suspended Pendant 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 160 luminaire lumens per watt, the Rubini Suspended Pendant offers superb efficiency and architectural appeal. With an extruded aluminium housing, injection moulded cellular baffle, front bezel and lensed optic to ensure consistent optical performance with excellent glare control and efficiency the Rubini Suspended Pendant has been designed without compromise in materials or performance.

The Rubini Suspended Pendant is suspended in a range of lengths, ideally suited to 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 a range of lengths and cell combinations, bi-directional variants as well.



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

## APPLICATION

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

### SPECIFICATION

#### CONSTRUCTION

- Housing: Extruded aluminium
- 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.
- UGR 16

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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

- Not available with emergency

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#### CONTROL

- Fixed output only.

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#### INSTALLATION

- Suitable for suspended installation
- Supplied complete with 1M suspension cable.

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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
- 5 variants of length and cell combinations.

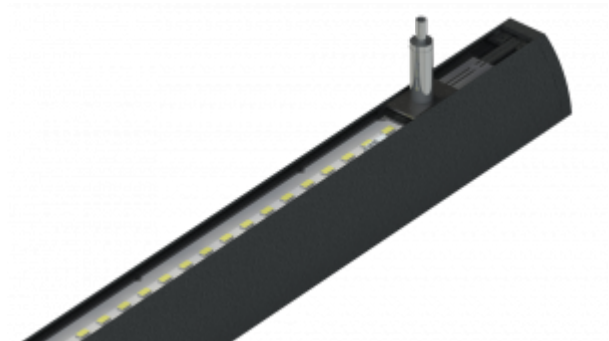
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## IMAGES

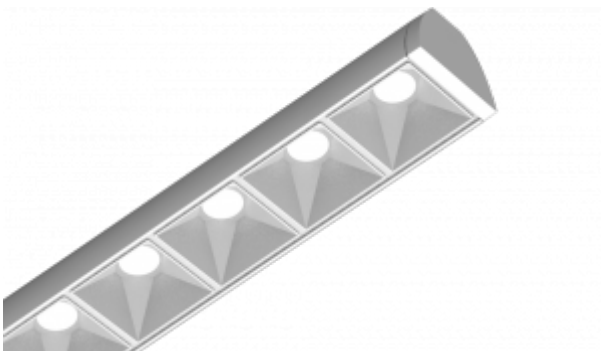
### PRODUCT IMAGES



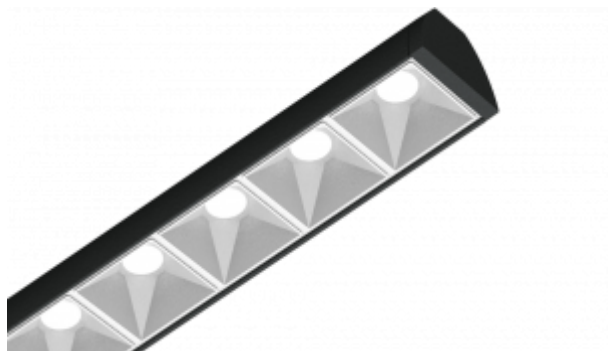
Rubini Suspended Pendant



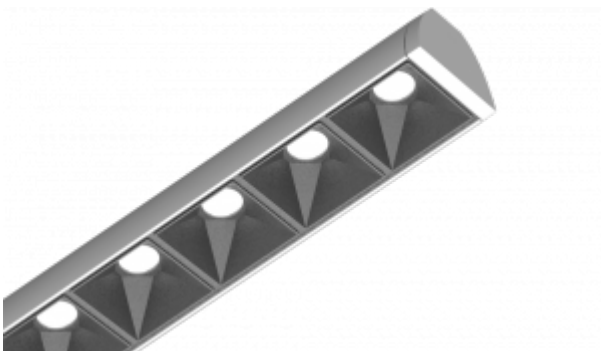
Rubini Suspended Uplight



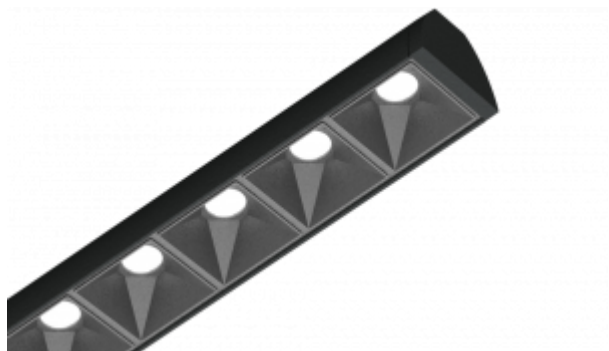
White Housing White Baffle



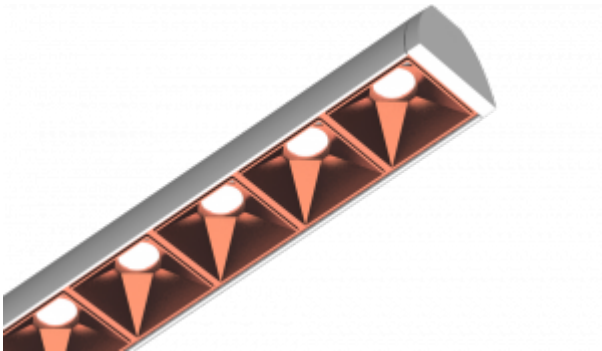
Black Housing White Baffle



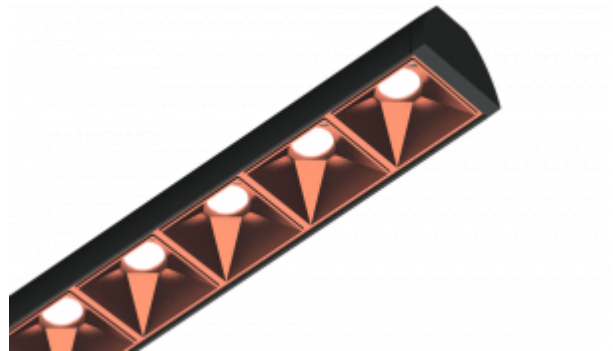
White Housing Black Baffle



Black Housing Black Baffle

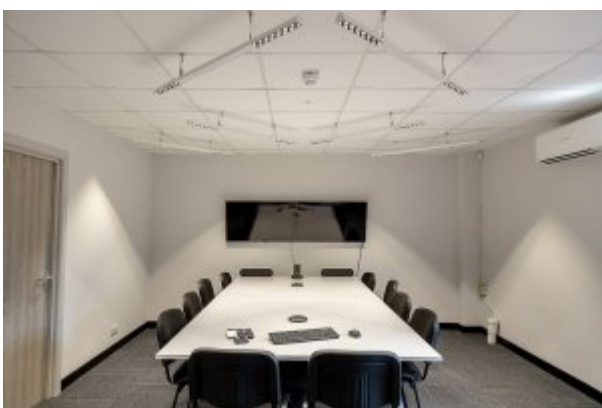


White Housing Copper Baffle



Black Housing Copper Baffle

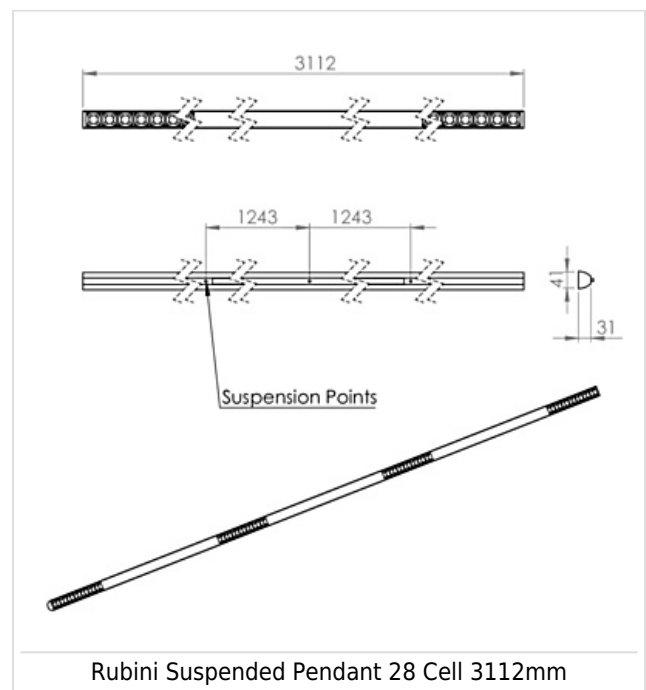
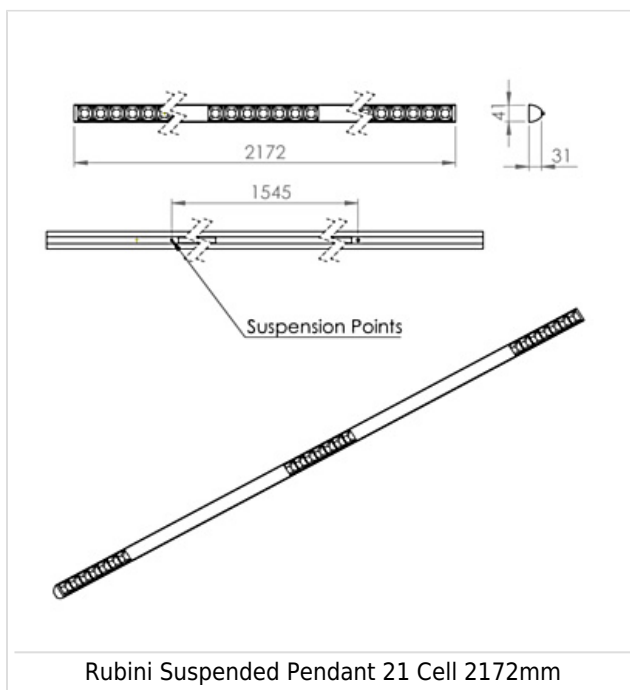
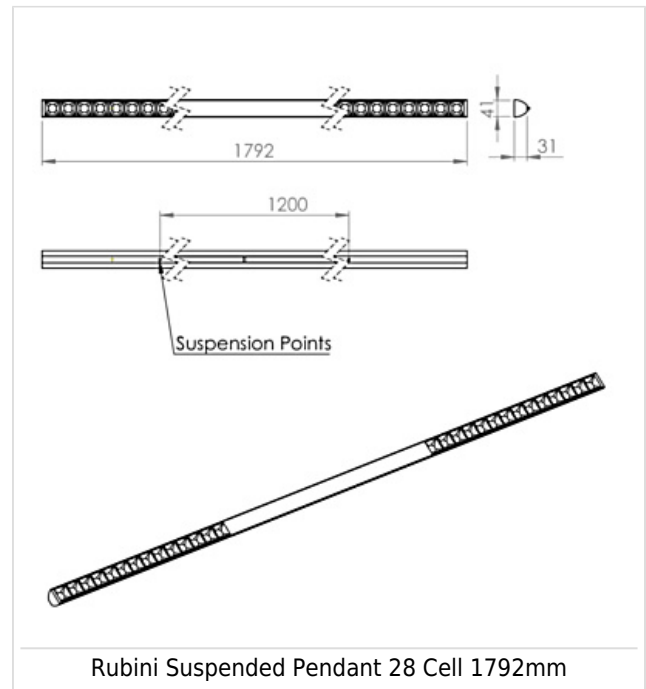
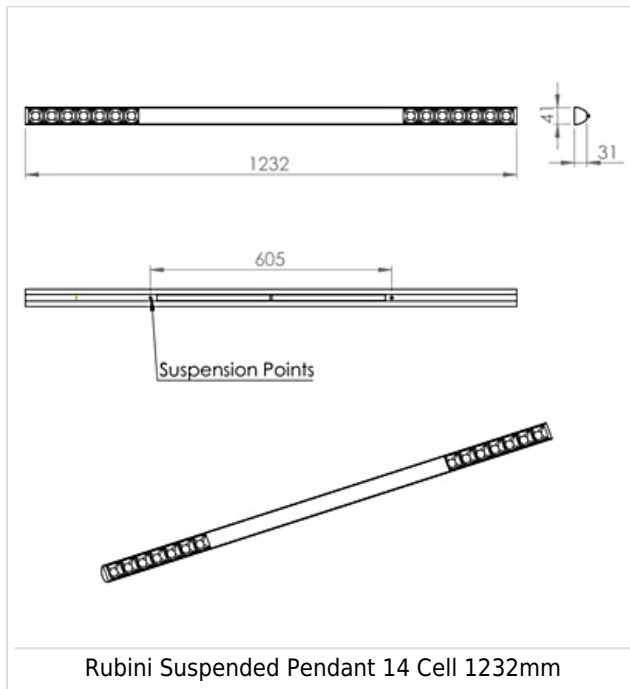
### PROJECT IMAGES

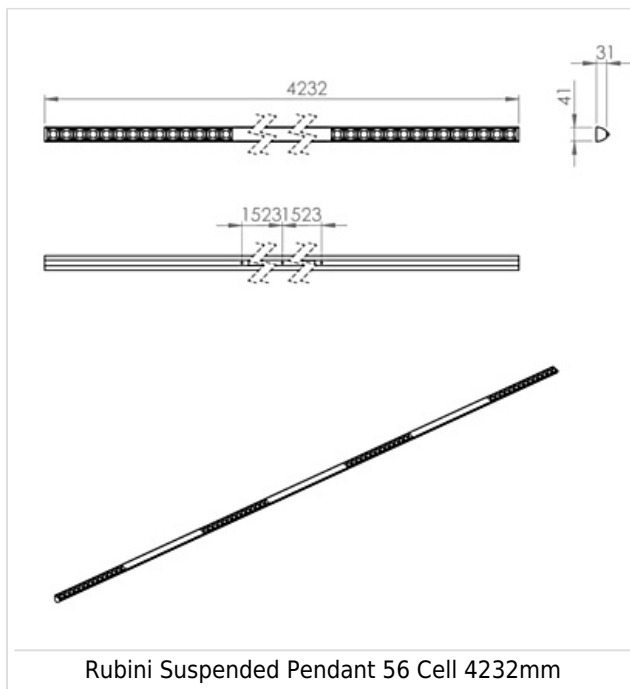


### TECHNICAL

# RUBINI SUSPENDED PENDANT

## PRODUCT SPECIFICATION





## 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 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.**

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## ORDER CODES

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### LUMINAIRE



# RUBINI SUSPENDED PENDANT

## PRODUCT SPECIFICATION

Code	Description	Power	Llm/W
RBNSP 12 14 L23 **	Rubini Suspended Pendant, 1,232mm, 14 Cell, 2,063llm, Colour 84	14.3W	144
RBNSP 17 28 L46 **	Rubini Suspended Pendant, 1,792mm, 28 Cell, 4,126llm, Colour 84	26.5W	155
RBNSP 21 21 L34 **	Rubini Suspended Pendant, 2,172mm, 21 Cell, 3,095llm, Colour 84	20.6W	150
RBNSP 31 28 L46 **	Rubini Suspended Pendant, 3,112mm, 28 Cell, 4,006llm, Colour 84	26.6W	150
RBNSP 42 56 L92 **	Rubini Suspended Pendant, 4,232mm, 56 Cell, 8,012llm, Colour 84	49.5W	161
RBNSP 12 14 L33 BD **	Rubini Suspended Pendant Bi Directional, 1,232mm, 2,974llm, Colour 84	19.7W	150
RBNSP 17 28 L56 BD **	Rubini Suspended Pendant Bi Directional, 1,792mm, 5,034llm, Colour 84	32.6W	154
RBNSP 21 21 L55 BD **	Rubini Suspended Pendant Bi Directional, 2,172mm, 4,917llm, Colour 84	31.7W	155
RBNSP 31 28 L67 BD **	Rubini Suspended Pendant Bi Directional, 3,112mm, 5,828llm, Colour 84	39.4W	147
RBNSP 42 56 L113 BD **	Rubini Suspended Pendant Bi Directional, 4,232mm, 9,834llm, Colour 84	65.2W	150

\*\* Select housing and baffle colour from Options.

Supplied with lead and suspension kit. Not available in emergency or dimming variants.

Supplied with white prewired flex as standard, black available on request.

Llm figures relate to white baffle variants.

## 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

## MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C827, C83, C85, C865, C93, C94
LSF	Low Smoke Zero Halogen

# Rubini Suspended Pendant Installation

220-240V / 50-60Hz

IP40

## Terminal Labelling:

### Power

L1 Switched Live  
E Earth  
N Neutral

### Emergency

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

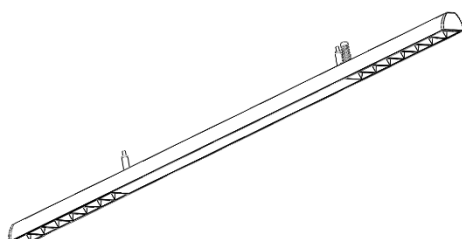
### Dimming

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



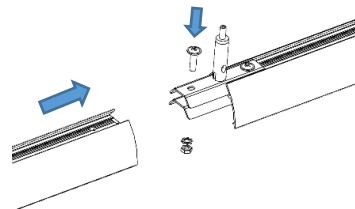
**WARNING:** Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested 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 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.



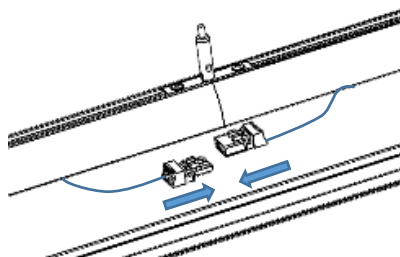
Fitting will arrive fully assembled with a flying lead apart from the two larger length versions (3112mm & 4232mm), these will arrive in two halves.

2. 3112mm & 4232mm lengths only – for shorter lengths skip to step 5.



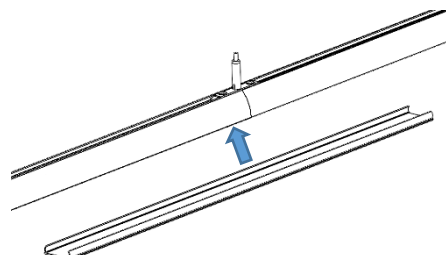
Join the 2 halves together and fix in place using the nut and bolt provided.

3.



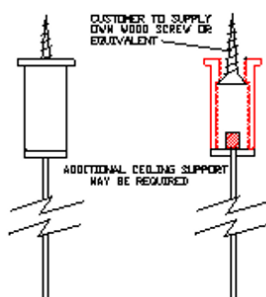
Electrically connect the 2 halves using the plug and socket and tuck inside of

4.



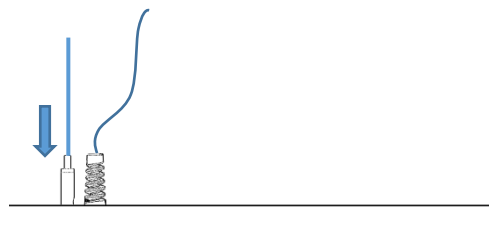
Push blanking cover into the extrusion to complete the fitting.

5.



Fix the suspension points to the ceiling at the specified centres.

6.



Pass suspension wire through the clutch on the back of the fittings and adjust to the required height. Connect the flying lead to the power supply.

# Rubini Suspended Pendant 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 To remove endcap use a pan pozi screwdriver to remove screws.
- 4 Remove baffle to reveal lens.
- 5 Use a pan pozi screwdriver to remove lens from LED circuit.
- 6 Remove centre cover from fitting to reveal gear tray.
- 7 Use a pan pozi screwdriver to remove components.
- 8 Please contact Dextra for assistance with spare component supply.

