### MINI ALPHA SQUARE - CC

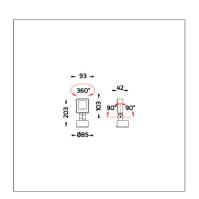
**SPOTLIGHT** 

LAST UPDATE: 10-10-2025





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 : 5943-D-2-545-XX

 Lamp:
 LED

 Beam:
 67°

 CCT:
 4000 K

 CRI:
 CRI >80

 SDCM:
 SDCM = 3

 Lamp Lumen:
 1530 lm

 Luminaire Lumen:
 1200 lm

Lamp Wattage: 13 W(1050mA)
Luminaire Wattage: 13 W
Efficacy: 92 lm/W

Ambient Temperature : 40°C

Lumen Maintenance L70B10 >60,000 h

Controller: Remote

Input Voltage: 1050mA, 11.8Vdc, Uin max 500Vdc

Net Weight: 0.90 kg.



Icon definition

### MINI ALPHA SQUARE - CC

**SPOTLIGHT** 

LAST UPDATE: 10-10-2025



#### Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-1 Fixed Luminaires

Protection IP66 Class III

Protection against mechanical impact IKO8 on body and IKO6 optical part. IK Rating

High-pressure die cast aluminum alloy body and components. Luminaires Body Housing

**Coating Process** Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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.

Molded PC lens from renowned manufacturers in various light distribution patterns. Lens

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 are in stainless steel with protection grease. External Screws

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 utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat

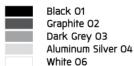
conductive material.

Driver Driver is not included and has to be ordered separately.

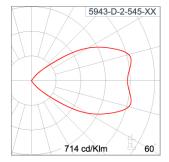
Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. Internal Wire

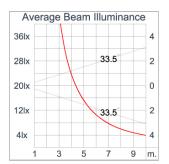
Terminal Block Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Caution Installation work has to be carried on according to the enclosed installation manual.

Color



## Light Distribution





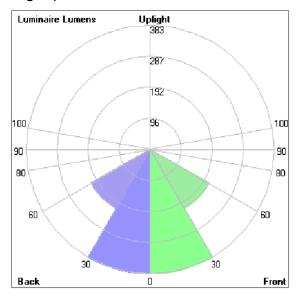
## MINI ALPHA SQUARE - CC

**SPOTLIGHT** 



LAST UPDATE: 10-10-2025

## **Bug Report**



Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	383.3	25.1	31.9
FM	[30-60]	209.6	13.7	17.5
FH	[60-80]	6.8	0.4	0.6
FVH	[80-90]	0.1	0.0	0.0
BL	[0-30]	383.3	25.1	31.9
ВМ	[30-60]	209.6	13.7	17.5
ВН	[60-80]	6.8	0.4	0.6
BVH	[80-90]	0.1	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.7	0.0	0.1
Total		1200.3	78.4	100.0
BUG Rating		B1-U1-G0		

online@unilamp.co.th

www.unilamp.co.th

### MINI ALPHA SQUARE - CC

**SPOTLIGHT** 

LAST UPDATE: 10-10-2025



#### Accessories



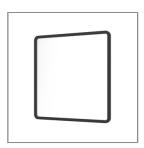
Ordering Code: AUN-DRG-0004-01 LED constant current driver, 1050mA, 22W, with IP67 GFR polymer enclosure, On-Off



Ordering Code: AUN-DRG-0006-01 LED constant current driver, 1050mA, 38W, with IP67 GFR polymer enclosure, DALI



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



Ordering Code: AUN-SOF-OO21-OO 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-OO01-OO
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-GHS-0029-XX Glare shield cap



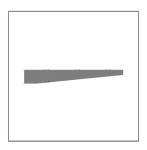
Ordering Code: AUN-CLP-0006-XX Pole clamp, pole diameter 60-76mm

### MINI ALPHA SQUARE - CC

**SPOTLIGHT** 

LAST UPDATE: 10-10-2025





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



Ordering Code: STEEL-POLE-FOR-ALPHA-SPOTLIGHT AUN-DRG-0021-00 Please contact Sales Representative



Ordering Code: LED constant current driver, 1050mA, 38W, with IP67 GFR polymer enclosure, 1-10V

online@unilamp.co.th

www.unilamp.co.th