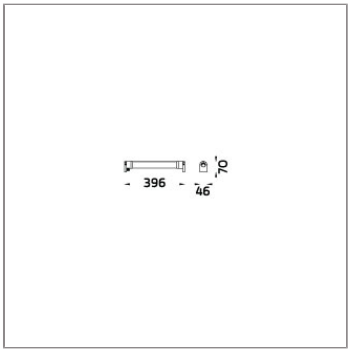
SIRIUS

SIRIUS 300

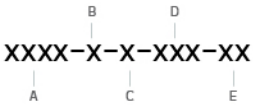
LINEAR LIGHT | UNDERWATER LIGHT

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.



Ordering code guide



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

IK BODY OPTIC Icon definition

Technical Data

IP68

Ordering Code :	7422-C-2-551-91
Lamp :	LED
Beam :	46°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	950 lm
Luminaire Lumen :	800 lm
Lamp Wattage :	7.3 W(24Vdc)
Luminaire Wattage :	7.3 W
Efficacy :	109 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	Remote
Input Voltage :	24Vdc
Net Weight :	1.80 kg.

*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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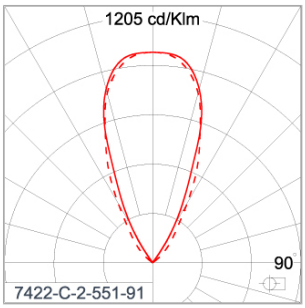
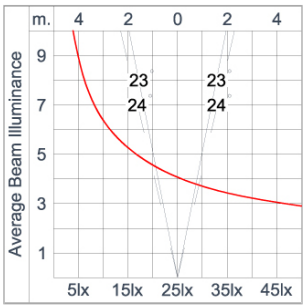
Specification

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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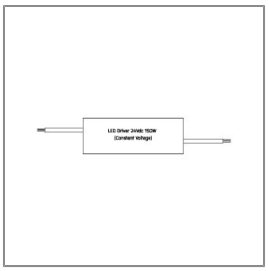
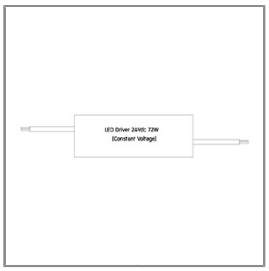
Accessories



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

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