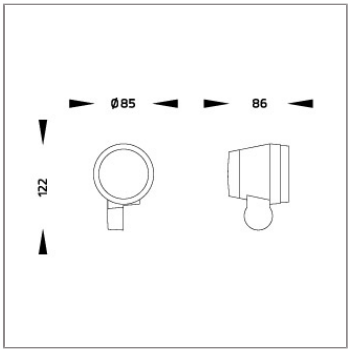
# ALPHA

## MINI ALPHA ROUND – ID

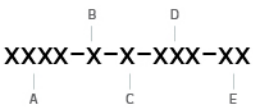
SPOTLIGHT

LAST UPDATE: 19-08-2026

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.




### Ordering code guide




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

IK BODY OPTIC Icon definition

## Technical Data

IP66 IK 10 07

| | |
|---|---|
| Ordering Code : | 5972-D-3-533-XX |
| Lamp : | LED |
| Beam : | 50° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1110 lm |
| Luminaire Lumen : | 820 lm |
| Lamp Wattage : | 8.4 W |
| Luminaire Wattage : | 10 W |
| Efficacy : | 82 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | - kg. |

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

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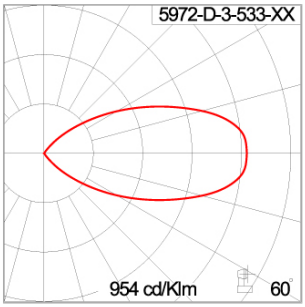
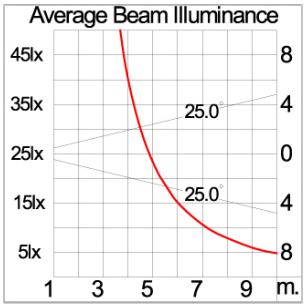
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class I |
| IK Rating | Protection against mechanical impact IK10 on body and IK07 on optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| Coating Process | Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard. |
| 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. |
| | Class1 luminaire provided with the earth connection. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06<br>Corten 08 |

## Light Distribution

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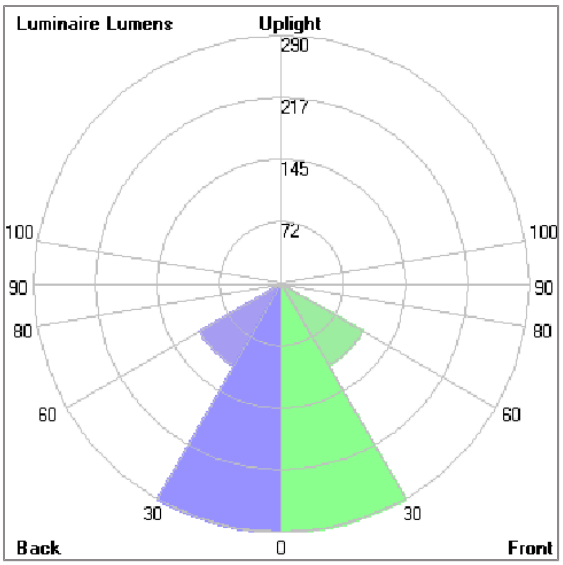
### Bug Report




**Lum. Classification System (LCS)**

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | [0-30] | 289.5 | 26.1 | 35.3 |
| FM | [30-60] | 110.0 | 9.9 | 13.4 |
| FH | [60-80] | 10.6 | 1.0 | 1.3 |
| FVH | [80-90] | 0.0 | 0.0 | 0.0 |
| BL | [0-30] | 289.5 | 26.1 | 35.3 |
| BM | [30-60] | 110.0 | 9.9 | 13.4 |
| BH | [60-80] | 10.6 | 1.0 | 1.3 |
| BVH | [80-90] | 0.0 | 0.0 | 0.0 |
| UL | [90-100] | 0.0 | 0.0 | 0.0 |
| UH | [100-180] | 0.0 | 0.0 | 0.0 |
| Total | | 820.2 | 74.0 | 100.0 |
| BUG Rating | | B1-U0-G0 | | |

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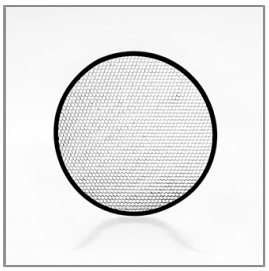
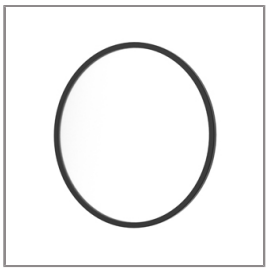
### Accessories

Ordering Code:
AUN-ACB-0014-00
Anchor bolt kit, bollard



Ordering Code:
AUN-GSH-0008-00
Honeycomb louver, LED, pre-assembly from factory



Ordering Code:
AUN-SOF-0022-00
Softening filter, LED, pre-assembly from factory

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

Ordering Code:
AUN-ESP-0002-01
Earth spike, GFR polymer

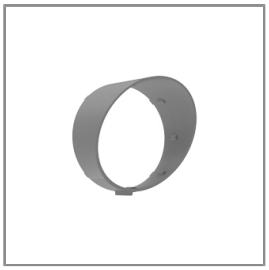
Ordering Code:
AUN-TRS-0003-01
Tree strap, small mounting base

Ordering Code:
AUN-CON-0013-00
IP68 connection device, cable diameter 7-11.5mm, On-Off

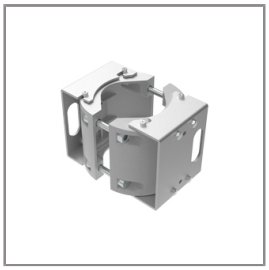
Ordering Code:
AUN-CAB-0002-00
Cable H07RN-F 3x1sqmm, L= 2000, with UniBlock anti-humidity kit, pre-assembly from factory

Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter 102-105mm

Ordering Code:
AUN-CAB-0004-00
Cable H07RN-F 3x1sqmm, L= 500, with UniBlock anti-humidity kit, pre-assembly from factory



Ordering Code:
AUN-GHS-0027-XX
Glare shield cap



Ordering Code:
AUN-CLP-0006-XX
Pole clamp, pole diameter 60-76mm

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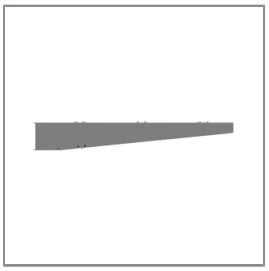
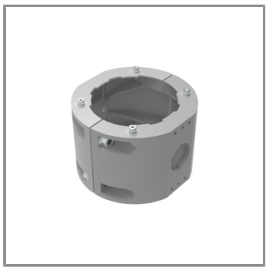
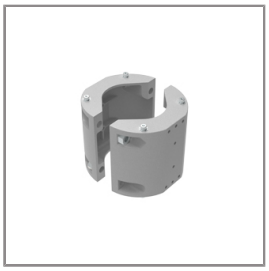


Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3 projector



Ordering Code:
AUN-CLP-0008-XX
Pole clamp, pole diameter 102-105mm, for wall or pole mounting arm



Ordering Code:
AUN-CLP-0009-XX
Pole clamp, pole diameter 60-76mm, for wall or pole mounting arm

Ordering Code:
AUN-ACB-0008-00
Anchor bolt kit, pole diameter 102mm and 151x102mm, galvanized steel pole

Ordering Code:
AUN-ACB-0005-00
Anchor bolt kit, aluminum pole

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

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

Ordering Code:
AUN-MOT-0052-XX
Mounting base, rotateable, On-Off, pre-assembly from factory

Ordering Code:
AUN-MOT-0053-XX
Outrigger arm, L= 740mm, On-Off, pre-assembly from factory

Ordering Code:
AUN-POL-0188-XX
Cylindrical aluminum pole, diameter 105mm, H= 522mm, (pre-assembled from factory)

Ordering Code:
AUN-ESP-0021-XX
Earth spike, L= 900mm, aluminum, On-Off, pre-assembly from factory

Ordering Code:
AUN-MOT-0054-XX
Pole mount adaptor, rectangular pole, On-Off, pre-assembly from factory

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AUN-MOT-0055-XX
Pole mount adaptor, pole diameter 60mm, On-Off, pre-assembly from factory

Ordering Code:
AUN-MOT-0056-XX
Pole mount adaptor, pole diameter 76mm, On-Off, pre-assembly from factory

Ordering Code:
AUN-MOT-0057-XX
Pole mount adaptor, pole diameter 102-105mm, On-Off, pre-assembly from factory

Ordering Code:
AUN-CLP-0052-XX
Pole clamp, pole diameter 60-76mm, single side luminaire mounting , On-Off, pre-assembly from factory

Ordering Code:
AUN-CLP-0053-XX
Pole clamp, pole diameter 60-76mm, double sided luminaire mounting , On-Off, pre-assembly from factory

Ordering Code:
AUN-CLP-0054-XX
Pole clamp, pole diameter 102-105mm, single side luminaire mounting , On-Off, pre-assembly from factory

Ordering Code:
AUN-CLP-0055-XX
Pole clamp, pole diameter 102-105mm, double sided luminaire mounting , On-Off, pre-assembly from factory

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