

ALPHA

MINI ALPHA ROUND – ID

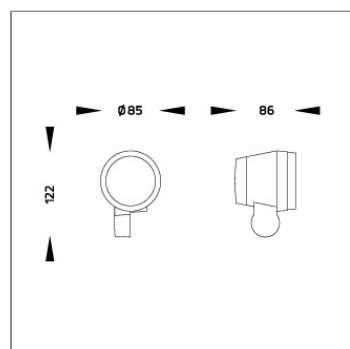
SPOTLIGHT



LAST UPDATE: 23-07-2025



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 : | 5972-B-3-528-XX |
| Lamp : | LED |
| Beam : | 29° |
| CCT : | 2700 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 760 lm |
| Luminaire Lumen : | 670 lm |
| Lamp Wattage : | 5.9 W |
| Luminaire Wattage : | 7 W |
| Efficacy : | 95 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | - 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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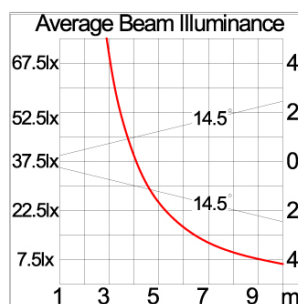
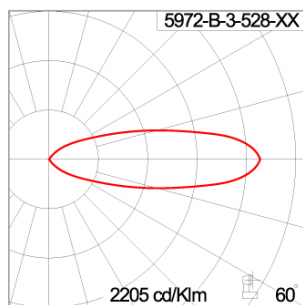
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Specification

| | |
|-------------------------|---|
| IEC Standard | IEC 60598-1 General Requirement 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. 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 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 | <div><div></div>Black 01</div> <div><div></div>Graphite 02</div> <div><div></div>Dark Grey 03</div> <div><div></div>Aluminum Silver 04</div> <div><div></div>White 06</div> |
|-------|---|

Light Distribution



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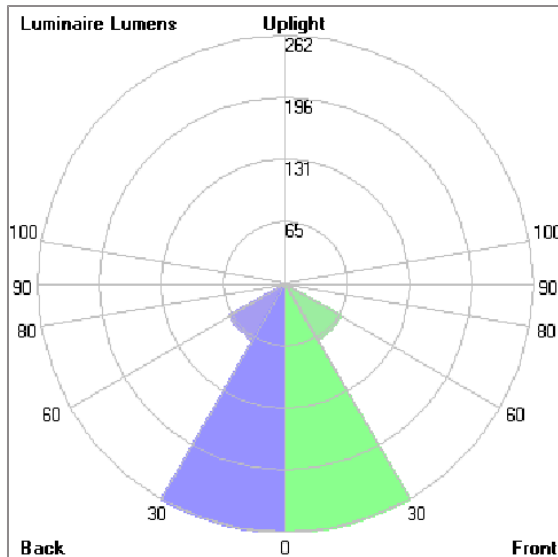
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Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 261.7 | 34.4 | 39.1 |
| FM | [30-60] | 68.0 | 8.9 | 10.1 |
| FH | [60-80] | 5.1 | 0.7 | 0.8 |
| FVH | [80-90] | 0.1 | 0.0 | 0.0 |
| BL | [0-30] | 261.7 | 34.4 | 39.1 |
| BM | [30-60] | 68.0 | 8.9 | 10.1 |
| BH | [60-80] | 5.1 | 0.7 | 0.8 |
| BVH | [80-90] | 0.1 | 0.0 | 0.0 |
| UL | [90-100] | 0.0 | 0.0 | 0.0 |
| UH | [100-180] | 0.3 | 0.0 | 0.1 |
| Total | | 670.1 | 88.0 | 100.0 |
| BUG Rating | | B1-U1-G0 | | |

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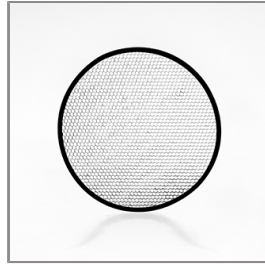


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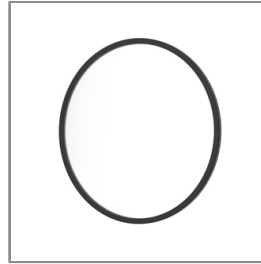
Accessories



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



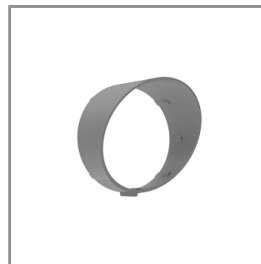
Ordering Code:
AUN-CAB-0002-00
Cable HO7RN-F 3x1sqmm,
L= 2000, with UniBlock
anti-humidity kit,
pre-assembly from factory



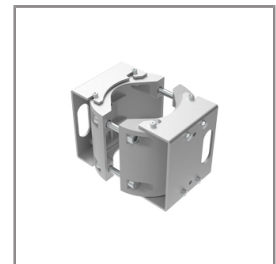
Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter
102-105mm



Ordering Code:
AUN-CAB-0004-00
Cable HO7RN-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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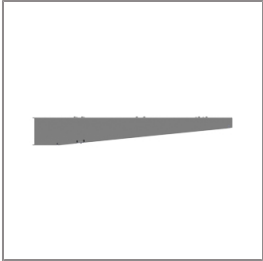
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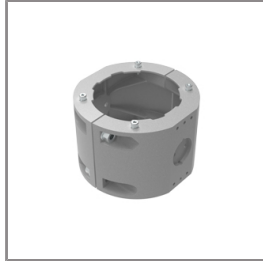
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Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3
projector



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



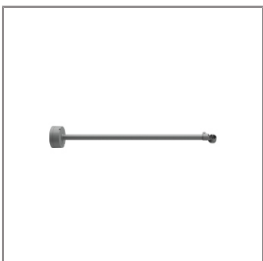
Ordering Code:
ALUMINUM-POLE-FOR-ALPHA-SPOTLIGHT
Please contact Sales
Representative



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



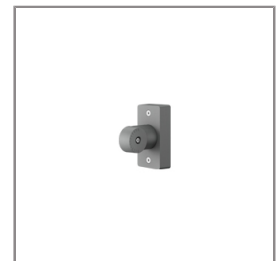
Ordering Code:
AUN-MOT-0053-XX
Outrigger arm, L= 740mm,
On-Off, pre-assembly from
factory



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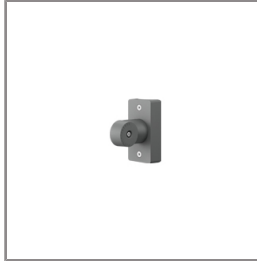
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Ordering Code:
AUN-MOT-0055-XX
Pole mount adaptor, pole
diameter 60mm, On-Off,
pre-assembly from factory



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



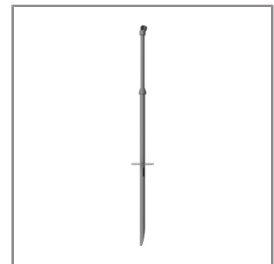
Ordering Code:
AUN-CLP-0053-XX
Pole clamp, pole diameter
60-76mm, double sided
luminaire mounting ,
On-Off, pre-assembly from
factory



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



Ordering Code:
AUN-ESP-0022-XX
Earth spike, L=
1390-1760mm, aluminum,
length adjustable, On-Off,
pre-assembly from factory