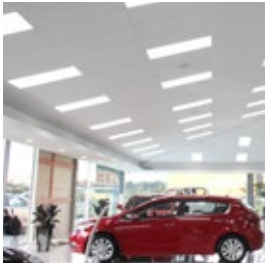
ECOLIGHT

ENERGY
EFFICIENT
SOLUTIONS

QUICK GUIDE



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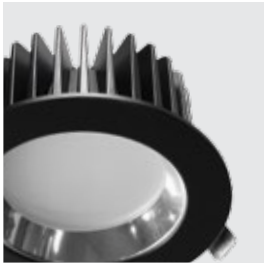
100% NEW ZEALAND OWNED

TOTAL LIGHTING SOLUTIONS

We established ECOLight over seven years ago with one great objective in mind: to introduce businesses across New Zealand, and the South Pacific, to the massive benefits the use of commercial and industrial LED lighting bring. Over our seven-year history, ECOLight has worked with a broad range of industries, businesses and communities developing and installing high-output LED systems. We've been pioneers in LED use for street lighting, security applications and car parks, as well as factories, warehouses, cool stores, large retail premises, offices and private residences.

Although we have structured plans and processes to draw upon when developing and installing systems, we lead with a custom approach, recognising that each business has unique lighting requirements and environmental factors. We can take you through a comprehensive energy audit and an operational and financial plan. Some clients find that a trial of key lights in a specific area is useful, as this quickly demonstrates the huge benefits of LEDs onsite, or we can arrange visits for you to existing clients to show the results that have been achieved. We are happy to provide case studies.

The ECOLight team works with a number of consultancies that look at the whole picture, not just the lighting, to create a total energy plan for your business.



WHY LED?

A key advantage of LEDs is their compatibility with smart, simple controls. Two characteristics of LEDs make this possible: they dim easily and provide instant lighting – meaning they don't need to warm up to reach their full brightness. Because LEDs are so readily adjustable, they can effectively provide light only when you need it. This makes them ideal for implementing 'daylight harvesting', a strategy that uses natural light wherever possible. Only when necessary are lights used, resulting in energy savings of up to 80 per cent.

THE BIG 3 BENEFITS OF LED

1 HUGE SAVINGS

LEDs are programmable, so you save money by having the lights on only when you need them and at the level you need. They are energy saving, long-lasting, cooler-running, and extremely robust.

2 BETTER ILLUMINATION & CLARITY

The safer, cleaner, instantaneous light LEDs provide is excellent for product identification, increased health and safety, improved security, and CCTV camera clarity.

3 ENVIRONMENTALLY FRIENDLY

There are no hazardous materials, including mercury or lead, in the manufacture of our lights, and they are also recyclable. LEDs at full market penetration could eliminate lighting as a major source of CO_2.

SMART SAVING

MOTION SENSOR DIMMING

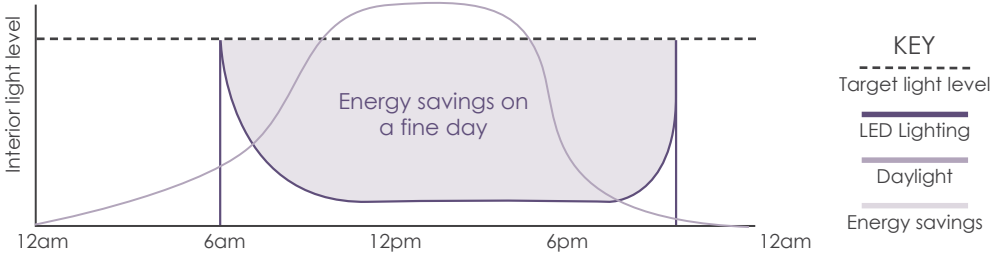
In less frequently used areas LEDs can be dimmed to a lower level. Lights can also be adjusted to remain on for as long as required in specific work areas, or programmed to 'go off' immediately after a section is vacated.

Movement sensors can be installed and adjusted according to the level or frequency of movement. Where there is no natural daylight, lights can be completely controlled by movement.

DAYLIGHT HARVESTING

When sufficient daylight is present the light fitting automatically dims. Skylights are able to provide in excess of 1000 lux most days but not when cloud cover is present, a challenge that LEDs meet according to the changing conditions. At night, when skylights play no part, a reasonable level of light is necessary from the LED system so that work tasks can be performed safely and accurately.

DAYLIGHT HARVESTING SAVINGS



80%
power savings possible by changing to LED lights

10+ years
standard lifespan of ECOLight LED lights

0W
power expenditure when smart controls automatically turn lights off

COST SAVINGS

Swapping your old inefficient lights for ECOLights can result in significant savings over the life of the fittings.

OLD 500W HALOGEN

LEDFL11-40AC

Save **$433** per light per year*

TRADITIONAL 400W HIGH BAY

LEDIL 180W RANGE

Save **$289** per light per year*

OLD 400W METAL HALIDE

LEDFL18-140AC

Save **$251** per light per year*

*Cost savings vary depending on the type of lights and installation and these figures are an example only.

To request a consultation and find out what you could save by switching to ECOLight LED lights with integrated control options please contact us by phone, email, or by visiting our website.

Ph +64 9 272 5619

info@ecolight.co.nz

www.ecolight.co.nz

recyclable materials used in production

1000 lux of free daylight not utilised at optimum times by traditional lighting systems

65% additional power savings when dimming functions installed

ECO LIGHT

ECOLight has been responsible for LED lighting installations of all sizes and shapes all over New Zealand. From new installations to efficient replacements, our focus has always been to match the right light with the right location.

- Commercial properties
- Industrial sites
- Retail frontages
- Storage facilities
- Manufacturing plants
- Residential developments
- Recreational spaces

CLIENTS INCLUDE

NZ STEEL
LION BREWERIES
AUCKLAND CITY COUNCIL
BURGER KING RESTAURANTS
AUCKLAND INTERNATIONAL AIRPORT
RESENE PAINTS MANUFACTURING PLANT
ANDREW SIMMS CAR DEALERSHIP
NORTH SHORE HOSPITAL
PORTS OF LYTTELTON
ECOLIGHT STADIUM
ARMY MUSEUM
COUNTDOWN
SYLVIA PARK
MITRE 10
NZ SUGAR
NEW WORLD
FONTERRA
TIP TOP

Burger King

60%

Power & maintenance savings on downlights

New World Te Rapa

$54,000

Yearly savings on power and maintenance

Mitre 10 Papamoa

$38,000

Yearly savings on power and maintenance

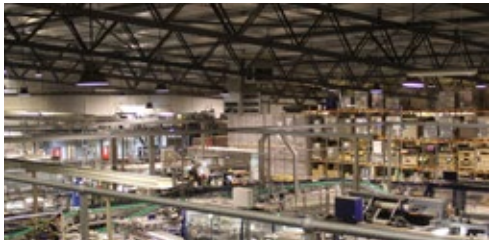
Sylvia Park

64%

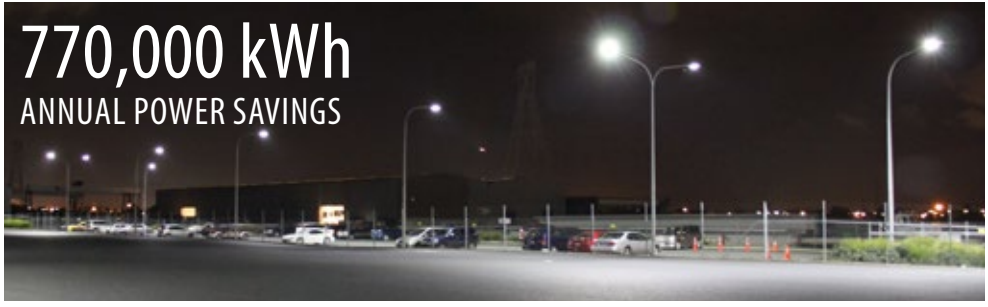
Power savings

PROJECT PORTFOLIO

ECO LIGHT



$165,000
ANNUAL MAINTENANCE &
ENERGY SAVINGS



770,000 kWh
ANNUAL POWER SAVINGS

STREETLIGHTS • HIGH BAYS • FLOODLIGHTS

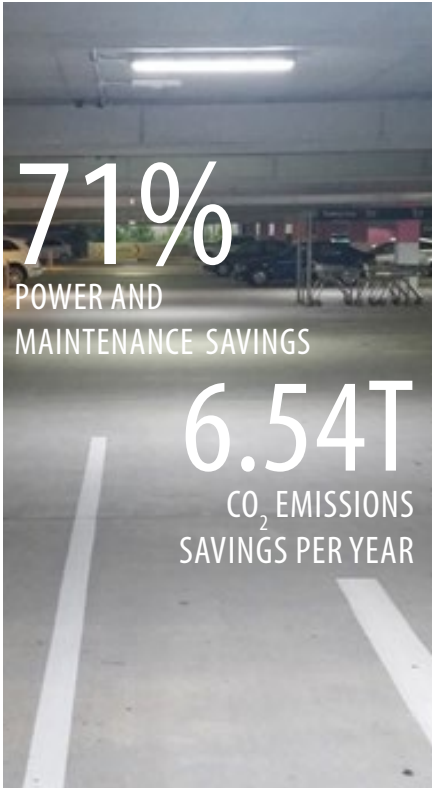
LION - THE PRIDE

2013-14

CEILING PANELS • DOWNLIGHTS • FLOODLIGHTS

ANDREW SIMMS MOTORS

2013



DOWNLIGHTS • CANOPY LIGHTS • CEILING PANELS • BATTEN LIGHTS

BURGER KING • CHALLENGE CAMBRIDGE • NORTH SHORE HOSPITAL • KIWI PROPERTIES - MALL CARPARK

SELECTION GUIDE

KEY FEATURES

- Industrial
- Commercial
- Domestic
- Suitable for outdoor use
- Food grade available
- Solar powered
- Explosion-proof
- Battery powered
- Marine coating available
- Sensor options

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DOMESTIC LAMPS

LEDLA-ES/BC LED LAMPS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	End Cap	Beam Angle	Dimmable
LEDLA-6ESWW	6	470	Warm White	220~240V AC 50/60Hz	Edison Screw	220°	No
LEDLA-6BCWW	6		Warm White		Bayonet Cap		
LEDLA-9ESCWDIM	9	806	Cool White		Edison Screw		Yes
LEDLA-9ESWWDIM	9		Warm White		Edison Screw		
LEDLA-9BCCWDIM	9		Cool White		Bayonet Cap		
LEDLA-9BCWWDIM	9		Warm White		Bayonet Cap		
LEDLA-9ESCWDIM300	9		Cool White		Edison Screw	300°	
LEDLA-9ESWWDIM300	9		Warm White		Edison Screw		
LEDLA-9BCCWDIM300	9		Cool White		Bayonet Cap		
LEDLA-9BCWWDIM300	9		Warm White		Bayonet Cap		

SUITABLE FOR: Display cabinets, art galleries, hotels, offices and retail, homes, restaurants

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LEDLA-GU10/MR16 LED LAMPS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle	Dimmable
LEDLA-GU10CWDIM	6	500	Cool White	180~240V AC	38°	Yes
LEDLA-GU10WWDIM	6		Warm White			
LEDLA-MR16CW	6	430	Cool White	9~12V AC/DC		No
LEDLA-MR16WW	6		Warm White			

SUITABLE FOR: Display cabinets, art galleries, hotels, offices and retail, homes, restaurants

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FLOODLIGHTS

10W LED FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Supply Voltage	Current*	Weight (kg)	Dimensions (mm)
LEDFL09-10DC	10	900	5000K	9-30V DC	0.83A	0.8	114.5 x 86 x 105
LEDFL09-10AC	10			85~265V AC	0.04A		
LEDFL09-10PC**	10				0.04A		

SUITABLE FOR: Garages and workshops, path/walkway lighting, tradesman vehicle auxillary lighting

*AC Current rating at 230V AC; DC Current at 12V DC
**Polycarbonate lens

30 & 50W LED FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Supply Voltage	Current	Sensor	Weight (kg)	Dimensions (mm)
LEDFL10-30AC	30	2663	5700K	85 ~ 265V AC	0.13A*	No	2	225x185x145
LEDFL10-30PIR	30					Yes		
LEDFL12-50	50	4700	5000K[1]		0.21A*	No	3	290x236x153

SUITABLE FOR: Garages and workshops, security lights, path/walkway lighting

[1] Other output colour temperatures available
*AC Current rating at 230V AC

25 & 40W LED INDUSTRIAL FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Current	Weight (kg)	Dimensions (mm)
LEDFL11-25AC	25	2250	5700K	85 ~ 265V AC	0.12A*	3.3	262 x 185 x 163
LEDFL11-40AC	40	3600	5700K		0.18A*		
LEDFL11-40ACBK**	40		5700K		0.18A*		
LEDFL11-40ACWW	40		3000K		0.18A*		
LEDFL11-40ACNSC***	40		5700K		0.18A*		

SUITABLE FOR: Security and yard lighting, trucking, farms, low stud roofs, all commercial and industrial applications

(1)DC available on special request
*AC Current rating at 230V AC
**Black housing
***Marine coating

70W LED INDUSTRIAL FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Current	Dimmable	Weight (kg)	Dimensions (mm)
LEDFL17-70AC	70	7200	5700K	85~265V AC	0.32A*	No	7.39	368 x 285 x 93
LEDFL17-70ACWW	70		3000K			No		
LEDFL17-70PC**	70		5700K			No		
LEDFL17-70DIM	70		5700K			Yes		

SUITABLE FOR: Security and yard lighting, trucking, farms, low stud roofs, all commercial and industrial applications

(1)DC available on special request
*AC Current rating at 230V AC
**Polycarbonate lens

FLOODLIGHTS

140W LED INDUSTRIAL FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Supply Voltage	Current*	Weight (kg)	Dimensions (mm)
LEDFL18-140AC	140	11,700	5700K	85~ 265V AC	0.68A*	10.6	568 x 285 x 93
LEDFL18-140ACWW	140		2700K				
LEDFL18-140PC**	140		5700K				

SUITABLE FOR: Security and yard lighting, trucking, farms, low stud roofs, all commercial and industrial applications

[1]DC available on special request
*AC Current rating at 230V AC
**Polycarbonate lens

400W LED INDUSTRIAL FLOODLIGHT

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Weight (kg)	Dimensions (mm)
LEDFL37-400AC	400	36,000	6000K	80-315V AC	13	680 x 380 x 190

SUITABLE FOR: Sports fields, carparks, large industrial portable lighting stands, & all outdoor locations where a lot of light is required over a large area

ROBUST LED INDUSTRIAL FLOODLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Beam Angle	Dimmable	Weight (kg)	Dimensions (mm)
LEDIFL19-15AC	15	1200	5700K	76.5°	No	0.71	150D x 100H
LEDIFL19-55AC	55	5000		90°	Yes	3.75	256D x 176H
LEDIFL19-100AC	100	8500		70.2°	Yes	6.00	320D x 216H
LEDIFL19N-160AC	160	12,800		15.1°	Yes	12.40	460D x 278H
LEDIFL19W-160AC	160	12,800		80.1°	Yes	12.40	460D x 278H

SUITABLE FOR: Spotlights, floodlighting, industrial sites, rugged industrial & commercial applications

(1)Marine coating & polycarbonate lens available on request

LEDIL 200W HIGH BAYS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle**	Weight (kg)	Dimensions
LEDIL27-200AC*	200	17,500	5700K	85~265V AC	100°	17	529D x 319mm
LEDIL29-200AC*	200				40°		

SUITABLE FOR: High roof industrial plants, tower lighting

(1)PC lens available
*Warm white available on special request
**65° beam angle available on special request

HIGH BAYS

LEDIL 100W HIGH BAYS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle	Weight (kg)	Dimensions (mm)
LEDIL22-100AC	100	9000	5700K*	85~265V AC	88°	6.82	650 H
LEDIL23-100AC	100				120°	5.92	560 H
LEDIL24-100AC	100				97°	7.89	710 H
LEDIL25-100AC	100				50°	5.87	700 H

SUITABLE FOR: Low roof industrial plants, tower lighting

*2700K available on special order

LEDIL23 180W HIGH BAYS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Sensor	Weight (kg)	Dimensions (mm)
LEDIL23-180SEN	180	16,000	6000K	100-240V AC	Light	12.00	561D x 361
LEDIL23-180MS	180				Motion		
LEDIL23-180WW	180		3000K		No		

SUITABLE FOR: Warehouses, manufacturing facilities, large commercial buildings, stockrooms

LEDIL24 180W HIGH BAY

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Sensor	Weight (kg)	Dimensions (mm)
LEDIL24-180SEN	180	15,000	4500K	100-240V AC	Light	12.35	495D x 626

SUITABLE FOR: Warehouses, manufacturing facilities, large commercial buildings, stockrooms

(1)Cree chip option available

LEDIL 200W HIGH BAYS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle**	Weight (kg)	Dimensions
LEDIL27-200AC*	200	17,500	5700K	85~265V AC	100°	17	529D x 319mm
LEDIL29-200AC*	200				40°		

SUITABLE FOR: High roof industrial plants, tower lighting

(1)PC lens available
*Warm white available on special request
**65° beam angle available on special request

BATTEN LIGHTS

4' LED BATTEN LIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Supply Voltage	Current	Weight (kg)	Dimensions (mm)
LED4FT-45ACCW	45	3160	6000K	100 ~ 240V AC	0.20A*	5.00	1180 x 145 x 65
LED4FT-45ACWW	45	2950	4500K				
LED4FT-70ACCW	70	4600	6000K				
LED4FT-70ACWW	70	4320	4500K				

SUITABLE FOR: Parking buildings, fuel stations, warehousing, office buildings, schools, retail

*AC Current rating at 230V AC

LEDUV INDUSTRIAL BATTEN LIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Backup Battery	Weight (kg)	Dimensions (mm)
LEDUV600-31CW	31	2300	5700K	No	2.79	690 x 141 x 73
LEDUV600-31CWBATT	31			Yes		
LEDUV1200-62CW	62	4600		No	5.24	1253 x 141 x 73
LEDUV-1200-62CWBATT	62			Yes		

SUITABLE FOR: Parking buildings, warehousing, office buildings, schools, retail

5' INDUSTRIAL LED BATTEN LIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Backup Battery	Sensor	Weight (kg)	Dimensions (mm)
LED5FT-60AC	60	5400	6500K	No	No	4	1570 x 135 x 95
LED5FT-60ACBATT	60			Yes	No		
LEDUV1500-67AC	67	5500	5700K	No	No	3.4	1578 x 116 x 84
LEDUV1500-68SEN	68			No	Yes		
LEDUV1500-68BATT	68			Yes	Yes		

SUITABLE FOR: Parking buildings, warehousing, office buildings, schools, retail

LED DIMMABLE INDUSTRIAL BATTEN LIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Supply Voltage	IP Rating	Dimmable	Weight (kg)	Dimensions (mm)
LEDIBL-100ACNW	100	13,000	4000K	120 - 277V AC	IP65	0-10V DC	6	1600 x 138 x 95
LEDIBL-100ACPW	100		5000K					

SUITABLE FOR: Gymnasiums, halls, supermarkets, parking, schools, factories

[1]50W option available on special request

HAZARDOUS AREA LIGHTS

RAYTEC SPARTAN FLOODLIGHTS

Model No.*	Power (W)	Lumens (lm)	Colour Temperature	Circular Beam Angles	Elliptical Beam Angles	IP Rating	Weight (kg)	Dimensions (mm)
SPX-FL12-W-XX	34	2500	6000K	10°x10°, 30°x30°, 50°x50°, 120°x120°	35°x10°, 60°x25°, 80°x30°, 120°x50°	IP66 & IP67	5	192x206x170
SPX-FL24-W-XX	68	5000					10	291x247x215
SPX-FL48-W-XX	136	10,000					16	291x438x151

*-XX=Beam Pattern
[1]Elliptical Beam Angle models have slightly lower lumens than Circular Beam Angle models
[2]Emergency version available in FL24 & FL48 only, add -EM as suffix

RAYTEC SPARTAN BATTEN LIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	IP Rating	Weight (kg)	Dimensions (mm)
SPX-WL84	34	2500	6000K	IP66 & IP67	6	772 x 108 x 174
SPX-WL168	68	5000			9	1292 x 108 x 174

[1]Emergency version available, add -EM as suffix

View the entire Raytec range on our website

RAYTEC SPARTAN BULKHEADS

Model No.*	Power (W)	Lumens (lm)	Circular Beam Angles	Elliptical Beam Angles	Colour Temperature	IP Rating	Weight (kg)	Dimensions (mm)
SPX-BL24-W-XX	34	2500	10°x10°, 30°x30°, 50°x50°	35°x10°, 60°x25°, 80°x30°	6000K	IP66 & IP67	5	288 x 220 x 122

*-XX=Beam Pattern
(1)Elliptical Beam Angle models have slightly lower lumens than Circular Beam Angle models
(2)Emergency version available, add -EM as suffix

GLANDS FOR RAYTEC RANGE

Model No.	Type
TN-054100	CCG A2F Compression Gland for flexible cables
TN-054300	CCG A2F Corrosion Guard compression gland for unarmoured cable

*Glands sold separately

View the entire Raytec range on our website

DOWNLIGHTS

IC ABUTTED & COVERED

LED DIMMABLE 90MM CUTOUT DOWNLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Faceplate	IP Rating	Dimensions (mm)
LEDDL90-8WW-WHITE	8	624	3000K	White	IP44	100mm faceplate, 90mm cutout
LEDDL90-8NW-WHITE	8	664	4000K			
LEDDL90-8WW-BLACK	8	624	3000K	Black		
LEDDL90-8NW-BLACK	8	664	4000K			
LEDDL90-8WW-SILVER	8	624	3000K	Silver		
LEDDL90-8NW-SILVER	8	664	4000K			
LEDDL90-15WW-WHITE	15	1170	3000K	White		
LEDDL90-15NW-WHITE	15	1241	4000K			
LEDDL90-15WW-BLACK	15	1170	3000K	Black		
LEDDL90-15NW-BLACK	15	1241	4000K			
LEDDL90-15WW-SILVER	15	1170	3000K	Silver		
LEDDL90-15NW-SILVER	15	1241	4000K			

SUITABLE FOR: Residential & retail spaces, offices, commercial buildings

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LED DIMMABLE 125MM CUTOUT DOWNLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Faceplate	IP Rating	Dimensions (mm)
LEDDL125-16WW-WHITE	16	1360	3000K	White	IP44	145mm faceplate, 125mm cutout
LEDDL125-16NW-WHITE	16		4000K			
LEDDL125-16PW-WHITE	16		5000K			
LEDDL125-16WW-BLACK	16		3000K	Black		
LEDDL125-16NW-BLACK	16		4000K			
LEDDL125-16PW-BLACK	16		5000K			
LEDDL125-16WW-SILVER	16		3000K	Silver		
LEDDL125-16NW-SILVER	16		4000K			
LEDDL125-16PW-SILVER	16		5000K			
LEDDL125-25WW-WHITE	25	2125	3000K	White		
LEDDL125-25NW-WHITE	25		4000K			
LEDDL125-25PW-WHITE	25		5000K			
LEDDL125-25WW-BLACK	25		3000K	Black		
LEDDL125-25NW-BLACK	25		4000K			
LEDDL125-25PW-BLACK	25		5000K			
LEDDL125-25WW-SILVER	25		3000K	Silver		
LEDDL125-25NW-SILVER	25		4000K			
LEDDL125-25PW-SILVER	25		5000K			

SUITABLE FOR: Residential & retail spaces, offices, commercial buildings

DOWNLIGHTS

LED DIMMABLE 210MM CUTOUT DOWNLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	IP Rating	Dimensions (mm)
LEDDL210-32ACNW	32	2720	4000	200~240V AC 50/60Hz	IP44	230mm faceplate, 210mm cutout
LEDDL210-32ACPW	32		5000			

SUITABLE FOR: Residential & retail spaces, offices, commercial buildings

[1]Black and silver faceplates available on special request

LED DIMMABLE 70W DOWNLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle	Dimensions (mm)
LEDDL175-70ACNW	70	5132	4000	200~240V AC 50/60Hz	50°	190mm faceplate, 175mm cutout
LEDDL175-70ACPW	70		5000			
LEDDL175-70ACCW	70		6000			
LEDDL210-70ACNW	70		4000			230mm faceplate, 210mm cutout
LEDDL210-70ACPW	70		5000			
LEDDL210-70ACCW	70		6000			

SUITABLE FOR: Residential & retail spaces, offices, commercial buildings

LED RECESS 40W DOWNLIGHTS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Beam Angle	Weight (kg)	Dimensions (mm)
LEDDL210-40AC	40	3200	5700	153°	2.34	240 x 155 x 208
LEDDL210-40ACNW	40	3100	5000			

SUITABLE FOR: Supplementary lighting for show centres, malls, stores, hospitals and banks

CEILING PANELS

NEW GENERATION LED RECESS CEILING PANELS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	IP Rating	Weight (kg)	Dimensions (mm)
LEDPNLP-3X12-42-NW	42	4512	4000K	IP54	4.2	1195 x 295
LEDPNLP-3X12-42-PW	42	4624	5000K			
LEDPNLP-3X12-42-CW	42	4765	6000K			
LEDPNLP-6X6-42-NW	42	4510	4000K		3.9	595 x 595
LEDPNLP-6X6-42-PW	42	4654	5000K			
LEDPNLP-6X6-42-CW	42	4765	6000K			
LEDPNLP-6X12-70-NW	70	7531	4000K		8.0	1195x 595
LEDPNLP-6X12-70-PW	70	7710	5000K			
LEDPNLP-6X12-70-CW	70	7935	6000K			

SUITABLE FOR: Offices and retail, educational and medical environments, transport hubs, technical production areas

CEILING PANEL ACCESSORIES

Model No.	Type
LEDPNL-6X6-FRAME	630x630x50mm Surface mount frame for wall or ceiling surface mounting
LEDPNL-3X12-FRAME	330x1230x50mm Surface mount frame for wall or ceiling surface mounting
LEDPNL-6X12-FRAME	630x1230x50mm Surface mount frame for wall or ceiling surface mounting
LEDPNL-DIMMER	Wall knob dimming kit, can control up to 15 panels
LEDPNL-SECU-W	Recessed mount protection wire (4 wire set), 600mm
LEDPNL-SUSP-W	Ceiling mount suspension wire (4 wire set), 800mm
LEDPNL-RF-DIMM	Wall knob dimmer with remote

UTILITY LIGHTS

LED INDUSTRIAL CANOPY LIGHT

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Weight (kg)	Dimensions (mm)
LEDCL15-150ACCW	150	12,000	6000K*	90-295V AC	10.5	343 X 343 X 145

SUITABLE FOR: Petrol stations, sports stadiums, car washes, truck interchanges, food production & under canopy areas

*3000K & 4500K available on special order

LED COMMERCIAL BULKHEADS

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Sensor	Weight (kg)	Dimensions (mm)
LEDBKHD-14AC	14	950	6000K	No	1.32	340D x 112
LEDBKHD-15SEN	15			Yes	1.38	
LEDBKHD-22AC	22	1400		No	1.42	
LEDBKHD-23SEN	23			Yes	1.48	

SUITABLE FOR: Passageways, bathrooms, halls, stairwells, locker rooms, external walkways

LED WALL LIGHT

Model No.	Power (W)	Lumens (lm)	Colour Temperature	Input Voltage	Beam Angle	Dimensions (mm)
LEDWP-30AC*	30	3000	6000K	100~240V AC	90°	308 x 288 x 182
LEDWP-30ACC		2760				

SUITABLE FOR: Airports, car parking, railway stations, corridors and balconies, walkways, loading docks, storage areas

*Frosted lens

PORTABLE LIGHTS

TEMPORARY LED LIGHT STANDS

Model No.	Power (W)	Lumens (lm)	Supply Voltage	Working height (mm)
LEDFL-PORTABLE3DC	3 x 10	3 x 900	9~30V DC	800-1600
LEDFL-PORTABLE3ACDC	3 x 10		85~265V AC & 9-30V DC	
LEDFL-PORTABLE3AC	3 x 10		85~265V AC	
LEDILS-2500	2 x 40	2 x 3600	230V AC	1250-2500
LEDILS-5000	400	36,000	230V AC	1600-5000
LEDILS-5000KIT	400		230V AC or 12V DC	

SUITABLE FOR: Building sites, workshops, sports events, temporary carpark lighting, utility unplanned fault work

BATTERY OPERATED LED FLOOD LIGHTS

Model No.	Power (W)	Lumens (lm)	Supply Voltage	IP Rating	Battery Included
LEDFL-10WBATT	10	900	85~265V AC, 12-24V DC	IP65	Yes
LEDFL-20WBATT	20	1800			Yes
LEDFL-20W2BATT	20	1300		IP54	Yes x 2

SUITABLE FOR: Lighting small spaces and cavities, under buildings, heat-sensitive situations, remote locations

STREETLIGHTS

TNL0729 STREETLIGHTS

Model No.	Power (W)	Lumens (lm)	Input Voltage	Photocell/ Sensor	Colour Temperature	Weight (kg)	Dimensions (mm)
TNL0729-40	40	4050	85~265V	Yes	2700~5700K	4	500 x 278 x 122
TNL0729-40ACNS	40			No			
TNL0729-40DC24	40		24V DC	No			

SUITABLE FOR: City streets, pavements, squares, schools, parks, yards, residential areas, factories, car parks

TNL0735 STREETLIGHTS

Model No.	Power (W)	Lumens (lm)	Input Voltage	Photocell/ Sensor	Colour Temperature	Weight (kg)	Dimensions (mm)
TNL0735-100	100	9900	85~265V AC	Yes	2700~5700K	12.5	750 x 390 x 190
TNL0735-100ACNS	100			No			

SUITABLE FOR: City streets, pavements, squares, schools, parks, yards, residential areas, factories, car parks

luxtella

STREETLIGHTS

LEDLUX STREETLIGHTS

Model No.	Power (W)	Lumens (lm)	Style	Input Voltage	Weight (kg)	Dimensions (mm)
LEDLUX-S12XPL-42/14DC*	14-42	1750-4900	Standard	12-24V DC	4	275.6 x 423 x 171
LEDLUX-S12XPL-42/14*	14-42			220-240V AC		
LEDLUX-S36XPL-115/35*	35-115	4800-13,950			7	275.6 x 594 x 171
LEDLUX-S72XPL-151/106*	35-115	15,350-20,650		120-277V AC		
LEDLUX-T72XTE-116/80-BRN0	80-116	9,500-12,800	T-Lamp	220-240V AC		275 x 566 x 171
LEDLUX-T72XTE-116/80-BTN0	80-116					

SUITABLE FOR: City streets, highways, public parks, car parks, subdivisions, hospitals, Corrections facilities

*Suffix options for optics, regulation and Nema Socket

SOLAR LIGHTS

LED SOLAR GARDEN LIGHT/BRICK/BOLLARD

Model No.	Description	Solar Cell (W)	Operating Time	Weight (kg)	Dimensions (mm)
LEDSB80R	Solar garden light	0.4	>5 days (fully charged)	0.5	80D x 45H
LEDSB100F*	Solar brick	0.9		0.5	96 x 96 x 45
LEDSB200F*	Solar brick	3		1.8	196 x 196 x 45
LEDSG-C900*	Solar garden light	4.8		7	315D x 900H
LEDSG-S900*	Solar bollard	3	>4 days (fully charged)	10	230 x 230 x 900

SUITABLE FOR: Parks, walkways, gardens, creative lighting, fountains

When ordering add suffix to determine colour of light output:
RD = Red, GN = Green, BL = Blue, YL = Yellow, WH = White

*INDENT ONLY

LED SOLAR ROAD STUD

Model No.	Solar Cell (W)	Viewing Distance	Load	Operating Time	Weight (kg)	Dimensions (mm)
LEDSTR120	0.45	>100m	>30 tonnes	>5 days (fully charged)	0.65	126D x 45H

SUITABLE FOR: Pedestrian crossings, bridges, airports

When ordering add suffix to determine colour of light output:
RD = Red, GN = Green, BL = Blue, YL = Yellow, WH = White

SOLAR KITS

SOLAR LED FLOODLIGHT KITS

Model No.	Kit Components	Sensor
LEDSOLAR-FL25	LEDFL11-25DC12, 90W solar panel, 30mm Z brackets, battery box, 90Ah deep-cycle battery, mini-blade fuse holders, twin-core cable, solar controller	No
LEDSOLAR-FL30-PIR	LEDFL10-30PIR, 90W solar panel, 30mm Z brackets, battery box, 90Ah deep-cycle battery, mini-blade fuse holders, twin-core cable, solar controller	Yes
LEDSOLAR-FL40	LEDFL11-40DC24, 250W solar panel, 30mm Z brackets, 2x90Ah deep-cycle battery, mini-blade fuse holders, twin-core cable, solar controller, battery box x2 (optional)	No

SUITABLE FOR: Remote locations, farm implement sheds, pump stations, car parks, workshop yards, security lighting

SOLAR LED STREETLIGHT KITS

Model No.	Kit Components	Light Pole	Solar Panel Bracket
LEDSOLAR-ST40	TNL0729-40DC24 light, 250W solar panel, battery pillar box, 2x 90Ah deep-cycle battery, mini-blade fuse holders, twin-core cable, solar controller	No	No
LEDSOLAR-ST40B		No	Yes
LEDSOLAR-ST40P		Yes	Yes

SUITABLE FOR: Remote locations, farm implement sheds, pump stations, car parks, workshop yards

LI44 SOLAR LED STREETLIGHT KIT

Model No.	Kit Components
LEDSOLAR-LI44	40W LED light, 240W solar module, charging controller, lithium battery, stainless steel pole

SUITABLE FOR: City streets, highways, public parks, car parks, subdivisions, hospitals, Corrections facilities

SOLAR PUMPS

SunPumps solar pumps are a range of submersible and surface water pumps powered by solar energy. SunPumps is a USA manufactured brand and is the perfect solution for installations where there is no connection to the grid or where you'd like to remain "off the grid".

SUNPUMPS RANGE

- SCP Series Solar Powered Centrifugal Pool Pumps with Brushless DC Motors
- SCS Series Brushless DC Submersible Pumps
- SDS Series DC Submersible Pumps
- SDSP-Q Series DC Submersible Sump Pumps
- SDS-T Series DC Submersible Pumps
- Brushless DC Surface 56-J Frame
- Brushless DC Surface 56-C Frame
- PCA & PCB Series Pump Controllers
- SIJ Series Brushless DC Triplex Plunger Pumps
- SJT-05090BT Solar Powered Shallow Well Jet Pump
- SJT-10-120BL Brushless DC Shallow Well Jet Pump
- SPB Triplex Piston Booster Pumps

SENSORS

MOTION SENSOR: DUAL RANGE

FEATURES

Light Setting	0-500lux
Range	1-18m adjustable
Power Consumption	0.5W
Max Load	1200W
Time Setting	8 second-12 minute last movement detection

360 degree detection

There are two different types of motion sensor in our range:

1. The on/off sensors are used to turn the lights on for a set time (between 8sec-12min) when movement is detected.
2. The 0-10V sensors work directly with our dimmable lights, perfect when turning the lights off is not an option. No movement keeps the lights at maximum dim, when movement is detected the lights immediately change to full brightness.

Both have selectable light level to optimise energy savings. Above the set light level, the lights will not change state on detection of movement. This feature is most suited in applications with high ambient light levels during the day, and can be disabled.

LIGHT LEVEL SENSORS

FEATURES

Supply Voltage	24V
Output Signal	0-10V or 4-20mA
Range	0-2000lux

This range of light level sensors offers an analogue output signal depending on the light level. Used to control dimming of lights these light level sensors make any smart relay or PLC that may already be in the plant or factory into a simple, intelligent lighting controller.

Our technical staff are able to assist with specific programmes for smart relays to control the lights.

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