



**ReXel**

a world of energy

# LED LIGHTING SOLUTIONS

COMMERCIAL - RESIDENTIAL - INDUSTRIAL

AUTUMN 2017





## Introducing our new LED offer

**We recognise that the LED market presents both great opportunities but also risk for our customers. The speed of change in technology combined with the lack of legislation can make product selection challenging.**

**Rexel's expertise in the lighting market and relationship with credible suppliers guarantees that we can offer our customers a quality product at the right price, when and where it is needed.**

**We have invested in a dedicated team - solely responsible for our lighting offer. Our key activities are listed below:**

- We constantly track the latest technologies and product developments, to introduce new opportunities for our customers.
- We are actively involved in the design process from start to finish, and all our products are fully tested against strict criteria, prior to introduction.
- All products are CE marked and certified as fully compliant to European standards ensuring peace of mind for both you and your customers.
- We have integrated numerous easy to install and time saving features to make things easier for you.
- Our extensive branch network means nationwide availability of our LED solutions products with a same and next day delivery service.
- We take our corporate responsibility seriously, from the products we sell to the way we run our business. We work hard to do the best we can for our customers, our employees, our local communities, and the environment we all share. Our strict auditing process allows us to source all our LED products from a fully traceable, sustainable and ethical supply chain.





Rexel is a leading worldwide distributor of electrical supplies operating in 32 countries, with a network of over 2,000 branches. The Rexel mission is to support customers wherever they are, providing them with the most sustainable and innovative products and services from around the globe.

Rexel is known in the UK via its four trading divisions: Newey & Eyre, WF Senate, Wilts and Parker Merchanting, with a network of 270 branches giving nationwide coverage.

[www.rexel.co.uk](http://www.rexel.co.uk)

### The benefits of LED lighting

-  Improved quality, efficiency and performance
-  Instant on flicker free light
-  Energy saving of up to 93%
-  Easy installation and retrofitting – 1:1 replacement for traditional products
-  Environmentally friendly - LEDs do not contain any harmful materials, making them easier to dispose of and give out no UV or IR emissions
-  A quick initial payback on investment
-  Ongoing long-term energy and cost savings for your business
-  LEDs last significantly longer than traditional lamps, so maintenance costs are significantly reduced

### Why choose Rexel's LED Solutions range?

-  **Standardised Colour Temperatures**  
Our indoor and outdoor commercial ranges as well as our residential outdoor ranges all have a standard colour temperature of 4,000k (Neutral White), which offers a clean bright white light. This ensures that even if you use multiple types of luminaires in one installation or if you install over several phases of a project, the colour will look exactly the same in all instances.
-  **High Quality Drivers**  
All of our commercial and industrial luminaires come with either a leading branded driver such as Osram or Tridonic or a driver that has been ENEC certified. This ensures that our drivers have been tested to the highest standards for performance and safety and will not let you down.
-  **Standard Luminaires Warranty\*\***  
Rexel offers a standard 3 year warranty on all products that have been correctly specified, professionally installed and operated in line with the instruction leaflet.
-  **Extended Luminaires Warranty\*\***  
Rexel offers a 5 year extended warranty for select products (shown in the brochure) that have been correctly specified, professionally installed and operated in line with the instruction leaflet.

\*If a product was to fail during this period Rexel will arrange for the product to be repaired or replaced with an equal or substitute product at our discretion.

\*\*Wearing or consumable parts such as fuses and emergency lighting batteries are exempt from the guarantee. All sales are subject to Rexel UK Limited standard terms and conditions of sale. In the event of any conflict between the wording set out in this document and the standard terms, the standard terms of Rexel UK Limited shall prevail.

# LED LIGHTING SOLUTIONS:

## A complete range for all applications

Rexel's LED lighting range offers complete solutions regardless of the application. Whether it is a highbay for an industrial environment, a panel for commercial offices or a downlighter for a kitchen, all of our products offer a true direct replacement for traditional fittings and have been tested to ensure the highest performance and quality.



All information correct at time of going to print. E. & O.E. Unless indicated otherwise, all equipment featured in this catalogue is produced by third party manufacturers.

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# Indoor Commercial



Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)

# LED Panel

An edge-lit LED flat panel equivalent for 600x600mm and 1200x600mm fluorescent recessed modular luminaires that offers significant energy and maintenance savings. Suitable for a wide range of applications where a cost effective slimline lay-in solution is required, which can also be suspended or surface mounted with additional kits.



## Materials

- Aluminium frame - White RAL9016
- Steel back plate
- Opal polystyrene diffuser - TP(b) rated



Simple installation, low profile solution with plug & socket ENEC driver



Emergency 3hr duration options available

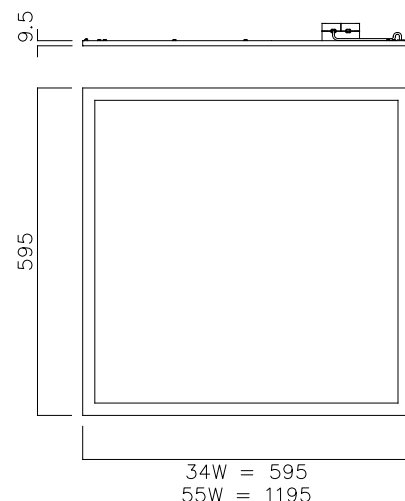
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003619	LPAN34TPB840	600X600MM TPB LED PANEL	34	3400	100	4000K	
2501003620	LPAN34TPB840E3	600X600MM TPB LED PANEL	34	3400	100	4000K	Y
2501003621	LPAN63TPB840	1200X600MM TPB LED PANEL	55	6370	116	4000K	
2501003622	LPAN63TPB840E3	1200X600MM TPB LED PANEL	55	6370	116	4000K	Y

## Accessories

2501003627	LEDWIREKIT1	WIRE SUSPENSION KIT FOR 600X600MM LED PANEL
2501003628	LEDSURFACEKIT1	SURFACE MOUNTING KIT FOR 600X600MM LED PANEL



Standard Emergency



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Emergency

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# LED Panel TP(a) Rated

An edge-lit TP(a) rated LED high performance flat panel equivalent for 600x600mm and 1200x600mm fluorescent recessed modular luminaires that offers significant energy and maintenance savings. Suitable for a wide range of applications where a cost effective slimline lay-in solution is required, which can also be suspended or surface mounted with additional kits.



## Materials

- Aluminium frame - White RAL9016
- Steel back plate
- Opal polycarbonate diffuser  
– self-extinguishing TP(a) rated



Simple installation, low profile solution with plug & socket ENEC driver



Emergency 3hr duration options available



Easy to clean wipeable diffuser

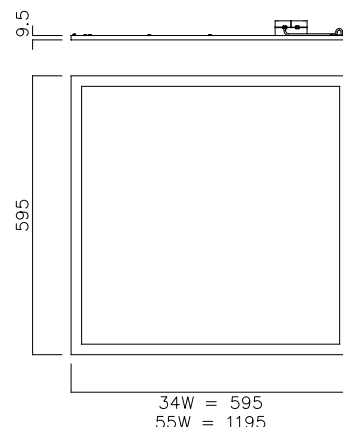
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003623	LPAN34TPA840	600X600MM TPA LED PANEL	34	3400	100	4000K	
2501003624	LPAN34TPA840E3	600X600MM TPA LED PANEL	34	3400	100	4000K	Y
2501003625	LPAN63TPA840	1200X600MM TPA LED PANEL	55	6370	116	4000K	
2501003626	LPAN63TPA840E3	1200X600MM TPA LED PANEL	55	6370	116	4000K	Y

## Accessories

2501003627	LEDWIREKIT1	WIRE SUSPENSION KIT FOR 600X600MM LED PANEL
2501003628	LEDSURFACEKIT1	SURFACE MOUNTING KIT FOR 600X600MM LED PANEL



Standard Emergency





# LED Direct/Indirect Recessed Panel

A visually pleasing direct/indirect equivalent for 600x600mm fluorescent recessed modular luminaires that offers significant energy and maintenance savings. Suitable for classrooms, offices and meeting rooms.



## Materials

- Steel housing and frame - White RAL9016
- Opal diffuser



Easy access terminal block on rear for quick and easy wiring



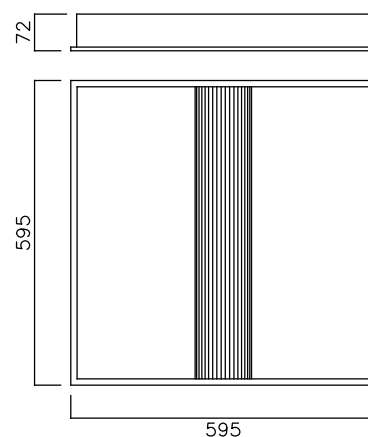
Suitable for 15-24mm exposed T ceilings



Emergency 3hr duration options available



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003629	LDPAN34840	600X600MM LED DIRECT/IN-DIRECT PANEL	28	3420	122	4000K	
2501003630	LDPAN34840E3	600X600MM LED DIRECT/IN-DIRECT PANEL	28	3420	122	4000K	Y



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# LED Circular Panel

Designed to match our range of LED panels, these easy to install fittings can be used in a variety of commercial or residential applications.



## Materials

- Aluminium frame - white RAL9016
- Opal polycarbonate diffuser  
– self-extinguishing TP(a) rated



Plug in Emergency 3hr duration kit available to retrofit any size circular panel, simple switch selection on driver dependent on the panel wattage



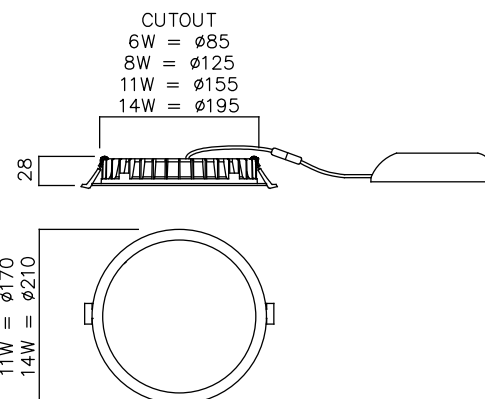
Easy to clean wipeable diffuser



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003631	LCPAN53840	100MM CIRCULAR PANEL	6	530	88	4000K
2501003632	LCPAN77840	140MM CIRCULAR PANEL	8	770	96	4000K
2501003633	LCPAN107840	170MM CIRCULAR PANEL	11	1070	97	4000K
2501003634	LCPAN132840	210MM CIRCULAR PANEL	14	1320	94	4000K

## Accessories

2501003635	LCPANE3KIT	CIRCULAR PANEL EMERGENCY KIT 3HR
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# LED Commercial Downlight

An LED equivalent to single and twin 18/26W compact fluorescent downlights that offers significant energy and maintenance savings. Suitable for a wide range of commercial applications including bathrooms without the need for separate attachments.



## Materials

- Aluminium body - white
- Polycarbonate housing
- Opal polycarbonate diffuser - self-extinguishing TP(a) rated



Plug-in emergency 3hr kit available



Quick and easy install with loop-in loop-out push fit connectors



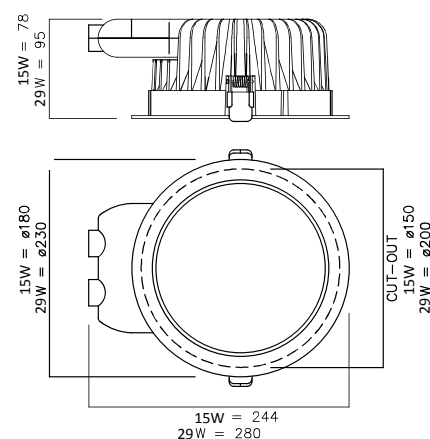
Easy to clean wipeable diffuser



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003636	LCDL13840	180MM LED COMMERCIAL DOWNLIGHT	15	1300	87	4000K
2501003637	LCDL25840	230MM LED COMMERCIAL DOWNLIGHT	29	2500	86	4000K

## Accessories

2501003638	LCDLE3KIT	PLUG IN EMERGENCY PACK FOR LED COMMERCIAL DOWNLIGHT
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Indoor Commercial

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# LED Batten

An LED equivalent for 4ft, 5ft & 6ft fluorescent batten luminaires ideal for new installations and retrofit applications. Simple two part housing facilitates quick and easy installation, a first fix plate allows mounting and electrical connections to be made, with two retained screws ensuring tool access only.



## Materials

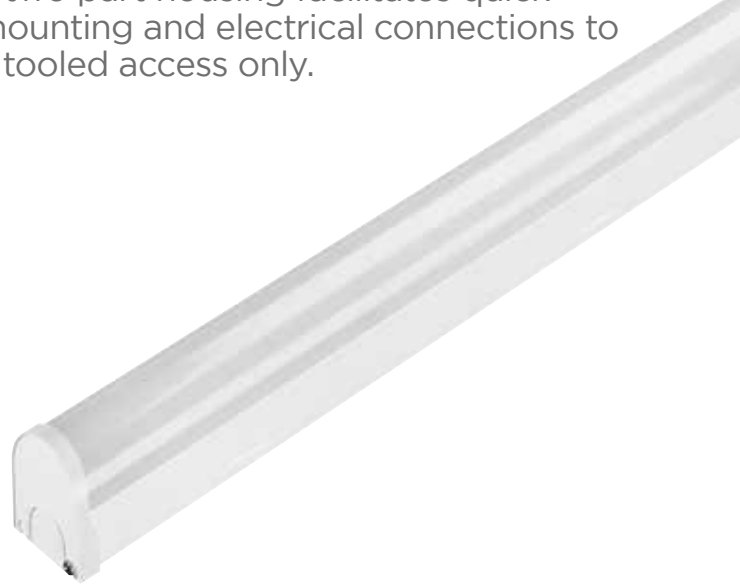
- Steel body - white RAL9016
- ABS end caps - UV stabilised and fire retardant
- Opal polycarbonate diffuser - self-extinguishing TP(a) rated



Suitable for direct fix, trunking, conduit or chain/wire suspension



Emergency 3hr options available



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003639	LBATT34840	4FT LED BATTEN SINGLE	28	3400	121	4000K	
2501003640	LBATT34840E3	4FT LED BATTEN SINGLE	28	3400	121	4000K	Y
2501003641	LBATT54840	4FT LED BATTEN TWIN	54	6000	111	4000K	
2501003642	LBATT54840E3	4FT LED BATTEN TWIN	54	6000	111	4000K	Y
2501003643	LBATT38840	5FT LED BATTEN SINGLE	38	4600	121	4000K	
2501003644	LBATT38840E3	5FT LED BATTEN SINGLE	38	4600	121	4000K	Y
2501003645	LBATT68840	5FT LED BATTEN TWIN	68	7500	110	4000K	
2501003646	LBATT68840E3	5FT LED BATTEN TWIN	68	7500	110	4000K	Y
2501003647	LBATT45840	6FT LED BATTEN SINGLE	45	5400	120	4000K	
2501003648	LBATT45840E3	6FT LED BATTEN SINGLE	45	5400	120	4000K	Y
2501003649	LBATT77840	6FT LED BATTEN TWIN	77	8500	110	4000K	
2501003650	LBATT77840E3	6FT LED BATTEN TWIN	77	8500	110	4000K	Y

## Accessories

2501003651	LBATTWSUSKIT	1.5M WIRE SUSPENSION KIT FOR BATTEN
2501003652	LBATTCOUP	LED BATTEN COUPLING STRAP



Nominal Lengths	Length (mm)		W (mm)	H (mm)	Weight (Kg)	
	Standard	Emergency			Standard	Emergency
4'	1163	1318	62	76	1.9	2.4
5'	1463	1618	62	76	2.3	2.8
6'	1728	1883	62	76	2.7	3.2

# LED Surface Linear

An LED equivalent to 2x58W fluorescent fittings this product gives great performance & perfect uniformity of light without glare. Combining a minimalistic & aesthetically appealing approach with the low energy, low maintenance benefits of LED lighting technology.



### Materials

- Steel body - white RAL 9016
- ABS end caps - UV stabilised and fire retardant
- Polycarbonate diffuser



Wire suspension kit available if required



Emergency 3hr options available



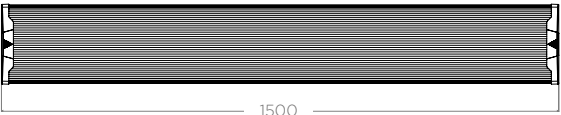
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003653	LSURF56840	5FT LED SURFACE LINEAR	43	4640	108	4000K	
2501003654	LSURF56840E3	5FT LED SURFACE LINEAR	43	4640	108	4000K	Y



Front View



Plan View



Right View



# LED Commercial Indoor Bulkhead

An LED equivalent for 16W & 28W 2D bulkhead luminaires ideal for new installations and retrofit applications. Can be used with or without a trim ring. Use of a trim creates an appealing halo of light on the mounting surface, to allow for more decorative applications.



## Materials

- Polycarbonate body
- Opal polycarbonate diffuser - includes white trim ring



Screwless access with clip in diffuser and gear tray



Quick installation with push fit connectors and BESA box fixing points



Emergency option available in 13W version only



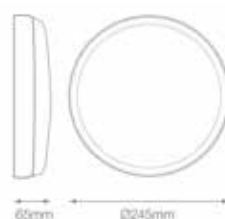
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003655	LBHD7IP44840	LED WHITE BULKHEAD SMALL	10	850	85	4000K	
2501003656	LBHD12IP44840	LED WHITE BULKHEAD LARGE	13	1250	96	4000K	
2501003657	LBHD12IP44840E3	LED WHITE BULKHEAD LARGE	13	1250	96	4000K	Y

## Accessories

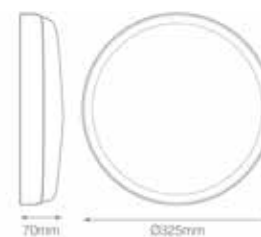
2501003658	LBHDCHRTRIM7	CHROME TRIM RING 850LM SMALL
2501003659	LBHDCHRTRIM12	CHROME TRIM RING 1250LM LARGE



10W - Small with Trim



13W - Large with Trim







# Emergency



Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)

# LED Emergency Lighting

Emergency lighting is primarily intended to provide sufficient illumination to enable people to navigate their way safely out of a building in case of an emergency. Legislation now demands that the person responsible for the building ensures compliance with the standards and carries severe penalties if not adhered to.

## Key parts of the Fire Safety Order Directive: 2005 are:

- The responsible person has a duty to take general fire precautions.
- The responsible person must complete a risk assessment.
- The responsible person must make fire safety arrangements.

## BS566 - Emergency Lighting, the code of practice for the emergency lighting of premises

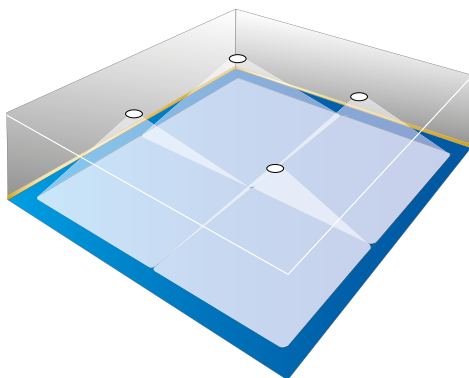
### BS 5266 specifies the requirement for emergency lighting with specific lighting levels in areas of high risk, as follows:

- Kitchens
- First aid rooms
- Treatment rooms
- Refuges
- Plant, switch and winding rooms
- Fire alarm control indication equipment
- Reception areas
- Panic bars/pads
- Swimming pool surrounds and diving areas

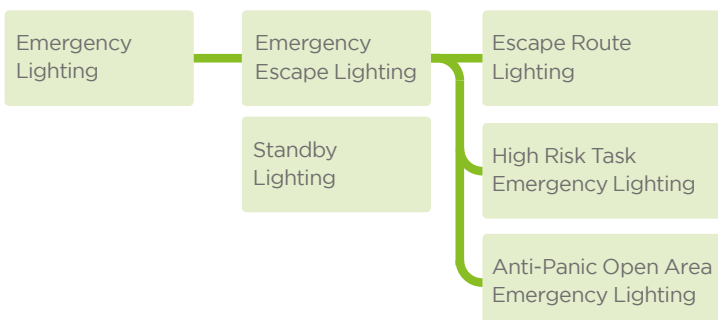
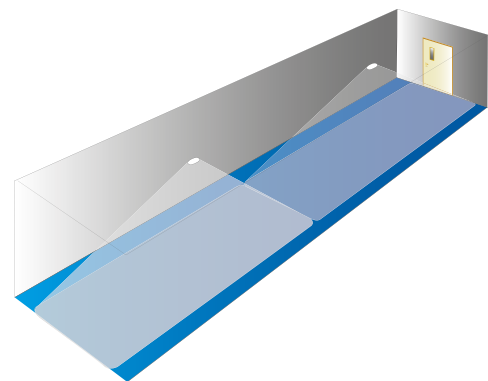
### BS 5266 specifies that luminaires are positioned:

- Along escape routes
- At every change in direction
- Adjacent to any step or trip hazard
- Over every flight of stairs so each step receives direct light
- Close to fire fighting equipment and call points
- Outside every final exit

### Open area (Symmetric - 0.5 Lux)



### Escape Route (Asymmetric - 1 Lux)



This is the most likely to be used in the event of a fire. It is necessary to allow evacuation of a building as rapidly as possible.

In hazardous areas where dangerous processes or situations need to be properly monitored, it is essential that emergency lighting systems are designed to meet the specific needs of the environment.

To avoid panic in large open areas, emergency lighting must enable people to move safely to the nearest suitable designated escape route.



## LED is now the preferred light source for all emergency lighting



### LOWER MAINTENANCE COSTS

With old fluorescent and incandescent technologies lamps had to be changed regularly. The long life of LEDs means that this is no longer necessary, so maintenance cost are greatly reduced.



### RELIABILITY

Fluorescent lamps were never ideally suited to being run on batteries, so blackened lamp ends were a common problem indicating that a lamp was nearing the end of its life. LEDs are well suited to running on battery power and are therefore much more reliable.



### BETTER LIGHT DISTRIBUTION

Fitted with a lens, LEDs can give the precise light distribution needed for corridors.

Better light distribution means improved uniformity, better spacing and fewer fittings required to give an installation that conforms to standards.

## There are only two types of exit sign legends that comply with current legislation

### EUROPEAN SAFETY SIGNS DIRECTIVE

The European Safety Signs Directive calls for the following legends, which are sometimes also referred to as "Euro legends" or "man running towards door". This is the style of legend supplied as standard with Newlec emergency fittings.

**There are three Euro legends in use:**



"Exit to the left"



"Exit straight ahead"



"Exit to the right"

The European Safety Signs Directive is not explicit concerning the use of either an up or down-arrow to indicate "straight ahead". Both are acceptable, but we supply the arrow-down legend as standard.

Euro legends are generally used in existing installations where the format is already installed.

### ISO7010 & BS5266

These two standards both use a single set of legends, sometimes referred to as "ISO7010" or "man running through door" legends. These legends are available as optional extras with Newlec emergency fittings.

**There are three ISO7010 legends in use:**



"Exit to the left"



"Exit straight ahead"



"Exit to the right"

Note that ISO7010 and BS5266 are explicit that "straight ahead" is to be indicated with an up-arrow.

ISO7010 legends are generally used for all new installations.

**Please note: Although both legend types are in use, only one type can be used in any one installation.**

# LED Emergency Bulkhead

A slim multi-purpose IP65 LED emergency bulkhead with a range of attachments allowing the unit to also be used as an exit sign, double sided exit sign or be recessed mounted.



No re-lamping or maintenance required for lifetime of the fitting



Can be installed in maintained and non-maintained mode allowing complete flexibility in any installation



NLE3B supplied complete with euro legend pack for use as an exit sign, with a maximum viewing distance of 20M



A choice of legends and attachments is available:

- Semi-recessed mounting kit
- Drop down attachment complete with euro style & ISO7010 legend pack to enable use as a double sided exit sign (maximum viewing distance 30M)
- ISO7010 legend kit for NLE3B



ISO7010 Legend Kit



Drop Down Attachment

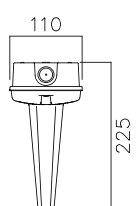
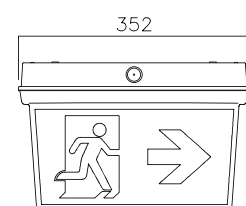
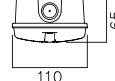
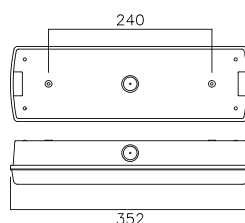


Recessed Mount Kit

Order No.	Model No.	Description	Fluorescent Equivalent (W)
1051088376	NLE3B	2W LED M/NM IP65 EMERGENCY BULKHEAD C/W EURO LEGEND	8

## Accessories

1051088377	NLE3BISOL	ISO7010 LEGEND KIT FOR NLE3B
1051088378	NLE3BRMK	RECESSED MOUNT KIT FOR NLE3B
1051088379	NLE3BDDA	DROP DOWN ATTACHMENT FOR NLE3B



# LED Emergency Suspended Exit Sign

A suspended LED exit sign with a drop blade and range of legends allowing complete flexibility in any installation.



No re-lamping or maintenance required for lifetime of the fitting



Maintained operation with charge indicator lamp



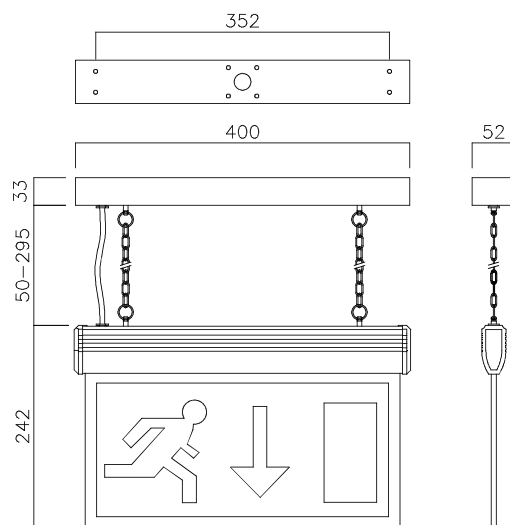
Maximum viewing distance of 30M



Order No.	Model No.	Description	Fluorescent Equivalent (W)
1051088380	NLE3SES	3W LED M WHITE EMERGENCY SUSPENDED EXIT SIGN C/W EURO DOWN	8

## Accessories

1051088381	NLE3SESELU	EURO LEGEND ARROW UP FOR NLE3SES
1051088382	NLE3SESELLR	EURO LEGEND ARROW L/R FOR NLE3SES
1051088383	NLE3SESILU	ISO 7010 EURO LEGEND ARROW UP FOR NLE3SES
1051088384	NLE3SESILLR	ISO 7010 EURO LEGEND ARROW L/R FOR NLE3SES
1051088385	NLE3SESILD	ISO 7010 EURO LEGEND ARROW DOWN FOR NLE3SES





# LED Emergency Wall Exit Box

A slim and stylish LED exit sign with a range of legends.



No re-lamping or maintenance required for the lifetime of the fitting



Can be installed in maintained switchable, maintained non-switchable or non-maintained mode



Supplied with euro down legend fitted. Up and left/right legends are also supplied loose in the packaging



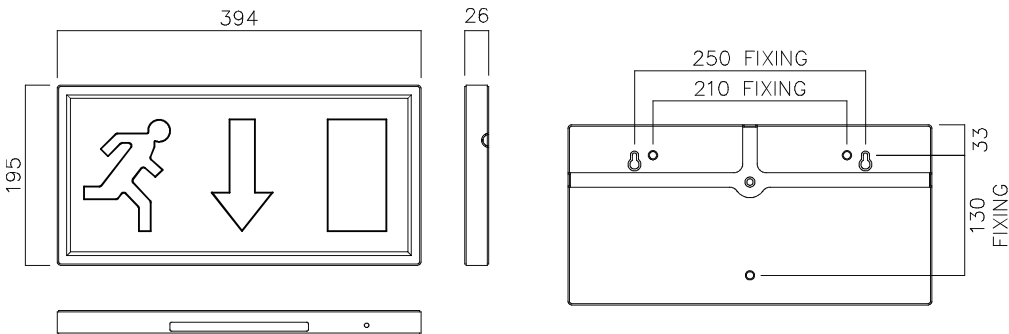
Maximum viewing distance of 30M



Order No.	Model No.	Description	Fluorescent Equivalent (W)
1051088386	NLE3WES	5W LED M/NM EMERGENCY WALL EXIT BOX C/W EURO LEGENDS	8

Accessories

1051088387	NLE3WESILU	ISO 7010 LEGEND ARROW UP FOR NLE3WES
1051088388	NLE3WESILD	ISO 7010 LEGEND ARROW DOWN FOR NLE3WES
1051088389	NLE3WESILLR	ISO 7010 LEGEND ARROW L/R FOR NLE3WES



- Indoor Commercial
- Emergency
- Outdoor Commercial
- Industrial
- Residential
- Lamps
- Lighting Controls

# LED Emergency Escape Route

A recessed mounted emergency LED which avoids the need for unsightly surface bulkheads. Supplied with an additional 140mm mounting disc for optional use depending on the size of the ceiling hole.



No re-lamping maintenance required for lifetime of the fitting



Non-maintained operation with a momentary manual test button fitted



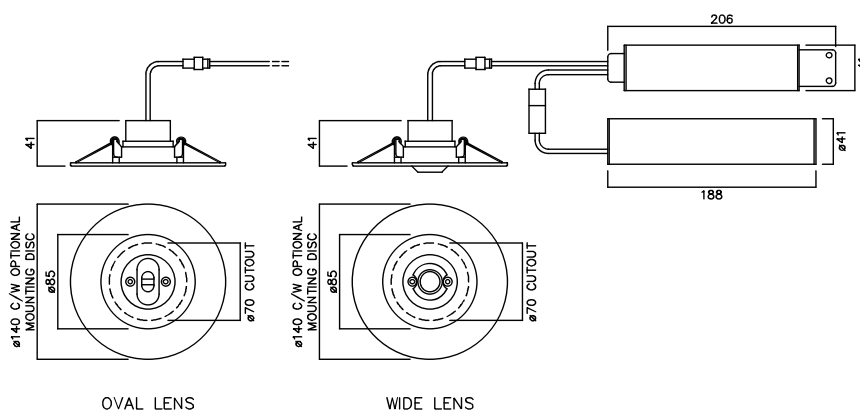
Available with a circular distribution for open areas, or an oval distribution for corridors



Circular distribution




Oval distribution for corridors

Order No.	Model No.	Description	Fluorescent Equivalent (W)
1051088390	NLE3R	2W LED NM EMERGENCY RECESSED CIRCULAR DISTRIBUTION	8
1051088391	NLE3RC	2W LED NM EMERGENCY RECESSED CORRIDOR DISTRIBUTION	8



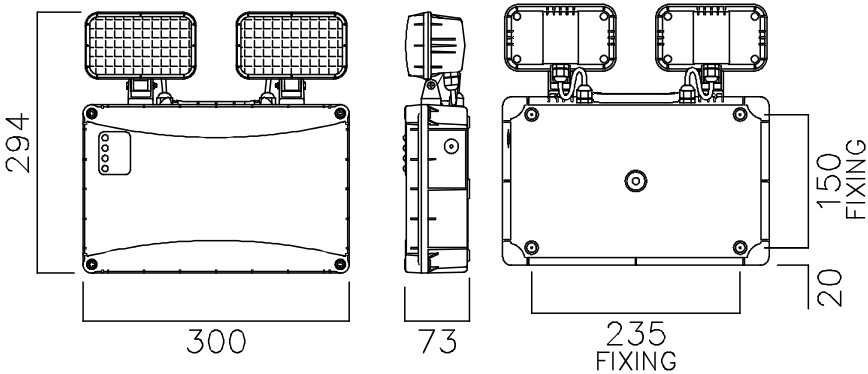
# LED Emergency Twinspot

A robust LED twinspot suitable for general commercial/industrial use with a wide operating temperature range of 0°C to 40°C. Suitable for mounting in any orientation.

- FIT + FORGET** No re-lamping or maintenance required for lifetime of the product
-  Non-maintained and self-testing to BS5266 comprising a monthly functional test and an annual three hour test
-  Indicator lamps and audible buzzer (which can be disconnected) to indicate test status
-  Injection moulded ABS body and polycarbonate heads



Order No.	Model No.	Description	Halogen Equivalent (W)
1051088392	NLE3TS	2 X 3W LED NON-MAINTAINED IP65 EMERGENCY SELF TEST Twinspot	2 x 18



# Outdoor Commercial



Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)



# LED Commercial Outdoor Bulkhead

An LED equivalent for 16W & 28W 2D bulkhead luminaires ideal for new installations and retro fit applications. The range of accessories allow for a more decorative look yet maintaining its robust performance.



## Materials

- Polycarbonate body
- Opal polycarbonate diffuser secured by 3 screws



Easy access with a hinged gear tray to allow for installation or maintenance in situation



Quick installation with push fit connectors and BESA box fixing points



Circular and eyelid trims for a more attractive finish



Emergency 3hr duration options available



LBHDWHTRIM12



LBHD12IP65840WH

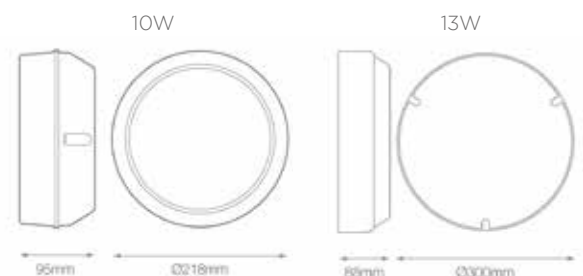


LBHDBKEYE12

Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003660	LBHD7IP65840WH	LED WHITE BULKHEAD SMALL	10	900	90	4000K	
2501003661	LBHD12IP65840WH	LED WHITE BULKHEAD LARGE	13	1300	100	4000K	
2501003662	LBHD12IP65840WHE3	LED WHITE BULKHEAD LARGE	13	1300	100	4000K	Y
2501003663	LBHD12IP65840BK	LED BLACK BULKHEAD LARGE	13	1300	100	4000K	
2501003664	LBHD12IP65840BKE3	LED BLACK BULKHEAD LARGE	13	1300	100	4000K	Y

## Accessories

2501003665	LBHDWHTRIM12	WHITE TRIM RING 1300LM LARGE
2501003666	LBHDBKTRIM12	BLACK TRIM RING 1300LM LARGE
2501003667	LBHDWHEYE12	WHITE EYELID TRIM 1300LM LARGE
2501003668	LBHDBKEYE12	BLACK EYELID TRIM 1300LM LARGE



Indoor Commercial

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# LED Wallpack

An LED equivalent for SON and Metal Halide wallpack luminaires ideal for new installations and retro fit applications. With an attractive, curved profile this heavy duty wallpack with high impact resistance allows for practical use while retaining its visually attractive appearance.



## Materials

- Polycarbonate body
- Opal polycarbonate diffuser



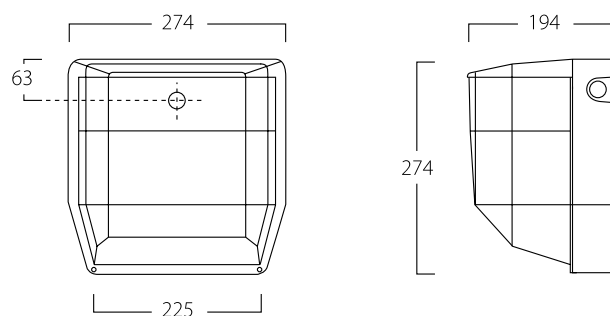
Dusk to dawn photocell option available for even greater energy savings



Emergency 3hr durations options available



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003669	LEDWPCK/30/840	LED WALLPACK	30	3280	109	4000K	
2501003670	LEDWPCK/30/840/PH	LED WALLPACK PHOTOCELL	30	3280	109	4000K	
2501003671	LEDWPCK/30/840/E3	LED WALLPACK	30	3280	109	4000K	Y
2501003672	LEDWPCK/30/840/PH/E3	LED WALLPACK PHOTOCELL	30	3280	109	4000K	Y



# LED Outdoor Floodlight

A range of slim and attractive floodlights ideal for residential and general floodlighting applications. At only 15mm thick it is one of the slimmest floodlights on the market, allowing for a discreet look when installed. With no frame and a 4mm thick frosted toughened glass face, it will add a touch of quality to any installation.



## Materials

- Aluminium body
- Glass diffuser



Available with PIR option for added energy savings. Moveable PIR bracket to allow for greater control of presence detection



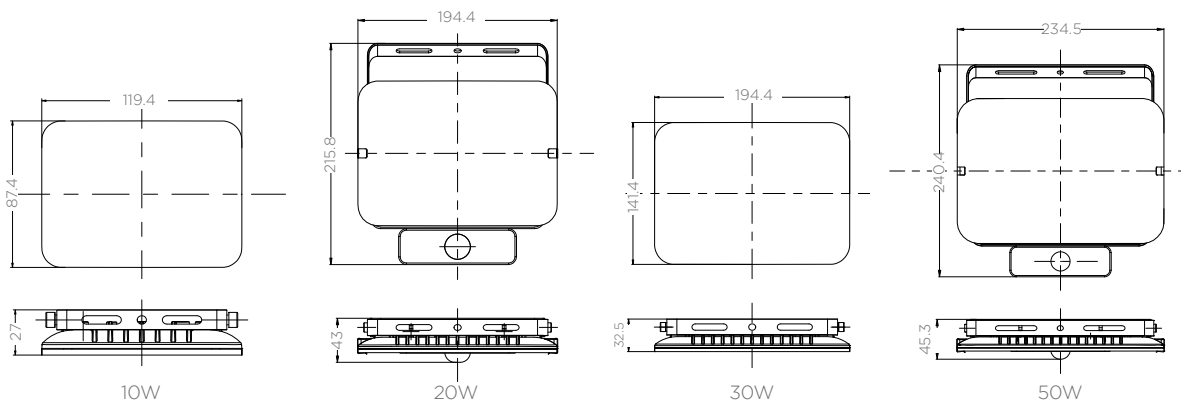
Wide beam angle of 110°



Complete with mounting bracket for quick installation



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003673	LFLD9840	LED BLACK FLOODLIGHT	10	900	90	4000K
2501003674	LFLD9840PIR	LED BLACK FLOODLIGHT & PIR	10	900	90	4000K
2501003675	LFLD18840	LED BLACK FLOODLIGHT	20	1800	90	4000K
2501003676	LFLD18840PIR	LED BLACK FLOODLIGHT & PIR	20	1800	90	4000K
2501003677	LFLD27840	LED BLACK FLOODLIGHT	30	2700	90	4000K
2501003678	LFLD27840PIR	LED BLACK FLOODLIGHT & PIR	30	2700	90	4000K
2501003679	LFLD45840	LED BLACK FLOODLIGHT	50	4500	90	4000K
2501003680	LFLD45840PIR	LED BLACK FLOODLIGHT & PIR	50	4500	90	4000K



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Lamps

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# Industrial



Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)



# LED Industrial Floodlight

The industrial floodlight range is ideal for both industrial and commercial applications offering equivalents up to 250W SON/MH, whilst offering significant energy savings over discharge light fittings. With a similar size and shape to traditional commercial floodlights, these are ideal for retrofit applications.



## Materials

- Aluminium housing and body
- Glass diffuser



Available with Photocell option for added energy savings



Features a 50cm pre-wired Industrial flex for quick installation



Integral driver – straight to mains connection for quick & easy installation



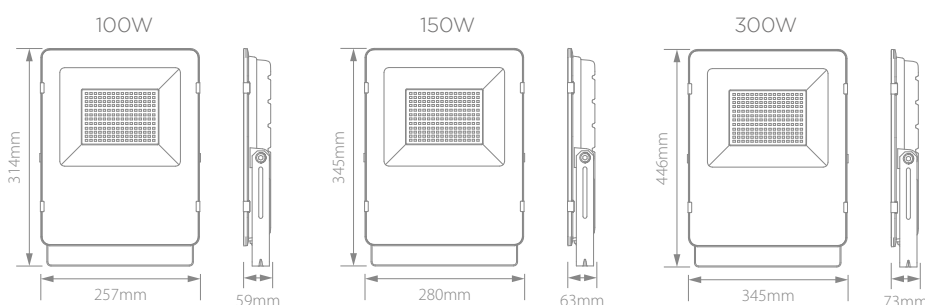
Complete with mounting bracket to save on installation time



Features a Beam angle of 110°



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003681	LINFLD90840	LED BLACK INDUSTRIAL FLOODLIGHT	100	9000	100	4000K
2501003682	LINFLD90840PH	LED BLACK INDUSTRIAL FLOODLIGHT & PH	100	9000	100	4000K
2501003683	LINFLD135840	LED BLACK INDUSTRIAL FLOODLIGHT	150	13500	90	4000K
2501003684	LINFLD135840PH	LED BLACK INDUSTRIAL FLOODLIGHT & PH	150	13500	90	4000K
2501003685	LINFLD270840	LED BLACK INDUSTRIAL FLOODLIGHT	300	27000	90	4000K
2501003686	LINFLD270840PH	LED BLACK INDUSTRIAL FLOODLIGHT & PH	300	27000	90	4000K



Indoor Commercial

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# LED Weatherproof

An LED equivalent for 4ft, 5ft & 6ft fluorescent weatherproof luminaires ideal for new and retrofit applications. A robust solution for a variety of indoor or under canopy applications.



## Materials

- Polycarbonate body
- Stainless steel clips
- Opal polycarbonate diffuser



Anti-tamper diffuser clips for added security



Fast fix mounting clips for rapid installation, with no need to drill the housing and avoiding potential ingress



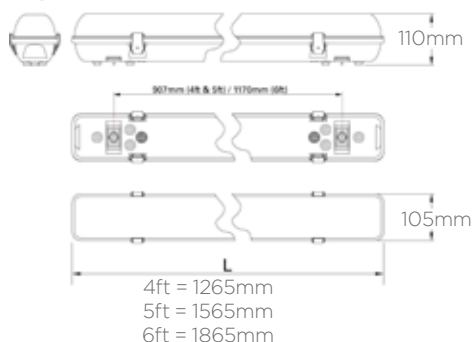
Emergency 3hr durations options available



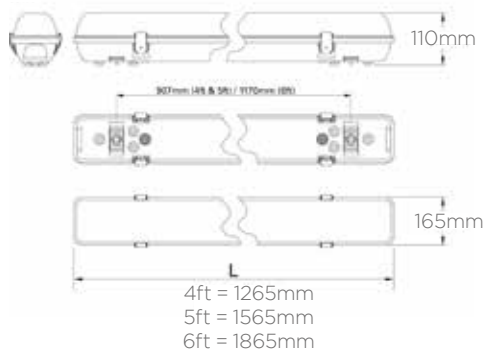
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)	Emergency
2501003687	LEDWP/24W/840	4FT LED WEATHERPROOF SINGLE	24	2500	104	4000K	
2501003688	LEDWP/24W/840/E3	4FT LED WEATHERPROOF SINGLE	24	2500	104	4000K	Y
2501003689	LEDWP/46W/840	4FT LED WEATHERPROOF TWIN	46	4900	107	4000K	
2501003690	LEDWP/46W/840/E3	4FT LED WEATHERPROOF TWIN	46	4900	107	4000K	Y
2501003691	LEDWP/41WLED/840	5FT LED WEATHERPROOF SINGLE	41	3600	88	4000K	
2501003692	LEDWP/41W/840/E3	5FT LED WEATHERPROOF SINGLE	41	3600	88	4000K	Y
2501003693	LEDWP80W/840	5FT LED WEATHERPROOF TWIN	80	7100	89	4000K	
2501003694	LEDWP/80W/840/E3	5FT LED WEATHERPROOF TWIN	80	7100	89	4000K	Y
2501003695	LEDWP/47W/840	6FT LED WEATHERPROOF SINGLE	47	4800	102	4000K	
2501003696	LEDWP/47W/840/E3	6FT LED WEATHERPROOF SINGLE	47	4800	102	4000K	Y
2501003697	LEDWP/95W/840	6FT LED WEATHERPROOF TWIN	95	9500	100	4000K	
2501003698	LEDWP/95W/840/E3	6FT LED WEATHERPROOF TWIN	95	9500	100	4000K	Y



Single



Twin



# LED Lowbay

A surface mounted or suspended range of lowbays that are an ideal replacement for your warehouse lighting. Robust construction and an operating temperature range of -25°C to +40°C make it suitable for most industrial applications.

- 

**Materials**
  - Steel body
  - Polycarbonate LED cover
- 

110° beam angle as standard
- 

Optional opal diffuser for lower mounting heights
- 

Pre-Wired with 2M of flex



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003699	LLBAY12840	LED LOWBAY	109	11895	109	4000K
2501003700	LLBAY16840	LED LOWBAY	144	16220	112	4000K
2501003701	LLBAY21840	LED LOWBAY	179	21230	118	4000K

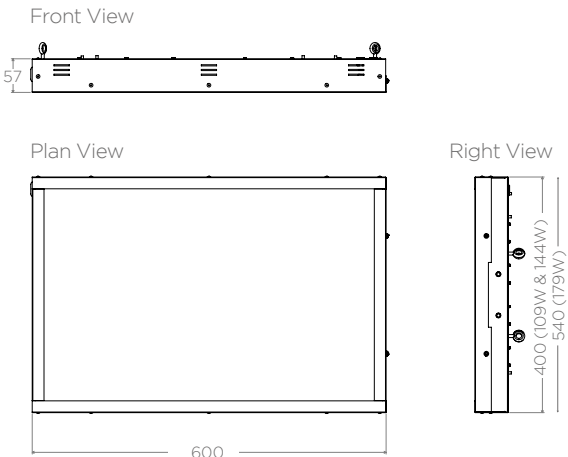
Accessories	
1051091534	LOWBAY OPAL DIFFUSER
1051091535	LOWBAY TRUNKING MOUNTED BRACKETS









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# Highbay

A highly efficient replacement for 150W, 250W and 400W HID highbay luminaires. Unlike HID, LED luminaires don't have a re-strike time, so don't suffer from downtime and can be turned off to save further energy.



## Materials

- Aluminium body
- Polycarbonate lens



Pre-Wired with 2M of flex



Suspendable by chain



50,000 hour life offering extended maintenance/inspection cycles compared to HID



80+ CRI offers increased visibility for task lighting



Vibration resistant



120° beam angle focus's light to where it is required. 60°, 70° & 90° optics are also available.



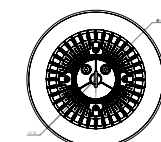
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003702	LHBAY11840	LED HIGHBAY	90	10900	121	4000K
2501003703	LHBAY18840	LED HIGHBAY	150	17300	115	4000K
2501003704	LHBAY23840	LED HIGHBAY	195	21850	112	4000K

## Accessories

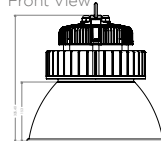
2500926107	60 DEGREE HIGHBAY REFLECTOR
2500926108	70 DEGREE HIGHBAY REFRACTOR
2500926109	90 DEGREE HIGHBAY REFLECTOR



Plan View

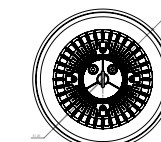


Front View

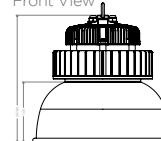


60°

Plan View



Front View

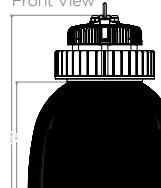


90°

Plan View

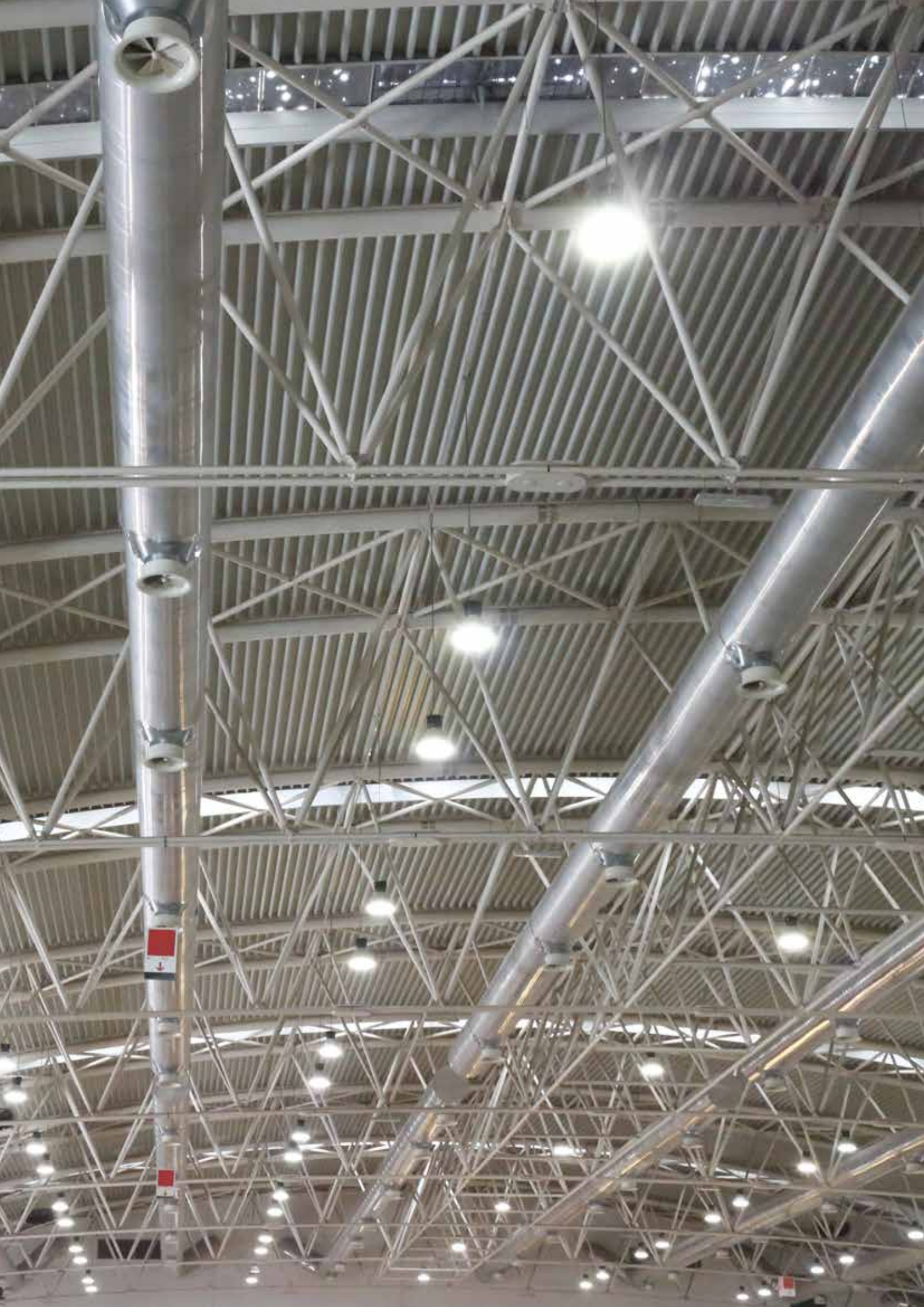


Front View



70°







# Residential

A modern residential bathroom featuring blue subway tiles on the walls and floor. The space includes a glass shower enclosure with a rainfall showerhead, a white vanity unit with a rectangular sink and a chrome faucet, and a large mirror above the vanity. A small window with a chrome frame is set into the tiled wall. The ceiling has recessed lighting, and a towel hangs on a rack on the left.

Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)

# LED Downlight

A new range of residential LED downlights with twist and lock bezels which allow quick and easy first fix or the ability to change the bezel finish without removing the luminaire.



Tool free loop in/loop out wiring



Insulation coverable



30, 60 & 90 minute fire rated – Building Regulations Part B compliant



Condensation/air leakage tested – Building Regulations Part C compliant



Acoustically rated – Building Regulations Part E compliant



Efficiency of over 82 lm/W – Building Regulations Part L compliant



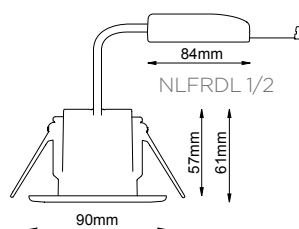
55° beam angle for increased light output



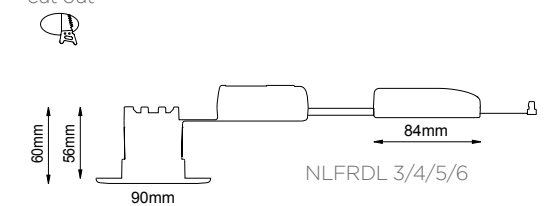
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2500987650	NLFRDL1	LED FIRE RATED DOWNLIGHT	4.8	400	83	3000K
2500987651	NLFRDL2	LED FIRE RATED DOWNLIGHT	4.8	400	83	4000K
2500987652	NLFRDL3	LED FIRE RATED DOWNLIGHT PLUS	6.7	550	82	3000K
2500987653	NLFRDL4	LED FIRE RATED DOWNLIGHT PLUS	6.7	550	82	4000K
2500987654	NLFRDL5	LED FIRE RATED DOWNLIGHT PRO	9	750	83	3000K
2500987655	NLFRDL6	LED FIRE RATED DOWNLIGHT PRO	9	750	83	4000K

## Accessories

2500987656	NLFRDLTW	LED FIRE RATED DOWNLIGHT TRIM WHITE
2500987657	NLFRDLTC	LED FIRE RATED DOWNLIGHT TRIM CHROME
2500987658	NLFRDLTSC	LED FIRE RATED DOWNLIGHT TRIM SATIN CHROME



64-72mm cut out



Indoor Commercial

Emergency

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# LED Colour Switchable Downlight

This versatile fire rated downlight can be switched to either 3000K, 4000K or 6000K after installation. With a range of detachable bezels this is a fitting suitable for any application, both residential and commercial.



## Materials

- Steel body
- Aluminium bezel - comes with white included
- Polycarbonate lens



Remote plug and play dimmable driver results in a fitting suitable for multiple applications



Range of conversion plates also available to allow retrofit into holes between 70mm - 130mm



30/60/90 minute fire rating and fully compliant with Parts B, C, E & L of the Building Regulations



## How does it work?

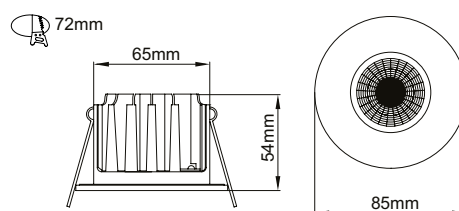
- Rapid switching of switch allows for colour selection
- Retains colour at last turn off
- Reset function allows for resetting without disconnection of wires



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003705	LCCFRDL6	COLOUR SWITCHABLE LED FIRE RATED DOWNLIGHT	10	655, 736, 468	60	3000K, 4000K, 6000K

## Accessories

2500923348	LEDCCFRDL/BEZEL/PC	POLISHED CHROME BEZEL
2500923349	LEDCCFRDL/BEZEL/SC	SATIN CHROME BEZEL
2500923350	LEDFRDL/CONPL/WH	CONVERSION PLATE WHITE
2500923351	LEDFRDL/CONPL/CH	CONVERSION PLATE CHROME
2500923352	LEDFRDL/CONPL/SC	CONVERSION PLATE SATIN CHROME



# LED Professional Strip

This range of strip lights is ideal for any accent or feature lighting requirements. Available in IP33 for indoor and IP67 for outdoor areas.



Available in 3000K (residential) and 6500K (commercial and retail) or colour changing RGB



Connectors available

- Cut length re-use connector
- Straight length joining connector
- Corner length joining connector



Can be cut every 166MM



Genuine 3M tape for consistent and strong application



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003706	LSTRPIP33830	IP33 5M LED STRIP	30	425	14	3000K
2501003707	LSTRPIP33865	IP33 5M LED STRIP	30	460	15	6500K
2501003708	LSTRPIP67830	IP67 5M LED STRIP	30	325	11	3000K
2501003709	LSTRPIP67865	IP67 5M LED STRIP	30	350	12	6500K
2501003710	LSTRPIP33RGBW*	IP33 5M LED RGBW STRIP	N/A	N/A	N/A	RGBW

## Accessories

2501003711	LSTRPDIVERWHT	IP20 40W LED DRIVER FOR 3000K & 6500K LED STRIP
2501003712	LSTRPDIVERRGBW	IP20 75W LED DRIVER FOR LED STRIP RGBW
2501003713	LSTRPRGBWCONT	CONTROLLER FOR RGBW STRIP
2501013279	LSTRIPREUCONNRGBW	RGBW CUT LENGTH REUSE CONNECTOR
2501013280	LSTRIPSTRCONNRGBW	RGBW STRAIGHT LENGTH JOIN CONNECTOR
2501013281	LSTRIPCORCONNRGBW	RGBW CORNER LENGTH JOIN CONNECTOR
2501013282	LSTRIPREUCONNWH	WHITE CUT LENGTH REUSE CONNECTOR
2501013283	LSTRIPSTRCONNWH	WHITE STRAIGHT LENGTH JOIN CONNECTOR
2501013284	LSTRIPCORCONNWH	WHITE CORNER LENGTH JOIN CONNECTOR

\*RGB controller is not included in the kit, please purchase separately



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# LED Under Cabinet Link Light

A range of LED mains voltage link lights available in 3000K and 4000K. Available in a range of sizes that are fully linkable, providing maximum flexibility for various applications.



## Materials

- Polycarbonate body - White RAL9016
- Polycarbonate diffuser



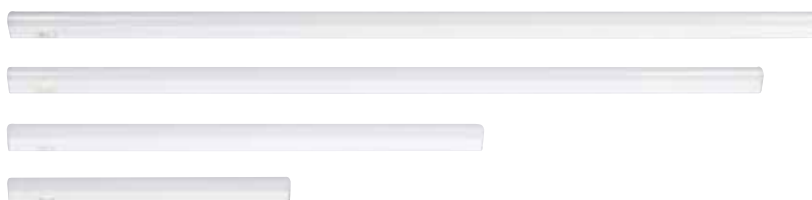
Linkable with the use of various length link leads



120° beam angle



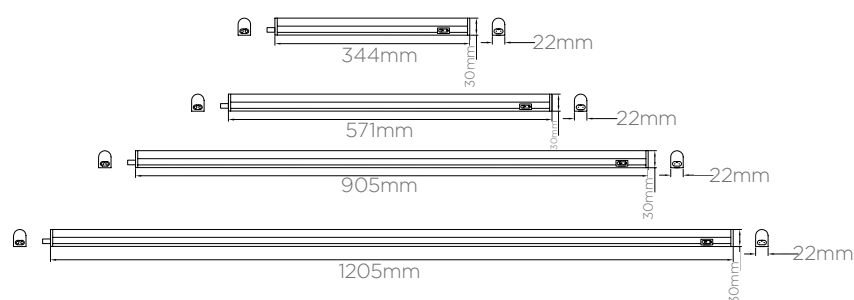
Under cabinet or wall mountable



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2500979823	NLLUL5	WHITE UNDERSHELF LINK LIGHT 344MM	4	500	125	3000K
2500979824	NLLUL6	WHITE UNDERSHELF LINK LIGHT 571MM	7	860	122	3000K
2500979825	NLLUL7	WHITE UNDERSHELF LINK LIGHT 905MM	14	1590	113	3000K
2500979826	NLLUL8	WHITE UNDERSHELF LINK LIGHT 1205MM	18	2050	113	3000K
2500979827	NLLUL9	WHITE UNDERSHELF LINK LIGHT 344MM	4	520	130	4000K
2500979828	NLLUL10	WHITE UNDERSHELF LINK LIGHT 571MM	7	820	117	4000K
2500979829	NLLUL11	WHITE UNDERSHELF LINK LIGHT 905MM	14	1620	116	4000K
2500979830	NLLUL12	WHITE UNDERSHELF LINK LIGHT 1205MM	18	2100	117	4000K

## Accessories

1051050494	NLLED150LEAD	NLLED150LEAD NEWLEC 150MM LEAD FOR LED UNDERSHELF
1051050495	NLLED300LEAD	NLLED300LEAD NEWLEC 300MM LEAD FOR LED UNDERSHELF
1051050496	NLLED500LEAD	NLLED500LEAD NEWLEC 500MM LEAD FOR LED UNDERSHELF



# LED Cabinet Light

A range of LED mains voltage cabinet lights available in 3000K and 4000K which provide a modern and sleek look to any installation.



## Materials

- Polycarbonate body
- Polycarbonate bezel - Satin Chrome
- Polycarbonate diffuser



Surface or recessed mountable



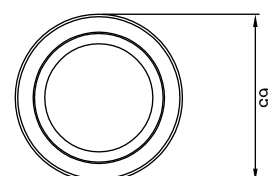
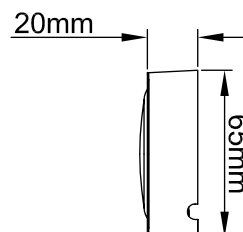
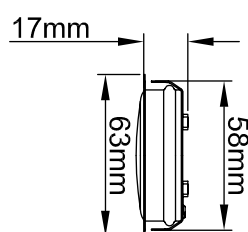
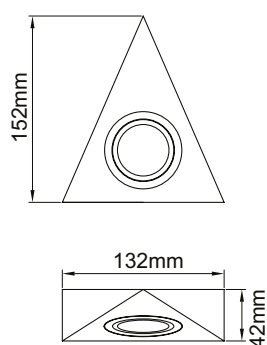
100° beam angle



Circular or Triangular fittings available



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003714	LCABCIRC830	LED CIRCULAR MAINS CABINET	1.5	110	73	3000K
2501003715	LCABCIRC840	LED CIRCULAR MAINS CABINET	1.5	130	86	4000K
2501003716	LCABTRI830	LED TRIANGULAR MAINS CABINET	1.5	110	73	3000K
2501003717	LCABTRI840	LED TRIANGULAR MAINS CABINET	1.5	130	86	4000K



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# LED Decorative Bulkhead

An LED bulkhead, ideal for bathrooms, utility and decorative installations. Easy installation with interchangeable twist on and off white, and polished chrome bezels for classic or decorative finishes.



## Materials

- Polycarbonate body
- Polycarbonate diffuser



Wall and ceiling mountable



Push fit connector for quick and easy installation



Comes with white and chrome bezels in the box

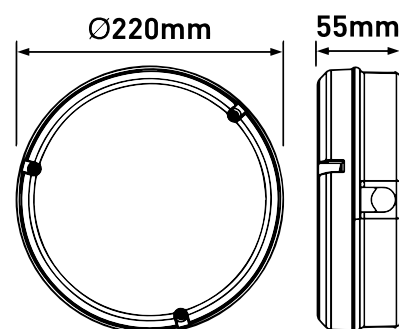


White Finish




Chrome Finish

Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003718	LDECBHEAD840	RESIDENTIAL DECORATIVE BULKHEAD	15	1250	83	4000K



# LED Shaver Light


This stylish LED shaver light is suitable for all bathroom lighting applications, providing a power outlet to allow for charging and electrical usage this is a multi-usage fitting that can easily be installed in new or retrofit installations.

- 


Materials
  - Polycarbonate body
  - Opal polycarbonate diffuser



Complete with 110v/240v shaver power and charging output




Available in white and chrome finish





Pull cord switch for easy usage






Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003719	LSHVWH840	LED SHAVER LIGHT WHITE WITH SOCKET	8	560	70	4000K
2501003720	LSHVCH840	LED SHAVER LIGHT CHROME WITH SOCKET	8	560	70	4000K



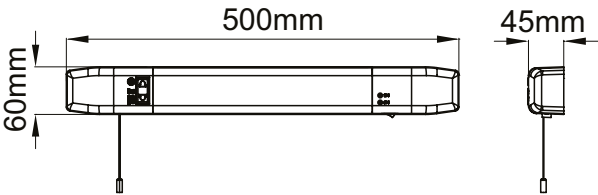




Chrome

White



# LED Globe Light

A stylish LED ceiling globe luminaire available in 4000K with 360° distribution beam angle.



## Materials

- Opal polycarbonate diffuser
- Opal acrylic lens



Polycarbonate globe diffuser for safer install and maintenance



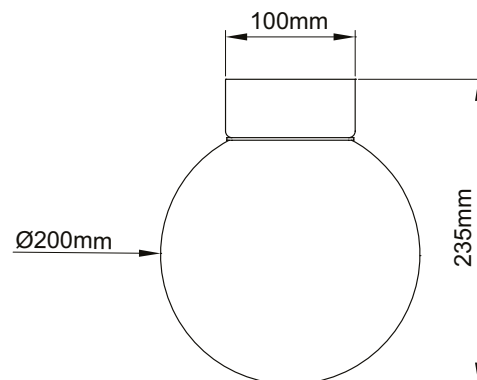
Quick and easy installation



Suitable for bathroom installation




Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003721	LGLOBE840	LED POLYCARBONATE GLOBE LIGHT	8	535	67	4000K






# LED Coach and Wall Lanterns


A range of stylish and robust LED lanterns, suitable for all exterior applications including coastal areas.

- 

Materials
  - Polycarbonate housing
  - Opal polycarbonate diffuser



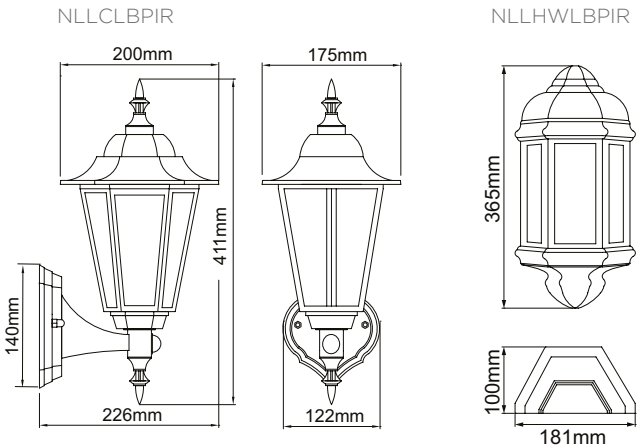
PIR option available for added energy saving



Light weight product for easy install and maintenance



Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
1051091676	NLLHWLB	BLACK POLYCARBONATE HALF WALL LANTERN	10	400	40	4000K
1051091677	NLLHWLBPIR	BLACK POLYCARBONATE HALF WALL LANTRN	10	400	40	4000K
1051091674	NLLCLB	BLACK POLYCARBONATE COACH LANTERN	7	370	53	4000K
1051091675	NLLCLBPIR	BLACK POLYCARBONATE COACH LANTERN PIR	7	370	53	4000K



# LED Outdoor Decorative

A range of outdoor decorative lights which offers style and substance, with contemporary designs and a hardwearing, weatherproof aluminium construction. This range of modern luminaires creates the perfect accent lighting for exterior walls in residential and commercial environments with all the low-energy and long-life benefits of LED.



## Materials

- Aluminium body
- Polycarbonate diffuser



Matt black finish to avoid any unsightly glare from gloss finish



Lightweight product for easy install



Self adhesive house numbers allow for customisation of LWALL840DUSK



LELWALL840



LELUPDN840



LOVUPDN840



LWALL840



LLINUPDN840



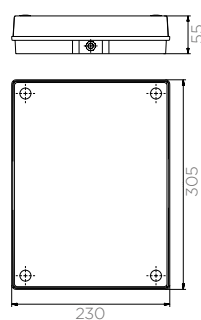
LWALL840DUSK

Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003722	LELWALL840	LED ELLIPTICAL WALL LIGHT IP65	13	620	48	4000K
2501003723	LWALL840DUSK	LED WALL LIGHT WITH DUSK SENSOR IP54	8	495	62	4000K
2501003724	LWALL840	LED WALL LIGHT IP54	8	315	39	4000K
2501003725	LLINUPDN840	LED LINEAR UP DOWN LIGHT IP65	7	320	46	4000K
2501003726	LELUPDN840	LED ELLIPTICAL UP DOWN LIGHT IP65	9	420	47	4000K
2501003727	LOVUPDN840	LED OVOID UP DOWN LIGHT IP54	8.5	335	39	4000K

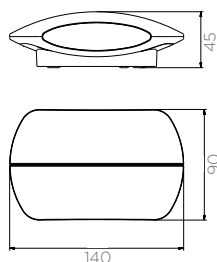


LWALL840DUSK

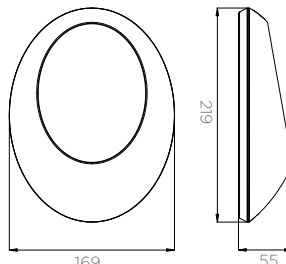
LWALL840



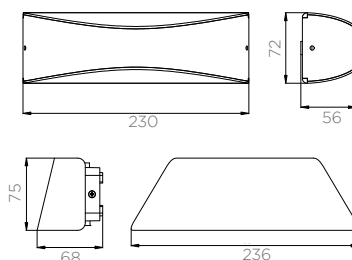
LOVUPDN840



LELWALL840



LLINUPDN840



LELUPDN840

# LED Marker/Pathway Light

A range of visually appealing and sleek pathway and marker lights, ideal for illuminating walkways and the outskirts of buildings.



## Materials

- Polycarbonate body
- Polycarbonate diffuser



Matt black finish to avoid any unsightly glare from gloss finish



Lightweight product for easy install and maintenance



LRNDMKR36840



LSQRMKR19840

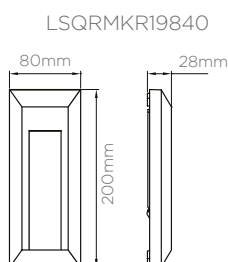


LSQMKR36840

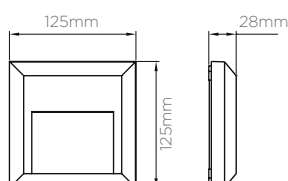


LSQRMKR65840

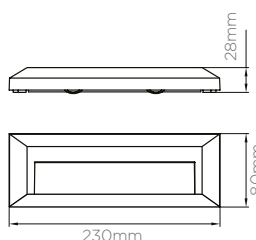
Order No.	Model No.	Description	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501003728	LRNDMKR36840	LED ROUND MARKER LIGHT	1.5	36	24	4000K
2501003729	LSQMKR36840	LED SQUARE MARKER LIGHT	1.5	36	24	4000K
2501003730	LSQRMKR65840	LED SQUARE MARKER LIGHT	3	65	22	4000K
2501003731	LSQRMKR19840	LED SQUARE MARKER LIGHT	1	19	19	4000K



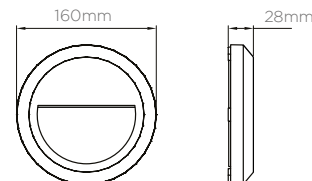
LSQRMKR19840



LSQMKR36840



LSQRMKR65840



LRNDMKR36840

Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

# Lamps



Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)



# LED 240V GU10

The LED GU10 range provides energy efficient direct replacements for 35W and 50W standard tungsten halogen lamps. Available in warm white suitable for almost every type of living space and cool white for commercial and office environments.



Standard and dimmable options available



Wide beam angle ideal for general area lighting



Over 76 Lumens per Circuit Watt



Order No.	Model No.	Description	Halogen Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001512	NL GU102327	LED GU10	35	2.6	230	88	2700K
2501001513	NL GU102340	LED GU10	35	2.6	230	88	4000K
2501001514	NL GU103527	LED GU10	50	4.3	350	81	2700K
2501001515	NL GU103540	LED GU10	50	4.3	350	81	4000K
2501001516	NL GU103527D	LED GU10 DIM	50	4.6	350	76	2700K
2501001517	NL GU103540D	LED GU10 DIM	50	4.6	350	76	4000K



Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

# LED 12 V MR16 GU5.3

The LED MR16 range provides energy efficient direct replacements for standard halogen lamps. Available in warm white suitable for almost every type of living space and cool white for commercial and office environments.



Easy retrofit for traditional halogen lamps



Standard and dimmable options available



Wide beam angle ideal for general area lighting



77 Lumens per Circuit Watt



Order No.	Model No.	Description	Halogen Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001518	NLMR162327	LED MR16	35	2.9	230	79	2700K
2501001519	NLMR162340	LED MR16	35	2.9	230	79	4000K
2501001520	NLMR162327D	LED MR16 DIM	35	3	230	77	2700K
2501001521	NLMR162340D	LED MR16 DIM	35	3	230	77	4000K



# LED GLS

The LED GLS range provides energy efficient direct replacements for the 40W and 60W standard halogen lamps. Available in warm white it is suitable for almost every type of living space.



Easy retrofit for traditional halogen lamps



Standard and dimmable options available



Wide beam angle ideal for general area lighting



Over 115 Lumens per Circuit Watt



Order No.	Model No.	Description	Halogen Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001522	NLGLS4727B22	LED GLS B22	40	4	470	118	2700K
2501001523	NLGLS4727E27	LED GLS E27	40	4	470	118	2700K
2501001524	NLGLS8027B22	LED GLS B22	60	7	806	115	2700K
2501001525	NLGLS8027E27	LED GLS 2700K E27	60	7	806	115	2700K
2501001526	NLGLS8027B22D	LED GLS DIM B22	60	7	806	115	2700K
2501001527	NLGLS8027E27D	LED GLS DIM E27	60	6.5	806	124	2700K



Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

# LED Candle

The LED candle range provides energy efficient direct replacements for the 40W standard halogen lamp. Available in warm white it is suitable for almost every type of living space.



Easy retrofit for traditional halogen lamps



Standard and dimmable options available



Wide beam angle ideal for general area lighting



Over 104 Lumens per Circuit Watt



Order No.	Model No.	Description	Halogen Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001528	NLC4727E14	LED CANDLE E14	40	4	470	118	2700K
2501001529	NLC4727B22	LED CANDLE B22	40	4	470	118	2700K
2501001530	NLC4727E14D	LED CANDLE DIM E14	40	4.5	470	104	2700K
2501001531	NLC4727B22D	LED CANDLE DIM B22	40	4.5	470	104	2700K





# LED G4 G9

The LED G4 G9 range provides energy efficient direct replacements for the 20W standard halogen lamp. Available in warm white it is suitable for almost every type of living space.



Easy retrofit for traditional halogen lamps



Wide beam angle for general area lighting



Over 105 Lumens per Circuit Watt



Order No.	Model No.	Description	Halogen Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001532	NLG42027	LED G4	20	1.7	200	118	2700K
2501001533	NLG92027	LED G9	20	1.9	200	105	2700K



Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

# LED T8 Tubes

The LED tube range provides energy efficient direct replacements for T8 fluorescent tubes. Available in cool white or daylight colour temperatures with the added safety feature of a polycarbonate construction to prevent shattering.



Switch start retrofit – simply replace starter with one provided



HF retrofit – to achieve energy savings control gear must be bypassed and wired directly to mains



Over 105 Lumens per Circuit Watt



Order No.	Model No.	Description	Fluorescent Equivalent (W)	Wattage (W)	Lumens (Lm)	Lumens Per Circuit Watt (Lm/W)	Colour CCT (K)
2501001534	NLT88040	2FT LED T8 TUBE	18	7.6	800	105	4000K
2501001535	NLT81740	4FT LED T8 TUBE	36	16.2	1700	105	4000K
2501001536	NLT82040	5FT LED T8 TUBE	58	19	2000	105	4000K
2501001537	NLT82640	6FT LED T8 TUBE	70	24	2600	108	4000K
2501001538	NLT88065	2FT LED T8 TUBE	18	8	800	105	6500K
2501001539	NLT81765	4FT LED T8 TUBE	36	16	1700	105	6500K
2501001540	NLT82065	5FT LED T8 TUBE	58	19.1	2000	105	6500K
2501001541	NLT82665	6FT LED T8 TUBE	70	24	2600	108	6500K





# Lighting Controls

Datasheets are available to download – [www.rexel.co.uk](http://www.rexel.co.uk)



# Occupancy Detectors – 5 minute guide

## Occupancy detectors work in two ways:

1. Presence detection (auto on/off) – the sensor automatically switches the lighting on when a person enters the room, and off when no movement is detected.
2. Absence detection (Manual on auto off) – a person manually switches the lights on and when no movement is detected the sensor automatically switches the lights off.

## And can control luminaires in two main ways:

1. Basic switching – PIR can be added into existing wiring (with 2 or 3 wire versions available).
2. DALI switching – Allows all fittings in a circuit to be independently controlled. Requires new cable infrastructure to be installed.

## Lux (Light) level sensing

Sensors with lux level functionality react to daylight. They ensure the lights stay off when there is enough natural light. They only turn the lights on when the natural light falls below a pre-set level. Most sensors come with this functionality as standard.

## Adjustable time delay

Allows you to pre-set a time delay (from seconds to minutes) when the lights will switch off from the last detected movement.

## Why install occupancy sensors?

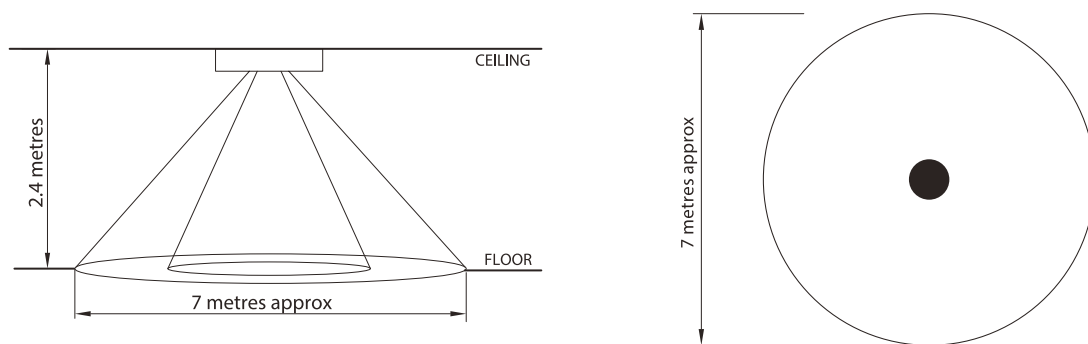
Sensors save energy by reducing the amount of time lighting is left on unnecessarily. In addition they provide security and comfort lighting by ensuring occupied areas are always lit.

# Ceiling Mounted PIR Occupancy Sensor

A ceiling mounted sensor (64mm cut-out & 70mm void depth) that can also be surface or BESA box mounted with the included surface mount box.



- ✓ 360° detection area
- ✓ Presence detection auto on/auto off switching - absence mode available with the addition of a one way switch wired between the switch live of the sensor and the load
- ✓ Red LED indicator signifies when the time delay has been re-triggered and when the unit is in its final minute of countdown
- ✓ Removable bezel allows quick and easy access to time delay and lux controls, both white and chrome finishes are supplied
- ✓ Auto lux sensing feature pre-set at 150lux and manual settings for extra daylight saving control
- ✓ 10 second test mode to speed up installation time
- ✓ Manual override available
- ✓ 3 wire (Live, Switch & Neutral)
- ✓ Can be interlinked with other NL5701B sensors
- ✓ Power input 0.9W
- ✓ Operating temperature -20° to +50°C
- ✓ IP44 when installed
- ✓ Suitable for any load types such as lighting, heating and ventilation systems



Order Code	Description	No. of channels	Time Delay	Switching Capacity at 230V		
				Resistive	Inductive	LED
NL5701B	CEILING/SURFACE MOUNT PIR OCCUPANCY SENSOR	1	2M-1HR*	10A**	10A*	10A**

#### Accessories

Order Code	Description	Rating
NL5705A	POWER FACTOR CORRECTION CAPACITOR	4µF 240V AC

\*Fluorescent lamps should not be set below 15m to maintain lamp life

\*\*Requires NL5705A capacitor for all types of low wattage and LED loads

## LED Solutions products

The Newlec ceiling mounted occupancy detector range is fully compatible with our LED Solutions products, please consult the table below for advice on the number of products that you can use with each detector:

Rexel LED Solutions product	Max no. of fittings per unit		
	NL5701B	NL5704A	NL5706A
600X600MM LED PANEL	60	60	60
1200X600MM LED PANEL	37	37	37
600X600MM DIRECT/INDIRECT LED PANEL	74	74	74
170MM CIRCULAR LED PANEL	188	188	188
210MM CIRCULAR LED PANEL	147	147	147
180MM LED DOWNLIGHT COMMERCIAL	138	138	138
230MM LED DOWNLIGHT COMMERCIAL	71	71	71
4FT SINGLE LED BATTEN	74	74	74
4FT TWIN LED BATTEN	36	36	36
5FT SINGLE LED BATTEN	54	54	54
5FT TWIN LED BATTEN	28	28	28
6FT SINGLE LED BATTEN	45	45	45
6FT TWIN LED BATTEN	26	26	26
5FT TWIN LED SURFACE LINEAR	42	42	42
SMALL INDOOR LED BULKHEAD	268	268	268
LARGE INDOOR LED BULKHEAD	153	153	153

# Wall Mounted PIR Occupancy Sensor

A wall mounted PIR sensor that fits into 25mm depth back boxes.



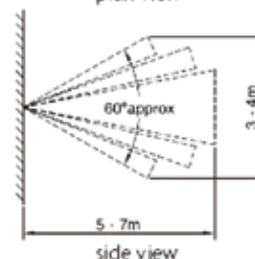
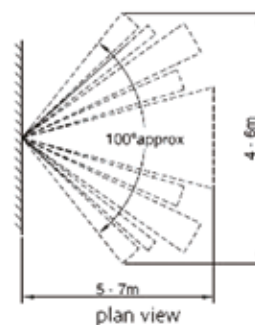
- ✓ 360° detection area with a 5 – 7m detection range
- ✓ Presence detection auto on/auto off switching
- ✓ Lux level control

## NL5704A

- ✓ 2 wire (Live & Switch live only)
- ✓ Can be interlinked with other NL5704A sensors
- ✓ 24 hour uninterrupted supply is required
- ✓ Power input 1W
- ✓ For use with lighting loads only

## NL5706A

- ✓ 3 wire (Live, Switch & Neutral)
- ✓ Manual override available
- ✓ Can be manually controlled for absence detection
- ✓ Can be interlinked with other NL5706A sensors
- ✓ Power input 0.52W
- ✓ For use with all load types and appliances



				Switching Capacity at 230V		
Order Code	Description	No. of channels	Time Delay	Resistive	Inductive	LED
NL5704A	WALL MOUNT PIR OCCUPANCY SENSOR 2 WIRE	1	2M-1HR*	10A**	10A*	10A**
NL5701B	WALL MOUNT PIR OCCUPANCY SENSOR 3 WIRE	1	2M-1HR*	10A**	10A*	10A**

#### Accessories

Order Code	Description	Rating
NL5705A	POWER FACTOR CORRECTION CAPACITOR	4μF 240V AC

\*Fluorescent lamps should not be set below 15m to maintain lamp life

\*\*Requires NL5705A capacitor for all types of low wattage and LED loads

## LED Solutions products

The Newlec wall mounted occupancy detector range is fully compatible with our LED Solutions products, please consult the table below for advice on the number of products that you can use with each detector;

Rexel LED Solutions product	Max no. of fittings per unit		
	NL5701B	NL5704A	NL5706A
600X600MM LED PANEL	60	60	60
1200X600MM LED PANEL	37	37	37
600X600MM DIRECT/INDIRECT LED PANEL	74	74	74
170MM CIRCULAR LED PANEL	188	188	188
210MM CIRCULAR LED PANEL	147	147	147
180MM LED DOWNLIGHT COMMERCIAL	138	138	138
230MM LED DOWNLIGHT COMMERCIAL	71	71	71
4FT SINGLE LED BATTEN	74	74	74
4FT TWIN LED BATTEN	36	36	36
5FT SINGLE LED BATTEN	54	54	54
5FT TWIN LED BATTEN	28	28	28
6FT SINGLE LED BATTEN	45	45	45
6FT TWIN LED BATTEN	26	26	26
5FT TWIN LED SURFACE LINEAR	42	42	42
SMALL INDOOR LED BULKHEAD	268	268	268
LARGE INDOOR LED BULKHEAD	153	153	153

Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

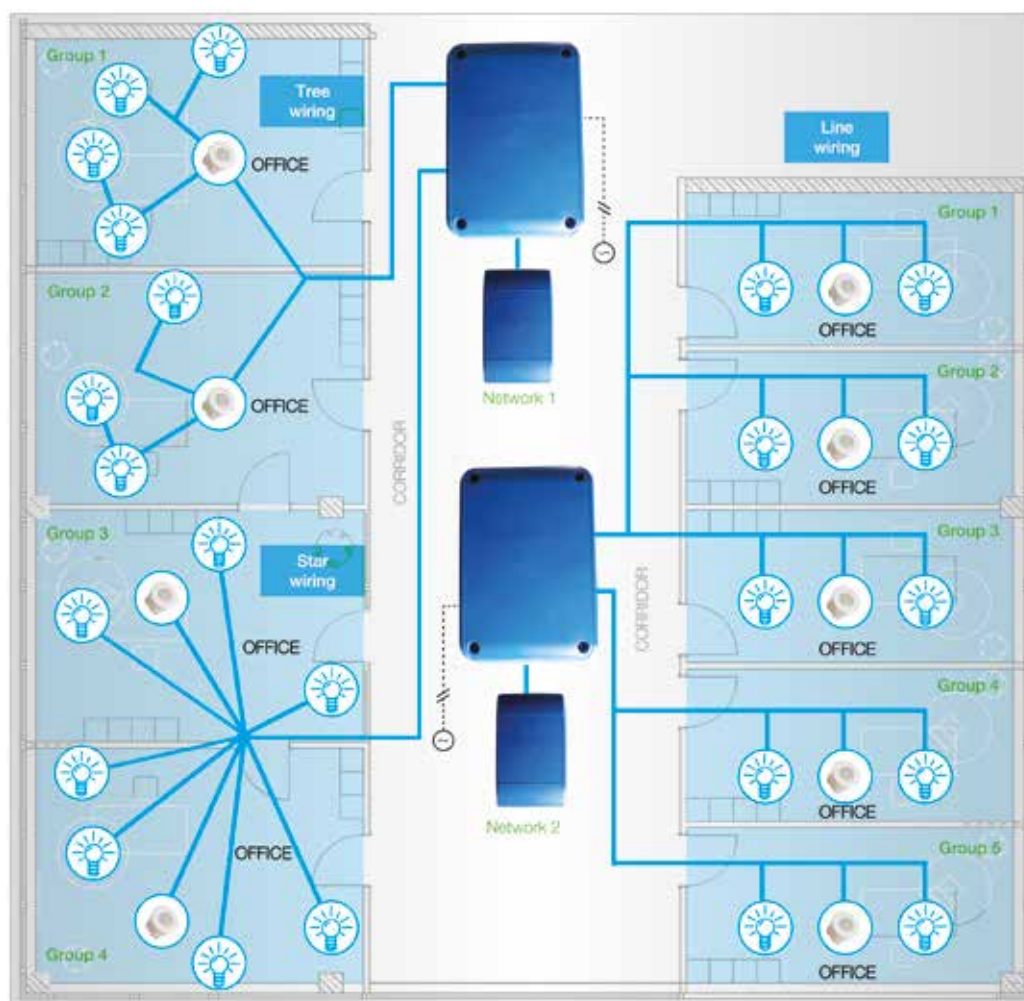


# Newlec DALI Range

Installing a Newlec DALI system is as easy as 1, 2, 3!

1. Wire the power supply, connection box, luminaires and occupancy sensors together.
2. Automatically detect, address and configure the DALI lighting ballasts.
3. Use the remote control to set up/adjust lux and brightness levels and commission the system.

## Example layout for Newlec DALI System



# Case Study - Newlec DALI Lighting Control

## Dwr Cymru Welsh Water, Newport



### Project Overview

#### Company

Dwr Cymru Welsh Water

#### Industry Sector

Facilities Management (FM)

#### Products

Newlec DALI Lighting Control components:

- ✓ Dual purpose remote control
- ✓ Power supply unit
- ✓ Multipurpose connection box
- ✓ Ceiling mounted occupancy detector

LED fitting:

- ✓ Backlit 600mm x 600mm

#### Rexel added value

- ✓ Detailed lighting scheme survey - facilitating the solution to meet client requirements and budget
- ✓ Technical back-up and support to help the FM installer at every stage of the project
- ✓ Relationship management - to ensure all clients requirements are met

#### Key results

- ✓ Annual savings £12,000
- ✓ 6 year return on investment

### Background

As an environmentally responsible and not for profit organisation, Welsh Water committed to a 50% reduction in their carbon footprint by 2035. The obvious way to achieve this was to reduce energy usage, with a reduction in lighting consumption being an easy win towards meeting this objective.

Following a lighting efficiency survey at Welsh Water's Ty Awen office, they identified the only major component letting the building down was lighting efficiency. Therefore this was an important element to address as part of their £45m investment in energy efficiency between 2015 and 2020.

### The Project

Installation of 450 new LED fittings and lighting controls at the Dwr Cymru Welsh Water offices, Newport, South Wales.

### Challenges and Solution

Welsh Water's objective was to reduce the buildings energy consumption by installing replacement LED fittings and lighting controls. Presence detection and daylight harvesting was a preference of the client to combat large areas of the office being lit when unoccupied and to maximise ambient light. This would result in reduced lighting bills and improve the overall ambience of the office space.

To identify the preferred scheme, a trial was undertaken, testing potential LED fittings and control systems for user acceptance, to minimise glare and maximise energy savings. Rexel supported on-site FM contractor, VINCI Facilities, by providing a detailed lighting survey which identified the Newlec DALI Lighting Control system as the most viable option. VINCI found the product easy to fit and simple to programme, particularly compared to previous lighting control systems they had installed that were complicated and expensive.

### Results

An annual energy saving of £12,000 has been achieved, with a 6 year return on investment, following the installation of low energy lighting and controls. Positive feedback has been reported and staff have commented on the improvement in lighting levels and reduction in glare following the completion of the project.

"It's very easy to install, we've been involved with a number of other lighting control systems in the past and they've been a lot more expensive, this has been a lot simpler for us." Peter O'Brien, Technical Manager, VINCI Facilities.

# Newlec DALI Range

## DALI Power Supply

Essential to power the DALI network of PIR sensors and ballasts connected to the system.

- ✓ For use with Newlec DALI system
- ✓ Powers DALI network of PIR's and luminaires
- ✓ Thermal and overload protection
- ✓ Power input 230V AC and power output of 18V DC 250mA
- ✓ Connects to multi purpose connection box



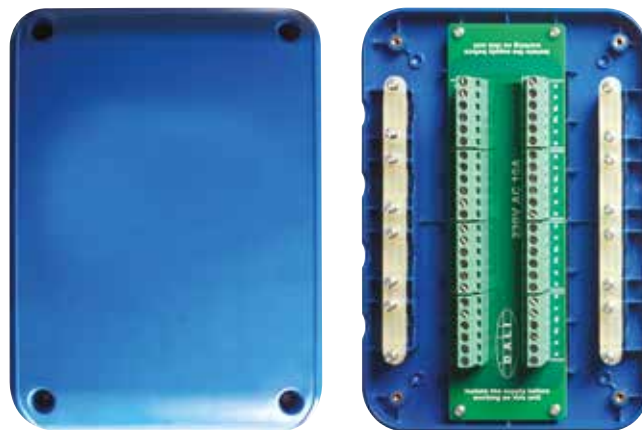
NL5712

Order No.	Model No.	Description
1052090096	NL5712	DALI POWER SUPPLY UNIT

## DALI Connection Box

A multi purpose box that allows the installer to either use it to connect multiple PIR's or allows them to connect up to 10A of lighting loads or use it for both.

- ✓ Maximum 10A rating per box
- ✓ 8 multiple connections per box
- ✓ Connects to Newlec DALI power supply
- ✓ Can control LED and Fluorescent luminaires
- ✓ Installer can use a choice of multicore cables without the need for expensive connectors
- ✓ 6 connection points per entry allow the use of non-DALI and emergency lighting if required



NL5713

Order No.	Model No.	Description
1052090097	NL5713	DALI MULTIPURPOSE CONNECTION BOX

## PIR DALI Occupancy Detector

A ceiling mounted DALI sensor (64mm cut-out & 70mm void depth) that can also be surface or BESA box mounted with the included surface mount box.

- ✓ 360° detection area
- ✓ 6-7m detection area (at 2.4m mounting height)
- ✓ Presence & absence detection with sensitivity control
- ✓ Automatic daylight harvesting
- ✓ Settable time modes including 4 room and 4 corridor options
- ✓ Basic luminaire setup without commissioning tools
- ✓ Broadcast and group functions
- ✓ Manual lux level and sensitivity control
- ✓ Walk test
- ✓ Can control LED and fluorescent DALI luminaires
- ✓ 1 sensor with a power supply unit is capable of controlling up to 64 ballasts with 16 groups (15 groups and 1 broadcast group)
- ✓ Interlinkable with other NL5701DALI sensors
- ✓ Time on range 5-45mins
- ✓ Power input 0.04W
- ✓ IP44 when installed
- ✓ Operating temperature -20° to +50°C



NL5701DALI

Order No.	Model No.	Description
1052090098	NL5701DALI	CEILING MOUNTED DALI OCCUPANCY DETECTOR

## DALI Dual Purpose Remote

A remote that can program basic installation and commissioning functionality. It also has a hidden button that changes the remote from user mode to installer mode.

- ✓ User mode for day to day control
- ✓ Installer mode for configuring the system
- ✓ Override on/off
- ✓ Illumination adjustment
- ✓ Fixed illumination settings
- ✓ 25%, 50% and 100% brightness levels
- ✓ Reset to daylight harvesting
- ✓ Scene selection
- ✓ Powered by 3x AAA batteries (supplied)

Order No.	Model No.	Description
1052090099	NL5711	DALI REMOTE CONTROL



NL5711

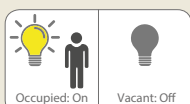
# Lutron Energi TriPak -

## How it can help you?

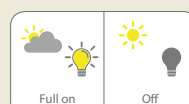
- ✓ **Simple retrofit—installs 70% faster than wired systems**
- ✓ Easy set-up & adjustment—no knobs, dials or neutral wire needed
- ✓ Minimise disruption to people in the space
- ✓ Create new 2 way lighting circuits wirelessly in seconds
- ✓ Wireless sensors and remotes with 10 year battery life
- ✓ Load controllers for switching along with contact closure output for 3rd party control such as HVAC, water solenoids etc.

## How it can help your clients?

- ✓ **PIR presence detectors save money on electricity**
- ✓ Sensors turn the lights off when the space is unoccupied
- ✓ You can achieve the following energy savings with switched solutions



**Occupancy/vacancy sensing**  
Turn lights on when occupants are in a space and off when they vacate a space.  
**20-60% Lighting**



**Daylight harvesting**  
Switches off electric lights when daylight is available to light the space.  
**25-60% Lighting**

- ✓ **Added system functionality**
- ✓ Add additional points of control wirelessly with no new wiring
- ✓ Corridor hold function so you never enter a dark space – ie. so classroom sensors are wirelessly paired to the classroom and corridor load controllers maintaining 'on' status when the classrooms are occupied without any additional wiring
- ✓ Upgrade your wall switch to a simple standalone system
- ✓ Presence and absence modes selectable
- ✓ **Tax efficient purchase**
- ✓ UK Government 'Enhanced Capital Allowance' tax scheme approved (load controllers need to be used in conjunction with PIR sensors)

## Simple button press set-up – no commissioning!!!

1. Press and hold 6 seconds
2. Press and hold 6 seconds
3. Press and hold 6 seconds



**It works!**

Sensor and Pico wireless remote now talk to the switch



# Where can you install Energi TriPak

- ✓ **Perfectly suited to being installed in any situation by either replacing the standard wall switch or installing a relay module in the ceiling.**

Have you ever walked.....

- ✓ **Into a store cupboard** with your hands full and not been able to turn on the wall switch, a PIR sensor can do it for you by detecting you



- ✓ **Into an empty office** and the lights are already on wasting energy, use a PIR sensor to switch the lights off when the space is vacant



- ✓ **Into a classroom** and the sensors turn the lights on in broad daylight, Lutron's PIR sensors can be set so that the lights only switch on at low ambient light levels

## Lutron's patented ClearConnect RF technology

- ✓ Lutron's proven wireless technology that works first time every time
- ✓ Guaranteed 9 metre range through typical building materials

## Lutron's PIR Sensors with XCT - won't leave you in the dark

- ✓ Provides exceptional prevention of false-ons and false-offs

Business Presentations



✓ Major Motion

Movements like extending your arms



✓ Minor Motion

Small movements like flipping pages of a book



✓ Fine Motion

Lights stay off when room is unoccupied



✓ No False-On

Indoor Commercial

Emergency

Outdoor Commercial

Industrial

Residential

Lamps

Lighting Controls

# System Builder – 4 simple steps

## Step 1 – Select your control option

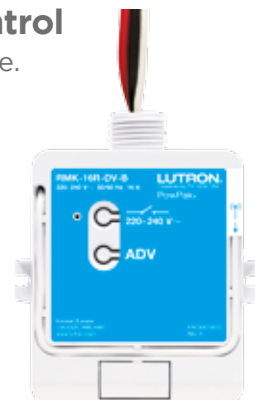
### EITHER

#### 1a. Relay/Switching module (PowPak) + Sensor or Remote control

Designed for applications where local control is required but currently not available.

- ✓ 16A model features patented Softswitch technology ideal for LEDs, eliminating the common challenges of inrush current
- ✓ Can receive inputs from devices up to:
  - 9x wireless remotes
  - 6x wireless occupancy sensors
  - 1x wireless daylight sensor

Order No.	Model No.	Description
2500578684	RMK-5R-DV-B	5A RELAY MODULE
2500578683	RMK-16R-DV-B	16A RELAY MODULE



### OR

#### 1b – Wall switch (Rania RF)

Designed for applications in which a local switch already exists and dimming is not required.

- ✓ Digital on/off two-wire tap switch - no neutral required
- ✓ Controls up to 5A lighting or 4A motor loads
- ✓ Mountable in a 35mm back box, trim ring available for 25mm
- ✓ Can receive inputs from up to 10 devices: PIR, Daylight sensors or remotes

Order No.	Model No.	Description
2500343201	RS-SA05-B-FAW-M	FRAMELESS WALL SWITCH



## Step 2 – Presence / absence detection sensor

The sensors wirelessly connect to the wall switch or relay modules allowing the switching on/off of luminaires when the space is empty or occupied.

- ✓ 1 sensor can be wirelessly paired to multiple relay modules and Rania RF
- ✓ Adjustable motion detection sensitivity settings
- ✓ 10 year battery life
- ✓ Adjustable time on and lux settings

Order No.	Model No.	Description
2500578671	LRF3-OCR2B-P-WH	CEILING MOUNT SENSOR
2500578674	LRF3-OWLB-P-WH	WALL MOUNT OCCUPANCY SENSOR
2500578673	LRF3-OKLB-P-WH	CORNER MOUNT SENSOR
2500578672	LRF3-OHLB-P-WH	HALLWAY OCCUPANCY SENSOR



## Step 3 – Additional points of control (Remote)

Remotes are a simple and effective way of installing additional points of control with a wall switch or relay module wirelessly allowing new 2 way circuits in seconds. Flexibility of placement by sticking to walls, glass partitions or as a table top pedestal.

- ✓ 1 remote can be paired wirelessly to multiple wall switches or relay modules
- ✓ 10 year battery life

Order No.	Model No.	Description
2500923631	PK-2B-TAW-L01	2 BUTTON REMOTE CONTROL
2500923796	LPFP-S1-TAW	REMOTE CONTROL WALL MOUNT PLATE*
2500530991	L-PED1-WH	REMOTE CONTROL PEDESTAL*

\*Pedestal & wall plates supplied without remote



## Step 4 – Daylight detection sensor

The daylight sensor wirelessly connects to the wall switch or relay modules allowing switching in response to daylight.



Order No.	Model No.	Description
2500531066	LRF3-DCRB-WH	CEILING DAYLIGHT SENSOR

## LED Solutions products

The Energi TriPak relay modules and Rania RF wall switches are fully compatible with our LED solutions products, please consult the table below for advice on the number of products that you can use with each:

Rexel LED Solutions product	Max no. of fittings per unit	
	5A Relay Module / Wall Switch	16A Relay Module
600X600MM LED PANEL	31	105
1200X600MM LED PANEL	18	64
600X600MM DIRECT/INDIRECT LED PANEL	38	128
170MM CIRCULAR LED PANEL	102	332
210MM CIRCULAR LED PANEL	79	260
180MM LED DOWNLIGHT COMMERCIAL	74	242
230MM LED DOWNLIGHT COMMERCIAL	37	124
4FT SINGLE LED BATTEN	38	128
4FT TWIN LED BATTEN	18	65
5FT SINGLE LED BATTEN	27	94
5FT TWIN LED BATTEN	14	51
6FT SINGLE LED BATTEN	23	79
6FT TWIN LED BATTEN	12	45
5FT TWIN LED SURFACE LINEAR	20	72
SMALL INDOOR LED BULKHEAD	146	475
LARGE INDOOR LED BULKHEAD	82	270

# Energy Saving Table

Range	Description	Part Number	Life (Hrs)	Lumens (Lm)	Wattage (W)	Old Tech	Wattage (W)	Wattage Difference (W)	KWH	Cost of Electricity (p)	*Cost Saving	Energy Saving
LED PANEL	600X600 3400LM 34W IP20 TPB LED PANEL 840	LPAN34TPB840	50,000	3400	34	4X18W T8	72	38	1000	0.13	E247.00	53%
LED PANEL	1200X600 6370LM 55W IP20 TPB LED PANEL 840	LPAN63TPB840	50,000	6370	55	4X36W T8	144	89	1000	0.13	E578.50	62%
LED PANEL	600X600 3400LM 34W IP44 TPA LED PANEL 840	LPAN34TPA840	50,000	3400	34	4X18W T8	72	38	1000	0.13	E247.00	53%
LED PANEL	1200X600 63700LM 51W IP44 TPA LED PANEL 840	LPAN63TPA840	50,000	6370	55	4X36W T8	144	89	1000	0.13	E578.50	62%
LED PANEL	600X600 3400LM 28W IP20 LED DIRECT/IN-DIRECT PANEL 840	LDPAN34840	50,000	3420	28	4X18W T8	72	44	1000	0.13	E286.00	61%
LED PANEL - CIRCULAR	100MM 530LM 6W IP44 TPA CIRCULAR PANEL 840	LCPAN53840	50,000	530	6	50W GU10	50	44	1000	0.13	E286.00	88%
LED PANEL - CIRCULAR	140MM 770LM 8W IP44 TPA CIRCULAR PANEL 840	LCPAN77840	50,000	770	8	50W GU10	50	42	1000	0.13	E273.00	84%
LED PANEL - CIRCULAR	170MM 1070LM 11W IP44 TPA CIRCULAR PANEL 840	LCPAN107840	50,000	1070	11	18W CFL	18	7	1000	0.13	E45.50	39%
LED PANEL - CIRCULAR	210MM 1320LM 14W IP44 TPA CIRCULAR PANEL 840	LCPAN132840	50,000	1320	14	2X18W CFL	36	22	1000	0.13	E143.00	61%
COMMERCIAL DOWNLIGHT	180MM 1300LM 15W LED COM DOWNLIGHT 840	LCDL13840	50,000	1300	15	18W CFL	18	3	1000	0.13	E19.50	17%
COMMERCIAL DOWNLIGHT	230MM 2500LM 29W LED COM DOWNLIGHT 840	LCDL25840	50,000	2500	29	2X18W CFL	36	7	1000	0.13	E45.50	19%
BATTEN	4FT 3400LM 28W LED BATTEN 840	LBATT34840	50,000	3400	28	36W T8	36	8	1000	0.13	E52.00	22%
BATTEN	4FT 6000LM 54W LED BATTEN 840	LBATT54840	50,000	6000	54	2X36W T8	72	18	1000	0.13	E117.00	25%
BATTEN	5FT 4600LM 38W LED BATTEN 840	LBATT38840	50,000	4600	38	58W T8	58	20	1000	0.13	E130.00	34%
BATTEN	5FT 7500LM 68W LED BATTEN 840	LBATT68840	50,000	7500	68	2X58W T8	116	48	1000	0.13	E312.00	41%
BATTEN	6FT 5400LM 45W LED BATTEN 840	LBATT45840	50,000	5400	45	70W T8	70	25	1000	0.13	E162.50	36%
BATTEN	6FT 8500LM 77W LED BATTEN 840	LBATT77840	50,000	8500	77	2X70W T8	140	63	1000	0.13	E409.50	45%
SURFACE LINEAR	5FT 4640LM 43W LED SURFACE LINEAR 840	LSURF56840	50,000	4640	43	2X58W T8	116	67	1000	0.13	E421.90	60%
INDOOR BULKHEAD	850LM 10W IP44 LED WHI BULKHEAD 840	LBHD7IP44840	50,000	850	10	16W 2D	16	6	1000	0.13	E39.00	38%
INDOOR BULKHEAD	1300LM 13W IP44 LED WHI BULKHEAD 840	LBHD12IP44840	50,000	1300	13	28W 2D	28	15	1000	0.13	E97.50	54%
OUTDOOR BULKHEAD	900LM 10W IP65 LED WHITE BULKHEAD 840	LBHD7IP65840WH	50,000	900	10	16W 2D	16	6	1000	0.13	E39.00	38%
OUTDOOR BULKHEAD	1300LM 13W IP65 LED WHI BULKHEAD 840	LBHD12IP65840WH	50,000	1300	13	28W 2D	28	15	1000	0.13	E97.50	54%
OUTDOOR BULKHEAD	1300LM 13W IP65 LED BLK BULKHEAD 840	LBHD12IP65840BK	50,000	1300	13	28W 2D	28	15	1000	0.13	E97.50	54%
WALLPACK	3280LM 30W IP65 LED WALLPACK 840	LWPCK32840	50,000	3280	30	70W METAL HALIDE	70	40	1000	0.13	E260.00	57%
OUTDOOR FLOOD	900LM 10W IP65 LED BLACK FLOOD 840	LFLD9840	30,000	900	10	N/A	#	-10	1000	0.13	-E39.00	#
OUTDOOR FLOOD	1800LM 20W IP65 LED BLACK FLOOD 840	LFLD18840	30,000	1800	20	N/A	#	-20	1000	0.13	-E78.00	#
OUTDOOR FLOOD	2700LM 30W IP65 LED BLACK FLOOD 840	LFLD27840	30,000	2700	30	120W HALOGEN	120	90	1000	0.13	E351.00	75%
OUTDOOR FLOOD	4500LM 50W IP65 LED BLACK FLOOD 840	LFLD45840	30,000	4500	50	250W HALOGEN	250	200	1000	0.13	E780.00	80%
OUTDOOR FLOOD	9000LM 100W IP65 LED BLACK IND FLOOD 840	LINFLD90840	30,000	9000	100	400W HALOGEN	400	300	1000	0.13	E1170.00	75%
OUTDOOR FLOOD	13500LM 150W IP65 LED BLACK IND FLOOD 840	LINFLD135840	30,000	13500	150	150W METAL HALIDE	150	0	1000	0.13	E0.00	0%
OUTDOOR FLOOD	27000LM 300W IP65 LED BLACK IND FLOOD 840	LINFLD270840	30,000	27000	300	400W METAL HALIDE	400	100	1000	0.13	E390.00	25%
WEATHERPROOF	4FT 2500LM 24W LED WEATHERPROOF IP65 840	LWP25840	50,000	2500	24	36W T8	36	12	1000	0.13	E78.00	33%
WEATHERPROOF	4FT 4900LM 46W LED WEATHERPROOF IP65 840	LWP46840	50,000	4900	46	2X36W T8	72	26	1000	0.13	E169.00	36%
WEATHERPROOF	5FT 3600LM 41W LED WEATHERPROOF IP65 840	LWP36840	50,000	3600	41	58W T8	58	17	1000	0.13	E110.50	29%
WEATHERPROOF	5FT 7100LM 80W LED WEATHERPROOF IP65 840	LWP71840	50,000	7100	80	2X58W T8	116	36	1000	0.13	E234.00	31%
WEATHERPROOF	6FT 4800LM 47W LED WEATHERPROOF IP65 840	LWP48840	50,000	4800	47	70W T8	70	23	1000	0.13	E149.50	33%
WEATHERPROOF	6FT 9500LM 95W LED WEATHERPROOF IP65 840	LWP95840	50,000	9500	95	2X70W T8	140	45	1000	0.13	E292.50	32%
LOWBAY	11895LM 100W LED LOWBAY 840	LLBAY12840	50,000	11895	109	150W METAL HALIDE	150	41	1000	0.13	E325.00	33%
LOWBAY	16220LM 135W LED LOWBAY 840	LLBAY16840	50,000	16220	144	N/A	#	N/A	1000	0.13	-E877.50	#
LOWBAY	21230LM 168W LED LOWBAY 840	LLBAY21840	50,000	21230	179	250W METAL HALIDE	250	71	1000	0.13	E533.00	33%
HIGHBAY	10900LM 90W IP65 LED HIGHBAY 840	LHBAY11840	50,000	10900	90	150W METAL HALIDE	150	60	1000	0.13	E390.00	40%
HIGHBAY	17300LM 150W IP65 LED HIGHBAY 840	LHBAY18840	50,000	17300	150	N/A	#	-150	1000	0.13	-E975.00	#
HIGHBAY	21850LM 195W IP65 LED HIGHBAY 840	LHBAY23840	50,000	21850	195	250W METAL HALIDE	250	55	1000	0.13	E461.50	28%
LED DOWNLIGHT	400LM 4.8W IP65 LED FIRE RATED DL 830	NLFRDL1	50,000	400	4.8	50W GU10	50	45.2	1000	0.13	E293.80	90%
LED DOWNLIGHT	400LM 4.8W IP65 LED FIRE RATED DL 840	NLFRDL2	50,000	400	4.8	50W GU10	50	45.2	1000	0.13	E293.80	90%
LED DOWNLIGHT	550LM 6.7W IP65 LED FIRE RATED DL 830	NLFRDL3	50,000	550	6.7	50W GU10	50	43.3	1000	0.13	E281.45	87%
LED DOWNLIGHT	550LM 6.7W IP65 LED FIRE RATED DL 840	NLFRDL4	50,000	550	6.7	50W GU10	50	43.3	1000	0.13	E281.45	87%
LED DOWNLIGHT	750LM 9W IP65 LED FIRE RATED DL 830	NLFRDL5	50,000	750	9	50W GU10	50	41	1000	0.13	E266.50	82%
LED DOWNLIGHT	750LM 9W IP65 LED FIRE RATED DL 840	NLFRDL6	50,000	750	9	50W GU10	50	41	1000	0.13	E266.50	82%
LED DOWNLIGHT CCT	468LM 10W COLOUR CHANGING LED FRDL 830 840 860	LCCFRDL6	40,000	600	10	50W GU10	50	40	1000	0.13	E208.00	80%
LINK LIGHT	NLLUL5 NEWLEC 4W 334LM 3K WHI UNDERSHELF LINK 500LM	NLLUL5	30,000	334	4	8W T5	8	4	1000	0.13	E15.60	50%
LINK LIGHT	NLLUL6 NEWLEC 7W 637LM 3K WHI UNDERSHELF LINK 860LM	NLLUL6	30,000	637	7	14W T5	14	7	1000	0.13	E27.30	50%
LINK LIGHT	NLLUL7 NEWLEC 14W 1041LM 3K WHI UNDERSHELF LINK 1590LM	NLLUL7	30,000	1041	14	21W T5	21	7	1000	0.13	E27.30	33%
LINK LIGHT	NLLUL8 NEWLEC 18W 1275LM 3K WHI UNDERSHELF LINK 2075LM	NLLUL8	30,000	1275	18	28W T5	28	10	1000	0.13	E39.00	36%
LINK LIGHT	NLLUL9 NEWLEC 4W 520LM 4K WHI UNDERSHELF LINK 344MM	NLLUL9	30,000	520	4	8W T5	8	4	1000	0.13	E15.60	50%

\*Based on product life multiplied by the wattage differential, multiplied by the average cost of electricity at 0.13p

Range	Description	Part Number	Life (Hrs)	Lumens (Lm)	Wattage (W)	Old Tech	Wattage (W)	Wattage Difference (W)	KWH	Cost of Electricity (p)	*Cost Saving	Energy Saving
LINK LIGHT	NLLUL10 NEWLEC 7W 820LM 4K WHI UNDERSHELF LINK 571MM	NLLUL10	30,000	820	7	14W T5	14	7	1000	0.13	E27.30	50%
LINK LIGHT	NLLUL11 NEWLEC 14W 1620LM 4K WHI UNDERSHELF LINK 905MM	NLLUL11	30,000	1620	14	21W T5	21	7	1000	0.13	E27.30	33%
LINK LIGHT	NLLUL12 NEWLEC 18W 2100LM 4K WHI UNDERSHELF LINK 1205MM	NLLUL12	30,000	2100	18	28W T5	28	10	1000	0.13	E39.00	36%
CABINET LIGHT	150LM 1.5W LED CIRCULAR MAINS CABINET SATIN CHROME 830	LCABCIRC830	25,000	110	1.5	20W HALOGEN	20	18.5	1000	0.13	E60.13	93%
CABINET LIGHT	150LM 1.5W LED CIRCULAR MAINS CABINET SATIN CHROME 840	LCABCIRC840	25,000	150	1.5	20W HALOGEN	20	18.5	1000	0.13	E60.13	93%
CABINET LIGHT	150LM 1.5W LED TRIANGULAR MAINS CABINET SATIN CHROME 830	LCABTRI830	25,000	110	1.5	20W HALOGEN	20	18.5	1000	0.13	E60.13	93%
CABINET LIGHT	150LM 1.5W LED TRIANGULAR MAINS CABINET SATIN CHROME 840	LCABTRI840	25,000	150	1.5	20W HALOGEN	20	18.5	1000	0.13	E60.13	93%
RESI DECORATIVE	1250LM 15W IP54 RESI DECORATIVE BULKHEAD WHITE CHROME 840	LDECBHEAD840	25,000	1250	15	28W 2D	28	13	1000	0.13	E42.25	46%
SHAVER LIGHT	560LM 8W LED SHAVER LIGHT WHITE WITH SOCKET 840	LSHVWH840	30,000	560	8	60W STRIP	60	52	1000	0.13	E202.80	87%
SHAVER LIGHT	560LM 8W LED SHAVER LIGHT CHROME WITH SOCKET 840	LSHVCH840	30,000	560	8	60W STRIP	60	52	1000	0.13	E202.80	87%
GLOBE LIGHT	535LM 8W LED POLYCARBONATE GLOBE LIGHT 840	LGLOBE840	30,000	535	8	60W GLS	60	52	1000	0.13	E202.80	87%
LANTERNS	NLLHWLB NEWLEC 10W 440LM 4K BLK POLY HALF WALL LANTERN	NLLHWLB	30,000	400	10	60W HALOGEN	60	50	1000	0.13	E195.00	83%
LANTERNS	NLLHWLBPIR NEWLEC 10W 440LM 4K BLK POLY HALF WALL LANTRN PIR	NLLHWLBPIR	30,000	400	10	60W HALOGEN	60	50	1000	0.13	E195.00	83%
LANTERNS	NLLCLB NEWLEC 7W 370LM 4K BLK POLY COACH LANTERN	NLLCLB	30,000	370	7	60W HALOGEN	60	53	1000	0.13	E206.70	88%
LANTERNS	NLLCLBPIR NEWLEC 7W 370LM 4K BLK POLY COACH LANTERN PIR	NLLCLBPIR	30,000	370	7	60W HALOGEN	60	53	1000	0.13	E206.70	88%
OUTDOOR	800LM 12W IP65 LED ELLIPTICAL WALL LIGHT 840	LELWALL840	30,000	800	12	60W HALOGEN	60	48	1000	0.13	E187.20	80%
OUTDOOR	550LM 8W IP54 LED WALL LIGHT WITH DUSK SENSOR 840	LWALL840DUSK	30,000	550	8	60W HALOGEN	60	52	1000	0.13	E202.80	87%
OUTDOOR	500LM 6W IP54 LED WALL LIGHT 840	LWALL840	30,000	500	6	60W HALOGEN	60	54	1000	0.13	E210.60	90%
OUTDOOR	500LM 7W IP65 LED LINEAR UP DOWN LIGHT 840	LLINUPDN840	30,000	500	7	60W HALOGEN	60	53	1000	0.13	E206.70	88%
OUTDOOR	810LM 9W IP65 LED ELLIPTICAL UP DOWN LIGHT 840	LELUPDN840	30,000	810	9	60W HALOGEN	60	51	1000	0.13	E198.90	85%
OUTDOOR	450LM 6W IP54 LED OVOID UP DOWN LIGHT 840	LOVUPDN840	30,000	450	6	60W HALOGEN	60	54	1000	0.13	E210.60	90%
GUI0	230LM 2.6W LED GUI0 2700K	NLGUI02327	18,000	230	2.6	35W GUI0	35	32.4	1000	0.13	E75.82	93%
GUI0	230LM 2.6W LED GUI0 4000K	NLGUI02340	18,000	230	2.6	35W GUI0	35	32.4	1000	0.13	E75.82	93%
GUI0	350LM 4.3W LED GUI0 2700K	NLGUI03527	18,000	350	4.3	50W GUI0	50	45.7	1000	0.13	E106.94	91%
GUI0	350LM 4.3W LED GUI0 4000K	NLGUI03540	18,000	350	4.3	50W GUI0	50	45.7	1000	0.13	E106.94	91%
GUI0	350LM 4.6W LED GUI0 2700K DIM	NLGUI03527D	18,000	350	4.6	50W GUI0	50	45.4	1000	0.13	E106.24	91%
GUI0	350LM 4.6W LED GUI0 4000K DIM	NLGUI03540D	18,000	350	4.6	50W GUI0	50	45.4	1000	0.13	E106.24	91%
MR16	230LM 2.9W LED MR16 2700K	NLMR162327	18,000	230	2.9	35W MR16	35	32.1	1000	0.13	E75.11	92%
MR16	230LM 2.9W LED MR16 4000K	NLMR162340	18,000	230	2.9	35W MR16	35	32.1	1000	0.13	E75.11	92%
MR16	230LM 3W LED MR16 2700K DIM	NLMR162327D	18,000	230	3	35W MR16	35	32	1000	0.13	E74.88	91%
MR16	230LM 3W LED MR16 4000K DIM	NLMR162340D	18,000	230	3	35W MR16	35	32	1000	0.13	E74.88	91%
GLS	470LM 4W LED GLS 2700K B22	NLGLS4727B22	18,000	470	4	40W HALOGEN	40	36	1000	0.13	E84.24	90%
GLS	470LM 4W LED GLS 2700K E27	NLGLS4727E27	18,000	470	4	40W HALOGEN	40	36	1000	0.13	E84.24	90%
GLS	806LM 7W LED GLS 2700K B22	NLGLS8027B22	18,000	806	7	60W HALOGEN	60	53	1000	0.13	E124.02	88%
GLS	806LM 7W LED GLS 2700K E27	NLGLS8027E27	18,000	806	7	60W HALOGEN	60	53	1000	0.13	E124.02	88%
GLS	806LM 7W LED GLS 2700K B22 DIM	NLGLS8027B22D	18,000	806	7	60W HALOGEN	60	53	1000	0.13	E124.02	88%
GLS	806LM 6.5W LED GLS 2700K E27 DIM	NLGLS8027E27D	18,000	806	6.5	60W HALOGEN	60	53.5	1000	0.13	E125.19	89%
CANDLE	470LM 4W LED CANDLE 2700K E14	NLC4727E14	18,000	470	4	40W HALOGEN	40	36	1000	0.13	E84.24	90%
CANDLE	470LM 4W LED CANDLE 2700K B22	NLC4727B22	18,000	470	4	40W HALOGEN	40	36	1000	0.13	E84.24	90%
CANDLE	470LM 4.5W LED CANDLE 2700K E14 DIM	NLC4727E14D	18,000	470	4.5	40W HALOGEN	40	35.5	1000	0.13	E83.07	89%
CANDLE	470LM 4.5W LED CANDLE 2700K B22 DIM	NLC4727B22D	18,000	470	4.5	40W HALOGEN	40	35.5	1000	0.13	E83.07	89%
G4	200LM 1.7W LED G4 2700K	NLG42027	18,000	200	1.7	20W CAPSULE	20	18.3	1000	0.13	E42.82	92%
G9	200LM 1.9W LED G9 2700K	NLG92027	18,000	200	1.9	20W CAPSULE	20	18.1	1000	0.13	E42.35	91%
T8 TUBES	800LM 7.6W 2FT LED T8 TUBE 4000K	NLT88040	30,000	800	7.6	18W T8	18	10.4	1000	0.13	E40.56	58%
T8 TUBES	1700LM 16.2W 4FT LED T8 TUBE 4000K	NLT81740	30,000	1700	16.2	36W T8	36	19.8	1000	0.13	E77.22	55%
T8 TUBES	2000LM 19.1W 5FT LED T8 TUBE 4000K	NLT82040	30,000	2000	19	58W T8	58	39	1000	0.13	E152.10	67%
T8 TUBES	2600LM 24W 6FT LED T8 TUBE 4000K	NLT82640	30,000	2600	24	70W T8	70	46	1000	0.13	E179.40	66%
T8 TUBES	800LM 7.6W 2FT LED T8 TUBE 6500K	NLT88065	30,000	800	8	18W T8	18	10	1000	0.13	E39.00	56%
T8 TUBES	1700LM 16.2W 4FT LED T8 TUBE 6500K	NLT81765	30,000	1700	16	36W T8	36	20	1000	0.13	E78.00	56%
T8 TUBES	2000LM 19.1W 5FT LED T8 TUBE 6500K	NLT82065	30,000	2000	19.1	58W T8	58	38.9	1000	0.13	E151.71	67%
T8 TUBES	2600LM 24W 6FT LED T8 TUBE 6500K	NLT82665	30,000	2600	24	70W T8	70	46	1000	0.13	E179.40	66%

\*Based on product life multiplied by the wattage differential, multiplied by the average cost of electricity at 0.13p





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