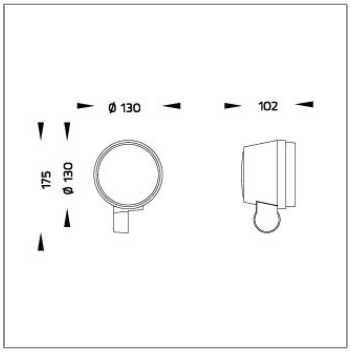
# ALPHA

## MEDIUM 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.




## Technical Data

IP66 IK 10 08

| | |
|---|---|
| Ordering Code : | 5962-D-4-539-XX |
| Lamp : | LED |
| Beam : | 42° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 2460 lm |
| Luminaire Lumen : | 1500 lm |
| Lamp Wattage : | 18 W |
| Luminaire Wattage : | 19 W |
| Efficacy : | 78 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | DIM 1-10V |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 1.40 kg. |

### 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

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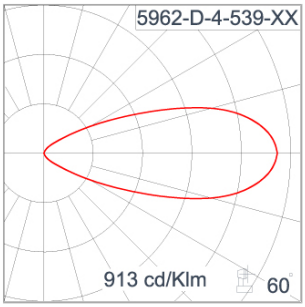
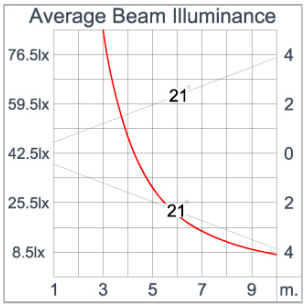
## Specification

| | |
|---|---|
| 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 IK08 on optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Extruded aluminum S6063 alloy body with low copper content. |
| 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 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. |
| | 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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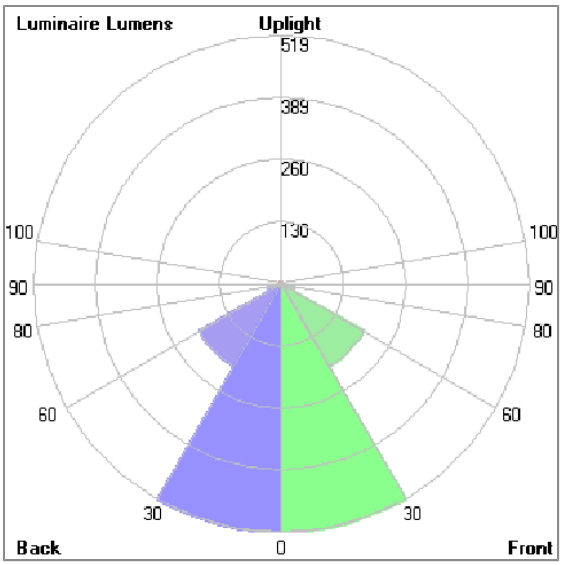
### Bug Report




**Lum. Classification System (LCS)**

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | [0-30] | 519.2 | 21.1 | 34.6 |
| FM | [30-60] | 199.1 | 8.1 | 13.3 |
| FH | [60-80] | 28.8 | 1.2 | 1.9 |
| FVH | [80-90] | 1.3 | 0.1 | 0.1 |
| BL | [0-30] | 519.2 | 21.1 | 34.6 |
| BM | [30-60] | 199.1 | 8.1 | 13.3 |
| BH | [60-80] | 28.8 | 1.2 | 1.9 |
| BVH | [80-90] | 1.3 | 0.1 | 0.1 |
| UL | [90-100] | 0.0 | 0.0 | 0.0 |
| UH | [100-180] | 3.4 | 0.1 | 0.2 |
| Total | | 1500.2 | 61.1 | 100.0 |
| BUG Rating | | B2-U1-G0 | | |

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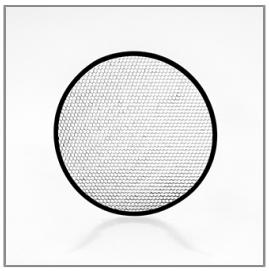
### Accessories

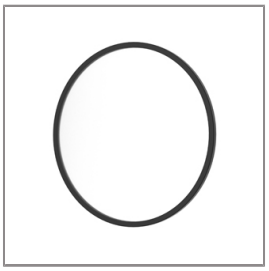
Ordering Code:
AUN-GHS-0016-00
Glare shield ring, COB

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

Ordering Code:
AUN-CON-0011-00
IP68 connection device, cable diameter 7.1-13mm, 1-10V or DALI

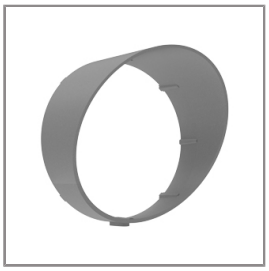


Ordering Code:
AUN-GSH-0012-00
Honeycomb louver, LED, pre-assembly from factory

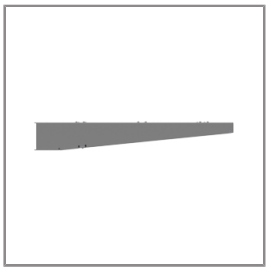


Ordering Code:
AUN-SOF-0026-00
Softening filter, LED, pre-assembly from factory

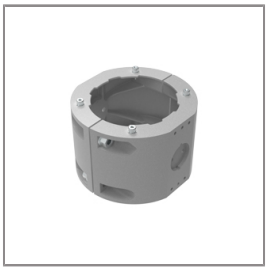
Ordering Code:
AUN-CON-0014-00
IP68 connection device, cable diameter 8-12.5mm, 1-10V or DALI



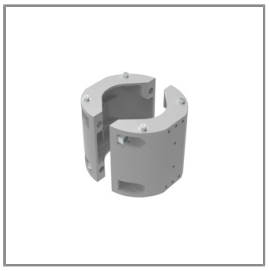
Ordering Code:
AUN-GHS-0028-XX
Glare shield cap



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-ESP-0001-00
Earth spike, GFR polymer

Ordering Code:
AUN-TRS-0001-00
Tree strap, small mounting base

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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

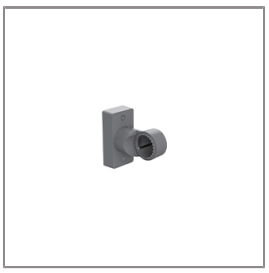
Ordering Code:
STEEL-POLE-FOR-ALPHA-SPOTLIGHT
Please contact Sales Representative

Ordering Code:
AUN-MOT-0022-XX
Mounting base, rotateable, 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-POL-0044-XX
Cylindrical aluminum pole, diameter 105mm, H= 522mm, 1-10V / DALI (pre-assembled from factory)

Ordering Code:
AUN-MOT-0019-XX
Outrigger arm, L= 740mm, 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-ESP-0009-XX
Earth spike, L= 900mm, aluminum, 1-10V or DALI, pre-assembly from factory



Ordering Code:
AUN-MOT-0039-XX
Pole mount adaptor, rectangular pole, 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-MOT-0033-XX
Pole mount adaptor, pole diameter 60mm, 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-MOT-0035-XX
Pole mount adaptor, pole diameter 76mm, 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-MOT-0037-XX
Pole mount adaptor, pole diameter 102-105mm, 1-10V or DALI, pre-assembly from factory

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Ordering Code:
AUN-CLP-0041-XX
Pole clamp, pole diameter 60-76mm, single side luminaire mounting , 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-CLP-0043-XX
Pole clamp, pole diameter 102-105mm, single side luminaire mounting , 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-CLP-0045-XX
Pole clamp, pole diameter 60-76mm, double sided luminaire mounting , 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-CLP-0047-XX
Pole clamp, pole diameter 102-105mm, double sided luminaire mounting , 1-10V or DALI, pre-assembly from factory

Ordering Code:
AUN-ESP-0024-XX
Earth spike, L= 1390-1760mm, aluminum, length adjustable, 1-10V or DALI, pre-assembly from factory

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