



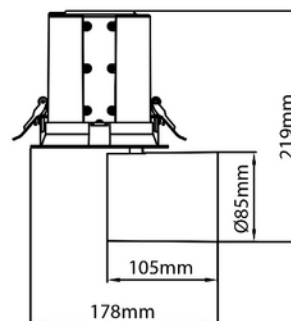
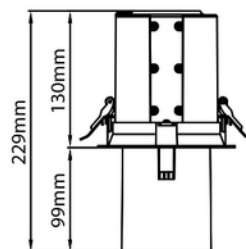
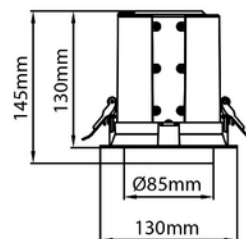
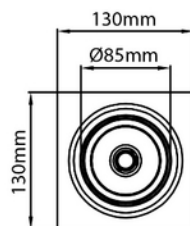
## PRODUCT DATA SHEET

Aram Maxi Single Square 3550lm 930 30° 28W WH 18i3

Art.no: 40831-7-30-3



Lighting Solutions



## Aram Maxi Single Square 3550lm 930 30° 28W WH 18i3



A<sup>+</sup>

Aram Maxi Single Square is a modern and efficient recessed downlight developed for projects with high demands for performance, flexibility, and precise light control. The luminaire is made from solid die-cast aluminum and combines a clean, contemporary design with advanced lighting technology.

The downlight is available with multiple color temperatures and high color rendering (CRI >90), ensuring natural color reproduction and a comfortable lighting environment. For enhanced control, the luminaire can be equipped with honeycomb filters and color filters.

With passive cooling technology, tempered glass, and high color consistency (<3 SDCM), Aram Maxi Single Square is a reliable and high-quality solution for professional lighting applications.

### ELECTRICAL DATA

|                           |           |
|---------------------------|-----------|
| Protection Class (system) | 2         |
| Dimming (system)          | None      |
| Voltage (system) [V]      | 230V 50Hz |

### TECHNICAL DATA

|             |      |
|-------------|------|
| IP (system) | IP20 |
|-------------|------|

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| TECHNICAL DATA             |          |
|----------------------------|----------|
| Outdoor                    | No       |
| Operating temperature (°C) | -20 - 50 |

| PHOTOMETRIC DATA                    |                |
|-------------------------------------|----------------|
| Efficacy (system) (lm/W)            | 108            |
| CRI / Ra (>=)                       | 80             |
| CCT (Color Temperature) (K)         | 3000           |
| Color Code                          | 830            |
| Lightsource Type                    | LED (built in) |
| Lens (Diffuser)                     | Clear          |
| Lifetime (h)                        | L80B10: 50.000 |
| MacAdam (SDCM)                      | 3              |
| Manufacturer (light source)         | Tridonic       |
| Forward Current LED (min-max) (mA)  | null - 1540    |
| Forward Voltage LED (max tp=25) (V) | 38.7           |
| Driftspenning LED (min tp=65) (V)   | 29.3           |

| DRIVER                                 |             |
|----------------------------------------|-------------|
| Manufacturer (driver)                  | Tridonic    |
| Protection Class (driver)              | 1 or 2      |
| Flicker metric (Pst LM) <              | 1.0         |
| Stroboscopic effect metric (SVM) <     | 0.4         |
| Max Output Voltage (V)                 | 60          |
| Dimming (driver)                       | None        |
| IP (driver)                            | IP20        |
| Expected Lifetime (driver) (h)         | 100000      |
| Constant current or voltage (CC or CV) | CC          |
| CC (driver) [mA]                       | 500 - 800   |
| CC (forward voltage driver) (V)        | 25.0 - 44.0 |
| Output Current Tolerance (%)           | 7.5         |
| Current Ripple (%)                     | 5.0         |
| Max load pr circuit - B10              | 14          |
| Max load pr circuit - B16              | 24          |
| Max load pr circuit - C10              | 24          |
| Max load pr circuit - C16              | 40          |

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| DRIVER                              |       |
|-------------------------------------|-------|
| Inrush current time ( $\mu$ s)      | 200.0 |
| Inrush current I <sub>max</sub> (A) | 25.0  |

| DIMENSIONS            |       |
|-----------------------|-------|
| Length (product) (mm) | 130.0 |
| Width (product) (mm)  | 130.0 |
| Height (product) (mm) | 145.0 |
| Weight (product) (kg) | 1.3   |

| MATERIALS AND SURFACES |       |
|------------------------|-------|
| Color                  | White |

| INSTALLATION AND CONNECTION |                                                            |
|-----------------------------|------------------------------------------------------------|
| Areas of use                | Cafe, Hotel, Open access areas, Restaurant, Shop, Showroom |
| Mounting                    | Recessed                                                   |
| Connection (system)         | 18i3 Quick connection                                      |

| ENERGY AND CERTIFICATIONS |     |
|---------------------------|-----|
| CE mark                   | Yes |
| Energy Efficiency Class   | A+  |