

# Nova LED

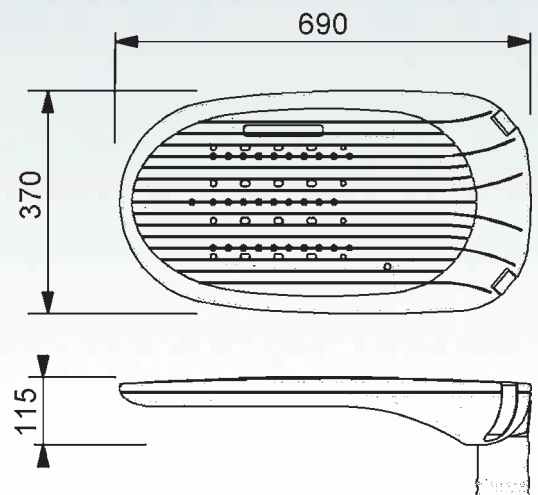
from Candela Light

IP66 / IK09 / CLASS I / CLASS II



# Nova LED

1. Canopy, die cast aluminium
2. Chassis, die cast aluminium
3. Glazing, Flat toughened glass
4. Spigot, die cast aluminium with stainless steel fixing bolts
5. Quick release tool free access
6. Plug and play quick release gear tray
7. Surge protected
8. 1-10v or Dali dimming options available
9. Sealed to IP66



## Luminaire Adjustment

Bolt on cast aluminium spigot for side entry or post top to suit dia 34 – 60mm. note for dia 34 and 42mm the collar insert option will need to be ordered with the fitting.

Dedicated spigot available for dia 76mm post top application.

For optimal light output the tilt angle of the fitting can be easily adjusted on site.

Side entry adjustment: upto +5 degrees

Post top adjustment: upto +10 degrees

## Optic Technology

Our lens have been designed for road lighting applications. Using optical grade acrylic, they have been optimised for use with Cree LED's. Offering flawless light distribution with over 90% optical efficiency.

## Options

Photocell

Other RAL colours available

1-10V or Dali Dimmable

Monitoring

34 or 42mm side entry insert



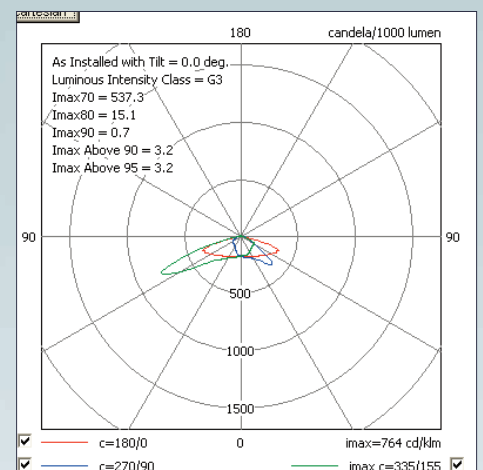
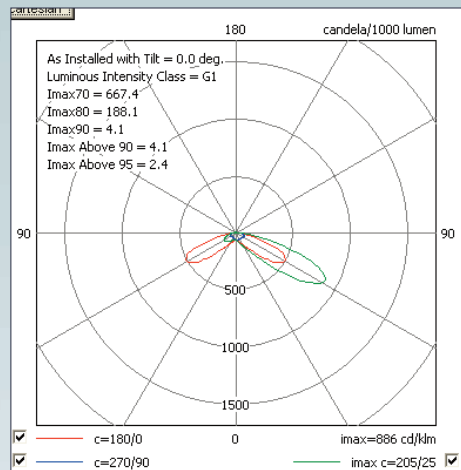


## Photometry

Our luminaires are supplied with the latest Cree LED's and with a choice of optics and configurations we can provide an asymmetrical or symmetrical distribution.

In combination with the latest drivers the unit can achieve upto 50% energy savings when compared to a conventional setup

Available from 32 – 84 LED configurations to suit a variety of applications the Nova LED is suitable from 5 – 12m mounting heights.



## Vale Park

Candela Light was originally commissioned for the design of a unique column, bracket and lantern arrangement for a new residential scheme that was being built in 1998. The design incorporated a 10m mounting height, with a 2m bespoke outreach bracket, whilst the lantern housed 250W Metal Halide lamp and gear. The scheme was installed and has been operational for over 10 years.

In 2012 Candela was approached by Amey plc about the possibility of

retrofitting the units with LED's. Utilizing existing column positions the lighting scheme was revisited with a 72 LED configuration and proved possible by meeting ME3 class lighting levels. The decision to go ahead was made, with the retrofit program taking 6 months, 300 plus luminaires were converted to LED, leaving local residents delighted with the improved light levels, and the local authority happy with the energy savings the conversion provided.





## Think Tank

In keeping with the Think Tank Science Museum in Birmingham, Candela offered a new build scheme to meet there lighting requirements. By fitting our 36 LED engine into our Fleet range of luminaires we offered a twin column arrangement, which not only performs, but architecturally matches the contemporary look and feel of the building and surrounding area and provides a striking visual that meets a visitors expectations when visiting the museum



## Heritage

Candela Light, in recent years has undertaken a number of projects where the client has required a fitting that is a little more eye-catching, or sympathetic to the surrounding architecture than what a standard LED type luminaire would be, whilst still expecting the same benefits and energy savings that this type of light source offers over conventional lamps and gear. With this in mind Candela Light has developed its own LED Engine that can be either installed into new builds or retrofitted into existing schemes. With its vast range of lantern styles, and flexible LED system we are confident that we can offer an LED solution to any lighting scheme that may arise.

Other designs in our LED range, visit [www.candela-led.co.uk](http://www.candela-led.co.uk)



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