

# ALPHA

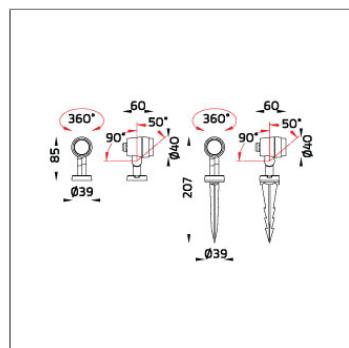
## MICRO ALPHA ROUND – CC SPOTLIGHT

 **Unilamp**

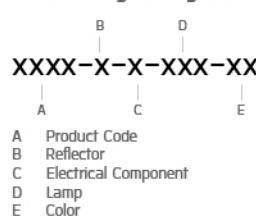
LAST UPDATE: 03-02-2026



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



Icon definition

### Technical Data



|                       |                                |
|-----------------------|--------------------------------|
| Ordering Code :       | 5928-N-2-561-XX                |
| Lamp :                | LED                            |
| Beam :                | Elliptical V                   |
| CCT :                 | 2700 K                         |
| CRI :                 | CRI >80                        |
| SDCM :                | SDCM = 3                       |
| Lamp Lumen :          | 410 lm                         |
| Luminaire Lumen :     | 300 lm                         |
| Lamp Wattage :        | 3.9 W[1200mA]                  |
| Luminaire Wattage :   | 3.9 W                          |
| Efficacy :            | 76 lm/W                        |
| Ambient Temperature : | 50°C                           |
| Lumen Maintenance     | L80B10 >108,000 h              |
| Controller :          | Remote                         |
| Input Voltage :       | 1200mA, 3.17Vdc, Uin max 50Vdc |
| Net Weight :          | 0.30 kg.                       |

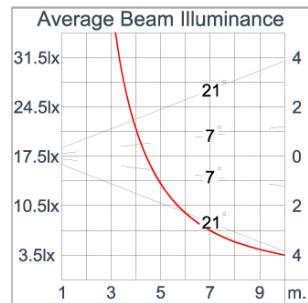
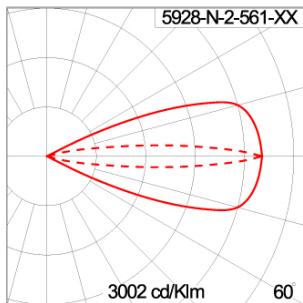
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

Unilamp Co., Ltd.  
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand  
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1  
Fax : +66[0]2 943 2419  
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 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. 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 M12 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 4-7mm. 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.   |   |          |   |             |   |              |   |                    |   |          |   |           |
| Pre-Wire Cable  | Pre-wired with 2x1.0 sqmm. HO5RN-F neoprene cable. IMQ approved.   |   |          |   |             |   |              |   |                    |   |          |   |           |
| Caution   | Installation work has to be carried on according to the enclosed installation manual.  |   |          |   |             |   |              |   |                    |   |          |   |           |
| Color   | <table> <tr> <td></td> <td>Black 01</td> </tr> <tr> <td></td> <td>Graphite 02</td> </tr> <tr> <td></td> <td>Dark Grey 03</td> </tr> <tr> <td></td> <td>Aluminum Silver 04</td> </tr> <tr> <td></td> <td>White 06</td> </tr> <tr> <td></td> <td>Corten 08</td> </tr> </table> |  | Black 01 |  | Graphite 02 |  | Dark Grey 03 |  | Aluminum Silver 04 |  | White 06 |  | Corten 08 |
|  | Black 01   |   |          |   |             |   |              |   |                    |   |          |   |           |
|  | Graphite 02  |   |          |   |             |   |              |   |                    |   |          |   |           |
|  | Dark Grey 03   |   |          |   |             |   |              |   |                    |   |          |   |           |
|  | Aluminum Silver 04   |   |          |   |             |   |              |   |                    |   |          |   |           |
|  | White 06   |   |          |   |             |   |              |   |                    |   |          |   |           |
|  | Corten 08  |   |          |   |             |   |              |   |                    |   |          |   |           |

### Light Distribution



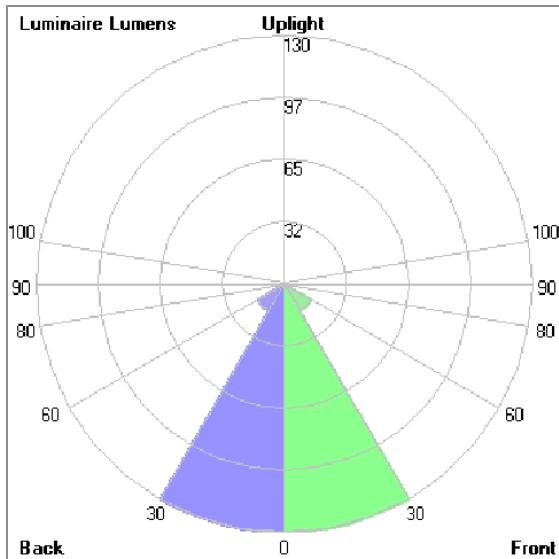
# ALPHA

## MICRO ALPHA ROUND – CC SPOTLIGHT

 **Unilamp**

LAST UPDATE: 03-02-2026

### Bug Report



### Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens | %Lamp | %Lum     |
|------------|-----------|---------|-------|----------|
| FL         | [0-30]    | 129.9   | 31.7  | 43.8     |
| FM         | [30-60]   | 16.5    | 4.0   | 5.6      |
| FH         | [60-80]   | 1.6     | 0.4   | 0.5      |
| FVH        | [80-90]   | 0.1     | 0.0   | 0.0      |
| BL         | [0-30]    | 129.9   | 31.7  | 43.8     |
| BM         | [30-60]   | 16.5    | 4.0   | 5.6      |
| BH         | [60-80]   | 1.6     | 0.4   | 0.5      |
| BVH        | [80-90]   | 0.1     | 0.0   | 0.0      |
| UL         | [90-100]  | 0.0     | 0.0   | 0.0      |
| UH         | [100-180] | 0.4     | 0.1   | 0.1      |
| Total      |           | 296.6   | 72.3  | 100.0    |
| BUG Rating |           |         |       | B1-U1-GO |

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

Unilamp Co., Ltd.  
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand  
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1  
Fax : +66[0]2 943 2419  
online@unilamp.co.th  
www.unilamp.co.th

# ALPHA

## MICRO ALPHA ROUND – CC SPOTLIGHT

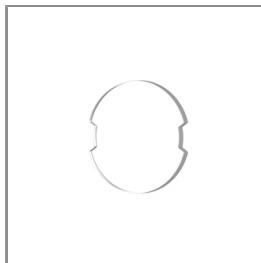
 **Unilamp**

LAST UPDATE: 03-02-2026

### Accessories



Ordering Code:  
AUN-DRG-0007-00  
LED constant current  
driver, 1200mA, 6W, with  
IP67 GFR polymer  
enclosure, On-Off



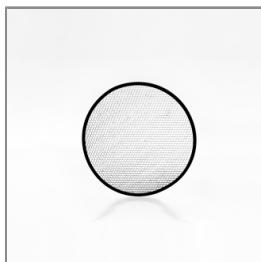
Ordering Code:  
AUN-SOF-0027-00  
Softening filter, LED,  
pre-assembly from factory



Ordering Code:  
AUN-ESP-0003-XX  
Earth spike, L= 900mm,  
aluminum, pre-assembly  
from factory



Ordering Code:  
AUN-TRS-0004-00  
Tree Strap



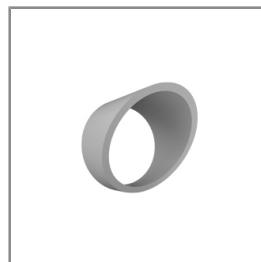
Ordering Code:  
AUN-GSH-0016-00  
Honeycomb louver, LED,  
pre-assembly from factory



Ordering Code:  
AUN-ESP-0006-XX  
Earth spike, L= 900mm,  
aluminum, single side  
luminaire mounting



Ordering Code:  
AUN-ESP-0007-XX  
Earth spike, L= 900mm,  
aluminum, double sided  
luminaire mounting



Ordering Code:  
AUN-GSH-0054-XX  
Glare shield cap