



ELECTRONICS

OASIS 2000 RF1

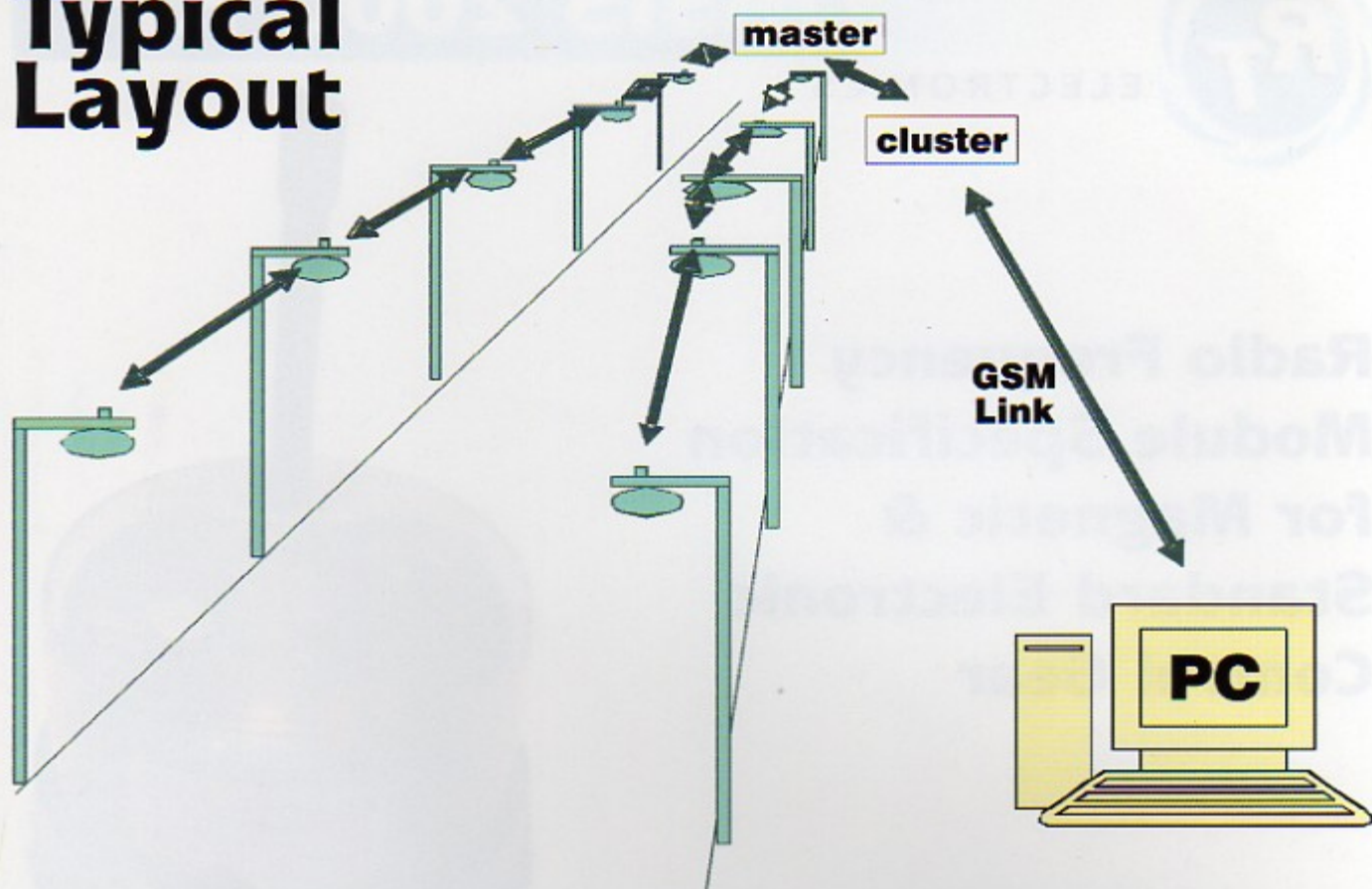
Radio Frequency Module Specification for Magnetic & Standard Electronic Control Gear



Technical Specification

Description	OASIS 2000 RF1
Sensor - silicon photodiode	Filtered
Sensor Drift	Zero over 10 years
Voltage	220 - 270 VAC
Maximum Lamp Load 3 x 400W HPS 10A	●
Switching Cycles	40,000
Power Consumption	0.35 Watt
Operating Temperature	-20°C to +80°C
Surge Protection	160 Joule Metal Oxide Varistor
Optical Performance of Stated Switching Levels	+/- 10%
Synchronous Switching	●
Complies to - EMC-ETSI Norm ETS 300-220 Test Band Frequency	●
Cos-Phi Measurement (power factor)	●
Addressable Unit	●
Details Lamp on-off Status	●
Part Night Lighting Facility	●
Lamp Cycling Detection	●
Total Lamp Burning Hours	●
Nema Socket or Hard Wired	●
Guarantee	6 years

Typical Layout



CLUSTER CONTROL SPECIFICATION

- Practical number of units is 500 per cluster
- Guarantee 12 months from installation (annual service contract available)
- Host communications is via GSM or direct link
- GSM modem and Ariel is provided within the CLC
- CLC is password protected to prevent unauthorised access
- Master RFM is provide with the CLC including cabling
- Dimensions: 450mm x 350mm x 150mm
- Power consumption 0.5W
- IP65 lockable enclosure
- Battery backup in case of power failure
- Door open alarm indicator
- Single phase supply required

INSTALLATION SPECIFICATION

- Host Computer or Laptop
- Windows 95/98 NT Windows 2000
- Office 97 Professional Full Version
- Modem
- GSM Sim Card 900 version
- Data/Fax and Phone Numbers for Data sending
- Auto Cad site drawings to include House and tree locations where possible
- ID lamp column, Sign & Bollard in Excel spread sheet form

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