



**PRODUCT  
CATALOGUE**

**ECO  
LIGHT**

**SPECIALISTS IN COMMERCIAL  
& INDUSTRIAL LED**

# THE BIG 3 BENEFITS OF LED



## 1. **HUGE SAVINGS - energy & maintenance costs**

LED's are programmable so you save money by having the lights on only when you need them, and at the level you need.

Energy efficiency- up to 80% energy saving vs traditional halogen lights.

Long lifespan up to 50,000 hours, or approximately 10 years.

VERY robust fittings and VERY low maintenance.

Lower operating temperatures- LED lights don't use power to heat up like traditional halogens.

## 2. **BETTER ILLUMINATION & CLARITY**

For product identification.

For Health and Safety.

Safer, cleaner light.

Improved security, and CCTV camera clarity.

Instantaneous light - no waiting to warm up.

## 3. **ENVIRONMENTALLY FRIENDLY**

No hazardous materials including mercury or lead.

Recyclable.





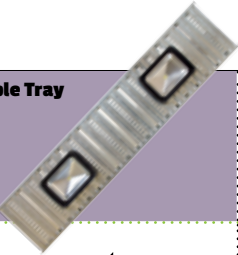

LED's at full market penetration could eliminate lighting as a major source of Co<sub>2</sub>.

# Power Savings

**LEDS achieve 50 – 70% energy savings, and reach up to 80% savings when coupled with smart controls**



# ECOLight SELECTION GUIDE

	<b>Floodlight Domestic</b> 	<b>Floodlight Industrial</b> 	<b>Floodlight/ Low Bay 70W- 140W</b> 	<b>Floodlight 400W</b> 	<b>Cable Tray</b> 	<b>High Bay 100W - 180W</b> 
Warehouse		✓	✓		✓	✓
Factory		✓	✓		✓	✓
Coolstore		✓	✓		✓	✓
Factory – food			polycarb		✓	✓
Outdoor security		✓	✓			
Sports				✓		
Building frontage		✓	✓			
Carpark		✓	✓	✓		
Events				✓		
Streetlights						
Rural/no power	✓ + solar kit	✓ + solar kit				
Marine		✓	✓			
Office interior						
Residential	✓	✓				
DIMMABLE	no	no	yes	no	yes	yes

200W High Bay	Batten	Ceiling Panels	Streetlight	Solar	Downlight	Portable	Domestic Lamps
✓	✓						
✓	✓						
✓	✓						
	✓						
	✓		✓	✓			
✓							
			✓	✓			
✓				✓		✓	
			✓	✓			
			✓ + solar kit	✓			
	✓	✓			✓		✓
	✓	✓		✓	✓	✓	✓
yes	no	yes	yes	no	no	no	yes

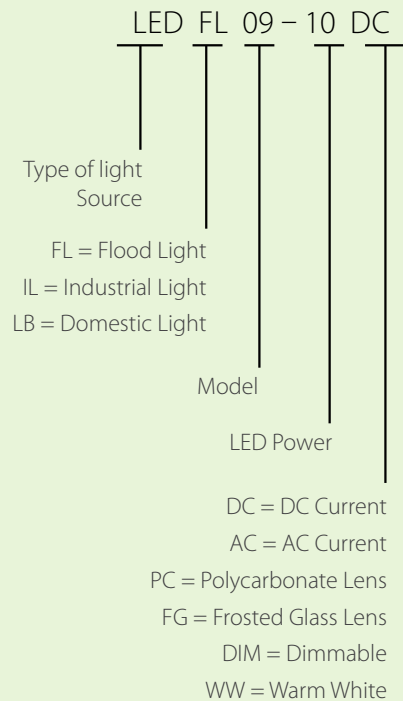
# Statement LED lights

## Show-stopping LED lights for foyers, boardrooms, and hospitality

ECOLight are also able to provide unique, custom designed lighting for our industrial and commercial clients.



## Catalogue Number Selection Reference



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# LED Lamps/Spots 5W - LEDLB



**LEDLB-GU10**



**LEDLB-MR16**



**5W**

For energy savings of over 80% when compared to traditional Halogen lighting options, these LED spotlights are the perfect alternative. Simple to retrofit as this range has been designed to fit into existing standard fittings.

Manufactured to the highest quality these lights significantly reduce energy consumption with excellent light output efficiency. This range also offers the added safety of low running temperatures and no glass in the construction.

Perfect for use in display cabinets, art galleries, hotels, restaurants or as modern lighting in homes and office buildings.

## Features

5W Sharp LED
GU10: 100 ~ 240VAC MR16: 6 ~ 17VAC
Beam angle: 380°
Over 80% more efficient than traditional incandescent light bulbs
Lower operating temperature
Longer running life – up to 30,000 hrs
Simple to retrofit–fits into existing fittings
Environmentally friendly for disposal – no mercury
Warm white & cool white light temperatures available
Non-Dimmable

CAT NO.	Colour Temp.	Lumens	Power	Led Brand	Supply Voltage
LEDLB-GU10CW	Cool White	260	5W	Sharp	100 ~ 240V AC
LEDLB-MR16CW	Cool White	260	5W	Sharp	6 ~ 17V AC
LEDLB-GU10WW	Warm White	260	5W	Sharp	100 ~ 240V AC
LEDLB-MR16WW	Warm White	260	5W	Sharp	6 ~ 17V AC



**50w halogen**



# LED Lamps/Bulbs 10W - LEDLB



**Dimmable**



### Features

10W Epistar LEDs
Available with Bayonet cap (B22) or Edison Screw cap (E27)
Over 80% more efficient than traditional incandescent light lamps
Lower operating temperature
Longer running life – Up to 30,000hrs
Warm white (3000K) & cool white (5500K) colour temperatures available
Excellent light uniformity
Dimmable (trailing edge)
145° beam angle

**LEDLB-ES (E27)**



**Dimmable**

CAT NO.	End Cap	Colour Temp.	Lumens	Power	Led Brand	Supply Voltage
LEDLB-ESCWDIM	Edison Screw	Cool White	760	10W	Epistar	180 ~ 240V AC, 50/60HZ
LEDLB-BCCWDIM	Bayonet Cap	Cool White	760	10W	Epistar	180 ~ 240V AC, 50/60HZ
LEDLB-ESWWDIM	Edison Screw	Warm White	730	10w	Epistar	180 ~ 240V AC, 50/60HZ
LEDLB-BCWWDIM	Bayonet Cap	Warm White	730	10w	Epistar	180 ~ 240V AC, 50/60HZ

**LEDLB-BC (B22)**



**60W incandescent bulb**

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# LED Outdoor lighting options



Winery



Clubhouse - LED front vs traditional halogen at back



Domestic sensor LED



Auckland International Airport



Street light Pacific Islands

# LED Floodlight 10W - LEDFL09

Available in AC and DC models, the uses for this floodlight are wide and varied.

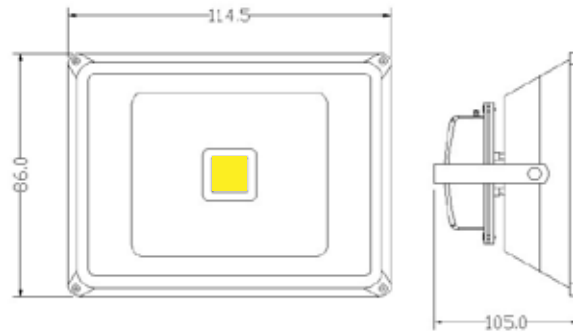
The LEDFL09 DC version can run on voltages between 10 and 30V DC.

These lights are perfect for lighting up signs, trade vehicle interiors, caravans, boats and even as camping lights.

SDOC is available on our website [www.ECOLight.co.nz](http://www.ECOLight.co.nz)



LEDFL09 Dimensions



## Features

10W LED
Power Factor: 0.98
Colour rendering index: Ra>80
Ambient temperature: -40°C to 50°C
Colour temperature <sup>(1)</sup> : 5000k
IP Rating: IP65
Weight: 0.8 kg
Dimensions: 114.5 x 86 x 105mm
Instant start up
Cool running temperature
Vibration resistant
Low energy costs
Low maintenance costs
No strobe effect
AC and DC versions
Long life span up to 30,000 hrs

<sup>(1)</sup> Other output colour temperatures available

CAT NO.	Lumens	Power	Supply Voltage	Current*
LEDFL09-10DC	900	10W	9-30V DC	0.83A
LEDFL09-10AC	900	10W	85 ~ 265V AC	0.04A
LEDFL09-10PC	900	10W	85 ~ 265V AC	0.04A

\* AC Current rating at 230V AC; DC Current at 12V DC

# LED Floodlight 30W - LEDFL10



The LEDFL10-30 saves 50-70% on the electricity costs when compared with a halogen or high pressure sodium lamp.

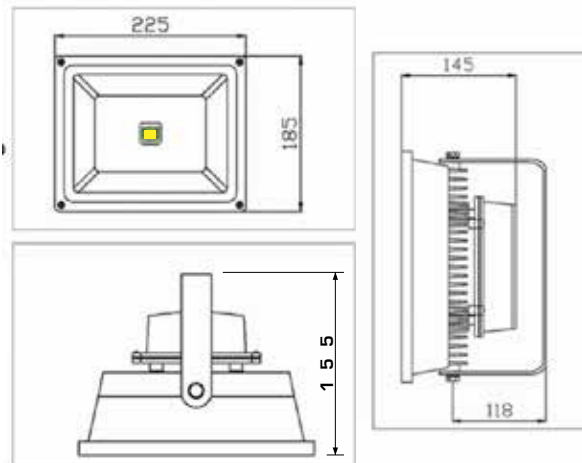
Our domestic range has a 2yr warranty, it has a powder coated aluminium housing and stainless steel fasteners to ensure longevity in outdoor environments.

The LEDFL10-30PIR comes complete with an inbuilt sensor, perfect for use as a security light.

The SDOC is available on our website [www.ECOLight.co.nz](http://www.ECOLight.co.nz)



**LEDFL10-30PIR - Complete with inbuilt sensor**



## Features

30W LED
Available with or without inbuilt sensor
Power Factor: 0.98
Colour rendering index: Ra>80
Ambient temperature: -40°C to 50°C
Colour temperature(1): 5700k
LEDFL10-30AC IP65 / LEDFL10-30PIR IP44
Weight: 2 kg
Dimensions: 225 x 185 x 145mm
Instant start up
Cool running temperature
Vibration resistant
Low energy costs
Low maintenance costs
No strobe effect
Long life span up to 30,000 hrs

(1) Other output colour temperatures available

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL10-30AC	2640	30W	85 ~ 265V AC	0.13A
LEDFL10-30PIR	3000	30W	85 ~ 265V AC	0.13A

\* AC Current rating at 230V AC; DC Current at 12V DC



# LED Floodlight 25W & 40W - LEDFL11



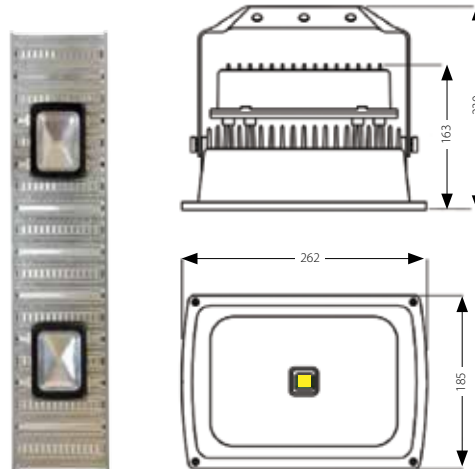
The LEDFL11 Floodlight range is the light of choice for most general purpose domestic and commercial applications.

Made from a powder coated aluminium housing, with a frosted toughened glass lens and stainless steel fasteners, the LEDFL11 is a robust LED Floodlight made to withstand tough environmental conditions. DC options offer flexibility for different applications. Alternative mounting options such as cable tray make for a fast effective installation.

Available in both 25W and 40W, the SDOC are available on our website. [www.ECOLight.co.nz](http://www.ECOLight.co.nz).

Notes: Red, Blue & Green light output available on special order

Marine Coating & non standard housing colours are also available on special order.



## Technical Specifications

LED Sources	25W, 40W
Input Voltage	AC (85~265V, 50-60Hz) DV 12V or DC24V
DC (12V, 24V)	Input Voltage
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Colour Rendering Index	Ra>80
Colour Temperature	Cool White 5700K
Colour Temperature	Warm White 3000K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, high intensity toughened glass
Weight	3.3kg
Dimensions	262x185x163mm

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL11-25AC	2250	25W	85 ~ 265V AC	0.12A*
LEDFL11-25DC12	2250	25W	12V DC	2.25A
LEDFL11-25DC24	2250	25W	24V DC	1.13A
LEDFL11-25PC	2250	25W	85 ~ 265V AC	0.12A*
LEDFL11-40AC	3600	40W	85 ~ 265V AC	0.18A*
LEDFL11-40ACWW	3600	40W	85 ~ 265V AC	0.18A*
LEDFL11-40DC12	3600	40W	12V DC	3.58A
LEDFL11-40DC24	3600	40W	24V DC	1.79A
LEDFL11-40PC	3600	40W	85 ~ 265V AC	0.18A*

\* AC Current rating at 230V AC

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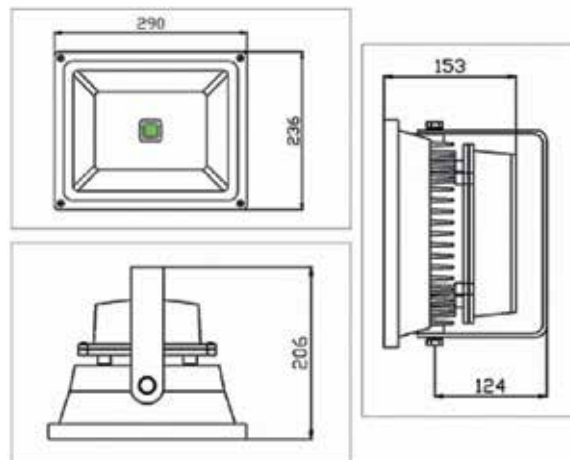
# LED Floodlight 50W - LEDFL12



The LEDFL12-50 uses a 50W single high power LED as the light source. It saves 50-70% on the electricity costs when compared with a halogen or high pressure sodium lamp.

Our domestic range has a 2yr warranty, it has a powder coated aluminium housing and stainless steel fasteners to ensure longevity in outdoor environments.

The SDOC is available on our website.



## Features

50W LED
Power Factor: 0.98
Colour rendering index: Ra>80
Ambient temperature: -40°C to 50°C
Colour temperature <sup>(1)</sup> : 5700k
IP Rating: IP65
Weight: 3 kg
Dimensions: 290 x 236 x 206mm
Instant start up
Cool running temperature
Vibration resistant
Low energy costs
Low maintenance costs
No strobe effect
Long life span up to 30,000 hrs

<sup>(1)</sup> Other output colour temperatures available

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL12-50	5000	50W	85 – 265V AC	0.22A

\* AC Current rating at 230V AC; DC Current at 12V DC

# LED Floodlight 70W - LEDFL17



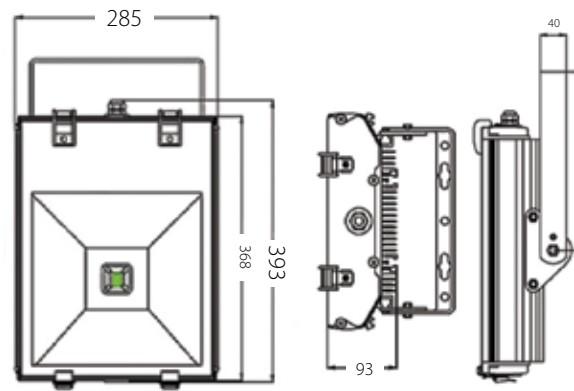
The LEDFL17 is a high quality professional looking light used for both indoor and outdoor applications. The slim profile is excellent for locations where roof heights are at a minimum, and traditional high bays will not fit. It's also popular as security and yard lighting for commercial and industrial buildings.

Packing in all the features of LED including instant start-up, cool running temperature, a generous heat sink and many mounting points. A unique feature with this model is the 24V DC option, making it a valuable addition to a truck fleet or farm machinery.

SDOC is available on our website [www.ecolight.co.nz](http://www.ecolight.co.nz)

Options (available on request)

- Frosted lens for reduced glare.
- Dimmable (0–10V) control, at max dim only draws 20W from supply.
- 316 Stainless Steel mounting bracket.
- Polycarbonate lens, no glass at all.
- Horizontal mounting bracket.
- Low bay mounting bracket.



## Technical Specifications

LED Sources	70W
Input Voltage	AC (85~265V) Frequency (50~60Hz) DC (24V)
Power Supply Efficiency	>90%
Power Factor	>0.9
LED Lighting Efficiency	100lm/W
Colour Rendering Index	Ra>80
Colour Temperature	Cool White 5700K Warm White 3000K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, 316 Stainless Steel fasteners, High intensity 5mm toughened glass
Weight	7.39kg
Effective Light Angle	103°
Dimensions	368x285x93mm

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL17-70AC	7200	70W	85 ~ 265V AC	0.32A*
LEDFL17-70ACWW	7200	70W	85 ~ 265V AC	0.32A*
LEDFL17-70DC24	7200	70W	24V DC	3.16A
LEDFL17-70PC	7200	70W	85 ~ 265V AC	0.32A*
LEDFL17-70ACFG	7200	70W	85 ~ 265V AC	0.32A*
LEDFL17-70ACDIM	7200	70W	85 ~ 265V AC	0.32A*

\* AC Current rating at 230V AC

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# LED Floodlight 140W - LEDFL18



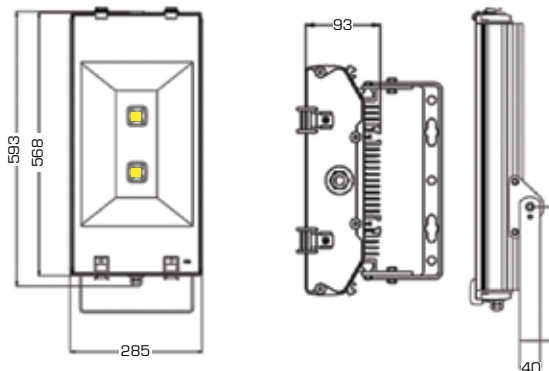
The LEDFL18 is a high quality professional looking light suitable for both indoor and outdoor applications. The slim profile is excellent for locations where roof heights are at a minimum, and traditional high bays will not fit, also popular as security and yard lighting outside large commercial and industrial buildings.

Packing in all the features of LED including instant start-up, cool running temperature, a generous heat sink and many mounting points. A unique feature with this model is the option of 24V DC supply making it a valuable addition to a truck fleet or farm machinery.

SDOC is available on our website [www.ecolight.co.nz](http://www.ecolight.co.nz)

Options (available on request)

- Frosted lens for reduced glare.
- Dimmable (0-10V) control, at max dim only draws 40W from supply.
- 316 Stainless Steel mounting bracket.
- Polycarbonate lens, no glass at all.
- Horizontal mounting bracket.
- Low Bay mounting bracket.
- 24V DC supply available.



## Technical Specifications

LED Sources	140W
Input Voltage	AC (85~265V, 50-60Hz) DC (24V)
Power Supply Efficiency	>90%
Power Factor	>0.9
LED Lighting Efficiency	100lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>80
Colour Temperature	2700K~5700K
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, 316 Stainless Steel fasteners, High intensity 5mm toughened glass
Weight	10.6kg
Effective Light Angle	107°
Dimensions	568x285x93mm

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL18-140AC	11,700	140W	85 ~ 265V AC	0.47A*
LEDFL18-140ACWW	11,700	140W	85 ~ 265V AC	0.47A*
LEDFL18-140PC	11,700	140W	85 ~ 265V AC	0.47A*
LEDFL18-140DC24	11,700	140W	24V AC	6.72A*

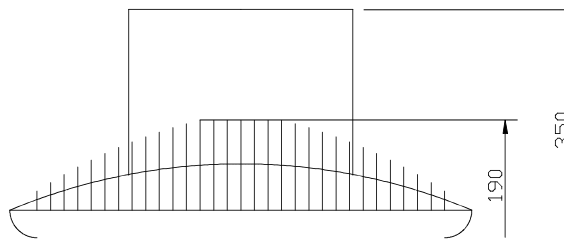
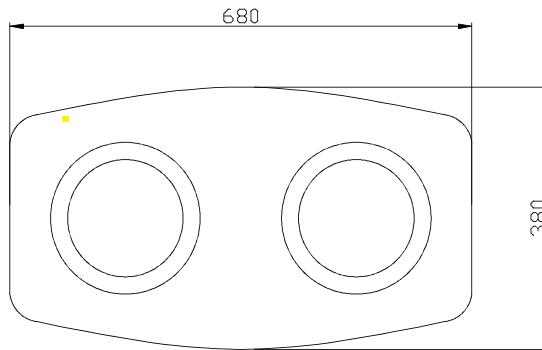
\* AC Current rating at 230V AC



# LED Floodlight 400W - LEDFL37

The 400 watt LED light is the most powerful unit in the ECOLight range. It has a similar lighting output level to a 1000 watt metal halide. It provides an exceptionally well lit working environment. For those working under it.

This unit is perfect for sports fields, carparks, large industrial portable lighting stands, and trucking yards where good lighting is required on a larger scale.



## Technical Specifications

LED Sources	400W
Input Voltage	AC (80-315V)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Colour Rendering Index	80
Colour Temperature	6000K
Ambient Temperature	-40 to +600C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	Aluminium, Toughened Glass
Weight	13kg
Dimensions	680x380x190mm
Lumens	36000

CAT NO.	Beam Angle	Lumens	Power	Overall height	Working height
LEDFL37-400AC	60 degrees	36,000	400W	1.9m	5.35m

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# LED High Bays 100W



**Narrow Angle Beam  
Polycarbonate Diffuser  
LEDIL22-100AC**



**Wide Angle Beam  
LEDIL23-100AC**



**Wide Angle Beam  
Polycarbonate Diffuser  
LEDIL24-100AC**



**Narrow Angle Beam  
LEDIL25-100AC**

The 100W high bay range uses a single high power 100 watt LED light source, with a high efficiency stable LED driver. When comparing with high pressure sodium lamps it can save 60% energy. The 100W high bay range comprises of wide and narrow angle beams using either a polycarbonate diffuser or anodic oxidation reflector.

SDOC is available on our website [www.ecolight.co.nz](http://www.ecolight.co.nz)



## Technical Specifications

LED Sources	100W
Input Voltage	AC (85–265V) Frequency (50–60Hz)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>70–80
Colour Temperature	Cool White 5700K
Colour Temperature	Warm White 3000K
Ambient Temperature	–40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead, Mercury
Materials: –PC Diffuser	PC transparent reflector Acrylic glass cover Acrylic sealing cover
–Reflector	Anodic oxidation reflector
Weight	4.0–7.5kg

CAT NO.	Beam Angle (Degrees)	Lumens	Power	Overall Height mm	Working Height
LEDIL22–100AC	88	9350	100W	609	4-8M
LEDIL23–100AC	120	9350	100W	609	4-8M
LEDIL24–100AC	97	9350	100W	750	4-8M
LEDIL25–100AC	45	9350	100W	750	6-10M

# LED High Bays 150W



**LEDIL24-150AC**

The ECOLight high bay range uses a single high power LED light source, with a high efficiency stable LED driver.

When comparing with high pressure sodium lamps these lights can save 60% energy. The high bay range comprises of wide and narrow angle beams using either a polycarbonate diffuser or Aluminium reflector.



## Technical Specifications

LED Sources	150W, 200W
Input Voltage	AC (85–265V) Frequency (50–60Hz)
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Colour Rendering Index	Ra>75
Colour Temperature	2700K–6500K
Ambient Temperature	–40°C to 55°C
IP Rating	IP54
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead, Mercury
Materials	PC Diffuser Aluminium Reflector
Weight	8 - 12kg
LED Beam Angle	45° - 120°
LED Lumens	150W: 12,960lm
Overall Height	150W: 550 - 700mm

CAT NO.	Beam Angle (Degrees)	Lumens	Power	Overall Height mm	Working Height
LEDIL22-150AC	88	12,960	150W	550-700	4-10M
LEDIL23-150AC	120	12,960	150W	550-700	4-10M
LEDIL24-150AC	97	12,960	150W	550-700	4-10M

# High Bays Industrial 200W – LEDFL27, 28 & 29



**INDUSTRIAL High Bay  
(WIDE BEAM ANGLE)  
LEDIL27-200AC**



**Tower Light  
(NARROW BEAM ANGLE)  
LEDIL29-200AC**

The ECOLight range of high bay fittings are an ideal replacement for traditional high bays. Eliminates costly lamp replacement programmes by opting for LED lighting.

The 200W industrial high bay is the most powerful high bay LED light in the range. The wide angle light is used in high roof industrial plants while the narrow angle light is used for tower lighting.

SDOC is available on our website [www.ecolight.co.nz](http://www.ecolight.co.nz)

- Uniform light distribution
- Dimmable
- Multiple beam angles
- Instant start up
- Lower lens temperature, reduces dust build up



## Technical Specifications

LED Sources	200W
Input Voltage	AC (85~265V) Frequency (50~60Hz)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Colour Rendering Index	Ra>70
Colour Temperature	Cool White 5700K
Colour Temperature	Warm White 3000K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, high intensity toughened glass
Weight	20.5kg
Dimensions	529mm Diameter 529x529x319mm

CAT NO.	Beam Angle (Degrees)	Lumens	Power	Overall Height mm	Working Height
LEDIL27-200AC*	100	19800	200W	309	10-20M
LEDIL28-200AC*	65	19800	200W	309	10-20M
LEDIL29-200AC*	35	19800	200W	309	10-20M

NOTE: 24V DC powered options available on special order

\* Available with acrylic plastic lens. Can be supplied with a driver to enable these lights to operate on 400 volts DC or 400 volts AC.

# Sensors - Light / Motion



## MOTION SENSOR: Dual Range

There are two different types of motion sensor in our range – on/off and 0-10V.

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, these are very good for when turning the lights off is not an option. When there is no movement the lights are at maximum dim, when movement is detected the lights immediately change to full brightness.

Both versions of the motion sensor have a 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.

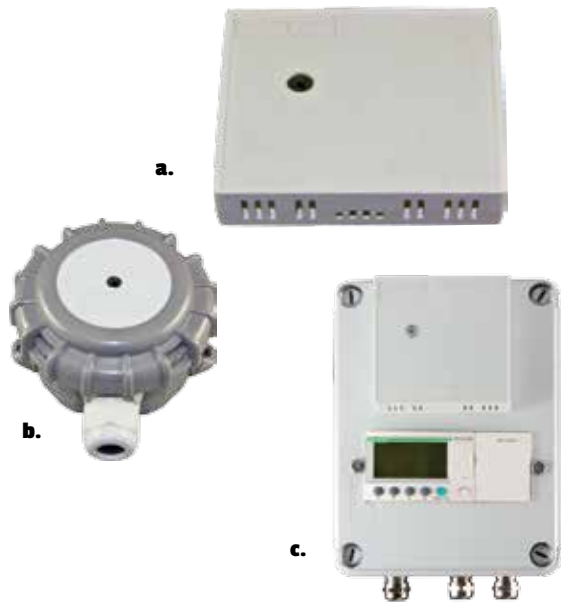
NOTE: This light level setting can be disabled.

## Features

Light Setting: 0–500 lux
360° detection
Range: 1–18m adjustable
Power Consumption: 0.5W
Max Load: 1200Wh
Time Setting: 8sec–12min last movement detection

CAT NO.	Input	Output
SENSORHZ–0–10V	230V AC	0 volts on movement /10 volts no movement
SENSORHZ–OFF–ON	230V AC	230 volts on movement /0 volts no movement

Note: SENSORHZ is made specifically to work with the 0-10V dimming capability on the ECOlight range



## LIGHT LEVEL SENSORS

We have two types of light level sensors in our range, both with the same function. This range of light level sensors offers an analogue output signal depending on light level. Used to control dimming of lights these light level sensors makes 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 programs for smart relays to control the lights.

NOTE: a. & b. are inputs to controller.

## Features

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

CAT NO.	Input	Output
a. SENSORAO–IN	24V	0-10V / 4-20MA
b. SENSORAO–OUT	24V	0-10v / 4-20MA
c. CONTROLLER	230V	0-10v Control signal



# Food Grade Lighting

**Polycarbonate Lens Range includes the following models;**



**LEDFL18-140PC**



**LEDFL17-70PC**



**LEDFL09-10PC**



**LEDFL11-40PC**



**Narrow Angle Beam  
Polycarbonate Diffuser**



**Wide Angle Beam  
Polycarbonate Diffuser**



**Narrow Angle Beam  
LEDIL25-100AC**



**Wide Angle Beam  
LEDIL23-100AC**

The ECOLight Polycarbonate range do not contain glass, making them suitable for food grade areas.

The entire Floodlight range is available with Polycarbonate lenses. If this is a requirement please add PC as the suffix to the part number in place of AC. An example is LEDFL18-140PC for a polycarbonate lens or LEDFL18-140AC for a glass lens.

SDOC's are available on our website. [www.ecolight.co.nz](http://www.ecolight.co.nz)

## Polycarbonate Lens Floodlight Range

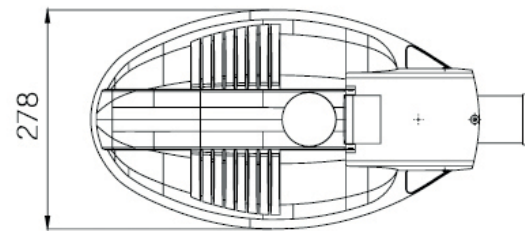
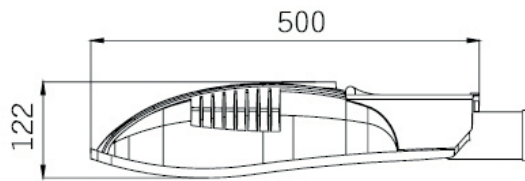
CAT NO.	Lumens	Power	Supply Voltage	Current
LEDFL09-10PC	900	10W	85 ~ 265V AC	0.05A
LEDFL11-25PC	2250	25W	85 ~ 265V AC	0.12A
LEDFL11-40PC	3600	40W	85 ~ 265V AC	1.18A
LEDFL17-70PC	6300	70W	85 ~ 265V AC	0.32A
LEDFL18-140PC	12600	140W	85 ~ 265V AC	0.47A
LEDFL17-70ACDIM	6300	70W	85 ~ 265V AC	0.32A*

NOTE: For High Bay fitting product see page ##

\* Current rating at 230V AC

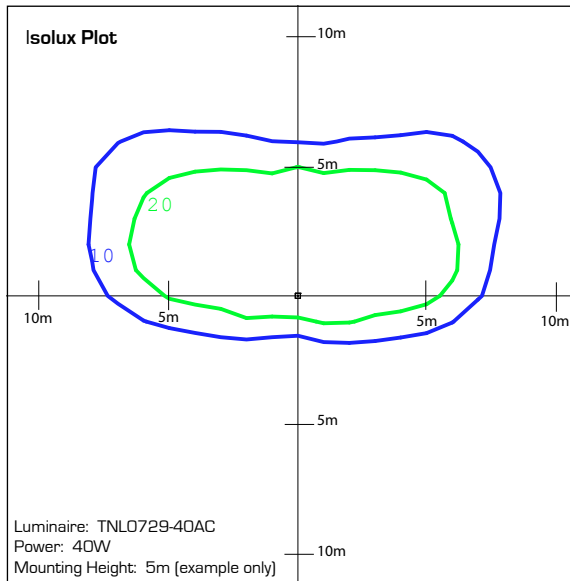
All these high bay lights are designed to be 'glass free' so the are ideal for food grade lighting areas.

# LED Streetlight 40W - TNL0729



TNL0729-40 is our latest low maintenance LED street light for residential areas, branch road and an excellent combination with solar street lighting. Power consumption is 40W with efficiency over 100lm/W in daylight white. It comes with excellent optical design and light distribution.

A Daylight sensor is available as an optional extra if required.



## Technical Specifications

LED Sources	40W
Input Voltage	AC (85~265V) Frequency (50~60Hz) DC (12V, 24V)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	90~110lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>75
Colour Temperature	2700K~5700K
Ambient Temperature	-40°C to 50°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium
Weight	4kg
Mounting Size <sup>(1)</sup>	50~60mm
Dimensions	500x278x122mm

CAT NO.	Lumens	Power	Supply Voltage	Current
TNL0729-40DC24	4050	40W	24V DC	1.79A
TNL0729-40	4050	40W	85~265V AC	0.17A

<sup>(1)</sup> Universal mounting adapter 35 - 65mm available: Part #TNLSLPA

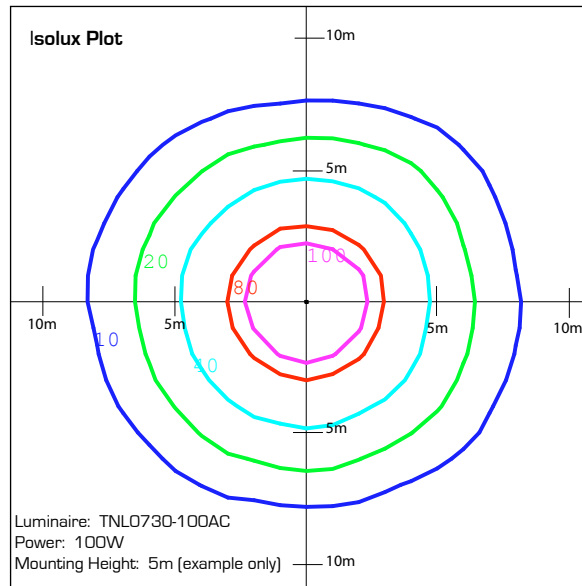
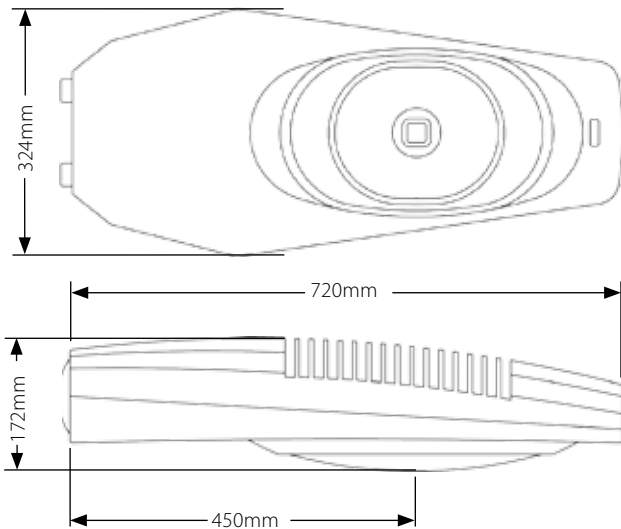


# LED Streetlight 60W & 100W - TNL0730



TNL0730 cobra head LED streetlights use a single powerful LED (60–100W) as the light source. The more traditional design is suitable for city streets, schools, parks and pedestrian crossings.

Daylight sensor is available as an optional extra if required.



## Technical Specifications

LED Sources	60 & 100W
Input Voltage	AC (85~265V) Frequency (50~60Hz)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>80
Colour Temperature	2700K~5700K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium
Weight	9.56kg
Mounting Size <sup>(1)</sup>	50–60mm
Dimensions	720x324x172mm

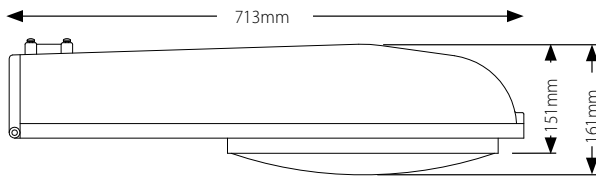
CAT NO.	Lumens	Power	Supply Voltage	Current
TNL0730 - 60	5850	60W	85~265V AC	0.32A
TNL0730 - 100	9390	100W	85~265V AC	0.45A

<sup>(1)</sup> Universal mounting adaptor 35 - 65mm available: Part #TNLSLPA



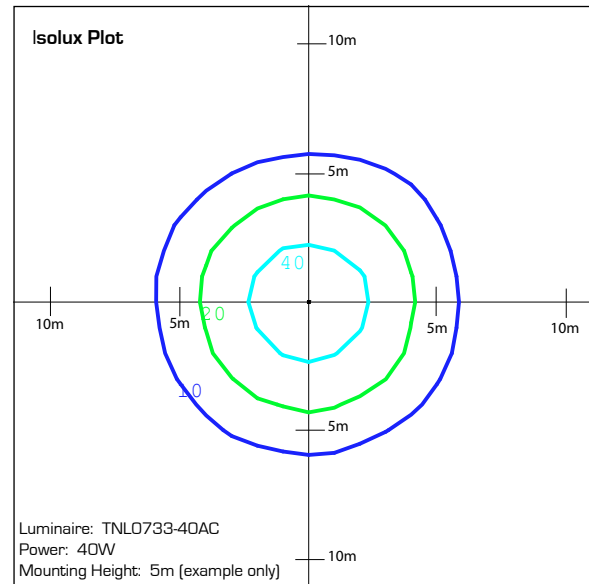


# LED Streetlight 40W - TNL0733



TNL0733-40 use a 40W single high power LED. It's eco-friendly using patented technology delivering 50-75% energy savings when compared to high pressure sodium streetlights.

Daylight sensor is available as an optional extra if required.



## Technical Specifications

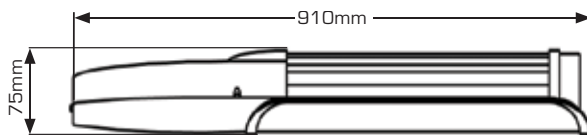
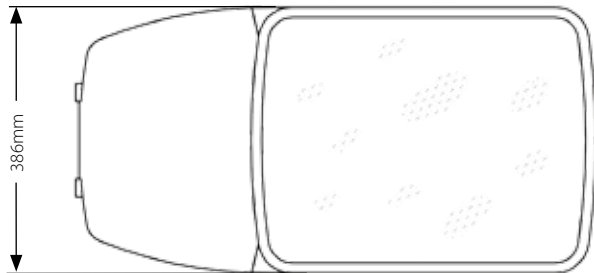
LED Sources	40W
Input Voltage	AC (85~265V) Frequency (50~60Hz)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>80
Colour Temperature	2700K~5700K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, High strength tempered glass cover
Weight	6.5kg
Mounting Size <sup>(1)</sup>	50-60mm
Dimensions	713x354x161mm

CAT NO.	Lumens	Power	Supply Voltage	Current
TNL0733 - 40	3600	40W	85~265V AC	0.18A

<sup>(1)</sup> Universal mounting adaptor 35 - 65mm available: Part #TNLSLPA

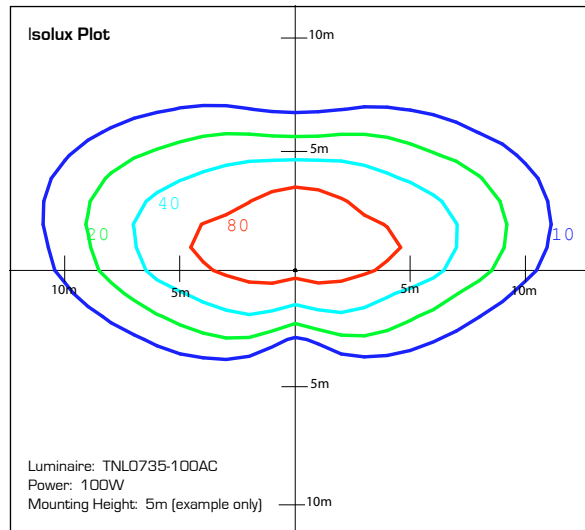


# LED Streetlight 60W, 100W & 120W - TNL0735



TNL0735 use two high powered LEDs (30–60W) with an LM06 equivalent aluminium housing and heat sink, high strength tempered glass cover and high efficiency LED driver. The design incorporates a proprietary method of transferring heat to the heat sink which features wings to take advantage of cross ventilation. This heat dissipation enhances the 50,000 hour useable life of the LED.

Daylight sensor is available as an optional extra if required.



## Technical Specifications

LED Sources	60, 100 & 120W
Input Voltage	AC (85~265V) Frequency (50~60Hz)
Power Supply Efficiency	>90%
Power Factor	>0.98
LED Lighting Efficiency	100lm/W
Luminaire Efficiency	>90%
Colour Rendering Index	Ra>80
Colour Temperature	2700K~5700K
Ambient Temperature	-40°C to 55°C
IP Rating	IP65
Life Span	>50,000hrs
Eco-friendly	No UV, IR, Lead or Mercury
Materials	LM06 equivalent Aluminium, 316 Stainless Steel fasteners, High intensity toughened glass
Weight	12.5kg
Mounting Size (1)	50–60mm
Dimensions	750x390x190mm

CAT NO.	Lumens	Power	Supply Voltage	Current
TNL0735 - 60	5850	60W	85~265V AC	0.32A
TNL0735 - 100	9900	100W	85~265V AC	0.45A
TNL0735 - 120	12150	120W	85~265V AC	0.55A

<sup>(1)</sup> Universal mounting adaptor 35 - 65mm available: Part #TNLSLPA



# Marine LED

ECOLight LED has proven its durability and performance in harsh outdoor and marine environments. Featuring Cermachrome aluminum coating (1&2) or aluminum casings (3&4) – plus 316 stainless steel brackets and bolts.

1 & 2.



3.



4.



## Features

- 1. LED FL 11 – 25W see page 13 for technical specifications
- 2. LED FL 11 – 40W see page 13 for technical specifications
- 3. LED FL 17 – 70W see page 15 for technical specifications
- 4. LED FL 18 – 140W see page 16 for technical specifications







Variation streetlight with 300W panel



**Streetlight Solar Kit  
LEDSOLAR-ST40**

- TNL0729-40DC24
- 250W solar panel
- Z brackets 30mm
- MC4 connectors
- 2 x 80Ah deep cycle battery
- 2 x mini-blade fuse holders 32V/30A with mini-blade fuse 10A
- Battery cables with lugs
- 10m of 4mm<sup>2</sup> solar twin-core cable
- 10m of 2.5m<sup>2</sup> twin-core cable
- 4mm<sup>2</sup> yellow-green earth cable
- 10pcs. Cable ties 160mm/2.5mm
- Terminal block
- 12/24V 10A solar controller

# Solar Lighting Kits

## Floodlight Solar Kit

### 25W: LEDSOLAR-FL25

- LEDFL11-25DC12
- 1 x 90W solar panels
- Z brackets 30mm
- MC4 connectors
- PDL WSW201 switch
- 1 x 80Ah deep-cycle battery
- 2 x mini-blade fuse holders 32V/30A with mini-blade fuse 10A
- Battery cables with lugs
- 10m of 4mm<sup>2</sup> solar twin-core cable
- 10m of 2.5m<sup>2</sup> twin-core cable
- 4mm<sup>2</sup> yellow-green earth cable
- 10pcs. Cable ties 160mm/2.5mm
- Terminal block
- 12/24V 10A solar controller

25W

OR

30W



## Floodlight Solar Kit

### 30W: LEDSOLAR-FL30-PIR

- LEDFL10-30PIR
- 2 x 90W solar panels
- Z brackets 30mm
- MC4 connectors
- PDL WSW201 switch
- 2 x 80Ah deep-cycle battery
- 2 x mini-blade fuse holders 32V/30A with mini-blade fuse 10A
- Battery cables with lugs
- 10mm of 4mm<sup>2</sup> twin-core cable
- 10mm of 2.5m<sup>2</sup> twin-core cable
- 4mm<sup>2</sup> yellow-green earth cable
- 10pcs. Cable ties 160mm/2.5mm
- Terminal block
- 12/24V 10A solar controller

Due to the reduced energy consumption of LED lights, we are able to supply an affordable solar package to operate the ECOLight fittings. These packages are simple to install and easy to operate. Secure the solar panel and controller in place, connect all fittings and wait for the sun to go down.

These kits are based on systems that run all night. The solar controller can be easily programmed to run for an allocated time or times during the night. Alternatively they can operate on a light sensor—perfect for sign illumination and security lighting.



# LED Light Stands 10W - LEDFL-PORTABLE3



This is our cost effective portable light stand which is rugged and very durable. Engineered to withstand the inevitable bumps and knocks that portable lights endure. DC and AC/DC versions available, the AC/DC version comes complete with the power supply kit so you can power it from your car, truck, or connect it direct to a battery or plug it into the main power supply. All models come in a handy carry bag.



**Floor Mounted**



**Power Supply kit Included in AC/DC Kit Only**



**Carry bag**

## Features

Telescopic stand to offer a range of working heights, approximately 800mm – 1600mm

Easy to assemble and put away, fits into small storage areas

Lights and lead operating at a safe voltage at all times

Long 12m lead

Fused automotive auxiliary

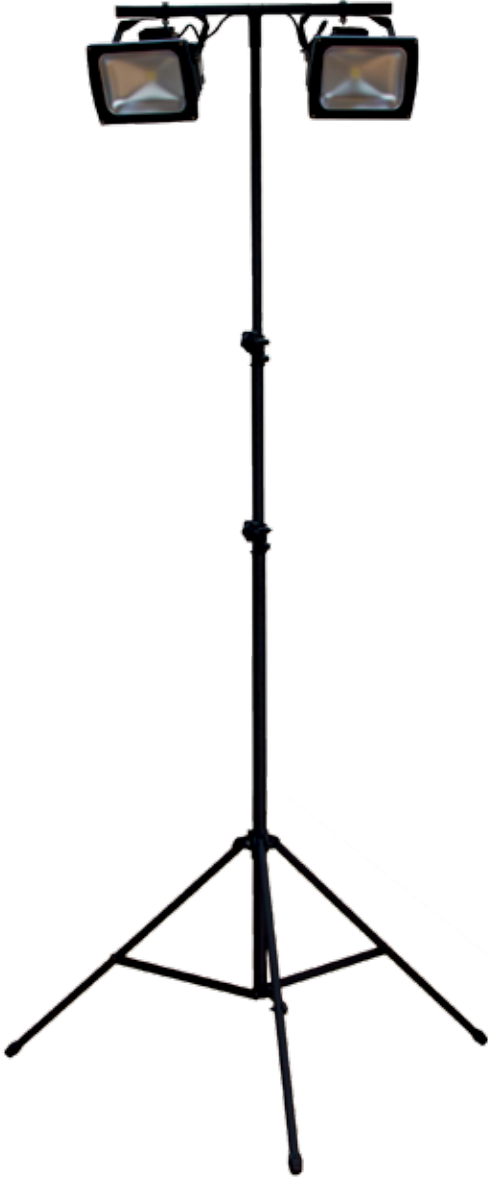
12/24V DC or 230V AC/DC (depending on the model purchased)

Sturdy canvas storage bag, 770x250x200mm

Cool running temperature

CAT NO.	Lumens	Power	Supply Voltage	No. Lights
LEDFL-PORTABLE3DC	3x900	3x10W	9 - 30VDC	3
LEDFL- PORTABLE3ACDC	3x900	3x10W	85~265C AC & 9 - 30VDC	3
LEDFL- PORTABLE3AC	3x900	3x10W	85~265C AC	3

# LED Industrial Light Stands 40W - LEDILS-2500



This industrial light stand (ILS) is engineered to cater for the commercial user where durability is of key importance.



**Features**

- Telescopic stand to offer a range of working heights, approximately 1250mm – 2500mm
- Easy to assemble and put away, fits into small storage areas
- Long 12m lead
- Power source 230V AC
- Sturdy canvas storage bag, 770x250x200mm
- Cool running temperature
- Sturdy canvas storage bag, 770x250x200mm
- Cool running temperature

CAT NO.	Lumens	Power	Supply Voltage	No. Lights
LEDILS - 2500	2x4000	2x40W	230V AC	2

Call +64 9 272 5619



# LED Industrial Light Stands 400W - LEDILS-5000



**1.6M HIGH BEFORE EXTENDED**



**5m at full extension**



**COMPLETELY PORTABLE LIGHTING STAND**



**PROTECTIVE HARD STORAGE CASE**

The LEDILS-5000 is the most powerful in the ECOLight industrial light stand range.

Using a bicycle foot pump, this temporary light stand extends to 5 meters. It automatically locks in place at each extension stage with locking pins.

The kit is completely portable, it's fast and simple to erect.

The 400 watt LED light has a comparable lighting level to a 1000 watt metal halide. The fully extended 5m stand provides a non-glare working environment for those working under it.

The stand is very stable, and for added stability in poor weather conditions, it is supplied with anchor pegs and stops.

The stand comes in a heavy duty carry bag, while the rest of the kit is stored and transported in a sturdy wheeled case.

This unit can be powered by mains power, generator or your vehicles battery by simply connecting the inverter mounted inside of the carry case to the battery.

This is a unique product, that redefines what temporary lighting should be.

Purchase as a complete kit or stand and light only.

**LEDILS-5000 INCLUDES:**

- 400W LED light fitting
- Air extendable light stand
- Bicycle foot pump
- Battery leads
- Storage bag for stand
- Purchase as a complete kit or stand and light only.
- LEDILS-5000 includes everything as above plus a tough plastic carry case and a 400W inverter. When used with the inverter the light can be powered by car battery

**Technical Specifications**

LED Sources	400W
Input Voltage	230V AC
IP Rating	IP65
Dimensions – Stand	1.6m up to 5m when extended
– Packed in Carry Case	LxWxH 80x52x32cm
Weight – Stand	17.85kg
– Packed in Carry Case	32.85kg

CAT NO.	Lumens	Power	Supply Voltage	Current
LEDILS - 5000	36,000	400W	230V AC	<3 AMPS
LEDILS - 5000KT	36,000	400W	230V AC or 12V DC	<3 AMPS (AC) (DC)

Kit can be tailored to suit your requirements, please call to discuss.



The Stand Up Paddle Board Champs were held for the first time at night and required very powerful lights to run the event.



# LED Batten Light 45W & 70W - LED4FT



**Fully enclosed unit, stylish and practical design**



**Stainless Steel fastening options, easy to install**

The ECOLight LED4FT range has been developed for use in areas commonly fitted with fluorescent battens. This range is IP65 rated, visually unobtrusive and functional.

Widely used for ambient lighting applications including parking buildings, fuel stations, warehousing, offices, schools, retail etc.

Excellent light spread, no glare and no strobe effect make them perfect for office or areas of precise work.

With flexible mounting options this range offers excellent flexibility with reduced hassle.

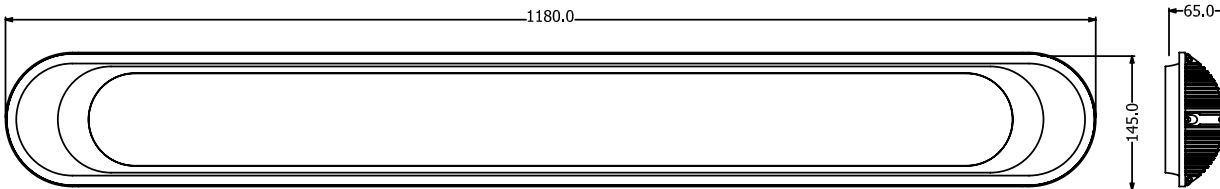
They can be fixed to any flat surface (ceiling, wall, beam etc) or hung from adjustable wires.

## Technical Specifications

LED Sources	45W, 70W
Input Voltage	AC (100-240V)
Power Factor	>0.9
Colour Rendering Index	WW: >80
CW	75
Colour Temperature	WW: 4500K CW: 6000K
Working Temperature	-20°C to 45°C
IP Rating	IP65
Life Span	>30,000hrs
Materials	6063 Aluminium
Weight	5kg
Luminous Flux WW = warm white CW = cool white	45W CW = 3160lm 45W WW = 2950lm 70W CW = 4600lm 70W WW = 4320lm
Dimensions	1180x145x65mm

CAT NO.	Lumens	Power	Supply Voltage	Current
LED4FT-45ACCW	3160	45W	100-240V AC	0.20A*
LED4FT-45ACWW	2950	45W	100-240V AC	0.20A*
LED4FT-70ACCW	4600	70W	100-240V AC	0.30A*
LED4FT-70ACWW	4320	70w	100-240V AC	0.30A*

\* AC Current rating at 230V AC



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# INTELLIGENT POWER MONITOR

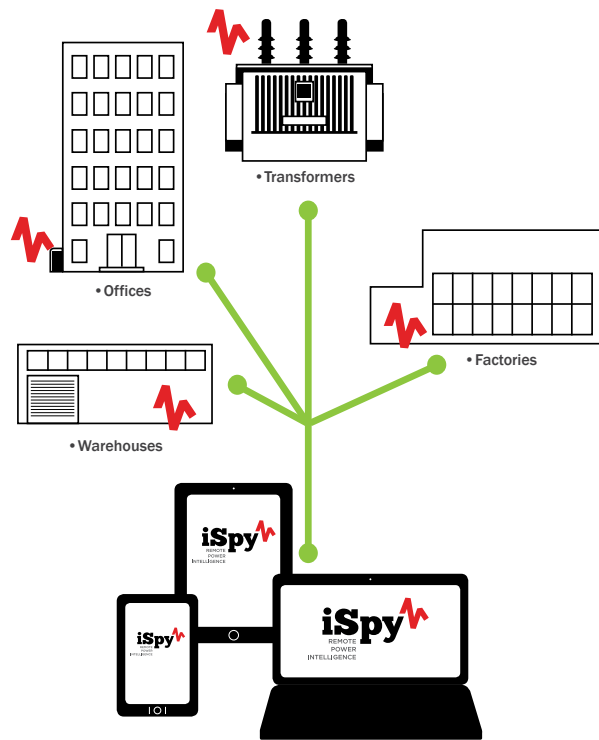


## YOU CAN'T MANAGE YOUR POWER IF YOU DON'T MONITOR IT.

Most businesses don't know where their power saving opportunities are.

iSpy helps commercial and industrial companies find power savings and manage their ongoing power usage:

- Monitor and solve power, voltage, load and distribution issues PLUS monitor cable and transformer temperatures.
- Monitor any 3 phase load; building, warehouse, transformers.
- Monitors any single phase load; lighting, circuit, pump, motor.
- Set SMS and email alerts to spot faults before they happen.



Designed to be retrofitted to existing systems. Simply connect the voltage sources, CTs, and mount the dual antennae. Power up and, when the green light is stable, the device is fully connected to the webserver.

- Configurable logging and alarms
- 3 hour 'last gasp' back up battery
- Remote configurable
- User interactive graphs
- External temperature sensor (optional)
- GPRS / GSM + GPS
- Smartphone friendly
- SMS and email alerts
- TLS 1.0, 256 bit encryption



[www.ecolight.co.nz](http://www.ecolight.co.nz)



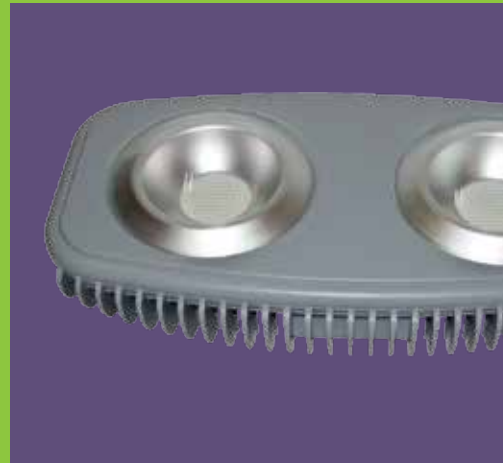
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