

**PRODUCT DATA SHEET**

Areto G2 1920lm 827/830 20W 1200mm DALI WH w/socket

Art.no: 101337-01-3-ddd

*Lighting Solutions*

## Areto G2 1920lm 827/830 20W 1200mm DALI WH w/socket

**ELECTRICAL DATA**

|                           |                     |
|---------------------------|---------------------|
| Protection Class (system) | 1                   |
| Dimming (system)          | Depending on Driver |
| Voltage (system) [V]      | 230V 50Hz           |

**TECHNICAL DATA**

|                            |          |
|----------------------------|----------|
| IK (system)                | IK06     |
| IP (system)                | IP20     |
| IP Front/Back (system)     | IP20/20  |
| Outdoor                    | No       |
| Operating temperature (°C) | -20 - 45 |

**PHOTOMETRIC DATA**

|                          |     |
|--------------------------|-----|
| Efficacy (system) (lm/W) | 120 |
|--------------------------|-----|

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| PHOTOMETRIC DATA                        |                 |
|-----------------------------------------|-----------------|
| CRI / Ra ( $\geq$ )                     | 80              |
| CCT (Color Temperature) (K)             | 3000            |
| Color Code                              | 830             |
| Lightsource Type                        | LED (built in)  |
| Socket / Cap-Base                       | N/A             |
| Lens (Diffuser)                         | Frosted         |
| Lifetime (h)                            | L80B50: 100 000 |
| MacAdam (SDCM)                          | 3               |
| Forward Current LED (min-max) (mA)      | 150 - 150       |
| Forward Voltage LED (max $t_p=25$ ) (V) | 3.1             |
| Driftspenning LED (min $t_p=65$ ) (V)   | 2.9             |

| DRIVER                             |                         |
|------------------------------------|-------------------------|
| Manufacturer (driver)              | Up-Shine                |
| Protection Class (driver)          | 1                       |
| Standby power $P_{sb}$ (W) <       | 0.5                     |
| Flicker metric ( $P_{st}$ LM) <    | 1.0                     |
| Stroboscopic effect metric (SVM) < | 0.4                     |
| Max Output Voltage (V)             | 40                      |
| Dimming Phasecut Type              | Leading / Trailing edge |
| Dimming output type                | Amplitude Modulation    |
| IP (driver)                        | IP20                    |
| Expected Lifetime (driver) (h)     | 50000                   |
| Flicker-free                       | Yes                     |
| CV (driver) [V]                    | 35                      |
| Max load pr circuit - B10          | 48                      |
| Max load pr circuit - B16          | 76                      |
| Max load pr circuit - C10          | 48                      |
| Max load pr circuit - C16          | 76                      |
| Max load pr circuit - C20          | 95                      |
| Inrush current time ( $\mu s$ )    | 360.0                   |
| Inrush current $I_{max}$ (A)       | 8.2                     |

| DIMENSIONS            |        |
|-----------------------|--------|
| Length (product) (mm) | 1200.0 |

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| DIMENSIONS            |      |
|-----------------------|------|
| Width (product) (mm)  | 72.0 |
| Height (product) (mm) | 43.0 |
| Weight (product) (kg) | 2.6  |

| MATERIALS AND SURFACES |               |
|------------------------|---------------|
| Color                  | White         |
| RAL Code               | RAL9016       |
| Housing Material       | Metal         |
| Diffuser Material      | Polycarbonate |

| INSTALLATION AND CONNECTION |                           |
|-----------------------------|---------------------------|
| Areas of use                | Kitchen                   |
| Mounting                    | Surface, Furniture, Bench |
| Connection (system)         | Terminal                  |

| ENERGY AND CERTIFICATIONS |     |
|---------------------------|-----|
| Energy Class EPREL        | E   |
| CE mark                   | Yes |