VAREE

VAREE WALL RECESS

UNDER WATER SPOTLIGHT

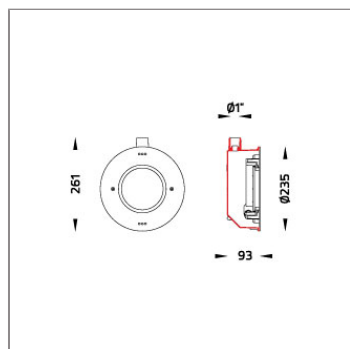**Unilamp**

DALI RGBW · DMX RGBW

VAREE A family of LED underwater luminaires that is suitable to be installed on the ground, recess in a concrete wall or surface mounted. Operating with high lumen output LED from 2700K, 3000K, 4000K and RGBW with high CRI in 3 steps SDCM. VAREE is designed to illuminate swimming pools, decorative pools, fountains and any submersible application. A wide range of beam angles including Narrow, Medium, Wide and Elliptical beams as well as Asymmetric floor washer. VAREE is pre-wired with underwater cable and internally potted to prevent humidity and condensation. To avoid over-heating, VAREE is equipped with a thermal cut-off device thus the luminaire has to be submerged at all time. The marine grade 316 stainless steel material and advance polymer guarantees corrosion free appearance through out the life time. 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.

Ø1"
261
Ø235
93

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

Technical Data

CE · IP68 · IK 05/07

Ordering Code :	7413-B-2-686-92
Lamp :	LED
Beam :	25°
CCT :	RGBW
CRI :	CRI >40
SDCM :	SDCM = 5
Lamp Lumen :	2370lm
Luminaire Lumen :	1360 lm
Lamp Wattage :	24 W(700mA)
Luminaire Wattage :	24 W
Efficacy :	56 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	Remote
Input Voltage :	700mA, 4CHx5Vdc-6.5Vdc, Uin max 30Vdc
Net Weight :	1.60 kg.

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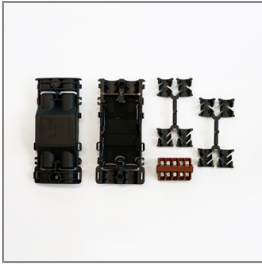
Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-18 Luminaires for Swimming Pools
Protection	IP68 Class III
IK Rating	Protection against mechanical impact IK05 on body and IK07 optical part.
Luminaires Body Housing	Supreme corrosion proof Under Water grade Stainless Steel.
	Injected GFR Engineering Polymer body component.
	Wall recessed housing made of GFR polymer.
Diffuser	Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.
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	Marine grade 316 stainless steel screw.
Cable Entry	Cable entry protected by M16 cable gland. To be used with H05RN-F/ H07RN-F cable with 5-10mm. 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 PTFE insulated internal wire. IMQ approved. Working temperature -40°C to +250°C.
Pre-Wire Cable	Pre-wired with 5x1.0 sqmm. PP + TPE cable. VDE approved.
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

7413-B-2-686-92

2534 cd/Klm   60°

Average Beam Illuminance

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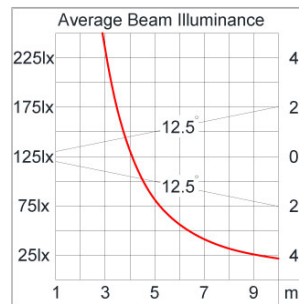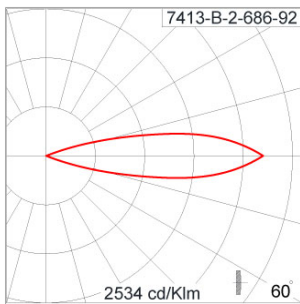
Accessories

Ordering Code:
AUN-CON-0008-00
Gel-Filled IP68 Connector
for Through Wiring Cable
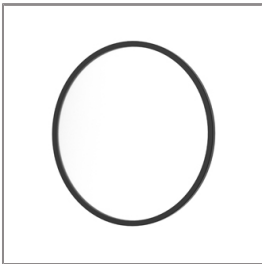Diameter 6.5 – 12mm. for
dimming interface

Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
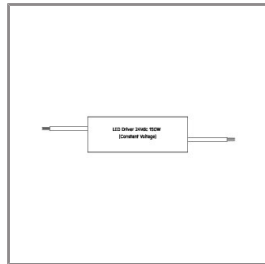Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.

Ordering Code:
AUN-CON-0010-00
IP68 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable
Diameter 5.0 – 9.5mm.
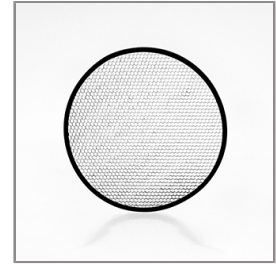
Ordering Code:
AUN-GSH-0012-00
Honey Comb Louver
[pre-assembled from
factory]

Ordering Code:
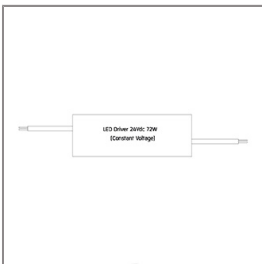AUN-SOF-0026-00
Softening Filter
[pre-assembled from
factory]

Ordering Code:
AUN-DRG-0011-00
LED Constant Voltage
Driver 24Vdc 150W.

Ordering Code:
AUN-DRG-0019-01
RGBW LED Constant
Current Driver Low Voltage
4x700mA 4x25W [DALI] in
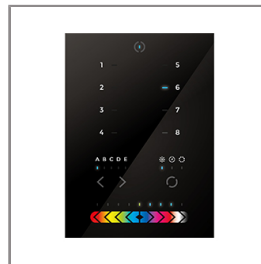IP66 Aluminium Box with
additional 10kV Surge
protector.
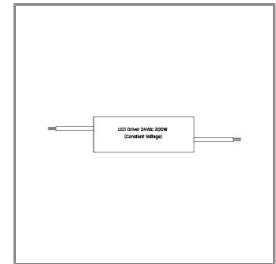
Ordering Code:
AUN-DRG-0024-00
LED Constant Voltage
Driver 24Vdc 200W.

Ordering Code:
AUN-DRG-0027-00
LED Constant Voltage
Driver 24Vdc 72W.

Ordering Code:
AUN-DRG-0112-01
4CH DMX512/ RDM
Decoder with 24Vdc Input
and 4x700mA 4x23W
Output In IP67 GFR
Polymer Box.

Ordering Code:
AUN-DMX-0023-00
DMX Controller Nicolaudie
STICK-KE2

Ordering Code:
AUN-DMX-0024-00
DMX Controller Nicolaudie
SLESA-U9

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Ordering Code:
AUN-DMX-0025-00
DMX Controller Nicolaudie
SLESA-U10

Ordering Code:
AUN-DMX-0026-00
XLR 3 Pin Male Connector
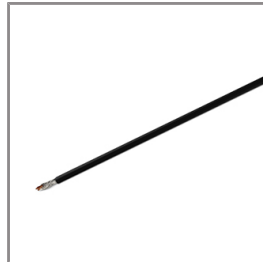with UNITRONIC Li2YCYv
[TP] cable length 1000mm.
[DMX]

Ordering Code:
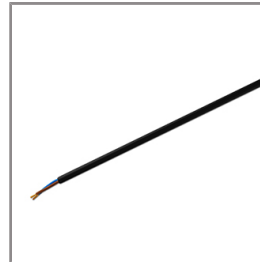AUN-DMX-0027-01
Splitter DMX in IP67
Aluminium Box.

Ordering Code:
AUN-CON-0022-00
IP67 Water Tight
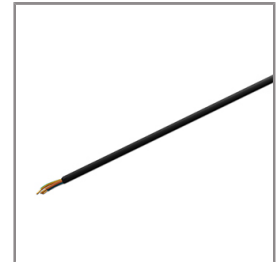Connecting Device, 3 Pole,
Cable Diameter 4.5 – 11mm.
[DMX]

Ordering Code:
AUN-CON-0023-00
IP67 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable
Diameter 4.5 – 11mm.
[DMX]

Ordering Code:
ATR-CAB-0006-00
Cable UNITRONIC Li2YCYv
[TP] length 2000mm.
[DMX]

Ordering Code:
AUN-CAB-0040-00
Cable HO7RN-F 2x1sqmm
length 2000mm.

Ordering Code:
AUN-CAB-0039-00
Cable HO7RN-F 3x1sqmm
length 2000mm.

Ordering Code:
AUN-CTR-0001-00
DALI touch panel EDT4
RGBW.

Ordering Code:
AUN-CTR-0002-00
DALI Bus Power Supply
Output 15Vdc 220mA
3.3W.