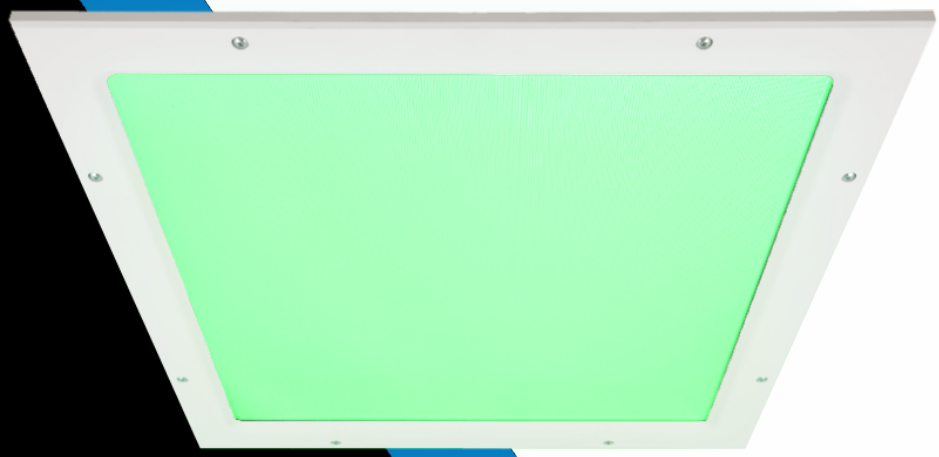
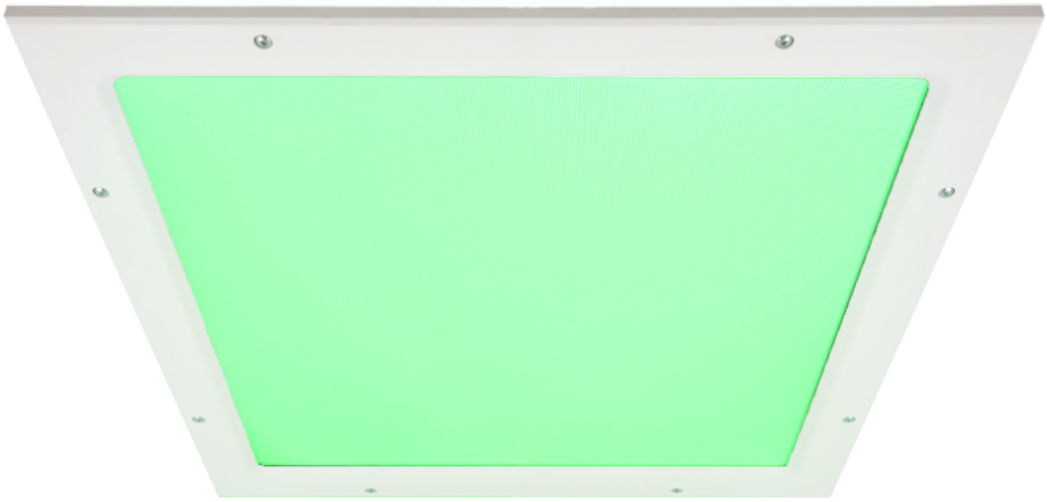


PRODUCT SPECIFICATION

IMPR RGBW

Dextra GROUP PLC



INTRODUCTION

The Impervia RGBW provides a colour changing solution where protection from ingress of dirt, dust and water is needed. With a steel housing and ABS injection moulded frame with thermally cured liquid poured gaskets the Impervia RGBW offers both IP65 rating and IK10 impact protection. When installed the double gasketed frame also forms an IP65 seal to the ceiling surface. The polycarbonate diffuser ensures both high transmission and uniform lit appearance whilst offering TP(a) rating ensure suitability for use in a wide range of applications.

With an individual DALI driver per channel the Impervia RGBW can quickly and easily be adjusted to any colour requirement and is suitable for pull up installation in exposed T and concealed grid ceilings.

UK CA | CE | IP65 | IK10 | TP(a)

APPLICATION

- Education
- Food / Clean Area
- Healthcare / Social Housing

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
- IK10
- IP65

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

- Not available with emergency

CONTROL

- RGBW Colour Changing

INSTALLATION

- Suitable for lay-in installation in exposed T ceilings
- Suitable for pull-up installation in concealed grid ceilings
- Suitable for plasterboard installation

VARIATIONS

- Available in a range of housing sizes and lumen outputs

PERFORMANCE

- Circuit Wattage: Red 20.87W, Green 30.69W, Blue 28.61W
- Luminaire Lumens: Red 771llm, Green 1,540llm, Blue 764llm

IMAGES

PRODUCT IMAGES



IMPR RGBW

PROJECT IMAGES

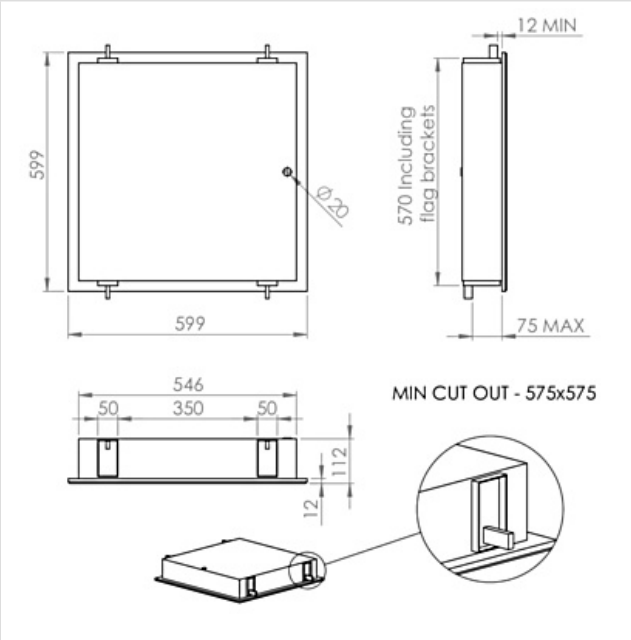








TECHNICAL



IMPR RGBW

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 and the MOD 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.

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	Luminous Flux
IMPR65 RGB84	IMPR, 600x600, 3021llm, IP65, RGBW / Colour 84	28.0W	771lm Red, 1,540lm Green, 764lm Blue, 3,667lm RGB White

MISCELLANEOUS

Code	Description
LSF	Low Smoke Zero Halogen
SP	Spring T Ceiling Kit, 600x600 Variants Only.
C83 and C86 options available on request.	
Please note RGB and W channels must be operated separately.	