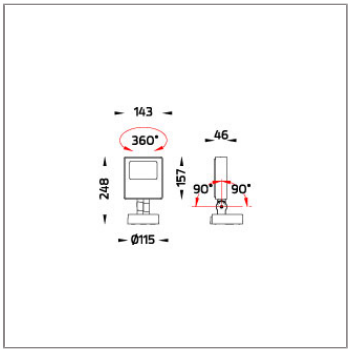
ALPHA

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

IP66

Ordering Code :	5944-A-5-898-XX
Lamp :	LED
Beam :	12°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2060 lm
Luminaire Lumen :	1930 lm
Lamp Wattage :	17 W
Luminaire Wattage :	19 W
Efficacy :	101 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

B D

XXXX-X-X-XXX-XX

A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC Icon definition

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

Unilamp Co., Ltd.
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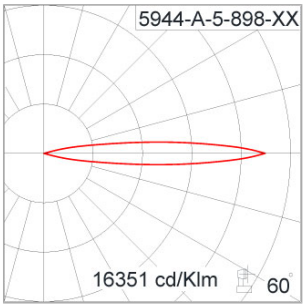
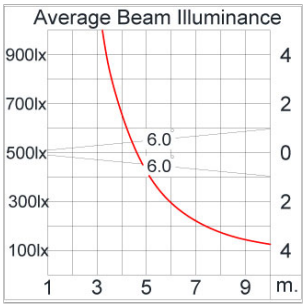
Specification

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. 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.
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 H05RN-F/ H07RN-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	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06 Corten 08

Light Distribution





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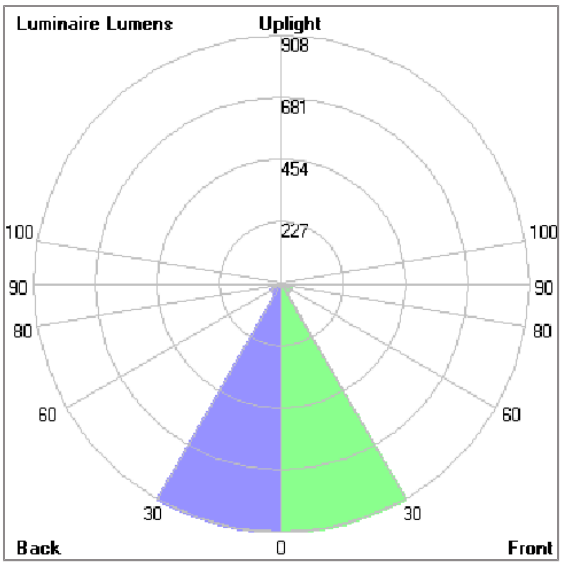
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	907.8	44.1	47.2
FM	[30-60]	43.7	2.1	2.3
FH	[60-80]	7.6	0.4	0.4
FVH	[80-90]	0.3	0.0	0.0
BL	[0-30]	907.8	44.1	47.2
BM	[30-60]	43.7	2.1	2.3
BH	[60-80]	7.6	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]	2.8	0.1	0.1
Total		1921.6	93.3	100.0
BUG Rating		B2-U1-G0		

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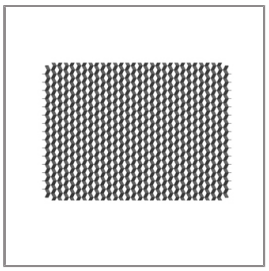
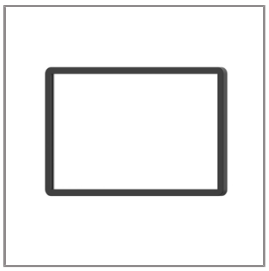
Unilamp

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



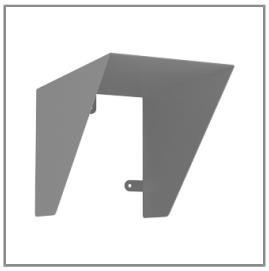
Ordering Code:
AUN-SOF-0028-00
Softening filter, LED, pre-assembly from factory

Ordering Code:
AUN-ESP-0002-01
Earth spike, GFR polymer

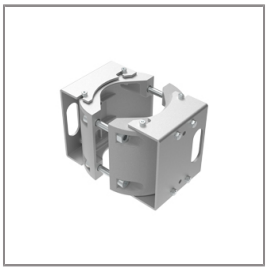
Ordering Code:
AUN-TRS-0003-01
Tree strap, small mounting base

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

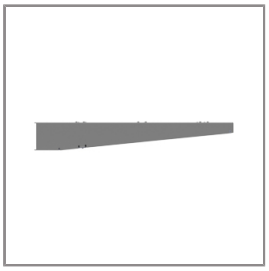
Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter 102-105mm



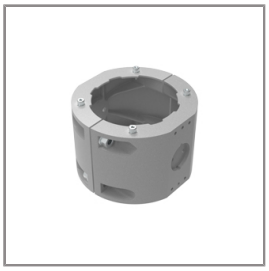
Ordering Code:
AUN-GHS-0031-XX
Glare shield cap



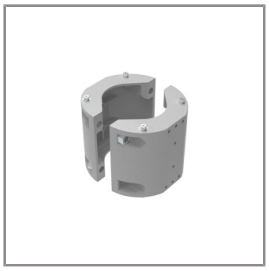
Ordering Code:
AUN-CLP-0006-XX
Pole clamp, pole diameter 60-76mm



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
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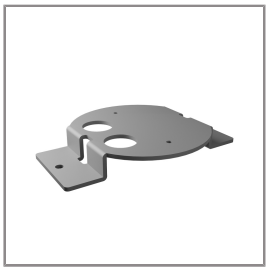
Ordering Code:
AUN-CAB-0012-00
Cable H05RR-F 5x1, L= 2000mm, with UniBlock anti-humidity kit, pre-assembly from factory



Ordering Code:
AUN-BRK-0011-XX
Mounting bracket, pre-assembly from factory

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