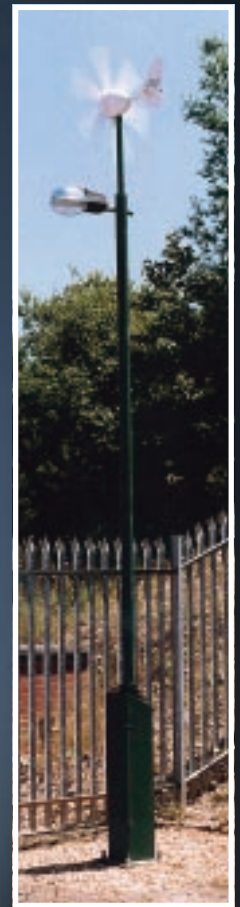


the green column

the wind of change



Marlec's Green Column is an environmentally friendly modern solution to outdoor amenity lighting.

- *NO meter charges!*
- *NO standing charges!*
- *NO running costs!*

the green column



The green column is a new concept in amenity lighting designed for the 21st Century providing illumination at almost any location remote from the grid electricity supply. It is an innovative, environmentally friendly and independent outdoor lighting system that is cost effective and simple to install almost anywhere.

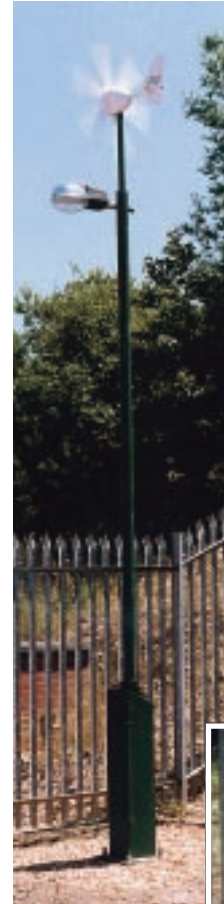
It doesn't rely on mains power, instead the Rutland 913 Windcharger converts wind power into electrical energy which is stored in the battery at the base of the column for use as required by the lamp. The lamp has been designed to maximise efficient use of the energy generated using a low energy compact fluorescent tube which is switched automatically by a light sensor.

The green column is intended for permanent installations and can be located in the remotest of sites since no mains services are required saving on installation costs, inconvenience and time. The purpose designed column by leading manufacturers Stainton incorporates a built-in lockable enclosure for the battery and controller. The whole system is virtually maintenance free and there are NO daily running costs - the power is completely free!

Marlec Engineering Co Ltd have been pioneers in the small scale wind turbine industry since 1979, designing and supplying combined wind / solar systems for clients worldwide in a variety of applications.

Applications

- Conservation areas
- Remote homes
- Countryside roads
- Developing countries
- Caravan parks
- Farm tracks, stables, yards
- Car parks, bus shelters
- Industrial buildings, Airfields
- Adaptable for other applications eg road sign illumination, harbourside lighting, shorebased navigation lighting, and many more.



Specifications

- Rutland 913 Windcharger is quiet and efficient in operation, charging commences from windspeeds of just 5mph so you can install it in almost any location
- Energy efficient compact fluorescent lamp in waterproof housing
- Fully automatic operation, lights up when it gets dark
- Steel galvanised, green powder coated tower complies fully with BS 5649, EN40 and BS729
- A tower height of 6m is standard, a concrete foundation of 1m³ is required (depending on soil type)
- Easy to install manually, no lifting gear required
- Vandal resistant door lock secures battery and controller within the column base
- Maintenance free long life sealed battery provides up to 2 weeks reserve power
- Built-in controller maximises battery life protecting against excessive charge and discharge. Charge and battery status displayed
- All accessories supplied for simple plug and play installation

Specification subject to change

For immediate information about Marlec and other Rutland Wind Chargers Visit our Website: www.marlec.co.uk



For more information contact

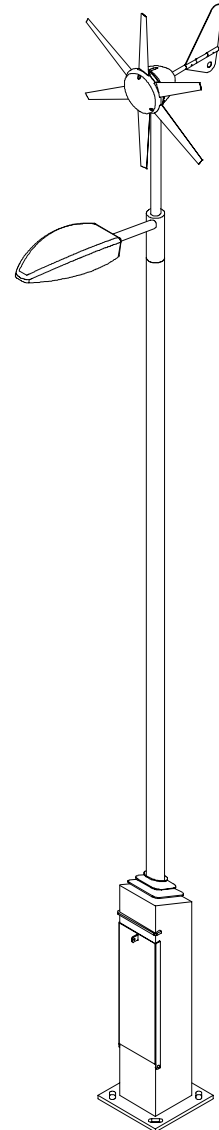
Marlec Engineering Company Ltd. Rutland House, Trevithick Road, Corby, Northants NN17 5XY
Tel: +44 (0)1536 201588 Fax: (0)1536 400211 E-mail: sales@marlec.co.uk

Patent applied for

the green column

At Marlec, we aim to deliver the latest in renewable energy technologies. We couple this with feedback and experience from our customers to introduce design changes and features that optimise the performance of our products. The Green Column has undergone some change!

- A new, more attractive style of custom made lamp enclosure is now used. Its high efficiency reflector improves illumination without adding to battery consumption.
- The re-designed user-friendly controller has two new features. First is energy saving electronic time switch allowing the operator up to 8 on and off settings per day with 15 different day combinations. This extends the battery back up period by switching the lamp off during periods when it's not needed. Second is a manual switch allowing the operator to shut down the Windcharger for occasional maintenance.



- Solar Mounting Kit – Designed to deliver a balance of energy throughout the seasons the hybrid wind / solar system is available to order with the Green Column or to retro-fit to existing installations. Ideal for topping up at less windy sites.

.....STOP PRESS.....

Look out for the 'Wireless Eye'. It's a Green Column with a camera. Call us to find out more or visit <http://www.wirelesseye.co.uk>

For more information contact:

Marlec Engineering Co Ltd. Rutland House, Trevithick Road, Corby, Northants NN17 5XY
Tel: +44 (0)1536 201588 Fax: +44(0)1536 400211 Email: sales@marlec.co.uk
www.marlec.co.uk