

# Whitecroft Lighting



## Sirocco LED

## ‘Dual Power’ Energy Saving Feature

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## Sirocco LED – ‘Dual-Power’



### Benefits of using ‘Dual Power’ Lighting Control

Through operating LED luminaires at a reduced light output during quiet hours of the night, significant energy and cost savings are possible whilst maintaining a safe lighting level.

#### Energy

- Reduced environmental impact
- Reduced energy costs

#### Maintenance

Lower operating costs due to:

- Extended LED life
- Reduced maintenance visits
- Pre-programmed, no site commissioning



Sirocco Flood



Sirocco Park

# Whitecroft Lighting

## Sirocco LED – ‘Dual-Power’



- Integrated energy saving feature
- Factory pre-set with no site commissioning required
- 50% reduced light output for 7 hours duration
- First 3 nights at full output to calculate operating times
- Calculates ‘virtual midnight’ ie. mid-point between switch on and off
- Reduced output 3 hours before and 4 hours after virtual midnight



■ Saving  
■ Light Output

### Example

On – 7pm Off – 7am

Virtual midnight – 1am

50% from 10pm to 5am

Over a 12 hour period:

- 7 hours at 50%
- 5 hours at 100%
- Equates to 8.5 hours
- Saving of 30%