

ALPHA

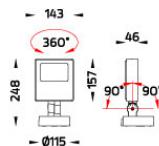
MEDIUM ALPHA SQUARE SPOTLIGHT

 **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 : 5944-A-3-523-XX

Lamp : LED

Beam : 12°

CCT : 2700 K

CRI : CRI >80

SDCM : SDCM = 3

Lamp Lumen : 1920 lm

Luminaire Lumen : 1800 lm

Lamp Wattage : 17 W

Luminaire Wattage : 19 W

Efficacy : 94 lm/w

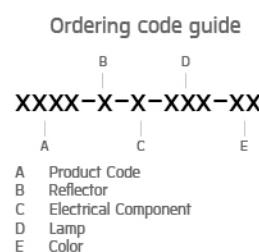
Ambient Temperature : 50°C

Lumen Maintenance : L70B10 >66,000 h

Controller : On-Off

Input Voltage : 220-240Vac 50/60Hz

Net Weight : 1.80 kg.



Icon definition

*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

MEDIUM ALPHA SQUARE SPOTLIGHT

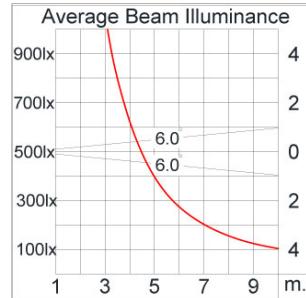
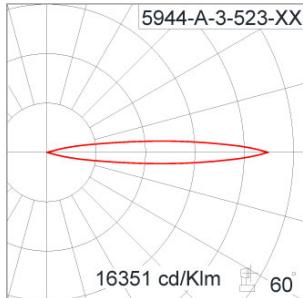
 **Unilamp**

LAST UPDATE: 03-02-2026

Specification

IEC Standard	IEC 60598-1 General Requirement												
	IEC 60598-2-1 Fixed Luminaires												
Protection	IP66 Class I												
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 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.												
Caution	Class1 luminaire provided with the earth connection.												
Color	<table><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												
	Dark Grey O3												
	Aluminum Silver O4												
	White O6												
	Corten O8												

Light Distribution



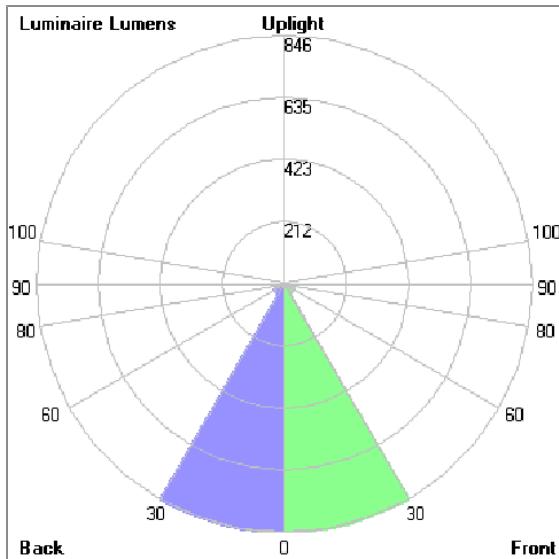
ALPHA

MEDIUM ALPHA SQUARE SPOTLIGHT

 **Unilamp**

LAST UPDATE: 03-02-2026

Bug Report



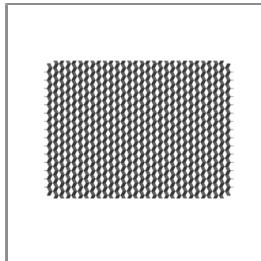
Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	846.1	44.1	47.2
FM	[30-60]	40.8	2.1	2.3
FH	[60-80]	7.1	0.4	0.4
FVH	[80-90]	0.3	0.0	0.0
BL	[0-30]	846.1	44.1	47.2
BM	[30-60]	40.8	2.1	2.3
BH	[60-80]	7.1	0.4	0.4
BVH	[80-90]	0.3	0.0	0.0
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	2.5	0.1	0.1
Total		1791.1	93.3	100.0
BUG Rating			B2-U1-G0	

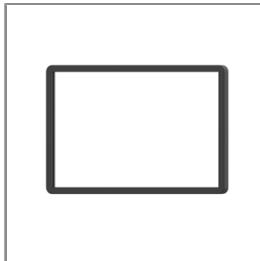
Accessories



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



Ordering Code:
AUN-GSH-0013-00
Honeycomb louver, LED,
pre-assembly from factory



Ordering Code:
AUN-SOF-0028-00
Softening filter, LED,
pre-assembly from factory



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



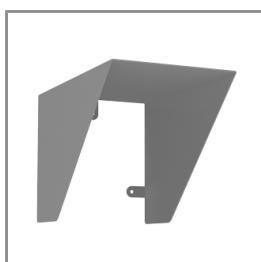
Ordering Code:
AUN-CAB-0002-00
Cable HO7RN-F 3x1sqmm,
L= 2000, with UniBlock
anti-humidity kit,
pre-assembly from factory



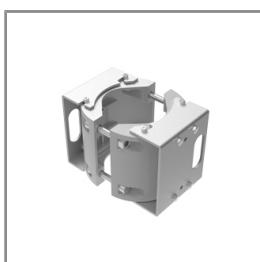
Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter
102-105mm



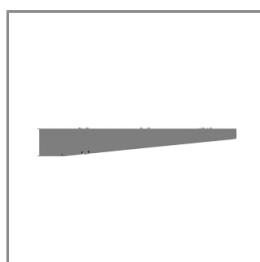
Ordering Code:
AUN-CAB-0004-00
Cable HO7RN-F 3x1sqmm,
L= 500, with UniBlock
anti-humidity kit,
pre-assembly from factory



Ordering Code:
AUN-GHS-0031-XX
Glare shield cap



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



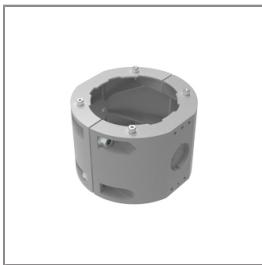
Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3
projector

ALPHA

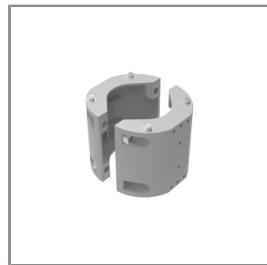
MEDIUM ALPHA SQUARE SPOTLIGHT

 **Unilamp**

LAST UPDATE: 03-02-2026



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
Please contact Sales
Representative