

# Lismore Homes

## Baldoyle



### **Electrical Luminaire Schedule**

Project Number 21\_D068

Preliminary issue

November 2021

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## Electrical Luminaire Schedule

21\_D068

| CURRENT ISSUE |             |               |                                |
|---------------|-------------|---------------|--------------------------------|
| Issue No:     | 1           | Issue Date:   | 19 <sup>th</sup> November 2021 |
| Sign Off      | Originator: | Checker:      | Reason For Issue:              |
| Print Name:   | Murilo Dias | Peter Farrell | Preliminary issue              |

| PREVIOUS ISSUES (Type Names) |       |             |          |                   |
|------------------------------|-------|-------------|----------|-------------------|
| Issue No:                    | Date: | Originator: | Checker: | Reason For Issue: |
|                              |       |             |          |                   |
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## 1. NOTES

1. LED luminaire tested in accordance with IESNA LM-79-08, IES approval method "Electrical and photometric measurement of solid state lighting products".
2. LED Luminaire tested in accordance with IESNA LM-80-08, IES Approval method "Measuring Lumen Maintenance of light emitting diode light sources". The contractor shall provide a result certificate.
3. LED luminaire life extrapolated in accordance with IESNA TM-21-11, IES approved method.
4. Product specification sheet presented in accordance with IEC/PAS 62722 performance requirements, LED modules for general lighting and IEC/PAS performance requirements, LED luminaires for general lighting.
5. State the luminaire photometric code, as defined within IEC/PAS 62722 and IEC/PAS 62717, where the six digit code displays the important "quality of light" parameters of an LED luminaire. It shall state initial CRI, initial CCT, Initial and maintained colour variations and lumen depreciation code. The contractor shall provide a lumen depreciation curve.
6. The Contractor to include for changes in RAL Colour for all light fittings. Colors to be agreed with Architect.
7. The Contractor to include for all suspension wires, brackets, fixings for all fittings.
8. Colour rendering index not less than Ra70
9. All lamps shall be LED High Efficiency type.
10. The photometric data on all luminaires / lamps must have been measured and tested in accordance with EN 13032.
11. All luminaires shall meet CE marked as required by the specific EU directive(s).
12. All LEDs within luminaires shall be tested in accordance with 'IESNA LM-80-80.

## 2. ELECTRICAL INSTALLATION.

### 2.1. Light Fittings

|                           |  |   |
|---------------------------|--|---|
| <b>Product Name</b>       | <b>AXIA 2.1 OSLON SQUARE GIANT</b>   |  |
| <b>Manufacturer</b>       | Schreder   |   |
| <b>Preferred Supplier</b> | Schreder   |   |
| <b>Product Number</b>     | WW 727 230V 00-36-981 434262   |   |
| <b>Reference</b>          | EX1  |   |
| <b>Location</b>           | Street Lighting  |   |
| <b>Dimension</b>          | 650x132x250 mm<br>6.7 kg   |   |
| <b>Electrical</b>         | Colour temp.: 4000k<br>LED: L80/50000h<br>Protection: IP66<br>Efficiency: 134lm/W<br>Power: 68W/m<br>Voltage: 230V |   |
| <b>Notes</b>              | COLUMN MOUNTED FLOOR LIGHTING<br>8 METRES HIGH WITH 1 METRE OUTREACH<br>BRACKET                                    |   |

|                           |   |   |
|---------------------------|---|---|
| <b>Product Name</b>       | <b>SPRINTER MINI.LED 740</b>  |  |
| <b>Manufacturer</b>       | ES-SYSTEM   |   |
| <b>Preferred Supplier</b> | ES-SYSTEM   |   |
| <b>Product Number</b>     | 3805100IM   |   |
| <b>Reference</b>          | EX2   |   |
| <b>Location</b>           | Landscape, walkways   |   |
| <b>Dimension</b>          | H: 120mm, W: 240mm, L: 580mm  |   |
| <b>Electrical</b>         | Colour temp.: 4000k<br>LED: L80/100000h<br>Protection: IP66<br>Efficiency: 131lm/W<br>Power: 18W/m<br>Voltage: 230V |   |
| <b>Notes</b>              | COLUMN MOUNTED FLOOR LIGHTING<br>4 METRES HIGH  |   |

|                           |  |  |
|---------------------------|--|--|
| <b>Product Name</b>       | <b>POSTE 3</b>   |  |
| <b>Manufacturer</b>       | ES-SYSTEM  |  |
| <b>Preferred Supplier</b> | ES-SYSTEM  |  |
| <b>Product Number</b>     | 5179906  |  |
| <b>Reference</b>          | EX3  |  |
| <b>Location</b>           | Near building entrances  |  |
| <b>Dimension</b>          | Height: 1000mm, Diameter: 168mm  |  |
| <b>Electrical</b>         | Colour temp.: 4000k<br>LED: L80/50000h<br>Protection: IP66 – IK08<br>Efficiency: 81lm/W<br>Power: 27W/m<br>Voltage: 230V |  |
| <b>Notes</b>              |  |  |

|                           |   |
|---------------------------|---|
| <b>Product Name</b>       | <b>URAN 10 LED</b>  |
| <b>Manufacturer</b>       | ES-SYSTEM   |
| <b>Preferred Supplier</b> | ES-SYSTEM   |
| <b>Product Number</b>     | 5988130   |
| <b>Reference</b>          | EX4   |
| <b>Location</b>           | below trees   |
| <b>Dimension</b>          | Height: 158mm, Diameter: 126mm  |
| <b>Electrical</b>         | Colour temp.: 4000k<br>LED: L80/50000h<br>Protection: IP67 – IK08<br>Efficiency: 83lm/W<br>Power: 4W/m<br>Voltage: 230V |
| <b>Notes</b>              |   |



|                           |   |
|---------------------------|---|
| <b>Product Name</b>       | <b>URAN 10 LED</b>  |
| <b>Manufacturer</b>       | ES-SYSTEM   |
| <b>Preferred Supplier</b> | ES-SYSTEM   |
| <b>Product Number</b>     | 5988130   |
| <b>Reference</b>          | EX5   |
| <b>Location</b>           | below trees   |
| <b>Dimension</b>          | Height: 158mm, Diameter: 126mm  |
| <b>Electrical</b>         | Colour temp.: 4000k<br>LED: L80/50000h<br>Protection: IP67 – IK08<br>Efficiency: 83lm/W<br>Power: 4W/m<br>Voltage: 230V |
| <b>Notes</b>              |   |



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