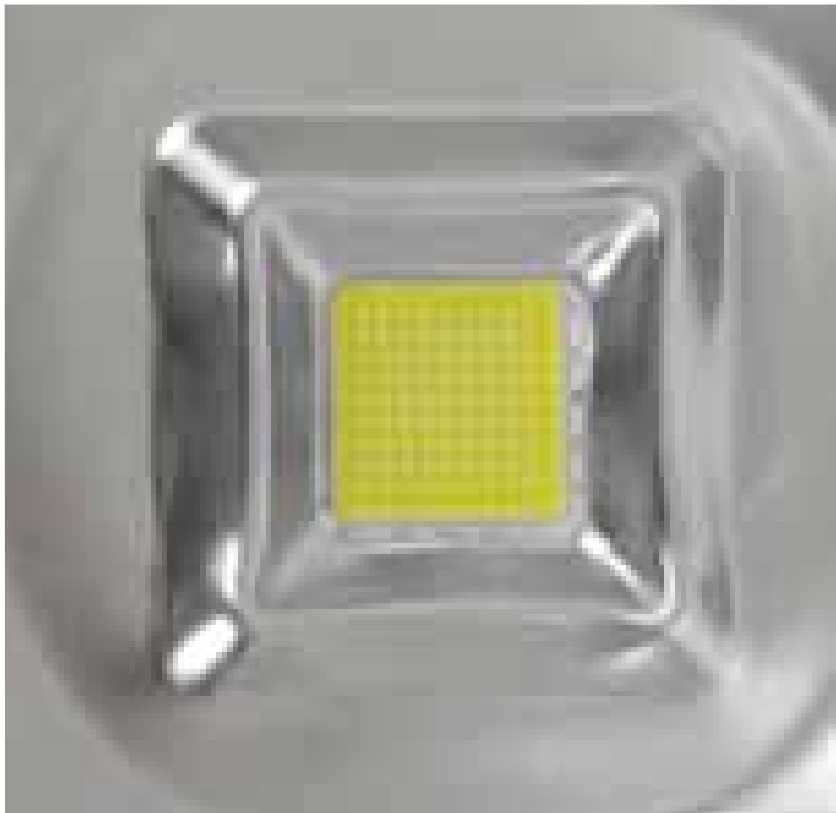
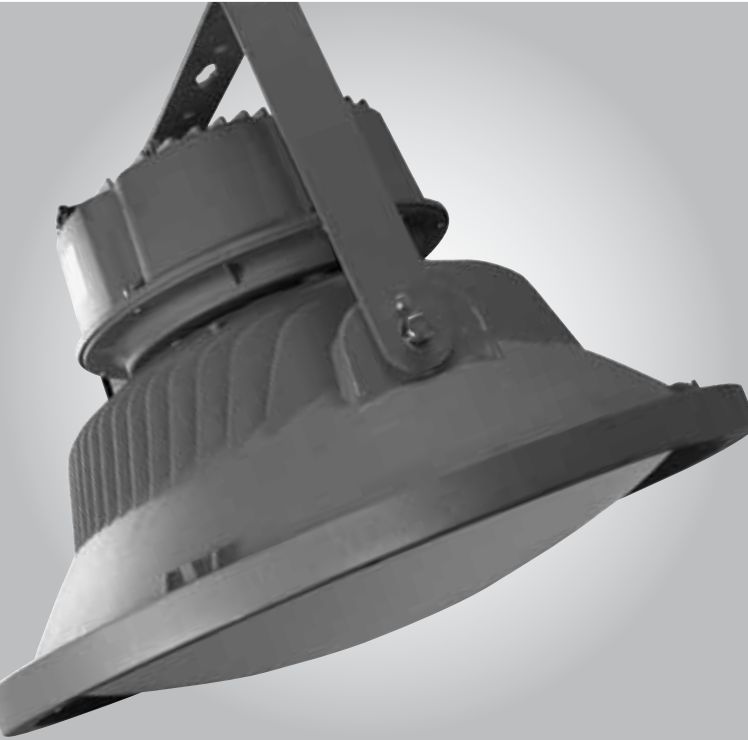
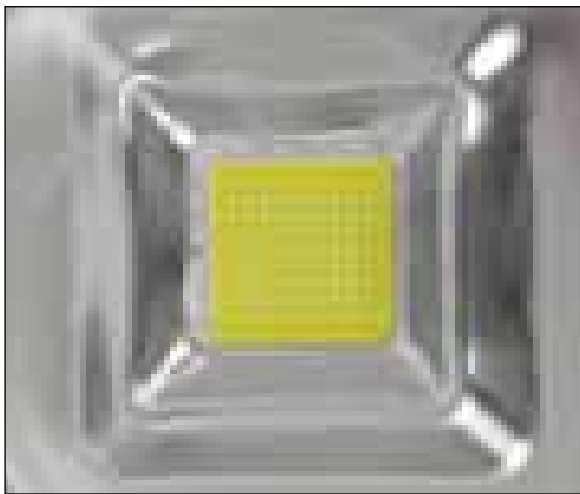




# LED Lighting Solutions





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# LEDFLO9

LED Floodlight



Made from quality parts, these lights are built to last. A powder coated aluminium housing and stainless steel fasteners ensure longevity in outdoor environments.

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

The LEDFLO9 DC version can run on voltages between 10 and 30V DC. If you need to, you can run this light on a 9 volt battery for well over two hours.

These lights are perfect for lighting up signs, trade vehicle interiors, caravans, boats and even as camping lights. These small floodlights are also ideally suited as emergency lights in commercial buildings.

## FEATURES

- Power Factor: 0.98
- Colour rendering index: Ra>80
- Ambient temperature: -40°C to 50°C
- Colour temperature\*: 5000k
- IP Rating: IP65
- Weight: 0.8 kg
- Dimensions: 115x86x105
- Instant start up
- Cool running temperature
- Vibration Resistant
- Low energy costs
- Low maintenance costs
- No strobe effect
- AC and DC versions
- Long life span

\*Other output colour temperatures available



LEDFLO9



PAR 38 SPOT LIGHT

CAT NO.	LUMENS	POWER	SUPPLY VOLTAGE
LEDFLO9-10DC	900	10W	9-30V DC
LEDFLO9-10AC	900	10W	85-265V AC
LEDFLO9-10PC	900	10W	85-265V AC

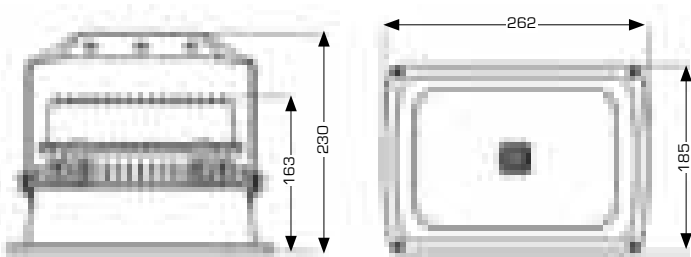
# LEDFL11

LED Floodlights



The LEDFL11 Flood light 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.



## FEATURES

- Power Factor: 0.98
- Colour rendering index: Ra>80
- Ambient temperature: -40°C-50°C
- Colour temperature\*: 5000k
- IP Rating: IP65
- Weight: 3.3 kg
- Dimensions: 262 x 185 x 163
- Instant start up
- Cool running temperature
- Vibration Resistant
- Low energy costs
- Low maintenance costs
- No strobe effect
- AC and DC versions
- Long life span

\*Other output colour temperatures available



LEDFL11 FLOODLIGHT



500W HALOGEN

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
LEDFL11-40DC12	3600	40W	12V DC	3.58A
LEDFL11-40DC24	3600	40W	24V DC	1.79A
LEDFL11-40PC	3600	40W	24V DC	1.79A

NOTE: Red, Blue & Green light output available on Special Order

# LEDFL17

LED Floodlights

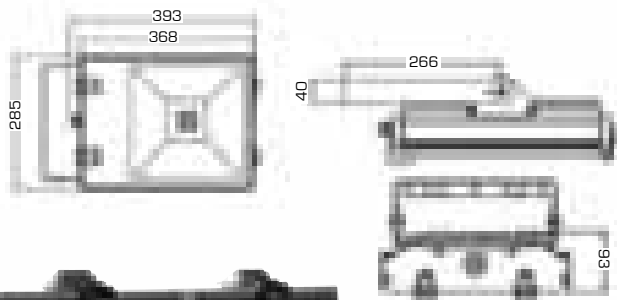


The LEDFL17 is a high quality smart looking light used for both indoor and outdoor applications. The slim profile is excellent for locations where roof heights are at a minimum, where traditional high bays will not fit. Popular as security and yard lighting outside large commercial and industrial buildings.

Packing in all the features of LED including instant start-up, cool running temperature and a generous heat sink will ensure both a long reliable life span and many mounting points to get optimum mounting angle for your application. A unique feature with this light is the option of 24V DC supply making it a valuable addition to a truck fleet or farm machinery.

## OPTIONS (available on request)

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



LEDFL17 FLOODLIGHT

## FEATURES

- Power Factor: 0.98
- Colour rendering index: Ra>80
- Ambient temperature: -40°C to 50°C
- Colour temperature\*: 5000k
- IP Rating: IP65
- Weight: 7.5 kg
- Dimensions: 368 x 285 x 93
- Instant start up
- Cool running temperature
- Vibration Resistant
- Low energy costs
- Low maintenance costs
- No strobe effect
- AC and DC versions
- Long life span
- Marine grade 316 stainless steel fasteners
- Anodised aluminium construction
- Toughened glass clear or frosted lens

\*Other output colour temperatures available



200W METAL HALIDE FLOODLIGHT

CAT NO.	LUMENS	POWER	SUPPLY VOLTAGE	CURRENT
LEDFL17-70AC	6300	70W	85-265V AC	0.32A
LEDFL17-70DC24	6300	70W	24V DC	3.16A
LEDFL17-70PC	6300	70W	85-265V AC	0.32A

# LEDFL18

LED Floodlights

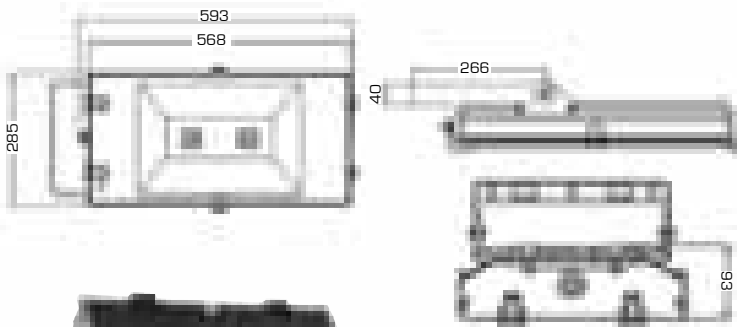


The LEDFL18 is a high quality smart looking light used for both indoor and outdoor applications. The slim profile is excellent for locations where roof heights are at a minimum, where traditional high bays will not fit. Popular as security and yard lighting outside large commercial and industrial buildings.

Packing in all the features of LED including instant start-up, cool running temperature and a generous heat sink will ensure both a long reliable life span and many mounting points to get optimum mounting angle for your application. A unique feature with this light is the option of 24V DC supply making it a valuable addition to a truck fleet or farm machinery.

## OPTIONS (available on request)

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



LEDFL018

## FEATURES

- Power Factor: 0.98
- Colour rendering index: Ra>80
- Ambient temperature: -40°C to 50°C
- Colour temperature\*: 5000k
- IP Rating: IP65
- Weight: 10.6 kg
- Dimensions: 568 x 285 x 93
- Instant start up
- Cool running temperature
- Vibration Resistant
- Low energy costs
- Low maintenance costs
- No strobe effect
- Long life span
- Marine grade 316 stainless steel fasteners
- Anodised aluminium construction
- Toughened glass clear or frosted lens

\*Other output colour temperatures available



400W METAL HALIDE FLOODLIGHT

CAT NO.	LUMENS	POWER	SUPPLY VOLTAGE	CURRENT
LEDFL18-140AC	12,600	140W	85-265V AC	0.47A
LEDFL18-140PC	12,600	140W	85-265V AC	0.47A
LEDFL18-140ACFG	12,600	140W	85-265V AC	0.47A

# Food Grade Lighting



The Ecolight Polycarbonate range, have no glass in their construction, making them suitable for food grade areas. All our 100W high bay units come standard with no glass so standard part numbers apply for food grade areas too.

Our entire Flood Light range is available with Polycarbonate lenses, if this is a requirement please add PC as the suffix to the part number you require in place of AC. An example is LEDFL18-140PC for a polycarbonate lens or LEDFL18-140AC for a glass lens.

## POLYCARBONATE LENS LIGHTING 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  
LEDIL95-100AC



WIDE ANGLE BEAM  
LEDIL23-100AC

## POLYCARBONATE LENS FLOODLIGHT RANGE

CAT NO.	LUMENS	POWER	SUPPLY VOLTAGE	CURRENT
LEDFL09-10PC	900	10W	85-265V AC	0.05
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	12,600	140W	85-265V AC	0.47A

\* For High Bay fitting product information see next page.

# High Bay Fittings

The TransNet range of high bay fittings are a good looking replacement for traditional high bays. Eliminate costly lamp replacement programs by opting for LED.

With four different options in 100W High Bay, there is a light available to suit any application.

The industrial high bay is the most powerful 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.

- Uniform light distribution
- Dimmable
- Multiple beam angles

## FEATURES

- Power Factor: >0.98
- Luminaire frequency: >90%
- Colour rendering index: Ra>80
- Ambient temperature: -40°C–55°C
- Colour temperature: 5000k
- IP Rating: IP65
- Instant start up
- Cool running temperature
- Vibration Resistant
- Low energy costs
- Low maintenance costs
- No strobe effect
- AC and DC versions
- Long life span
- Voltage: 8–265V AC

\*Other output colour temperatures available



INDUSTRIAL HIGH BAY (WIDE BEAM ANGLE)  
LEDIL27-200AC



TOWER LIGHT (NARROW BEAM ANGLE)  
LEDIL29-200AC

CAT NO.	BEAM ANGLE (Degrees C°)	LUMENS	POWER	OVERALL HEIGHT MM	WORKING HEIGHT
LEDIL22-100AC	88	9000	100W	609	4-8M
LEDIL23-100AC	110	9000	100W	609	4-8M
LEDIL24-100AC	97	9000	100W	750	4-8M
LEDIL25-100AC	53	9000	100W	750	6-10M
LEDIL27-100AC*	110	17800	200W	309	10-20M
LEDIL29-100AC*	35	17800	200W	309	20-35M

**Note:** 24V DV powered options available on special order. \*Not available with Polycarbonate lens.

# High Bay Fittings



**NARROW ANGLE  
POLYCARBONATE DIFFUSER  
LEDIL22-100AC**



**WIDE ANGLE  
POLYCARBONATE DIFFUSER  
LEDIL24-100AC**



**TRADITIONAL HIGH  
BAY FITTING**



**WIDE ANGLE BEAM  
LEDIL23-100AC**



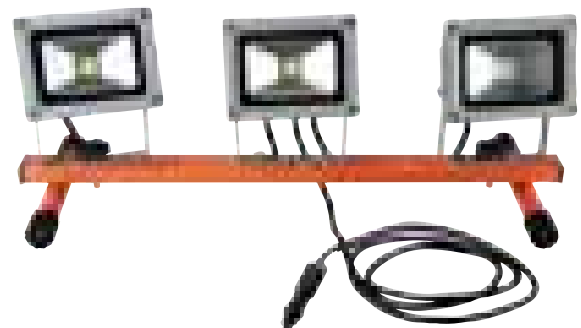
**NARROW ANGLE BEAM  
LEDIL95-100AC**

# LED Light Stands

The ultimate portable lights. Rugged and very durable. Engineered to withstand the inevitable bumps and knocks that portable lights endure. Can be powered by almost any electrical source, car, truck, industrial machinery, direct to a battery or straight into mains power via supplied power supply.

## FEATURES

- Choice of either one or three lights
- Telescopic stand to offer a range of working heights
- 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 DV or 230V AC
- Sturdy canvas storage bag



CAT NO.	LUMENS	POWER	NO. LIGHTS
LEDFL-PORTABLE1	900	10W	1
LEDFL-PORTABLE3	3X900	3X10W	3

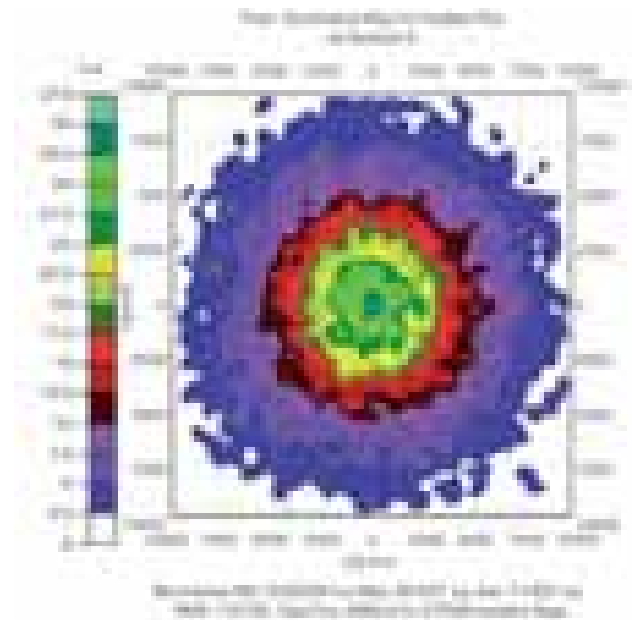
# TNLO733 Series

60 - 100W LED Street Light



## FEATURES

- LED Source: Single High Power LED
- Luminous Efficiency:  $\geq 80\text{lm/W}$
- Input Voltage: AC (85V-265V)/Frequency (50-60Hz) DC (12V-24V)
- Power Factor (PF)  $> 0.9$
- Luminous Flux 800-3200lm Efficiency of the Power Supply  $> 90\%$
- Effective Light Angle 65 Degrees
- Colour Rendering Index  $> 80$
- Colour temperature 2700K-7000K
- Net Weight 6.5Kg
- Aluminium Housing
- Vacuum metallic: membrane plated reflector
- High intensity toughened glass cover
- Life Span: 50,000 hours
- Waterproof Grade: IP65
- Maintenance costs are much lower than conventional street lights
- Available with or without photo cell control
- Eco-friendly: No UV, IR, lead or mercury

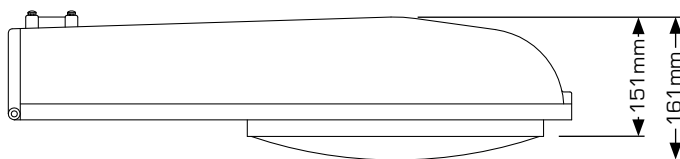


LEDL0733



HIGH PRESSURE SODIUM

## DESIGN AND DIMENSIONS



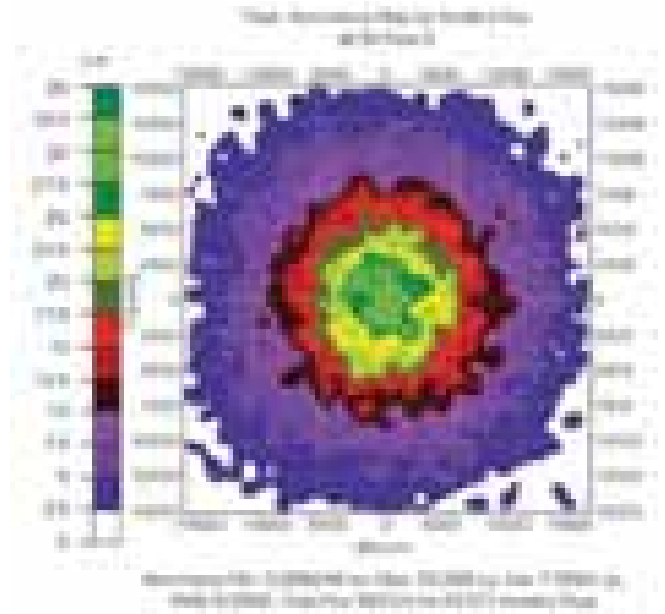
# TNLO730 Series

60 - 100W LED Street Light



## FEATURES

- LED Source: Single High Power LED (60-100W)
- Luminous Efficiency:  $\geq 80\text{lm/W}$
- Input Voltage: AC (85V-265V)/Frequency (50-60Hz) DC (12V-24V)
- Power Factor (PF)  $> 0.9$
- Luminous Flux 2400-8000lm (60W-100W)
- Efficiency of the Power Supply  $> 90\%$
- Effective Light Angle 65 Degrees
- Colour Rendering Index  $> 80$
- Colour temperature 2700K-7000K
- Net Weight 9.56kg
- Aluminium Housing
- Vacuum metallic-membrane plated reflector
- High intensity toughened glass cover
- High efficiency LED driver and semi-conductor chips
- Life Span: 50,000 hours
- Waterproof Grade: IP65
- Maintenance costs are much lower than conventional street lights
- Available with or without photo cell control
- Eco-friendly: No UV, IR, lead or mercury

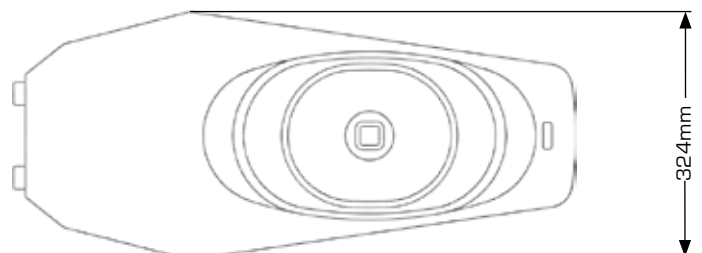
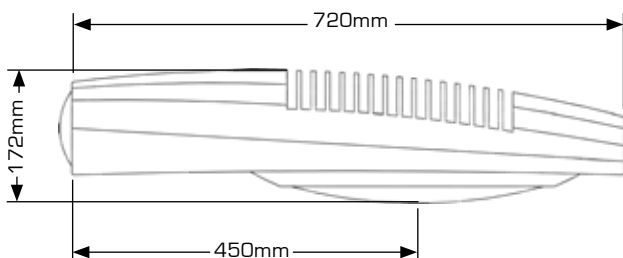


LEDL0730



HIGH PRESSURE SODIUM

## DESIGN AND DIMENSIONS



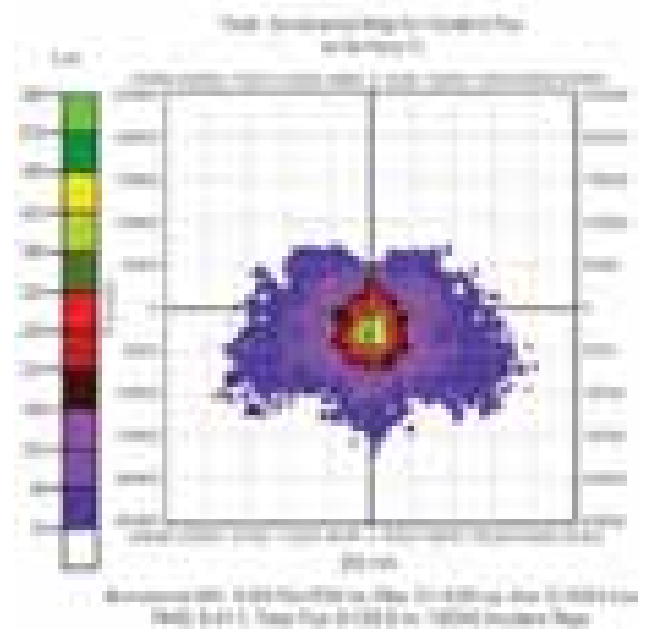
# TNL0735 Series

## 60-120W LED Street Light



### FEATURES

- LED Source: Two High Power LED
- Luminous Efficiency:  $\geq 80\text{lm/W}$
- Input Voltage-AC (85V-265V)/Frequency (50-60Hz) DC (12V-24V)
- Power Factor (PF)  $> 0.95$
- Luminous Flux 4800-9600lm (60W-120W)
- Efficiency of the Power Supply  $> 90\%$
- Effective Light Angle 150 Degrees
- Colour Rendering Index  $> 80$
- Colour temperature 2700K-7000K
- Net Weight 12.5Kg
- Aluminium Housing
- Proprietary LED encapsulation
- Vacuum metallic-membrane plated reflector
- High intensity toughened glass cover
- Life Span: 50,000 hours
- Waterproof Grade: IP65
- Maintenance costs are much lower than conventional street lights
- Available with or without photo cell control
- Eco-friendly: No UV, IR, lead or mercury

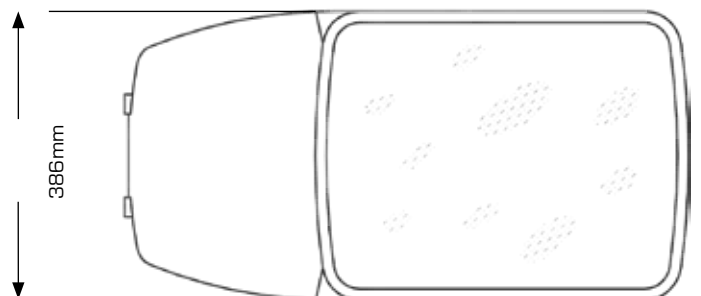
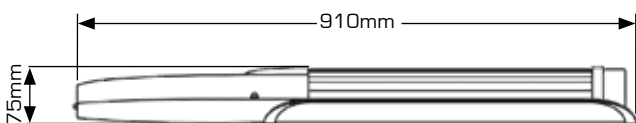


LEDL0735



HIGH PRESSURE SODIUM

### DESIGN AND DIMENSIONS



# Solar Lighting Packages



Due to the reduced energy draw LED lights offer we're able to supply an affordable Solar package to operate the Ecolight fittings. These packages are simple to install and easy to operate, simply 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 or they can operate on a light sensor—perfect for sign illumination & security lighting.

## 25W FLOOD KIT - LEDSOLAR-FL25

- 1x LEDFL11-25DC12
- 1x 80W Solar Panel
- 1x Solar Controller
- 1x 80AMP Hour Deep Cycle Battery



LEDSOLAR-FL25

## 40W FLOOD KIT - LEDSOLAR-FL40

- 1x LEDFL11-40DC24
- 2x 80W Solar Panels
- 2x 80AMP Hour Deep Cycle Batteries
- 1x Solar Controller



LEDSOLAR-FL40

# Solar Lighting Packages



## 40W STREET LIGHT KIT- LEDSOLAR-ST40

- 1x TNLO733-40DC24
- 2x 80W Solar Panels
- 2x 80AMP Hour Deep Cycle Batteries
- 1x Solar Controller



LEDSOLAR-ST40

## 80W STREET LIGHT KIT- LEDSOLAR-ST80

- 1x TNLO735-80DC24
- 2x 160W Solar Panels
- 2x 180AMP Hour Deep Cycle Batteries
- 1x Solar Controller



LEDSOLAR-ST80



**ECO  
LIGHT**



**DISCLAIMER**

The information in this document, including drawings, illustrations and graphs reflect our present understanding and is to the best of our knowledge correct and reliable. Users, however, should independently evaluate the suitability of this product for the desired application. Under no circumstances does this constitute the assurance of any particular quality or performance.

Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for this product is set forth in our standard terms and conditions of sale.

TNLEDCAT11/11

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