

# ALPHA

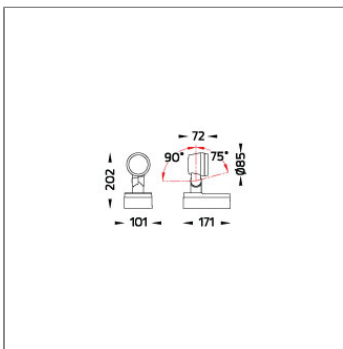
## MINI ALPHA ROUND PROJECTOR



LAST UPDATE: 10-05-2024



ALPHA is an entirely new family of outdoor spotlights/floodlights engineered from scratch. The primary shapes and overall small dimensions make it possible to install ALPHA in most professional and residential lighting applications. High-quality polycarbonate optics provide accurate beam control and offer a wide selection of light distributions. ALPHA can be customized with accessories such as honeycombs, shields and various mounting solutions for poles and surfaces. The minimized amount of needed tools and usage of quick connectors simplifies the installation.



### Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 5922-D-4-532-XX    |
| Lamp :                | LED                |
| Beam :                | 50°                |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 960 lm             |
| Luminaire Lumen :     | 710 lm             |
| Lamp Wattage :        | 8.1 W              |
| Luminaire Wattage :   | 10 W               |
| Efficacy :            | 71 lm/w            |
| Ambient Temperature : | 50°C               |
| Lumen Maintenance     | L70B10 >66,000 h   |
| Controller :          | DIM 1-10V          |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 1.60 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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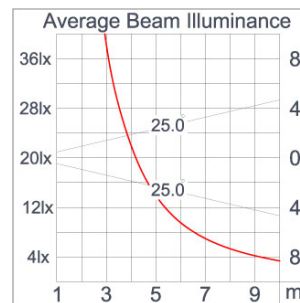
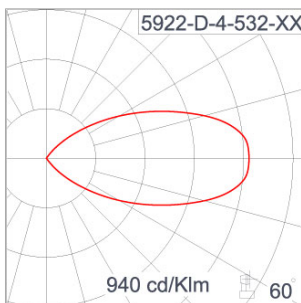


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### Specification

|                         |   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|-------------------------|---|--|----------|--|-------------|--|--------------|--|--------------------|--|----------|--|-----------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires   |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Protection              | IP66 Class I  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Coating Process         | Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.                         |  |          |  |             |  |              |  |                    |  |          |  |                 |
| 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.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| 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         | 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                  | High quality Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.   |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Internal Wire           | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.   |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Terminal Block          | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.<br>Class1 luminaire provided with the earth connection.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Caution                 | Installation work has to be carried on according to the enclosed installation manual.   |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Color                   | <table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminum Silver 04</td></tr><tr><td></td><td>White 06</td></tr><tr><td></td><td>Wooden Brown 07</td></tr></table> |  | Black 01 |  | Graphite 02 |  | Dark Grey 03 |  | Aluminum Silver 04 |  | White 06 |  | Wooden Brown 07 |
|                         | Black 01  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Graphite 02   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Dark Grey 03  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Aluminum Silver 04  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | White 06  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Wooden Brown 07   |  |          |  |             |  |              |  |                    |  |          |  |                 |

### Light Distribution



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### Accessories



Ordering Code:  
AUN-GSH-0008-00  
Honey Comb Louver  
[pre-assembled from  
factory]



Ordering Code:  
AUN-SOF-0022-00  
Softening Filter  
[pre-assembled from  
factory]



Ordering Code:  
AUN-CON-0011-00  
IP68 Water Tight  
Connecting Device 5 Pole,  
Cable Diameter 7.1 – 13mm.  
[1-10V or Dali]



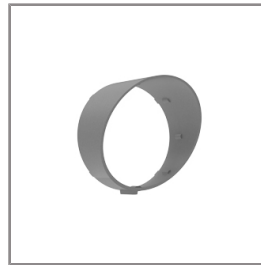
Ordering Code:  
AUN-CON-0014-00  
IP68 Water Tight  
Connecting Device 5 Pole,  
Cable Diameter 8 –  
12.5mm. [1-10V or DALI]



Ordering Code:  
AUN-CAB-0003-00  
Cable 3x1sqmm and  
2x0.35 sqmm length 2000  
mm with anti-humidity kit.  
[pre-assembled from  
factory]



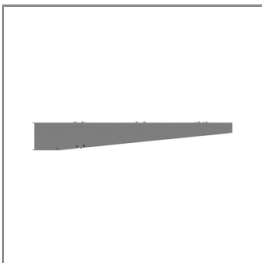
Ordering Code:  
AUN-CLP-0004-XX  
Pole Clamp Diameter  
102-105mm



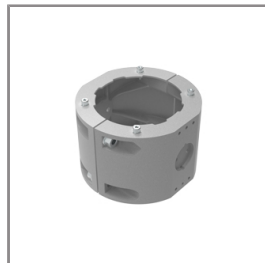
Ordering Code:  
AUN-GHS-0027-XX  
Glare Shield Cap.



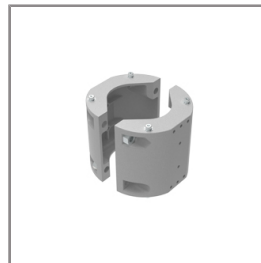
Ordering Code:  
AUN-CLP-0006-XX  
Pole Clamp Diameter  
60-76mm.



Ordering Code:  
AUN-MOT-0013-XX  
Mounting arm for 1-3  
Spotlights.



Ordering Code:  
AUN-CLP-0008-XX  
Pole Clamp Diameter  
102-105mm. for mounting  
arm.



Ordering Code:  
AUN-CLP-0009-XX  
Pole Clamp Diameter  
60-76mm. for mounting  
arm.



Ordering Code:  
AUN-ESP-0001-00  
Glass-Fiber Reinforced  
Polymer Earth Spike

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Ordering Code:  
AUN-TRS-0001-00  
Tree Strap for Small Base



Ordering Code:  
ALUMINUM-POLE-FOR-ALPHA-SPOTLIGHT  
Please contact Sales  
Representative



Ordering Code:  
STEEL-POLE-FOR-ALPHA-SPOTLIGHT  
Please contact Sales  
Representative

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