

# ALESSA

## ALESSA 500 – CV

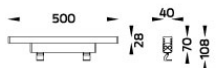
### LINEAR LIGHT | WALL SURFACE LIGHT



LAST UPDATE: 17-11-2025



Alessa is a small sized low voltage supplied range of LED wall washer. Installation on site is simplified by using splash proof in and out connection cables. The adjustable mounting brackets allow fine tuning of the light direction. The small overall dimension allows unobtrusive installation on many different surfaces including niches. The RGBW version is controllable utilizing DMX-RDM and the monochromatic version is optionally controllable with a DALI system. The housing is made of high-corrosion resistant aluminum with low copper content. High ambient temperature rating and high resistance against water ingress make Alessa useable in many countries and applications.



## Technical Data



|                       |                       |
|-----------------------|-----------------------|
| Ordering Code :       | 8018-D-2-011-A2       |
| Lamp :                | LED                   |
| Beam :                | 60°                   |
| CCT :                 | RGBW                  |
| Luminaire Lumen :     | 589 lm                |
| Luminaire Wattage :   | 12 W                  |
| Efficacy :            | 49 lm/W               |
| Ambient Temperature : | 50°C                  |
| Lumen Maintenance     | L70 >36,000 h (@25°C) |
| Controller :          | Remote                |
| Input Voltage :       | 24Vdc                 |
| Net Weight :          | 2.50 kg.              |

### Ordering code guide

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

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



Icon definition

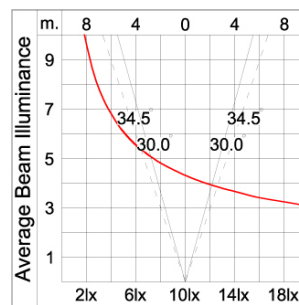
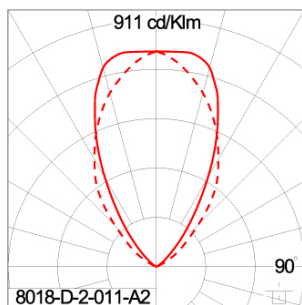
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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## Specification

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires                                                                                                 |
| Protection              | IP66 Class III                                                                                                                                                    |
| IK Rating               | Protection against mechanical impact IK04                                                                                                                         |
| Luminaires Body Housing | Extruded Aluminum 56063 alloy body with low copper content.                                                                                                       |
| Coating Process         | Aluminum anodizing in which aluminum products surface are coated using a wear-resistant oxide layer.                                                              |
| 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 PMMA lens from renowned manufacturers in various light distribution patterns.                                                                              |
| Adjustable Optic        | Wall mount with adjustable arms.                                                                                                                                  |
| 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 M20 cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. 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 short in and out 2x1 sqmm + 3x0.5 sqmm cable.<br>Connection provided with IP67 watertight connecting device.                                       |
| Caution                 | Installation work has to be carried on according to the enclosed installation manual.                                                                             |
| Color                   |  Graphite A2                                                                   |

## Light Distribution



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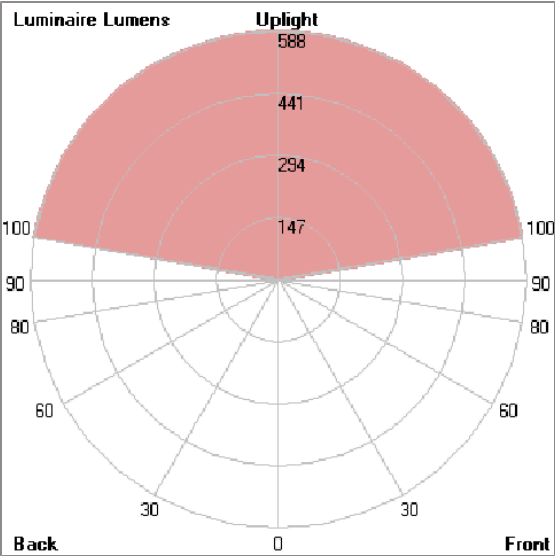
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### Bug Report



| Lum. Classification System (LCS) |           |          |       |       |
|----------------------------------|-----------|----------|-------|-------|
| LCS                              | Zone      | %Lumens  | %Lamp | %Lum  |
| FL                               | [0-30]    | 0.3      | 0.1   | 0.1   |
| FM                               | [30-60]   | 0.2      | 0.0   | 0.0   |
| FH                               | [60-80]   | 0.1      | 0.0   | 0.0   |
| FVH                              | [80-90]   | < 0.05   | 0.0   | 0.0   |
| BL                               | [0-30]    | 0.3      | 0.1   | 0.1   |
| BM                               | [30-60]   | 0.2      | 0.0   | 0.0   |
| BH                               | [60-80]   | 0.1      | 0.0   | 0.0   |
| BVH                              | [80-90]   | < 0.05   | 0.0   | 0.0   |
| UL                               | [90-100]  | 0.1      | 0.0   | 0.0   |
| UH                               | [100-180] | 587.7    | 99.8  | 99.8  |
| Total                            |           | 589.0    | 100.0 | 100.0 |
| BUG Rating                       |           | B0-U4-G0 |       |       |

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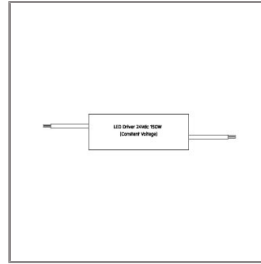
#### Accessories



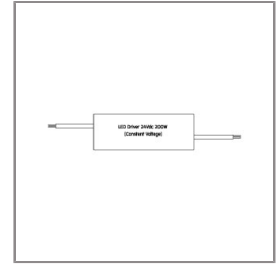
Ordering Code:  
AUN-CON-0009-00  
IP68 connection device,  
cable diameter 5-9.5mm,  
On-Off



Ordering Code:  
AUN-CON-0010-00  
IP68 connection device 3  
pole, cable diameter  
5-9.5mm, with distribution  
block



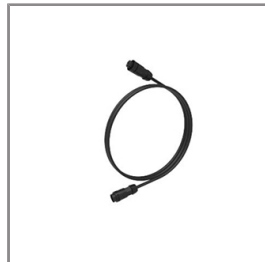
Ordering Code:  
AUN-DRG-0011-00  
LED constant voltage  
driver, 24VDC, 150W



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



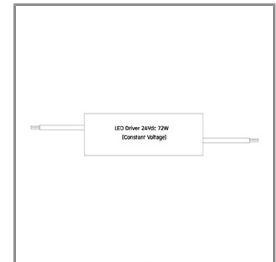
Ordering Code:  
ATR-CAB-0004-00  
Feed in cable 2x1sqmm  
and 3x0.5 sqmm, L=  
1000mm, for RGBW  
luminaire



Ordering Code:  
ATR-CAB-0005-00  
Jumper cable 2x1sqmm  
and 2x1sqmm and 3x0.5,  
L= 1000mm, for RGBW  
luminaire, for longer  
distance between two  
luminaires



Ordering Code:  
ATR-CON-0001-00  
Connector end cap



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



Ordering Code:  
AUN-DMX-0023-00  
DMX controller,  
Touchscreen



Ordering Code:  
AUN-DMX-0024-00  
DMX controller, 1-Channel



Ordering Code:  
AUN-DMX-0025-00  
DMX controller, 2-Channel



Ordering Code:  
AUN-DMX-0026-00  
DMX Connector, 3 pin  
male, L= 1000mm

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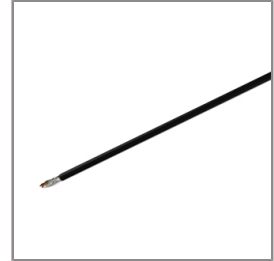
Ordering Code:  
AUN-DMX-0027-01  
Splitter, IP67 aluminum  
enclosure, DMX



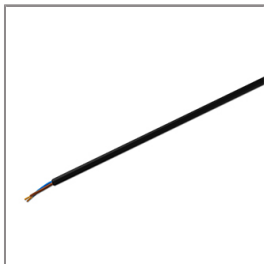
Ordering Code:  
AUN-CON-0022-00  
IP67 connection device,  
cable diameter 4.5-11mm,  
DMX



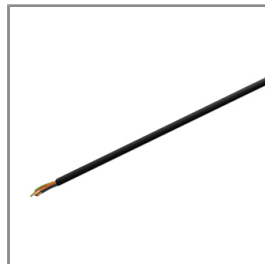
Ordering Code:  
AUN-CON-0023-00  
IP67 connection device,  
cable diameter 4.5-11mm,  
distribution block , DMX



Ordering Code:  
ATR-CAB-0006-00  
Cable signal, L= 2000mm,  
DMX



Ordering Code:  
AUN-CAB-0040-00  
Cable H07RN-F 2x1sqmm,  
L= 2000mm



Ordering Code:  
AUN-CAB-0039-00  
Cable H07RN-F 3x1sqmm,  
L= 2000mm



Ordering Code:  
AUN-GSH-0045-01  
Glare shield visor

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