



PRODUCT SPECIFICATION

COLDBAY



INTRODUCTION

For industrial freezers and cold storage units the Coldbay provides an ideal lighting solution where energy efficiency and minimum cost of ownership are paramount. The Coldbay is capable of operating in ambient temperatures of -40 degrees to + 25 degrees centigrade and is supplied with an optional remote gear pack for both mains drivers and emergency components. This allows for quick and simple maintenance of these parts outside the cold storage area whilst also ensuring that the luminaire emits the minimum of heat into the chilled environment. Where freezer construction does not allow for remote gear packs, integral control gear versions are available whilst standalone non maintained emergency luminaires can be offered to work alongside these to provide emergency lighting without remote batteries.

The Coldbay is supplied with an optional integral sensor providing presence detection without any need to modify the external wiring, only live, neutral and earth connections are required. The R11 sensor is also designed to operate in ambient temperatures as low as -40 degrees centigrade and allows the luminaire to be turned off or dimmed to a low level for safety lighting during periods of absence. Combining the efficiency of LED and integral sensor controls allows energy savings of 80-90% when compared to a traditional HID installation.

The luminaire housing is rated to IP65 and can be offered in a wide range of lumen outputs, three lens optics including open area, high rack and ultra high rack and also with basic, self test or autotest emergency. This range of options allows the luminaire to be configured to suit a range of mounting heights, racking aisles and open areas. 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.



CE IP65 TM21: L90>60K HOURS / L80>90K HOURS 3 STEP MACADAM ELLIPSE

APPLICATION

- Warehouse / Storage

SPECIFICATION

CONSTRUCTION

- Housing: 0.7mm CR4 steel
- Finish: Polyester powder painted BS 00E55 matt white 60% gloss
- Lens: Injection moulded polycarbonate lens
- IP65
- Remote gear housing for both emergency gear and mains drivers ensures that maintenance of these components can be undertaken outside the cold store area and also ensures the luminaire emits minimum heat to the chilled environment. Non emergency versions with integral gear are available if required.

PERFORMANCE

- Part L2 compliant
- 3SCDM Three step Macadams ellipse
- TM21: L90>60K Hours / L80>90K Hours
- Up to 142 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.
- Optional central battery changeover relay
- Available with integral emergency with battery heater system for use at temperatures down to -25°C

CONTROL

- Optional compatibility with a range of dimming systems including DALI, DSI and Switch Dimming
- Optional Integral R11 presence sensor
- Optional Integral Reacta-Air wireless presence and daylight regulations sensor
- Optional integral Reacta-Link for integration with Reacta-Link wireless installations

INSTALLATION

- Suitable for surface installation
- Remote gear pack connects with two IP68 connectors for quick replacement of luminaire if required.

VARIATIONS

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

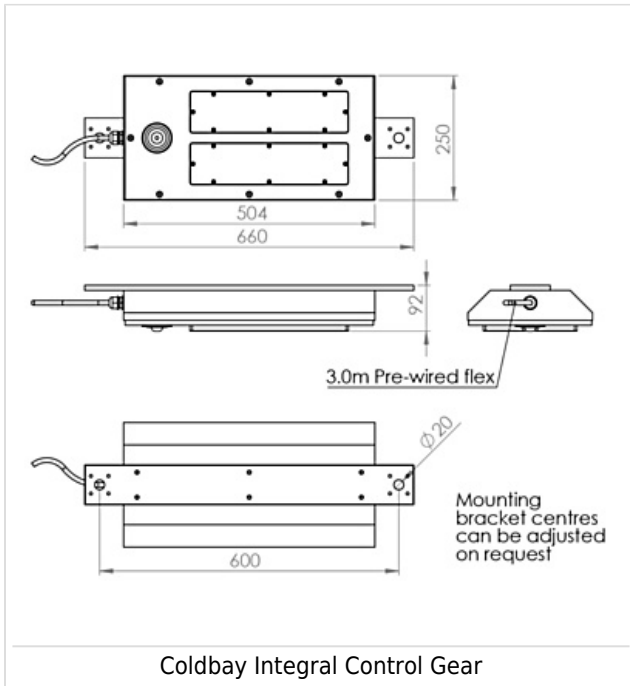
IMAGES

PRODUCT IMAGES

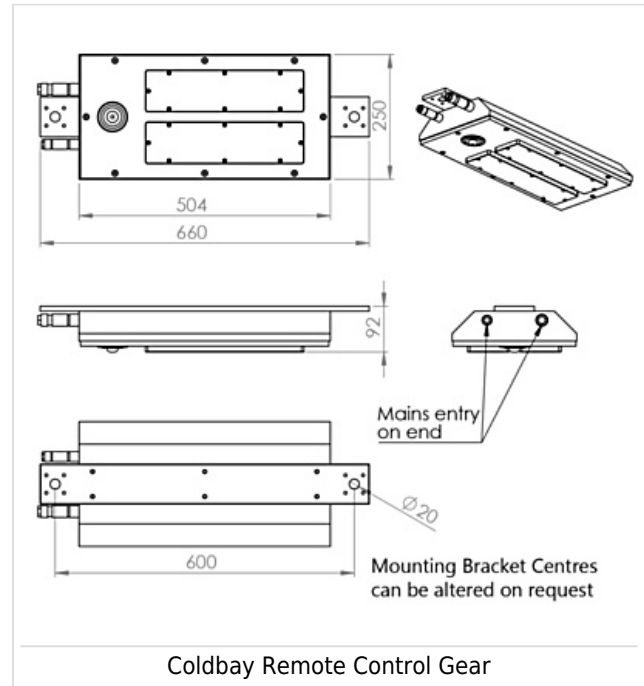
Coldbay

PROJECT IMAGES

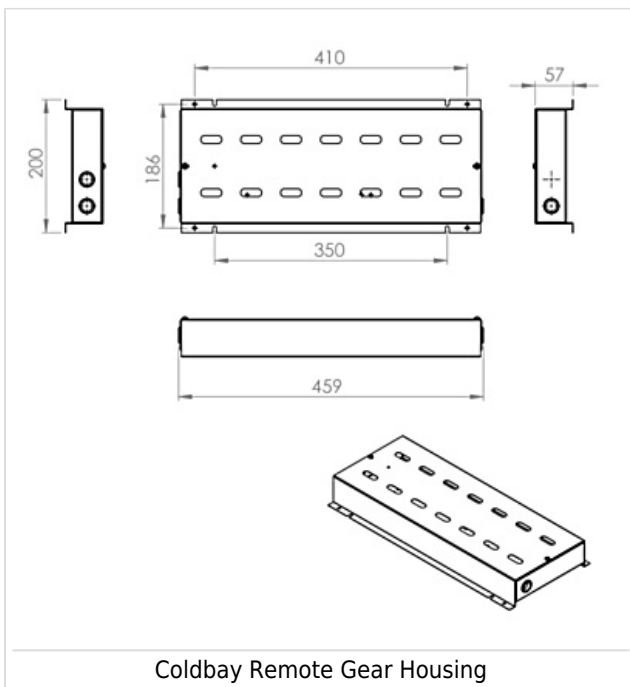
TECHNICAL



Coldbay Integral Control Gear



Coldbay Remote Control Gear



Coldbay Remote Gear Housing

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 RGBW, the MOD RGBW and the Tanek 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.
- 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.

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
CBLD L102 OA	Coldbay, 9,664llm, Open Area, Integral Control Gear, Colour 84	54.1W	179
CBLD L133 OA	Coldbay, 12,484llm, Open Area, Integral Control Gear, Colour 84	71.7W	174
CBLD L160 OA	Coldbay, 15,018llm, Open Area, Integral Control Gear, Colour 84	84.4W	178
CBLD L200 OA	Coldbay, 17,880llm, Open Area, Integral Control Gear, Colour 84	115.5W	155
CBLD L102 R OA	Coldbay, 9,664llm, Open Area, Remote Control Gear, Colour 84	54.1W	179
CBLD L133 R OA	Coldbay, 12,484llm, Open Area, Remote Control Gear, Colour 84	71.7W	174
CBLD L160 R OA	Coldbay, 15,018llm, Open Area, Remote Control Gear, Colour 84	84.4W	178
CBLD L200 R OA	Coldbay, 17,880llm, Open Area, Remote Control Gear, Colour 84	115.5W	155
CBLD L102 HR	Coldbay, 9,514llm, High Rack, Integral Control Gear, Colour 84	54.1W	176
CBLD L133 HR	Coldbay, 12,361llm, High Rack, Integral Control Gear, Colour 84	71.7W	172
CBLD L160 HR	Coldbay, 14,870llm, High Rack, Integral Control Gear, Colour 84	84.4W	176
CBLD L200 HR	Coldbay, 18,898llm, High Rack, Integral Control Gear, Colour 84	115.5W	164
CBLD L102 R HR	Coldbay, 9,514llm, High Rack, Remote Control Gear, Colour 84	54.1W	176
CBLD L133 R HR	Coldbay, 12,361llm, High Rack, Remote Control Gear, Colour 84	71.7W	172
CBLD L160 R HR	Coldbay, 14,870llm, High Rack, Remote Control Gear, Colour 84	84.4W	176
CBLD L200 R HR	Coldbay, 18,898llm, High Rack, Remote Control Gear, Colour 84	115.5W	164
CBLD L102 UHR	Coldbay, 9,431llm, Ultra High Rack, Integral Control Gear, Colour 84	54.1W	174
CBLD L133 UHR	Coldbay, 12,120llm, Ultra High Rack, Integral Control Gear, Colour 84	71.7W	169
CBLD L160 UHR	Coldbay, 14,580llm, Ultra High Rack, Integral Control Gear, Colour 84	84.4W	173
CBLD L200 UHR	Coldbay, 18,156llm, Ultra High Rack, Integral Control Gear, Colour 84	115.5W	157.1
CBLD L102 R UHR	Coldbay, 9,431llm, Ultra High Rack, Remote Control Gear, Colour 84	54.1W	174
CBLD L133 R UHR	Coldbay, 12,120llm, Ultra High Rack, Remote Control Gear, Colour 84	71.7W	169
CBLD L160 R UHR	Coldbay, 14,580llm, Ultra High Rack, Remote Control Gear, Colour 84	84.4W	173
CBLD L200 R UHR	Coldbay, 18,156llm, Ultra High Rack, Remote Control Gear, Colour 84	115.5W	157.1

CONTROL

Code	Description
R11	Reacta 11, Presence, IP65, Low Temperature, 3-15M
RLI	Reacta-Link, Wireless Enabled Luminaire
RLS	Reacta-Link Wireless, Presence, 2.5-4M
RLS10	Reacta-Link Wireless, Presence, 5-10M
RLS15	Reacta-Link Wireless, Presence, 10-15M
RCS	Reacta-Control Wireless, Presence, Daylight, 2.5-4M

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

EMERGENCY

Code	Description
RLE3	Remote Lithium Standard Emergency 3 Hour
RLS3	Remote Lithium Self Test Emergency 3 Hour
RLA3	Remote Lithium Auto Test Emergency 3 Hour

RLA3RC	Remote Lithium Reacta-Control Emergency 3 Hour
RLSTR	Remote Lithium Reacta-Link Emergency 3 Hour
CB	Central Battery, Please Specify 50V, 110V or 230V when Ordering
HNE3	Integral Standard 3 Hour Emergency, Heater, Suitable for -25°C
HNS3	Integral Self Test 3 Hour Emergency, Heater, Suitable for -25°C
HNA3	Integral Autotest 3 Hour Emergency, Heater, Suitable for -25°C

MISCELLANEOUS

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