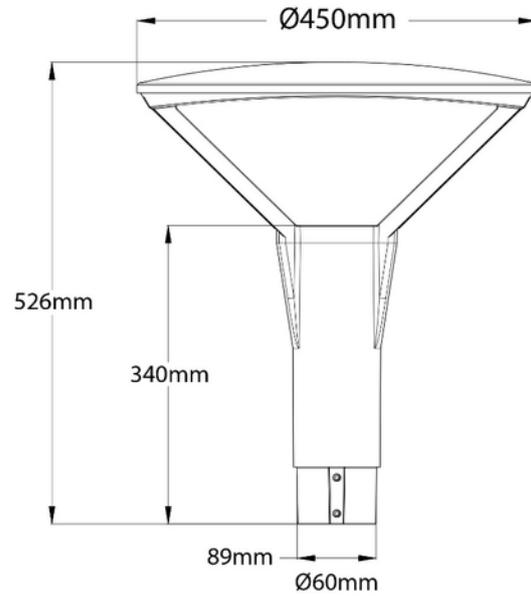


**PRODUCT DATA SHEET**

Theros 3700lm 830 31W GR Ø60mm IP66 5m cable

Art.no: 101190-01-1

*Lighting Solutions*

Theros 3700lm 830 31W GR Ø60mm IP66 5m cable



| ELECTRICAL DATA | |
|---------------------------|-----------|
| Protection Class (system) | 1 |
| Dimming (system) | None |
| Voltage (system) [V] | 230V 50Hz |

| TECHNICAL DATA | |
|--|----------|
| IK (system) | IK08 |
| IP (system) | IP66 |
| Outdoor | Yes |
| Operating temperature (°C) | -30 - 50 |
| Wind force (EPA) (m ²) at 0° | 0.52 |

| PHOTOMETRIC DATA | |
|--------------------------|-----|
| Efficacy (system) (lm/W) | 119 |

**PRODUCT DATA SHEET**

Theros 3700lm 830 31W GR Ø60mm IP66 5m cable

Art.no: 101190-01-1

*Lighting Solutions*

| PHOTOMETRIC DATA | |
|-----------------------------|-----------------|
| CRI / Ra (>=) | 80 |
| CCT (Color Temperature) (K) | 3000 |
| Color Code | 830 |
| Socket / Cap-Base | N/A |
| Lifetime (h) | L80B10: 100 000 |
| Manufacturer (light source) | Seoul |

| DRIVER | |
|--|--------------------------|
| Manufacturer (driver) | Sosen |
| Protection Class (driver) | 1 |
| Standby power P _{sb} (W) < | 0.5 |
| Flicker metric (P _{st} LM) < | 0.028 |
| Stroboscopic effect metric (SVM) < | 0.007 |
| Max Output Voltage (V) | 56 |
| Dimming (driver) | None |
| IP (driver) | IP67 |
| Expected Lifetime (driver) (h) | 100000 |
| Constant current or voltage (CC or CV) | CC |
| CC (driver) [mA] | 450 - 950 |
| Current setting (driver) | None |
| CC (forward voltage driver) (V) | 32.0 - 54.0 |
| Surge Protection | L-N = 6KV, L/N-PE = 10KV |
| Output Current Tolerance (%) | 5.0 |
| Current Ripple (%) | 5.0 |
| Max load pr circuit - B10 | 10 |
| Max load pr circuit - B16 | 16 |
| Max load pr circuit - C10 | 17 |
| Max load pr circuit - C16 | 28 |
| Max load pr circuit - C20 | 35 |
| Max load pr circuit - C25 | 43 |
| Max load pr circuit - C32 | 112 |
| Leakage current (mA) | 0.75 |
| Inrush current time (µs) | 200.0 |
| Inrush current I _{max} (A) | 40.0 |

**PRODUCT DATA SHEET**

Theros 3700lm 830 31W GR Ø60mm IP66 5m cable

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*Lighting Solutions*

| DIMENSIONS | |
|-------------------------|-------|
| Height (product) (mm) | 526.0 |
| Weight (product) (kg) | 7.1 |
| Diameter (product) (mm) | 450.0 |

| MATERIALS AND SURFACES | |
|------------------------|-----------|
| Color | Grey |
| RAL Code | RAL7022 |
| Corrosion Class | C3 |
| Housing Material | Aluminium |

| INSTALLATION AND CONNECTION | |
|-----------------------------|---------------|
| Areas of use | Outdoor, Park |
| Mounting | Mast |
| Connection (system) | Cable 5m |

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

LIGHT DISTRIBUTION