

ALPHA

MEDIUM ALPHA ROUND – CC

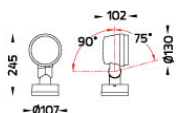
SPOTLIGHT



LAST UPDATE: 21-07-2025



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 : | 5924-C-2-905-XX |
| Lamp : | LED |
| Beam : | 32° |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 3390 lm |
| Luminaire Lumen : | 2750 lm |
| Lamp Wattage : | 23 W[700mA] |
| Luminaire Wattage : | 23 W |
| Efficacy : | 119 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L70B10 >90,000 h |
| Controller : | Remote |
| Input Voltage : | 700mA, 32.8Vdc, Uin max 500Vdc |
| 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

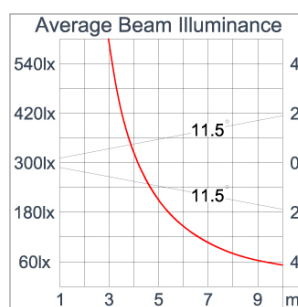
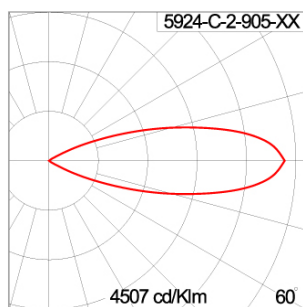
*Due to the constancy of product development,
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online@unilamp.co.th
www.unilamp.co.th

Specification

| | |
|-------------------------|---|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class III |
| 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. |
| 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 weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. diameter. |
| Led | High efficiency LED module in COB technology. 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 | <div> <div>Black 01</div> <div>Graphite 02</div> <div>Dark Grey 03</div> <div>Aluminum Silver 04</div> <div>White 06</div> </div> |

Light Distribution



ALPHA

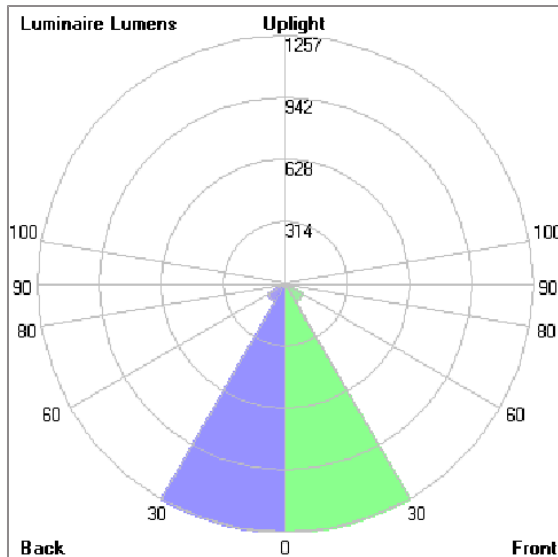
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Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 1256.6 | 37.1 | 45.7 |
| FM | [30-60] | 102.3 | 3.0 | 3.7 |
| FH | [60-80] | 15.3 | 0.4 | 0.6 |
| FVH | [80-90] | 0.2 | 0.0 | 0.0 |
| BL | [0-30] | 1256.6 | 37.1 | 45.7 |
| BM | [30-60] | 102.3 | 3.0 | 3.7 |
| BH | [60-80] | 15.3 | 0.4 | 0.6 |
| BVH | [80-90] | 0.2 | 0.0 | 0.0 |
| UL | [90-100] | 0.0 | 0.0 | 0.0 |
| UH | [100-180] | 1.7 | 0.0 | 0.1 |
| Total | | 2750.5 | 81.0 | 100.0 |
| BUG Rating | | B3-U1-G0 | | |

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Accessories



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



Ordering Code:
AUN-DRG-0008-00
LED constant current
driver, 700mA, 40W, with
IP67 GFR polymer
enclosure, On-Off



Ordering Code:
AUN-DRG-0009-00
LED constant current
driver, 700mA, 32W, with
IP67 GFR polymer
enclosure, 1-10V



Ordering Code:
AUN-DRG-0010-00
LED constant current
driver, 700mA, 38W, with
IP67 GFR polymer
enclosure, DALI



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



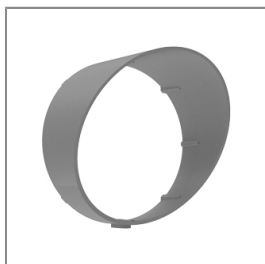
Ordering Code:
AUN-CAB-0001-00
Cable HO7RN-F 2x1sqmm,
L= 2000, with UniBlock
anti-humidity kit,
pre-assembly from factory



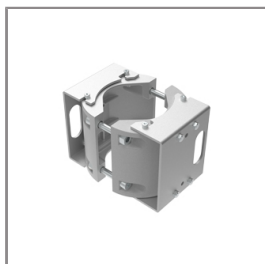
Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter
102-105mm



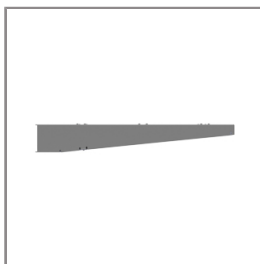
Ordering Code:
AUN-CAB-0005-00
Cable HO5RN-F 2x1sqmm,
L= 500, with UniBlock
anti-humidity kit,
pre-assembly from factory



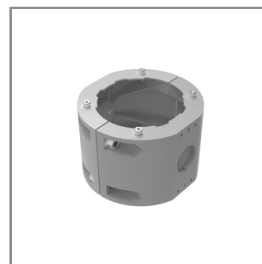
Ordering Code:
AUN-GHS-0028-XX
Glare shield cap



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



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

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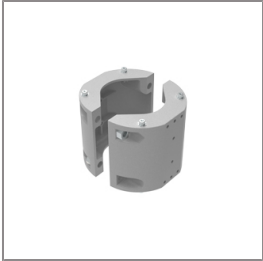
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Ordering Code:
AUN-CLP-0009-XX
Pole clamp, pole diameter
60-76mm, for wall or pole
mounting arm



Ordering Code:
AUN-ESP-0001-00
Earth spike, GFR polymer



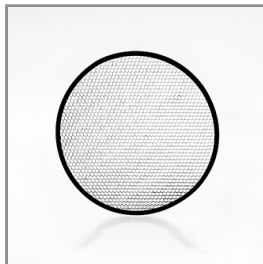
Ordering Code:
AUN-TRS-0001-00
Tree strap, small mounting
base



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-GSH-0056-00
Honeycomb louver, LED,
pre-assembly from factory