PRODUCT SPECIFICATION
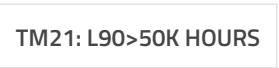
DEXRING

INTRODUCTION

The DexRing is the quintessential product for atriums, receptions, high-end retail and office applications where the lighting must fulfil both functional and decorative purposes. With three housing sizes up to two metres in diameter the DexRing can create dramatic statement pieces, especially when multiple luminaires of varying diameters are combined in a collage installation. The DexRing is manufactured with a powder painted extruded aluminium housing and polycarbonate diffusers to ensure a high quality finish, whilst black, grey or white housing finishes allow it to be tailored to suit a range of architectural styles. To ensure that practical considerations are also met the DexRing is available in a wide range of lumen outputs, optional dimming and emergency compatibility as well as bi-directional variants. On special request the DexRing can also be manufactured in custom colours and RGBW variants.

UKCA	CE	IP20	TM21: L90>50K HOURS	3 STEP MACADAM ELLIPSE

> Education
> Office
> Retail

DEXRING - SPECIFICATION

CONSTRUCTION

> Housing: Extruded aluminium
> Diffuser: 2mm extruded high transmission opal polycarbonate
> Finish: Polyester powder painted matt white gloss
> Finish: Polyester powder painted matt grey
> Finish: Polyester powder painted matt black

PERFORMANCE

> Part L2 compliant
> 3SDCM Three step Macadams ellipse
> TM21: L90 at >50,000 Operating Hours

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.
> 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.

INSTALLATION

> Suitable for suspended installation
> Surface mounting is available on request.

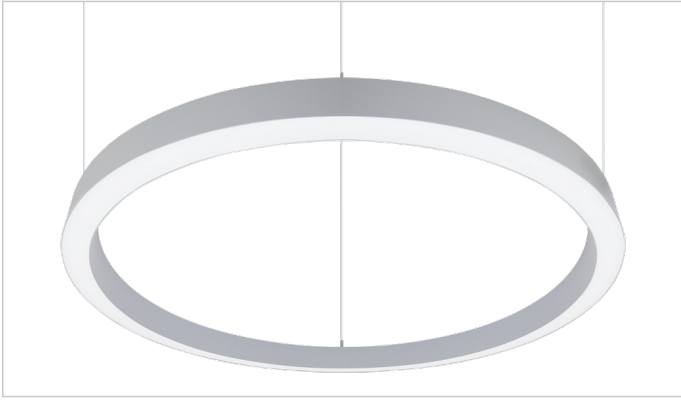**VARIATIONS**

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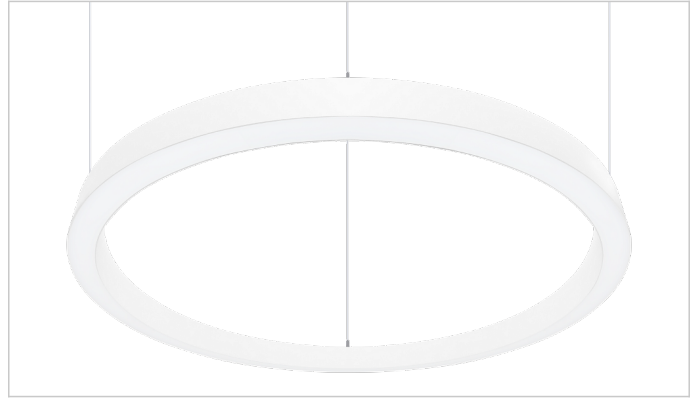> Available in white, black or grey finishes

CONTROL

> Optional compatibility with a range of dimming systems including DALI, HFR and DMX.

DexRing - Grey

DexRing - White

DexRing - Black

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 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.

DEXRING - ORDER CODES

LUMINAIRE CODES

Downlight

Code	Description	Power	Llm/W
DXR 1000 L99 A	DexRing 1000mm Downlight, 4,266llm, DALI, Colour 84	50W	85.32
DXR 1500 L148 A	DexRing 1500mm Downlight, 6,400llm, DALI, Colour 84	75W	85.33
DXR 2000 L198 A	DexRing 2000mm Downlight, 8,532llm, DALI, Colour 84	100W	85.32
DXR 1000 L145 A	DexRing 1000mm Downlight, 6,703llm, DALI, Colour 84	79W	84.84
DXR 1500 L215 A	DexRing 1500mm Downlight, 10,057llm, DALI, Colour 84	118W	85.22
DXR 2000 L291 A	DexRing 2000mm Downlight, 13,400llm, DALI, Colour 84	158W	84.81
DXR 1000 L183 A	DexRing 1000mm Downlight, 8,532llm, DALI, Colour 84	100W	85.32
DXR 1500 L274 A	DexRing 1500mm Downlight, 12,800llm, DALI, Colour 84	150W	85.33
DXR 2000 L366 A	DexRing 2000mm Downlight, 17,064llm, DALI, Colour 84	200W	85.32

Bi-Directional

Code	Description	Power	Llm/W
DXR 1000 L198 A BD	DexRing 1000mm Bi-Directional, 8,532llm, DALI, Colour 84	TBC	TBC
DXR 1500 L297 A BD	DexRing 1500mm Bi-Directional, 12,800llm, DALI, Colour 84	TBC	TBC
DXR 2000 L396 A BD	DexRing 2000mm Bi-Directional, 17,064llm, DALI, Colour 84	TBC	TBC
DXR 1000 L289 A BD	DexRing 1000mm Bi-Directional, 13,406llm, DALI, Colour 84	TBC	TBC
DXR 1500 L432 A BD	DexRing 1500mm Bi-Directional, 20,114llm, DALI, Colour 84	TBC	TBC
DXR 2000 L578 A BD	DexRing 2000mm Bi-Directional, 26,800llm, DALI, Colour 84	TBC	TBC
DXR 1000 L366 A BD	DexRing 1000mm Bi-Directional, 17,064llm, DALI, Colour 84	TBC	TBC
DXR 1500 L549 A BD	DexRing 1500mm Bi-Directional, 25,600llm, DALI, Colour 84	TBC	TBC
DXR 2000 L732 A BD	DexRing 2000mm Bi-Directional, 34,128llm, DALI, Colour 84	TBC	TBC

The luminaire lumen and luminaire lumen per watt values are based on the white finish product. Black and grey finishes will differ, please contact LEDextra for more information.

DIMMING

Code	Description
S	Switch Dimming
H	HFR Analogue 1-10v
RGBW	RGBW Colour Change available on request
DMX	Digital Multiplex available on request

All luminaires are supplied with DALI dimming as standard

CONTROL

Code	Description
RLI	Reacta Link, Wireless Enabled Luminaire*
RC	Reacta Control, Wireless Enabled Luminaire

*RLI is subject to limitations. Please contact LEDextra for information.

EMERGENCY

Code	Description
LE3	Lithium Standard Emergency 3 Hour
LS3	Lithium Selftest Emergency 3 Hour
LA3	Lithium Autotest Emergency 3 Hour

MISCELLANEOUS

Code	Description
WH	White Finish
BL	Black Finish

GY	Grey Finish
C**	Select Colour Temperature and Rendering; C83, C84 (other options available on request)
MP	Microprism diffuser available on request. Please contact LEDextra for more information.

Please note power cable to be supplied by others