

Sirocco with Dual Power - Key Benefits



By operating Sirocco Midi or Maxi 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.

The key benefits of Dual Power are:

Reduced energy consumption:

- Lower environmental impact
- Reduced annual energy costs

Lower operating costs due to extended component lifetime:

- Reduced frequency of maintenance visits

Simple installation

- Pre-programmed feature with no on-site commissioning required
- No DALI cables required



Sirocco with Dual Power – In Operation



- Factory pre-set with no on-site commissioning required
- 50% reduced light output for 7 hours duration
- First 3 nights run at full output to calculate nightly operating times
- Calculates 'virtual midnight' ie. mid-point between switching on and off
- Reduced output 3 hours before and 4 hours after virtual midnight



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%
- Greater savings during winter months