VOLGA

VOLGA/1 – CV GROUND / CONCRETE WALL RECESS
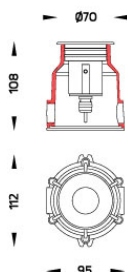
INGROUND LIGHT

VOLGA is a family of robust marine grade stainless steel luminaires suitable for underwater and ground and well recessed mounting. It utilizes high power LED in available with different color temperatures. The high quality optical lenses offering beams from ultra-narrow to wide and asymmetric light distributions. VOLGA is a perfect choice to illuminate swimming pools, decorative pools and fountains and narrow columns. The luminaire is supplied with pre-wired cable, anti-humidity kit and is fully sealed from the factory. The underwater version must be operated submersed in water at all time in order to prevent over-heating of the luminaire. VOLGA inground and wall recessed is suitable for in air operation. The marine grade 316 stainless steel body guarantees corrosion free appearance throughout the lifetime. We highly recommend that the luminaire lay out should be considered during specifying and planning processes. Installation work must be carried out under national safety regulations.

Ordering code guide

XXXX–X–X–XXX–XX

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

IK BODY OPTIC — Icon definition

Technical Data

CE		IP68

Ordering Code :	9007-A-2-431-91
Lamp :	LED
Beam :	10°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	390 lm
Luminaire Lumen :	290 lm
Lamp Wattage :	3.3 W(24Vdc)
Luminaire Wattage :	3.3 W
Efficacy :	87 lm/W
Ambient Temperature :	35°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	Remote
Input Voltage :	24Vdc
Net Weight :	– kg.

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Unilamp

Specification

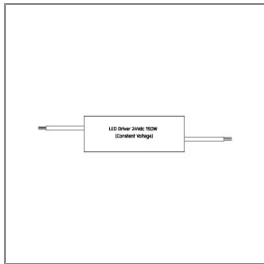|	
IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-13 Ground Recessed Luminaires
Protection	IP68 Class III
Luminaires Body Housing	Supreme corrosion proof Under Water grade Stainless Steel.
	Recessed housing made of GFR polymer.
	Luminaire withstands a maximum static load of 500 kg.
Diffuser	Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. Glass flushes to the front cover, no accumulation of dust and water.
Lens	Molded PC lens from renowned manufacturers in various light distribution patterns.
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by M12 cable gland. To be used with H05RN-F/ H07RN-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. H05RN-F neoprene cable. IMQ approved.
Caution	Installation work has to be carried on according to the enclosed installation manual.
	The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Light Distribution
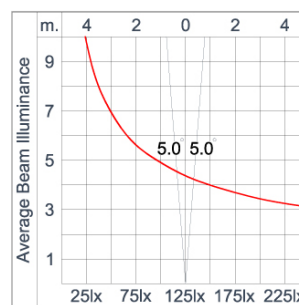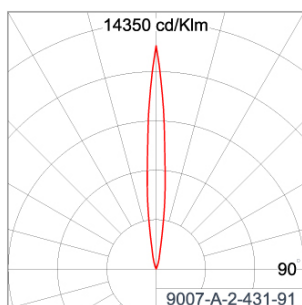
14350 cd/Klm

90

9007-A-2-431-91

m.   4   2   0   2   4

Average Beam Illuminance

9
7
5
3
1

5.0 5.0

25lx 75lx 125lx 175lx 225lx

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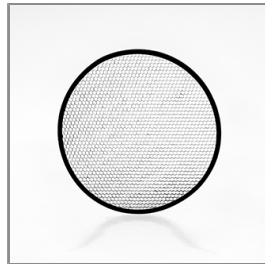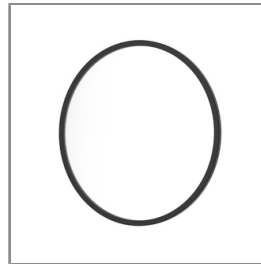
Accessories

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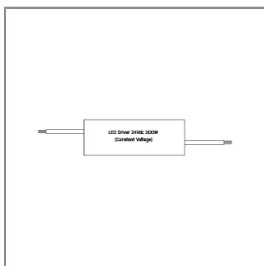driver, 24VDC, 150W

Ordering Code:
AUN-GSH-0017-00
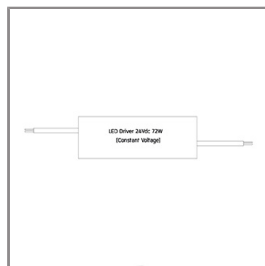Honeycomb louver, LED,
pre-assembly from factory

Ordering Code:
AUN-SOF-0029-00
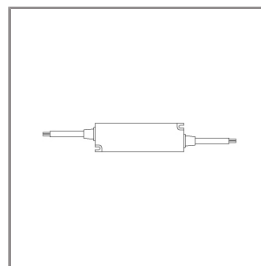Softening filter, LED,
pre-assembly from factory

Ordering Code:
AUN-CON-0024-00
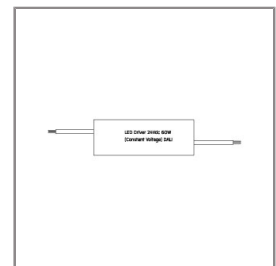IP68 Connector, cable
diameter 4.8-6mm,
gel-filled

Ordering Code:
AUN-DRG-0024-00
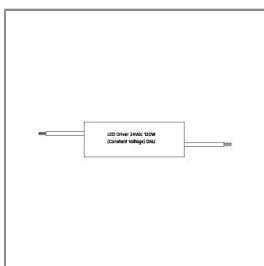LED constant voltage
driver, 24VDC, 200W

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

Ordering Code:
AUN-DRG-0118-00
LED constant voltage
driver, 24VDC, 30W

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