

# DETAIL LOPRO

Fixed

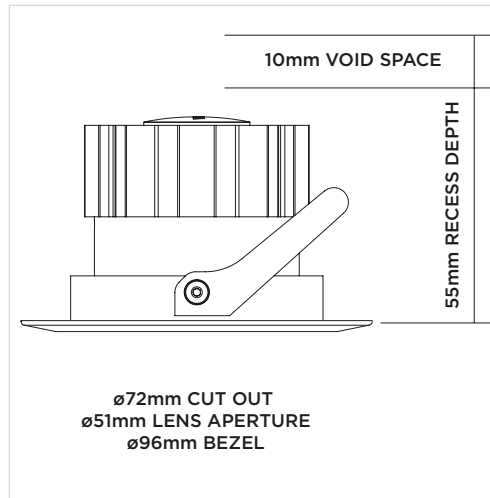
# ORLUNA®

Project Reference: \_\_\_\_\_

Product Reference: \_\_\_\_\_

### Luminaire Details

|              |                            |
|--------------|----------------------------|
| Fitting Type | Fixed Downlight            |
| IP Rating    | IP54 / IP65                |
| Warranty     | 5 Years                    |
| Class        | III                        |
| IP Zone      | Zone 1                     |
| Standards    | CE, BS EN 60598            |
| Material     | Aluminium ADC12            |
| Cable type   | 2 Core 0.75mm <sup>2</sup> |
| Cable Length | 300mm                      |
| Bezel Temp   | F Rated                    |



### Features & Benefits

- 98CRI R9 99
- Ultra low profile
- Low glare
- Change accessories from the front

|                    |                    |
|--------------------|--------------------|
| <b>2700K</b>       | <b>3000K</b>       |
| <b>LOPRO 98CRI</b> | <b>LOPRO 98CRI</b> |

| LIGHT VALUES                     | NARROW           | MEDIUM     | WIDE       | NARROW           | MEDIUM     | WIDE       |
|----------------------------------|------------------|------------|------------|------------------|------------|------------|
| <b>Beam Width FWHM</b>           | <b>18°</b>       | <b>21°</b> | <b>35°</b> | <b>18°</b>       | <b>21°</b> | <b>35°</b> |
| Initial Lumens*                  | 1055             | 1055       | 1055       | 1057             | 1057       | 1057       |
| Engine Lumens*                   | 791              | 799        | 814        | 827              | 813        | 832        |
| <small>*(Tc 85°C, +/-7%)</small> |                  |            |            |                  |            |            |
| Engine Lm/W                      | 68               | 69         | 70         | 71               | 70         | 72         |
| Luminaire Cd                     | 3992             | 3170       | 1266       | 4027             | 3307       | 1296       |
| Binning SDCM (Hot)               | 2                |            |            | 2                |            |            |
| DUV                              | 0.001            |            |            | 0.001            |            |            |
| CRI (typ)(R9)                    | <b>98 (98)</b>   |            |            | <b>98 (99)</b>   |            |            |
| TM30 Rf Rg                       | Rf 94 Rg 100     |            |            | Rf 94 Rg 101     |            |            |
| Lifetime (ambient)               | L90 B5 50,000hrs |            |            | L90 B5 50,000hrs |            |            |

*For full test data, see Luminaire Photometric Reports at [orluna.com/downloads](http://orluna.com/downloads)*

### LUMINAIRE POWER

|                     |       |       |
|---------------------|-------|-------|
| Voltage             | 34v   | 34v   |
| Drive Current       | 300mA | 300mA |
| Circuit Power (typ) | 11.6W | 11.6W |

### DRIVER

|                       |                                    |
|-----------------------|------------------------------------|
| Protocols             | Mains Dim / DALI / 0-10V / Non-dim |
| Dim to Dark           | 0.1% Lux                           |
| Distance from product | 20m (series wiring)                |
| Emergency             | Emergency packs available          |

### Specification Code

|             |           |  |  |                                      |  |   |  |
|-------------|-----------|--|--|--------------------------------------|--|---|--|
| Engine type | Bezel     | Colour Temp                            | Driver   | Beam Width                           | Bezel Colour   | Baffle Colour   | Options  |
| <b>LO</b>   | <b>DF</b> | <b>27</b>                              | <b>M</b>   | <b>N</b>                             | <b>W</b>   | <b>BB</b>   | <b>F 54 E</b>  |
|             |           | 27 / 2700K<br>30 / 3000K<br>40 / 4000K | M / Mains Dim<br>D / DALI<br>O / 0-10v<br>N / Non Dim<br>X / No Driver | N / Narrow<br>M / Medium<br>W / Wide | W / White RAL 9010<br>D / White RAL 9003<br>E / White RAL 9016<br>B / Black RAL 9005<br>F / Antique Brass<br>G / Polished Brass<br>J / Antique Bronze<br>K / Brushed Chrome<br>L / Polished Chrome<br>H / Antique Copper<br>I / Polished Copper<br>C / Other RAL | BB / Black<br>WB / White RAL<br>9010<br>GB / Gold<br>CB / Other RAL | F / Fire Rated<br>54 / IP54<br>65 / IP65<br>P / Sea & Spa<br>C / Constant Torsion<br>E / 3hr Emergency<br>H / Honeycomb<br>S / Spreader Lens<br>N / Frosted Lens<br>Z / LSZH Cable |