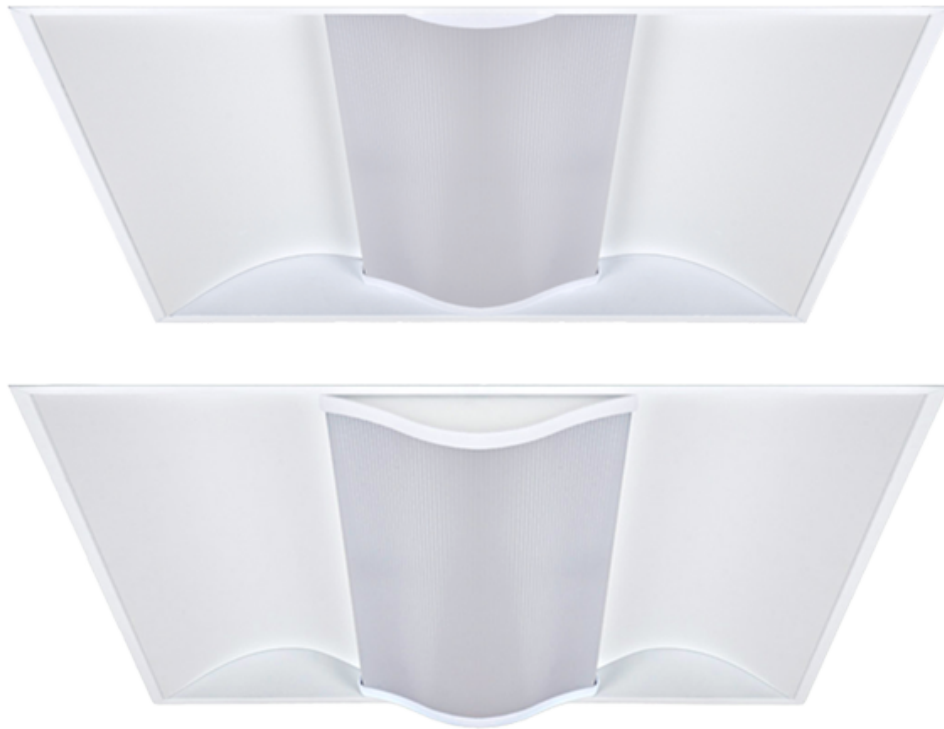


PRODUCT SPECIFICATION

GRADUATE RECESSED



INTRODUCTION

With a traditional gullwing design the Graduate Recessed is a popular choice in office and academic applications but is equally well suited to ancillary and circulation areas. With a wide range of options including lay in and pull up, 600×600 and 1200×600 and surface variants the Graduate is easily installed across entire projects regardless of ceiling type. This is complimented with a wide range of lumen outputs, dimming and white tunable options, integral sensors offering presence detection, daylight regulation and wireless grouping as well as integral lithium emergency. Wireless dimming and control can be offered with our Reacta-Dim system and Reacta-Link options are available where web based control and reporting of luminaires is required.

Further enhancing this range, the central optic basket can be lowered to create a semi recessed effect during installation aiding distribution of light onto the walls and ceilings. The Graduate Recessed range has been tested to comply with TP(a) standards allowing the installation of this product in all areas with peace of mind.

- CE
- IP20
- L90 / 60K OPERATING HOURS
- 3 STEP MACADAM ELLIPSE
- TP(a)

APPLICATION

- Canteen

- Commercial/Offices
- Corridor
- Education
- Healthcare/Social Housing
- Hotel/Leisure
- Industrial/Manufacturing
- Office
- Retail
- Transport
- Warehouse/Storage

SPECIFICATION

CONSTRUCTION

- Injection moulded end caps with adjustable optic for both recessed and semi recessed variants.
- Steel housing powder painted white.
- Precoat aluminium white gull-wing reflectors.
- TP(a) rated prismatic opal diffuser.

PERFORMANCE

- The 2798 luminaire lumen (600×600) and the 5735 luminaire lumen (1200×600) variants fall below the 3000 candela limit and are suitable for use in offices and classrooms.
- Although lumen packages will always remain the same, lumens per watt will only improve in line with developments in LED chip technology. This offers improved performance and greater efficiency. For further information about the current generation please contact the Dextra Technical Team on 01747 858100.
- LM80 verified: 90% LED lumen maintenance at 60,000 operating hours.
- Standard Deviation Colour Match – 3 Step Macadam's Ellipse.
- L2 compliant.

*specific variants only.

CONTROL

- All lumen outputs can be offered with HFR dimming, DALI dimming and Switch dimming.
- White Tunable, Lumen outputs vary, please contact our sales department for details
- Available with integral R24H and Reacta-Air sensors.

EMERGENCY

- Available with optional standard, self test and autotest integral emergency with lithium batteries for extended warranty and lifetime.

INSTALLATION

- Available in both pull up and lay in options to suit a range of ceiling types.

- Please contact our Technical Department for advice on suitability for concealed grid ceiling systems.

VARIANTS

- Adjustable central optic allows recessed and semi recessed configurations from every luminaire.
- 600×600 and 1200×600 variants

IMAGES

PRODUCT IMAGES



Graduate LED Recessed



Graduate LED Semi Recessed

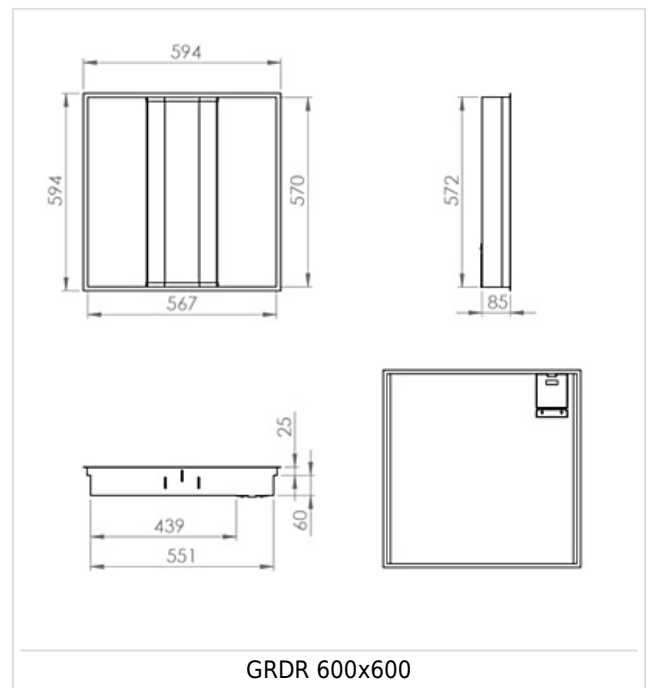
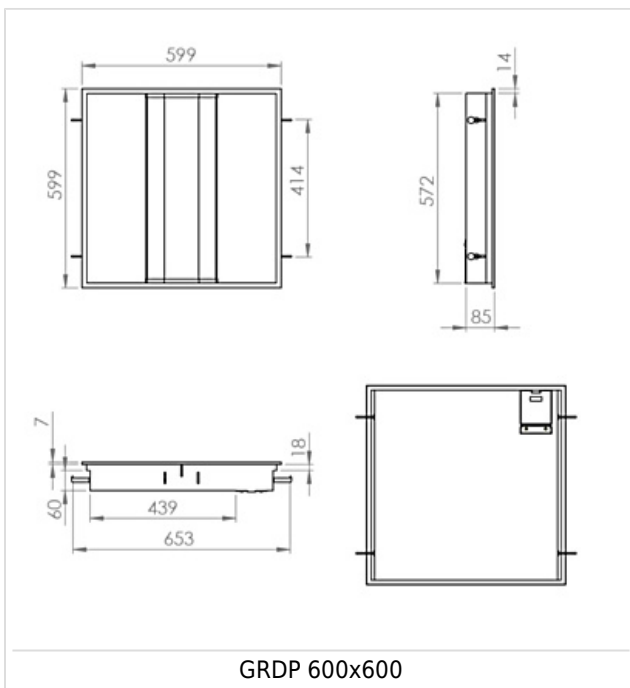


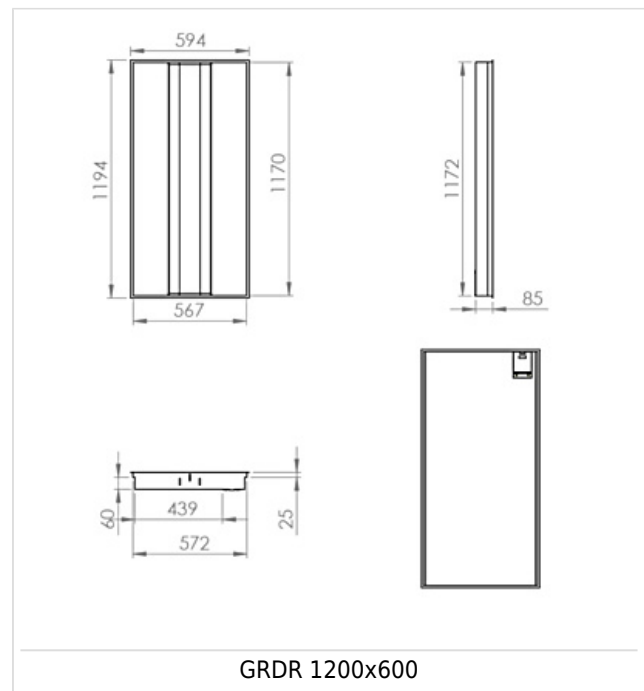
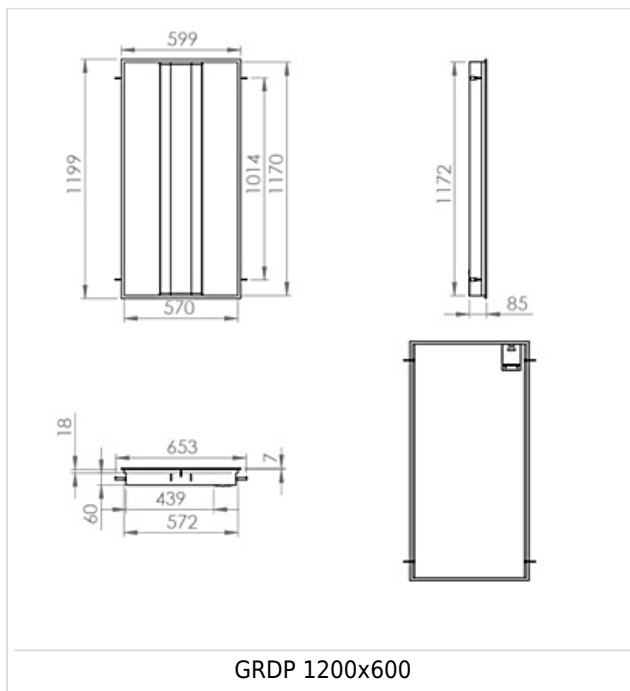
Graduate Recessed with Reacta-Air sensor

PROJECT IMAGES



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 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, EX1 LED, EX12 LED, EX1 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, EX13, HBE3 and TWS IP65 L7 ranges which are supplied with a one year parts and labour warranty.
- Protec Micro, 7W Fire Rated Downlights and Serenus are provided with a five 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 including Glide Power, Glide Mini, Glide RGBW, Colour Glide, Glide In Ground, Glide Pixel and AluLED ranges are supplied with a three year parts or replacement luminaire only warranty.
- 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 CODES

Code	Description	Circuit Wattage	Llm/W
Lay In			
GRDR L19 OPTPA	Graduate, Lay In, 600x600mm, 1432lm, Opal TPA Diffuser, Colour 84	12.8W	111
GRDR L24 OPTPA	Graduate, Lay In, 600x600mm, 1789lm, Opal TPA Diffuser, Colour 84	15.2W	117
GRDR L38 OPTPA*	Graduate, Lay In, 600x600mm, 2798lm, Opal TPA Diffuser, Colour 84	23.4W	119
GRDR L48 OPTPA	Graduate, Lay In, 600x600mm, 3546lm, Opal TPA Diffuser, Colour 84	29.2W	121
GRDR L57 OPTPA	Graduate, Lay In, 600x600mm, 4198lm, Opal TPA Diffuser, Colour 84	31.6W	132
GRDR L76 OPTPA	Graduate, Lay In, 600x600mm, 5619lm, Opal TPA Diffuser, Colour 84	40.8W	137
GRDR 126 L38 OPTPA	Graduate, Lay In, 1200x600mm, 2876lm, Opal TPA Diffuser, Colour 84	22.6W	127
GRDR 126 L48 OPTPA	Graduate, Lay In, 1200x600mm, 3642lm, Opal TPA Diffuser, Colour 84	28.3W	128
GRDR 126 L76 OPTPA*	Graduate, Lay In, 1200x600mm, 5735lm, Opal TPA Diffuser, Colour 84	41.4W	138
GRDR 126 L96 OPTPA	Graduate, Lay In, 1200x600mm, 7001lm, Opal TPA Diffuser, Colour 84	49.9W	140
Pull Up			
GRDP L19 OPTPA	Graduate, Pull Up, 600x600mm, 1432 Lumen, Opal TPA Diffuser, Colour 84	12.8W	111
GRDP L24 OPTPA	Graduate, Pull Up, 600x600mm, 1789 Lumen, Opal TPA Diffuser, Colour 84	15.2W	117
GRDP L38 OPTPA*	Graduate, Pull Up, 600x600mm, 2798 Lumen, Opal TPA Diffuser, Colour 84	23.4W	119
GRDP L48 OPTPA	Graduate, Pull Up, 600x600mm, 3546 Lumen, Opal TPA Diffuser, Colour 84	29.2W	121
GRDP L57 OPTPA	Graduate, Pull Up, 600x600mm, 4198 Lumen, Opal TPA Diffuser, Colour 84	31.6W	132
GRDP L76 OPTPA	Graduate, Pull Up, 600x600mm, 5619 Lumen, Opal TPA Diffuser, Colour 84	40.8W	137
GRDP 126 L38 OPTPA	Graduate, Pull Up, 1200x600mm, 2876 Lumen, Opal TPA Diffuser, Colour 84	22.6W	127
GRDP 126 L48 OPTPA	Graduate, Pull Up, 1200x600mm, 3642 Lumen, Opal TPA Diffuser, Colour 84	28.3W	128
GRDP 126 L76 OPTPA*	Graduate, Pull Up, 1200x600mm, 5735 Lumen, Opal TPA Diffuser, Colour 84	41.4W	138

GRDP 126 L96 OPTPA Graduate, Pull Up, 1200x600mm, 7001 Lumen, Opal TPA Diffuser, Colour 84 49.9W 140

*Compliant with BSEN 12464 3000 candela limit.

DIMMING OPTIONS

Code	Description
A	Digital Addressable Lighting Interface (DALI)
S	Switch Dimming
WT	White Tunable, Lumen outputs vary, please contact our sales department for details
C	Bi Level Dimming for use with standalone switched sensor
D	Digital Dimming (DSI)
H	High Frequency Dimming (Analogue 1-10v)
	Please click here for full details on our white tunable offer

LIGHTING CONTROLS

Code	Description
EA	Reacta-Air Infra-Red Sensor
RAS	Reacta-Air Bluetooth Sensor
R25W	Reacta-Wave, Wireless Linked sensor
R25WE	Reacta-Wave, Wireless Linked Sensor, On / Off
RLI	Dextra Reacta-Link System
RLS	Reacta-Link presence detection sensor
RD	Reacta-Dim

Please click [here](#) for full details on our wireless controls.

EMERGENCY

Code	Description
LE3	Lithium Emergency 3 Hour
LS3	Lithium Selftest
LA3	Lithium Autotest
LSTR	Lithium Emergency Reacta-Link
CB	Please specify 50v, 110v or 230v when ordering

MISCELLANEOUS

Code	Description
AH25	Air handling 25 litres per second
NL	Night Light
C34998 & C3793	1M 6 Pole Blue / Black Lead and Besa Connection Plate
C34997 & C3792	1M 4 Pole Lead and Besa Connection Plate
C34996 & C3791	1M 3 Pole Lead and Besa Connection Plate