

**Graham Nicolls Limited**

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TO: Planning Department  
Arun District Council  
Civic Centre  
Maltravers Road  
Littlehampton

12. 01. 2015

### **STREET LIGHTING STATEMENT**

The Old Dairy. Church Street. Littlehampton. Sussex  
Proposed residential re-development

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1.01 DOMESTIC: Individual porch light to each dwelling.

1.02 STREET: See site plan for location of street lights and attached technical sheet relating to type proposed. Basic details as follows:

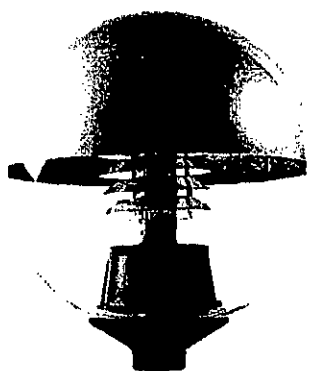
Fitting: Gemma Jaguar 24 500 diameter globe, mounted on 4M. black poles.

Cowls: Black, see illustration.

Lamps: Low energy LED lamps, see technical sheet for details.

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## Jaguar 24



### Features

- Effective light distribution.
- Achieves energy savings of up to 75% in comparison to traditional solutions.
- Low CO2 emissions.
- Low maintenance.
- Long life span > 100,000hrs.
- High Quality - UK Made.

|                           | AC                               | DC                               |
|---------------------------|----------------------------------|----------------------------------|
| Product Code (silver top) | JG24-A001                        | JG24-D001                        |
| Product Code (black top)  | JG24-A014                        | JG24-D014                        |
| Power Consumption LED's   | 27.36 Watts                      | 27.36 Watts                      |
| Power Consumption Driver  | 4.5 Watts                        | N/A                              |
| Total Power Consumption   | 31.86 Watts                      | 27.36 Watts                      |
| Input Voltage             | 90 - 264Vac                      | 12 - 24 VDC                      |
| Input Frequency           | 47 - 63Hz                        | N/A                              |
| Light Source              | 1.14 W High Power LED            | 1.14 W High Power LED            |
| LED QTY                   | 24                               | 24                               |
| Total LED Output          | 2640 lm                          | 2640 lm                          |
| Efficiency (Typ.)         | 85%                              | 85%                              |
| LED Colour                | Cool White                       | Cool White                       |
| Colour Temp (K)           | 5400 - 6300 K (Standard)         | 5400 - 6300 K (Standard)         |
| CRI                       | Ra > 70                          | Ra > 70                          |
| LED Lifespan              | 100,000 Hours                    | 100,000 Hours                    |
| Operating Temperature     | -30C to + 50C                    | -30C to + 50C                    |
| Working Humidity          | 0 - 95%                          | 0 - 95%                          |
| Turn on time              | 100ms                            | 100ms                            |
| Product Size (mm)         | Ø 500mm                          | Ø 500mm                          |
| Unit colour               | Capped sphere in silver or black | Capped sphere in silver or black |
| Net Weight                | 6 Kg                             | 6 Kg                             |
| Mounting                  | 76mm dia column spigot           | 76mm dia column spigot           |
| Protection Rate           | IP65                             | IP65                             |
| Certification             | RoHS, CE                         | RoHS, CE                         |
| Warranty                  | 3 Years                          | 3 Years                          |

### Clients that love us

"Through Gemma's quality service we have achieved a significant reduction in our energy bills and carbon emissions. All staff at the factory have noticed a great improvement in the lighting and feel the benefit of a better working environment. We are looking forward to working with Gemma Lighting on further projects."

Mr David Sharp, Premier vegetables - Lincolnshire

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