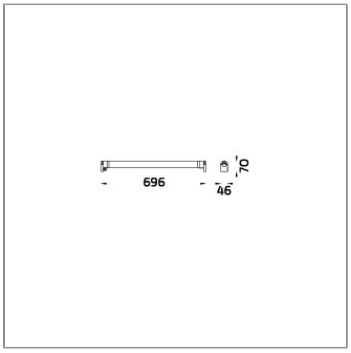
# SIRIUS

## SIRIUS 600

### LINEAR LIGHT | UNDERWATER LIGHT

LAST UPDATE: 14-11-2025

SIRIUS a brand new linear light family features various mounting application types including in-ground walk over, wall mounted, ceiling mounted, suspension and even permanently submersion stage. SIRIUS utilized the latest LED technology from world renowned manufactures with the choices of multiple light distributions. It offered narrow beam, medium beam, wide beam, asymmetric wall washer, wash glazing, bi-symmetric and much more. Thanks to a screw-less, clear and clean-cut design SIRIUS can be installed in most application where a decent architectural expression is required. Diversity types of connecting accessory is available for this linear light family.




## Technical Data

IP68

| | |
|---|---|
| Ordering Code : | 7420-B-2-551-91 |
| Lamp : | LED |
| Beam : | 25° |
| CCT : | 2700 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1900 lm |
| Luminaire Lumen : | 1360 lm |
| Lamp Wattage : | 15 W(24Vdc) |
| Luminaire Wattage : | 15 W |
| Efficacy : | 90 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | Remote |
| Input Voltage : | 24Vdc |
| Net Weight : | 2.20 kg. |

### Ordering code guide

B D
XXXX-X-X-XXX-XX
A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC Icon definition

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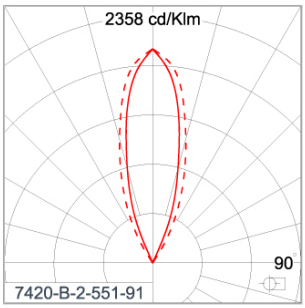
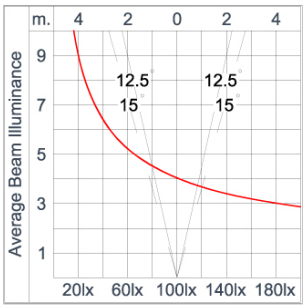
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-18 Luminaires for Swimming Pools |
| Protection | IP68 Class III |
| Luminaires Body Housing | Supreme corrosion proof Under Water grade Stainless Steel. |
| | Extruded PC body component. |
| Diffuser | Self-extinguishing high impact resistant clear polycarbonate diffuser with UV stabilized additive. |
| Lens | Molded PC lens from renowned manufacturers in various light distribution patterns. |
| Adjustable Optic | Adjustable aiming unit through graduated scale. |
| Gasket | Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C. |
| External Screws | Marine grade 316 stainless steel screw. |
| Cable Entry | Cable entry protected by M12 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 4-7mm. diameter. |
| Led | High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material. |
| Driver | Driver is not included and has to be ordered separately. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| Pre-Wire Cable | Pre-wired with 2x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved. |
| | Equipped with anti-humidity kit. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| | To avoid over-heating, this luminaire has to use under water only. |

## Light Distribution

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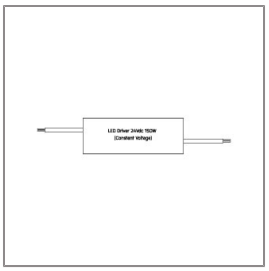
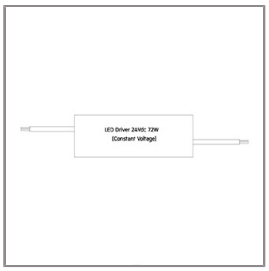
## Accessories

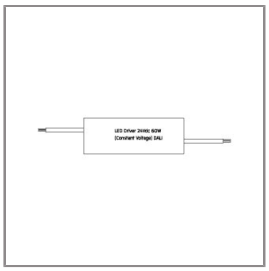


Ordering Code:
AUN-DRG-0011-00
LED constant voltage driver, 24VDC, 150W

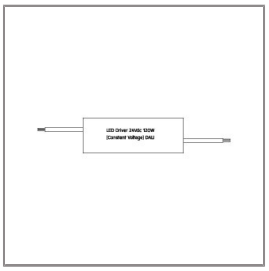
Ordering Code:
AUN-CON-0003-00
IP68 Connector, cable diameter 8-10mm, gel-filled for through wiring



Ordering Code:
AUN-DRG-0027-00
LED constant voltage driver, 24VDC, 72W



Ordering Code:
AUN-DRG-0100-00
LED constant voltage driver, 24VDC, 60W, DALI



Ordering Code:
AUN-DRG-0101-00
LED constant voltage driver, 24VDC, 120W, DALI

Ordering Code:
AUN-DRG-0126-00
LED constant current driver, 250mA, 12W, with IP67 GFR polymer enclosure, On-Off, BLACK

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