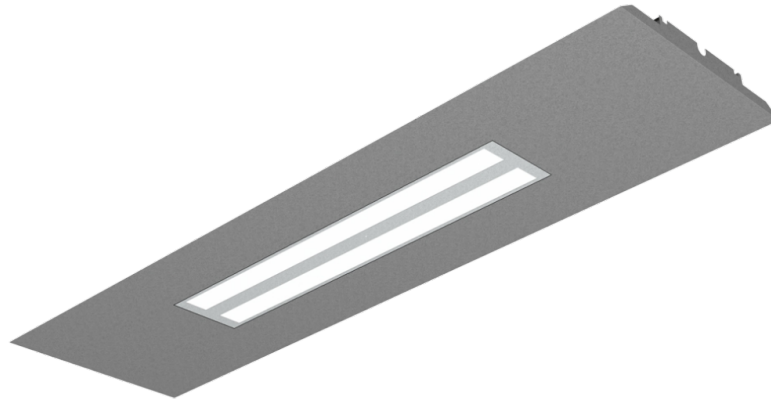


# PRODUCT SPECIFICATION

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## ACOUSTIC RAFT RETROFIT



## INTRODUCTION

With a wide selection of acoustic raft luminaires on the market containing costly sound absorption material it makes economic and environmental sense to upgrade these luminaires with an LED cartridge allowing the housing and acoustic material to be retained and reused. At Dextra Group we offer a wide range of retrofit solutions for most products on the lighting market including retrofit LED cartridges for acoustic rafts allowing you to upgrade your installation to highly efficient long life LED. In these retrofit solutions we can also accommodate dimming, integral emergency, sensors and our wireless controls systems offering significant energy savings and automated emergency testing reducing ongoing maintenance costs.

We offer effective retrofit solutions for all acoustic raft luminaires on the market regardless of size, lamp and optic type and we can offer solutions for both downlight and bidirectional variants. Please let us know the type of luminaire you have installed and we can advise on the most cost effective replacement available that will ensure effective performance without compromising the lux levels and uniformity of your installation. For peace of mind these solutions are fully certified with a CE mark and we provide our 5 year warranty against replacement LED cartridge as we do with all new luminaires.

**UK  
PA**

**CE**

**IP20**

**TM21: L90>60K HOURS / L80>90K HOURS**

**3 STEP MACADAM ELLIPSE**

## APPLICATION

- Retrofit solution for existing acoustic rafts

## SPECIFICATION

## CONSTRUCTION

- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Diffuser: 2mm high transmission opal polycarbonate TP(a) rated
- 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
- Compliant with BSEN 12464 3000 candela glare requirements and therefore suitable for applications with monitors in use.

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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

- 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-Control for integration with Reacta-Control wireless installations

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## VARIATIONS

- Available with a wide range of colour temperatures and renderings
- Available in a range of lumen outputs

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## INSTALLATION

- Retrofit LED cartridges for a range of acoustic rafts, please specify existing luminaire type when enquiring.

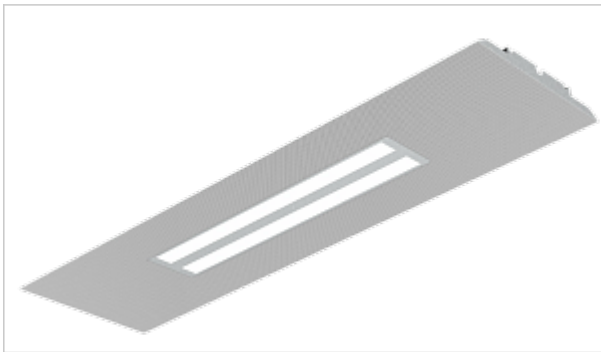
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## IMAGES

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### PRODUCT IMAGES



Acoustic Raft Retrofit



Acoustic Raft Retrofit

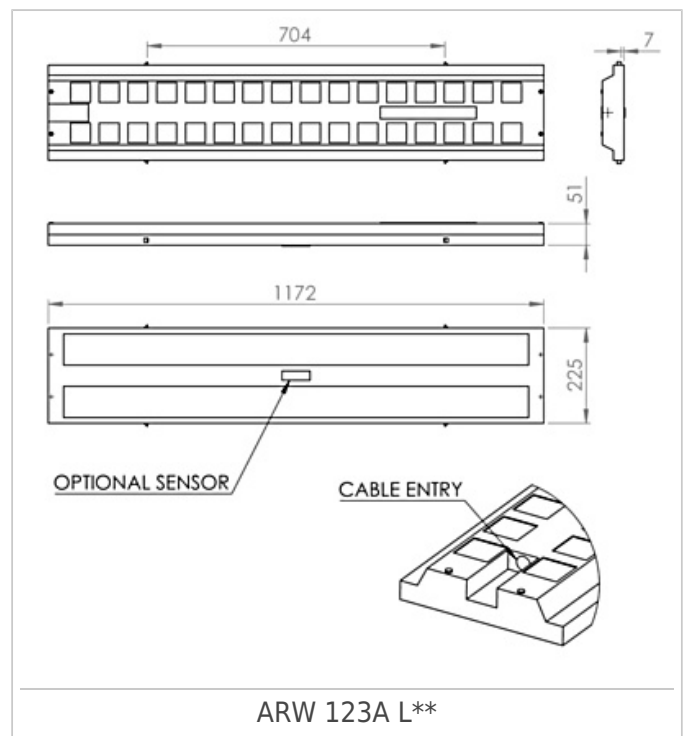
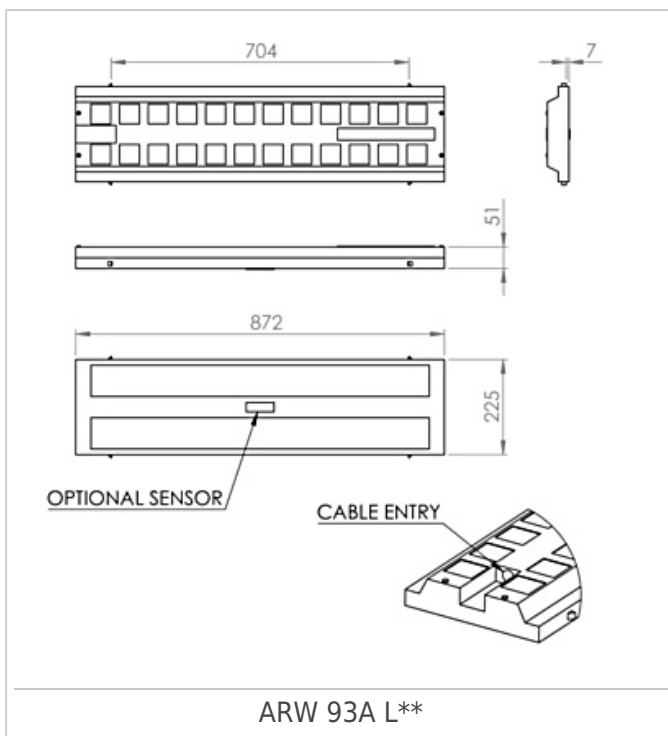


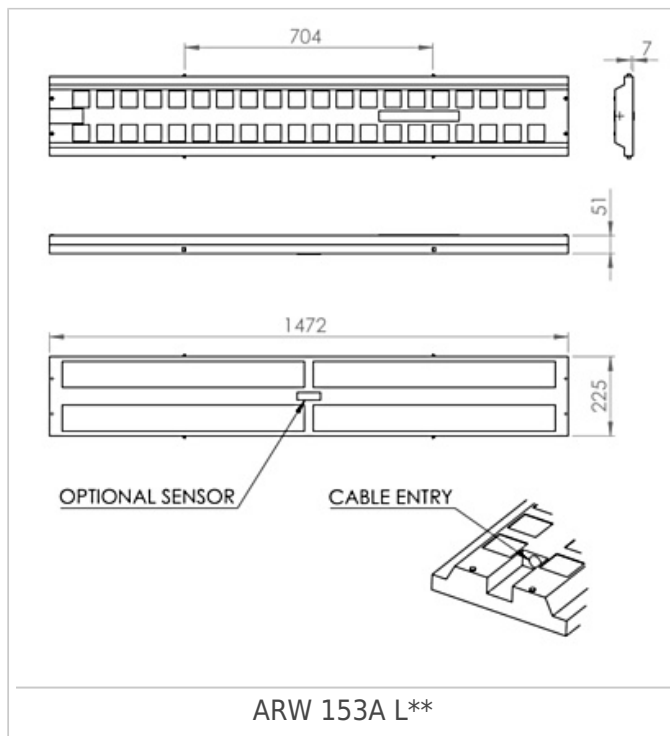
Acoustic Raft Retrofit



Acoustic Raft Retrofit

## TECHNICAL





## 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, O EZ2 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
AR* 093 L40	Acoustic Raft Retrofit, 900x300, Microprism Diffuser, Colour 84		
AR* 123 L40	Acoustic Raft Retrofit, 1200x300, 4000lm, Microprism Diffuser, Colour 84		
AR* 123 L60	Acoustic Raft Retrofit, 1200x300, 6000lm, Microprism Diffuser, Colour 84		
AR* 153 L40	Acoustic Raft Retrofit, 1500x300, 4000lm, Microprism Diffuser, Colour 84		
AR* 153 L60	Acoustic Raft Retrofit, 1500x300, 6000lm, Microprism Diffuser, Colour 84		
AR* 093 L40 BD	Acoustic Raft Retrofit, 900x300, Microprism Diffuser, Bi Directional, Colour 84		
AR* 123 L40 BD	Acoustic Raft Retrofit, 1200x300, 4000lm, Microprism Diffuser, Bi-Directional, Colour 84		
AR* 123 L60 BD	Acoustic Raft Retrofit, 1200x300, 6000lm, Microprism Diffuser, Bi-Directional, Colour 84		
AR* 153 L40 BD	Acoustic Raft Retrofit, 1500x300, 4000lm, Microprism Diffuser, Bi-Directional, Colour 84		
AR* 153 L60 BD	Acoustic Raft Retrofit, 1500x300, 6000lm, Microprism Diffuser, Bi-Directional, Colour 84		

Acoustic raft retrofit trays can be customised in size, lumen output and optic to suit all existing raft systems. Please specify your raft type when ordering.

### 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
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; C83, C85, C865, C93, C94
4PM	4 Pole Panel Mount
6PM	6 Pole Panel Mount
4TW	4 Pole Through Wire Loom
6TW	6 Pole Through Wire Loom
6T	6 Pole T piece
LSF	Low Smoke Zero Halogen