

PRODUCT SPECIFICATION

INEAL 46 LENS

Dextra GROUP PLC

MADE IN BRITAIN®



INTRODUCTION

The Ineal 46 family of linear products has been created to offer retailers a discreet low profile solution for their ambient store lighting. Designed to mount directly onto three circuit or DALI lighting track the high quality extruded aluminium body measures just 46mm in width and is offered in matt black or white as standard. This version comes with the choice of a clear open area or retail symmetric custom lens diffuser which provides maximum efficiency with complete optical control, distributing the light effectively and evenly onto merchandise. The flexibility of the track adaptor allows you to re-position the fittings quickly and simply should there be any changes to the store layout further down the line. This unique product range is also available with integral emergency and offered in a wide range of lumen outputs across three luminaire lengths.

We offer a range of wireless control systems providing localised grouping and control as well as comprehensive wireless solutions allowing both standard and emergency luminaires to be centrally monitored.

UK CA	CE	IP20	TM21: L90>60K Hours / L80>90K Hours	3 STEP MACADAM ELLIPSE

APPLICATION

- Accent Lighting
- Display Lighting
- Retail

SPECIFICATION

CONSTRUCTION

- Housing: Extruded aluminium
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Finish: Polyester powder painted RAL 9005 matt black
- Finish: White, grey or black bezels
- Endcaps: Injection moulded polycarbonate
- Lens: Injection moulded polycarbonate lens
- IP20
- IP40

PERFORMANCE

- Part L2 compliant
- 3SCDM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 162 luminaire lumens per circuit Watt.

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

- 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.

CONTROL

- Optional DALI dimming
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- Optional integral Reacta-Control for integration with Reacta-Control wireless installations

INSTALLATION

- Suitable for three circuit track installation

VARIATIONS

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

IMAGES

PRODUCT IMAGES



Ineal Lens Black



Ineal Lens White

PROJECT IMAGES

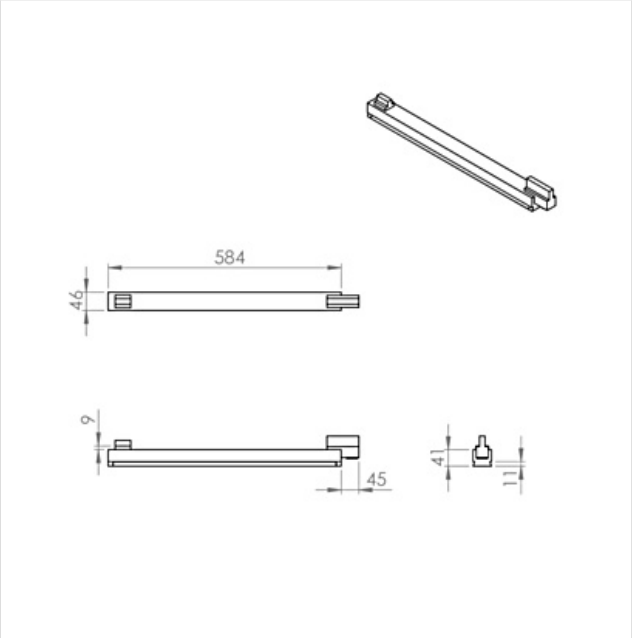




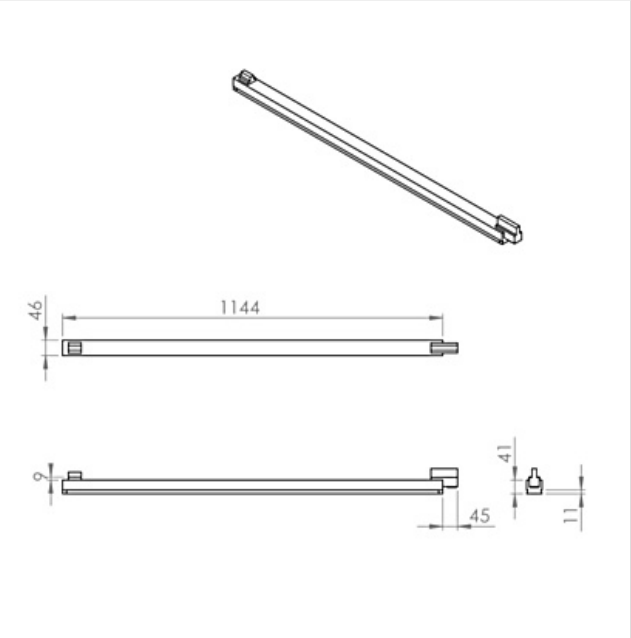




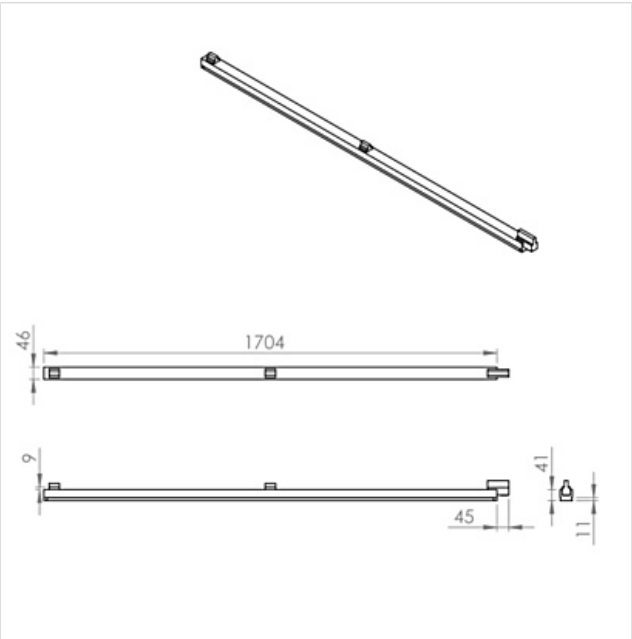
TECHNICAL



Ineal 46 Lens 584mm



Ineal 46 Lens 1144mm



Ineal 46 Lens 1704mm

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	Llm/W
INEL L22 OA GB	Ineal 46, 584mm, 2,127llm, Open Area, Colour 84, Global	13.7W	153
INEL L26 OA GB	Ineal 46, 1144mm, 2,515llm, Open Area, Colour 84, Global	15.4W	163
INEL L38 OA GB	Ineal 46, 1144mm, 3,675llm, Open Area, Colour 84, Global	21.5W	171
INEL L45 OA GB	Ineal 46, 1704mm, 4,352llm, Open Area, Colour 84, Global	24.2W	180
INEL L65 OA GB	Ineal 46, 1704mm, 6,286llm, Open Area, Colour 84, Global	34.3W	183
INEL L90 OA GB	Ineal 46, 1704mm, 8,703llm, Open Area, Colour 84, Global	47.3W	184
INEL L22 RS GB	Ineal 46, 584mm, 2,108llm, Symmetrical, Colour 84, Global	13.7W	154
INEL L26 RS GB	Ineal 46, 1144mm, 2,490llm, Symmetrical, Colour 84, Global	15.4W	162
INEL L38 RS GB	Ineal 46, 1144mm, 3,640llm, Symmetrical, Colour 84, Global	21.5W	169
INEL L45 RS GB	Ineal 46, 1704mm, 4,311llm, Symmetrical, Colour 84, Global	24.2W	178
INEL L65 RS GB	Ineal 46, 1704mm, 6,225llm, Symmetrical, Colour 84, Global	34.3W	181
INEL L90 RS GB	Ineal 46, 1704mm, 8,622llm, Symmetrical, Colour 84, Global	47.3W	182

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface

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
Emergency only available in DALI variants of 1144 and 1704mm length	

MISCELLANEOUS

Code	Description
C**	Select Colour Temperature and Rendering; C83, C84, C85, C865, C93, C94
BL	Black Finish
LSF	Low Smoke Zero Halogen