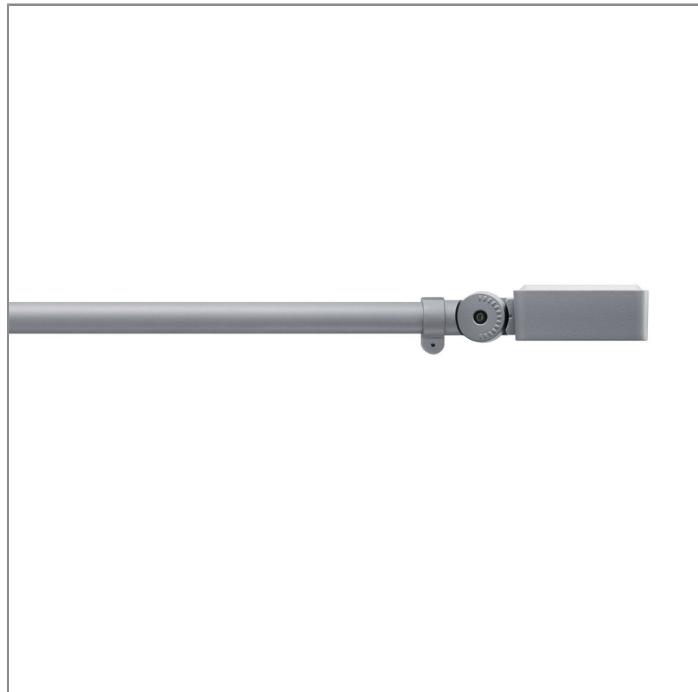


# ALPHA

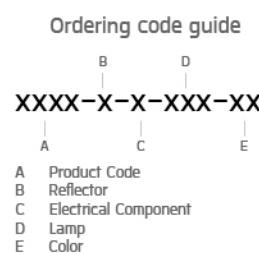
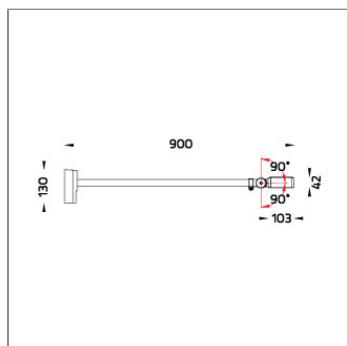
## MINI ALPHA SQUARE ARM SPOTLIGHT

 **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.



### Technical Data



Ordering Code :	5946-E-4-677-XX
Lamp :	LED
Beam :	95°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1040 lm
Luminaire Lumen :	730 lm
Lamp Wattage :	8.4 W
Luminaire Wattage :	10 W
Efficacy :	73 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	2.10 kg.



Icon definition

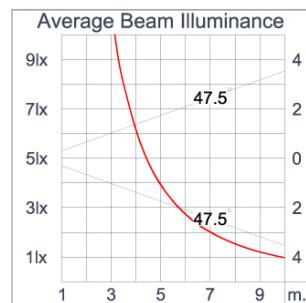
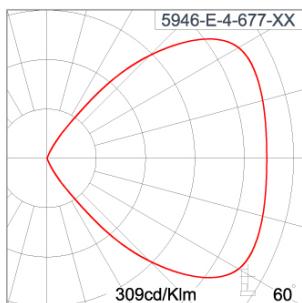
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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online@unilamp.co.th  
www.unilamp.co.th

### Specification

IEC Standard	IEC 60598-1 General Requirement												
	IEC 60598-2-1 Fixed Luminaires												
Protection	IP66 Class I												
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.												
	Extruded aluminum S6063 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 HO5RN-F/ HO7RN-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 Dimmable Driver [1-10V] in constant current. Conform to applicable safety standards and electromagnetic compatibility.												
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	<table border="0"> <tr> <td></td> <td>Black O1</td> </tr> <tr> <td></td> <td>Graphite O2</td> </tr> <tr> <td></td> <td>Dark Grey O3</td> </tr> <tr> <td></td> <td>Aluminum Silver O4</td> </tr> <tr> <td></td> <td>White O6</td> </tr> <tr> <td></td> <td>Corten O8</td> </tr> </table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6		Corten O8
	Black O1												
	Graphite O2												
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	Aluminum Silver O4												
	White O6												
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### Light Distribution



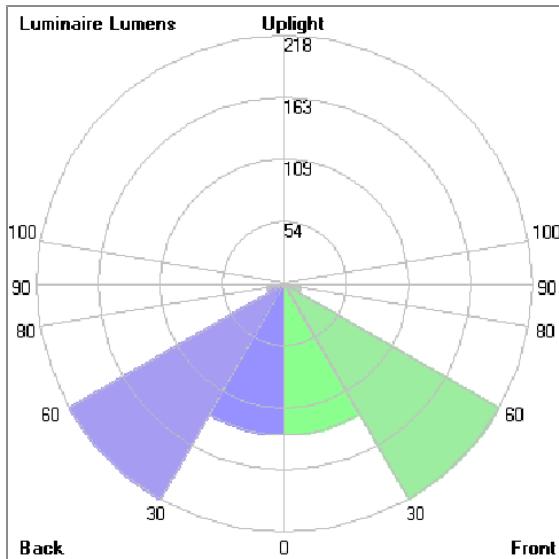
# ALPHA

## MINI ALPHA SQUARE ARM SPOTLIGHT

 **Unilamp**

LAST UPDATE: 03-02-2026

### Bug Report



### Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	132.1	12.7	18.1
FM	[30-60]	217.7	20.9	29.8
FH	[60-80]	15.1	1.5	2.1
FVH	[80-90]	0.1	0.0	0.0
BL	[0-30]	132.1	12.7	18.1
BM	[30-60]	217.7	20.9	29.8
BH	[60-80]	15.1	1.5	2.1
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	0.0
Total		730.3	70.2	100.0
BUG Rating			B1-U1-GO	

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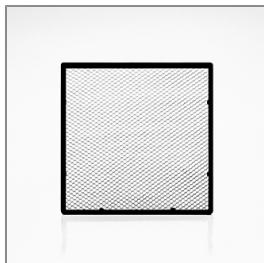
# ALPHA

## MINI ALPHA SQUARE ARM SPOTLIGHT

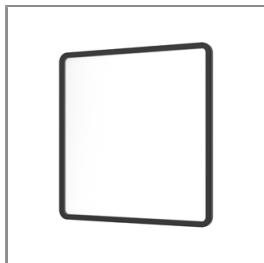
 **Unilamp**

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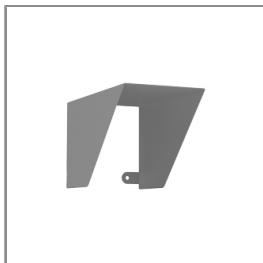
### Accessories



Ordering Code:  
AUN-GSH-0007-00  
Honeycomb louver, LED,  
pre-assembly from factory



Ordering Code:  
AUN-SOF-0021-00  
Softening filter, LED,  
pre-assembly from factory



Ordering Code:  
AUN-GHS-0029-XX  
Glare shield cap



Ordering Code:  
AUN-CAB-0012-00  
Cable HO5RR-F 5x1, L=  
2000mm, with UniBlock  
anti-humidity kit,  
pre-assembly from factory