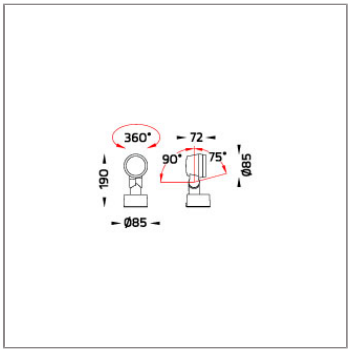
# ALPHA

## MINI ALPHA ROUND – CC

SPOTLIGHT

LAST UPDATE: 13-03-2026

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

| | |
|---|---|
| Ordering Code : | 5921-D-2-529-XX |
| Lamp : | LED |
| Beam : | 50° |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1340 lm |
| Luminaire Lumen : | 990 lm |
| Lamp Wattage : | 13 W(1050mA) |
| Luminaire Wattage : | 13 W |
| Efficacy : | 76 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L70B10 >66,000 h |
| Controller : | Remote |
| Input Voltage : | 1050mA, 11.9Vdc, Uin max 150Vdc |
| Net Weight : | 1.00 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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Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
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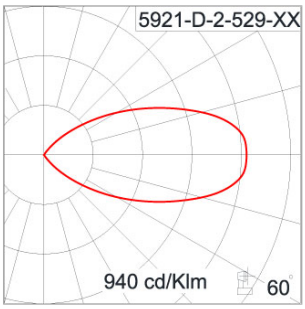
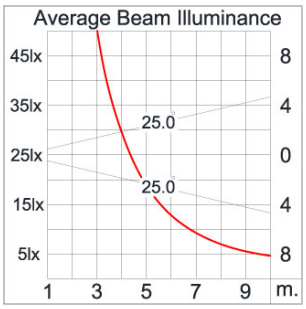
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class III |
| IK Rating | Protection against mechanical impact IK08 on body and IK06 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 weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. 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. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. |
| 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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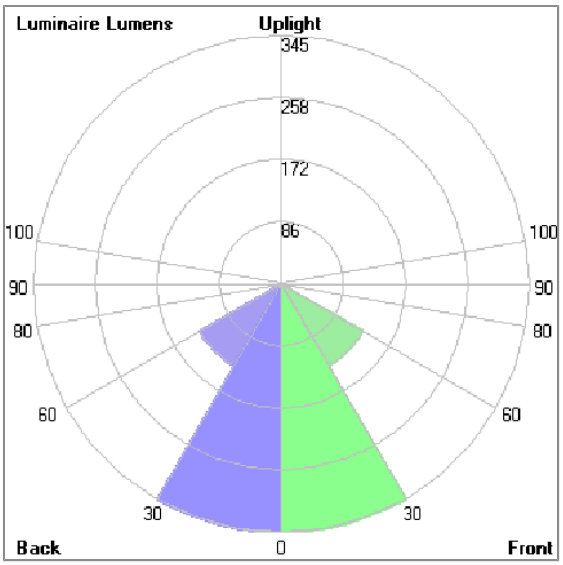
### Bug Report




**Lum. Classification System (LCS)**

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | [0-30] | 344.6 | 25.7 | 35.3 |
| FM | [30-60] | 131.0 | 9.8 | 13.4 |
| FH | [60-80] | 12.7 | 0.9 | 1.3 |
| FVH | [80-90] | 0.0 | 0.0 | 0.0 |
| BL | [0-30] | 344.6 | 25.7 | 35.3 |
| BM | [30-60] | 131.0 | 9.8 | 13.4 |
| BH | [60-80] | 12.7 | 0.9 | 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 | | 976.6 | 72.8 | 100.0 |
| BUG Rating | | B1-U0-G0 | | |

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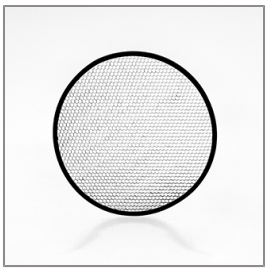
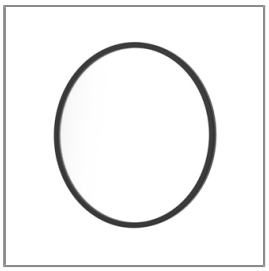
### Accessories



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-DRG-0004-01
LED constant current driver, 1050mA, 22W, with IP67 GFR polymer enclosure, On-Off

Ordering Code:
AUN-DRG-0006-01
LED constant current driver, 1050mA, 38W, with IP67 GFR polymer enclosure, DALI

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

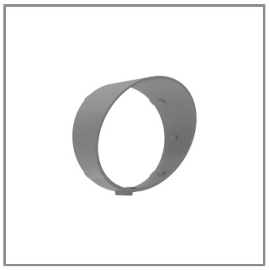
Ordering Code:
AUN-ESP-0002-01
Earth spike, GFR polymer

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

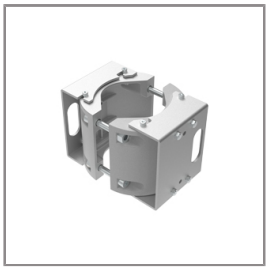
Ordering Code:
AUN-CON-0013-00
IP68 connection device, cable diameter 7-11.5mm, On-Off

Ordering Code:
AUN-CAB-0001-00
Cable H07RN-F 2x1sqmm, 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-GHS-0027-XX
Glare shield cap



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

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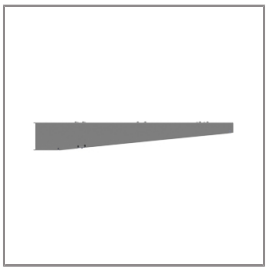
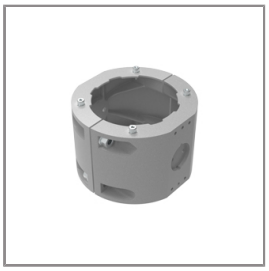
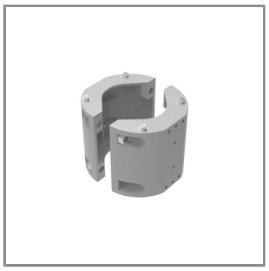


Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3 projector



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

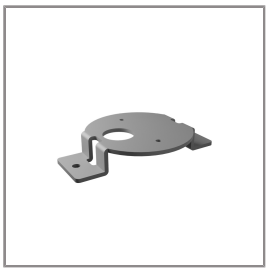


Ordering Code:
AUN-CLP-0009-XX
Pole clamp, pole diameter 60-76mm, for wall or pole mounting arm

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

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

Ordering Code:
AUN-DRG-0021-00
LED constant current driver, 1050mA, 38W, with IP67 GFR polymer enclosure, 1-10V



Ordering Code:
AUN-BRK-0012-XX
Mounting bracket, pre-assembly from factory

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