

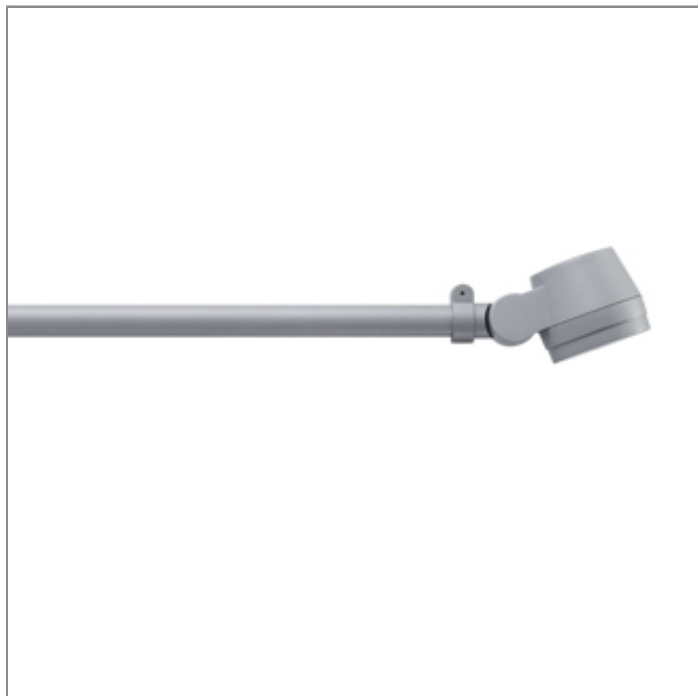
# ALPHA

## MINI ALPHA ROUND ARM

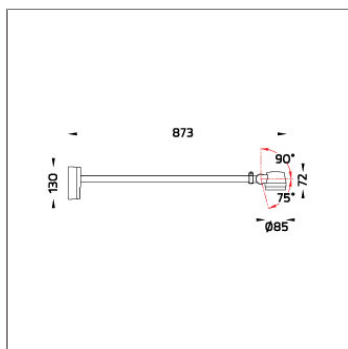
### SPOTLIGHT



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 :	5923-D-3-531-XX
Lamp :	LED
Beam :	50°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	960 lm
Luminaire Lumen :	710 lm
Lamp Wattage :	8.1 W
Luminaire Wattage :	10 W
Efficacy :	71 lm/w
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.70 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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online@unilamp.co.th  
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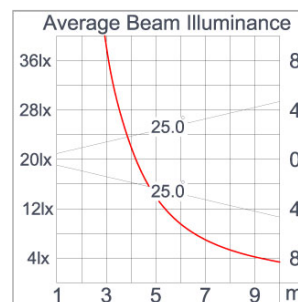
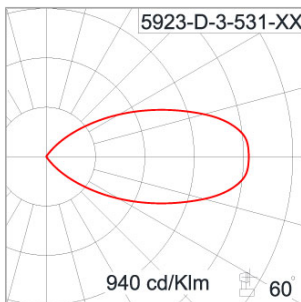
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#### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires
Protection	IP66 Class I
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components. Extruded aluminum 56063 alloy body with low copper content.
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	 Black 01
	 Graphite 02
	 Dark Grey 03
	 Aluminum Silver 04
	 White 06

#### Light Distribution



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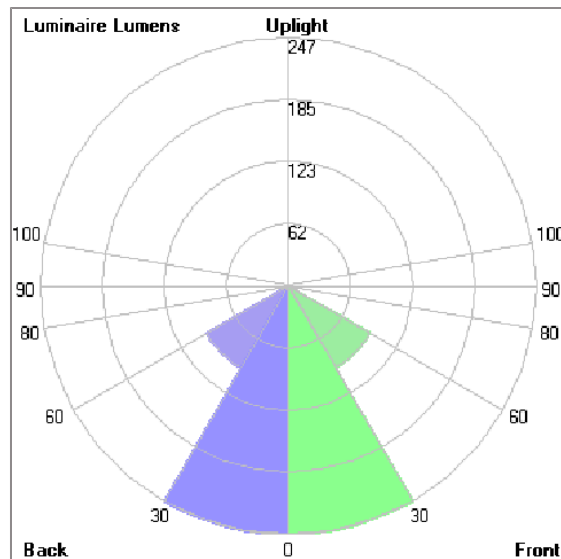
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### SPOTLIGHT



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#### Bug Report



#### Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	246.9	25.7	35.3
FM	[30-60]	93.8	9.8	13.4
FH	[60-80]	9.1	0.9	1.3
FVH	[80-90]	0.0	0.0	0.0
BL	[0-30]	246.9	25.7	35.3
BM	[30-60]	93.8	9.8	13.4
BH	[60-80]	9.1	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		699.6	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



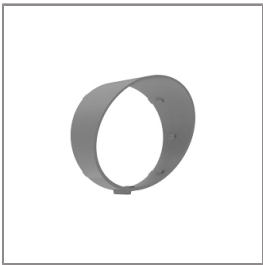
Ordering Code:  
AUN-SOF-0022-00  
Softening filter, LED,  
pre-assembly from factory



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



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