

# ALPHA

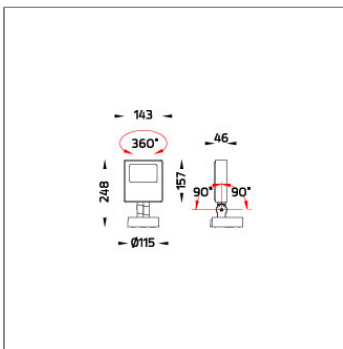
## MEDIUM ALPHA SQUARE SPOTLIGHT



LAST UPDATE: 13-03-2026



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-H-5-523-XX
Lamp :	LED
Beam :	45°/14°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	1920 lm
Luminaire Lumen :	1630 lm
Lamp Wattage :	17 W
Luminaire Wattage :	19 W
Efficacy :	85 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.90 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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## MEDIUM ALPHA SQUARE

### SPOTLIGHT

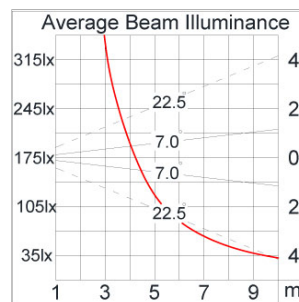
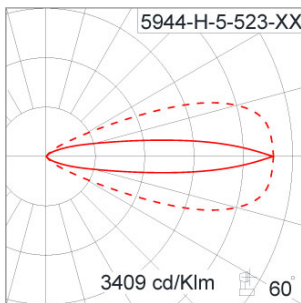


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#### Specification

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 DALI Driver 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><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
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	Graphite O2												
	Dark Grey O3												
	Aluminum Silver O4												
	White O6												
	Corten O8												

#### Light Distribution



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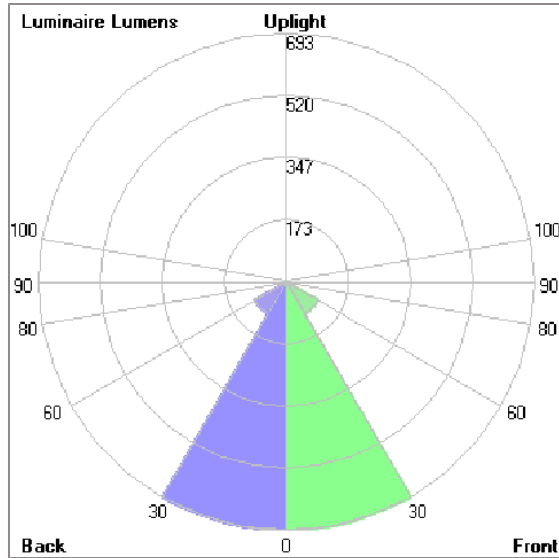
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### SPOTLIGHT



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#### Bug Report



#### Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	693.3	36.1	42.9
FM	[30-60]	103.2	5.4	6.4
FH	[60-80]	10.4	0.5	0.6
FVH	[80-90]	0.3	0.0	0.0
BL	[0-30]	693.3	36.1	42.9
BM	[30-60]	103.2	5.4	6.4
BH	[60-80]	10.4	0.5	0.6
BVH	[80-90]	0.3	0.0	0.0
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	1.1	0.1	0.1
Total		1615.5	84.1	100.0
BUG Rating				B2-U1-G0

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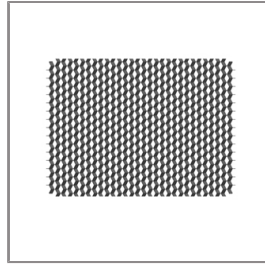


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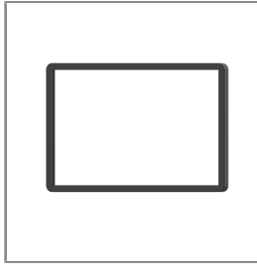
#### Accessories



Ordering Code:  
AUN-CON-0011-00  
IP68 connection device,  
cable diameter 7.1-13mm,  
1-10V or DALI



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



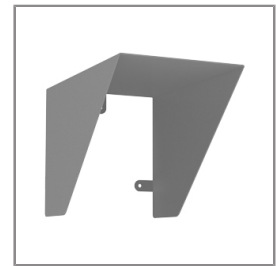
Ordering Code:  
AUN-TRS-0003-01  
Tree strap, small mounting  
base



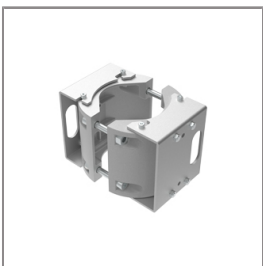
Ordering Code:  
AUN-CON-0014-00  
IP68 connection device,  
cable diameter 8-12.5mm,  
1-10V or DALI



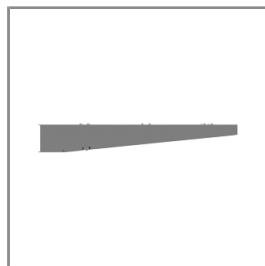
Ordering Code:  
AUN-CLP-0004-XX  
Pole clamp, pole diameter  
102-105mm



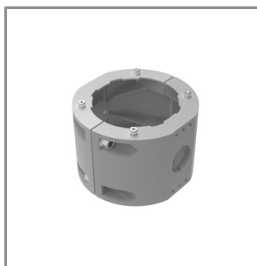
Ordering Code:  
AUN-GHS-0031-XX  
Glare shield cap



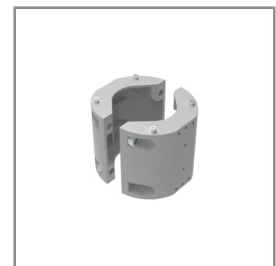
Ordering Code:  
AUN-CLP-0006-XX  
Pole clamp, pole diameter  
60-76mm



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



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

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Ordering Code:

ALUMINUM-POLE-FOR-ALPHA-SPOTLIGHT

Please contact Sales

Representative



Ordering Code:

STEEL-POLE-FOR-ALPHA-SPOTLIGHT

Please contact Sales

Representative

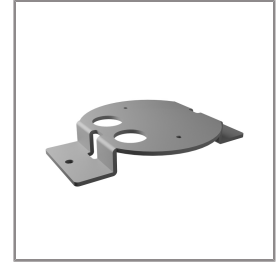


Ordering Code:

AUN-CAB-0012-00

Cable H05RR-F 5x1, L=

2000mm, with UniBlock  
anti-humidity kit,  
pre-assembly from factory



Ordering Code:

AUN-BRK-0011-XX

Mounting bracket,  
pre-assembly from factory