

# ALPHA

## MEDIUM ALPHA ROUND – ID SPOTLIGHT



LAST UPDATE: 22-07-2025



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 :	5962-D-5-537-XX
Lamp :	LED
Beam :	42°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2300 lm
Luminaire Lumen :	1400 lm
Lamp Wattage :	18 W
Luminaire Wattage :	19 W
Efficacy :	73 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.40 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

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### SPOTLIGHT

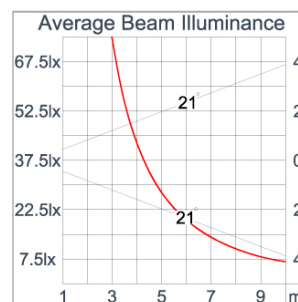
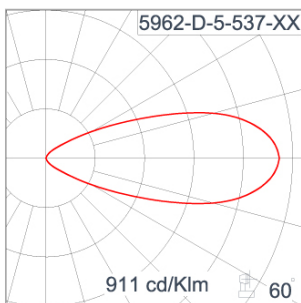


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#### Specification

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. Extruded aluminum 56063 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 H05RN-F/ H07RN-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 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></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6
	Black O1										
	Graphite O2										
	Dark Grey O3										
	Aluminum Silver O4										
	White O6										

#### Light Distribution



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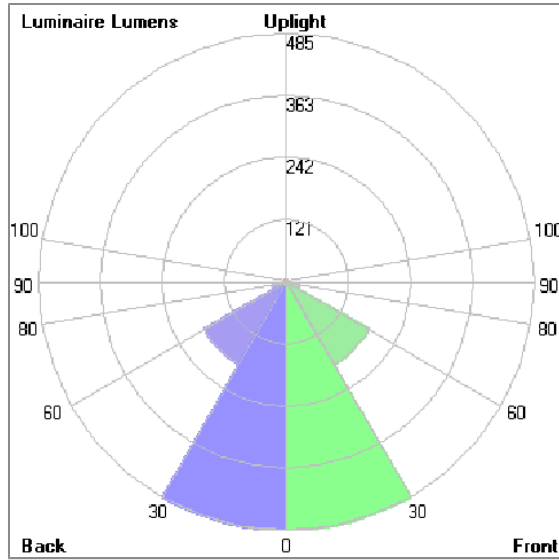
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### Bug Report



### Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	484.5	21.1	34.6
FM	[30-60]	185.8	8.1	13.3
FH	[60-80]	26.9	1.2	1.9
FVH	[80-90]	1.2	0.1	0.1
BL	[0-30]	484.5	21.1	34.6
BM	[30-60]	185.8	8.1	13.3
BH	[60-80]	26.9	1.2	1.9
BVH	[80-90]	1.2	0.1	0.1
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	3.4	0.1	0.2
Total		1400.2	61.1	100.0
BUG Rating		B1-U1-G0		

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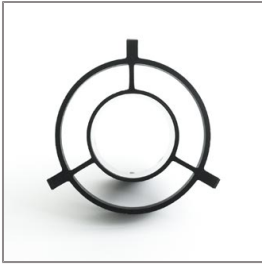
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#### Accessories



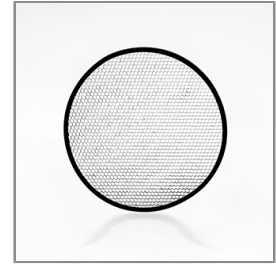
Ordering Code:  
AUN-GHS-0016-00  
Glare shield ring, COB



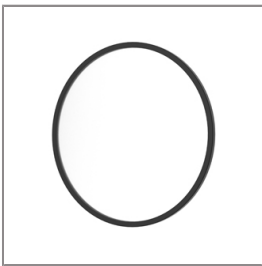
Ordering Code:  
AUN-ACB-0014-00  
Anchor bolt kit, bollard



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



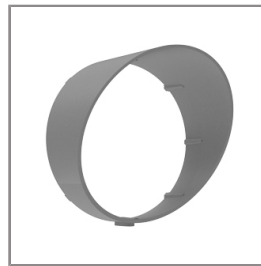
Ordering Code:  
AUN-GSH-0012-00  
Honeycomb louver, LED,  
pre-assembly from factory



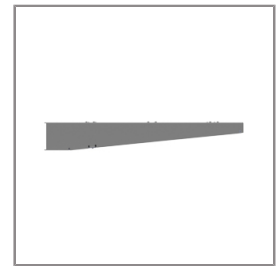
Ordering Code:  
AUN-SOF-0026-00  
Softening filter, LED,  
pre-assembly from factory



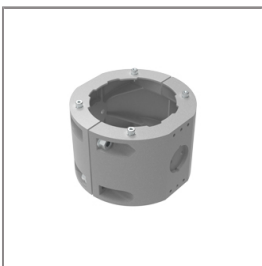
Ordering Code:  
AUN-CON-0014-00  
IP68 connection device,  
cable diameter 8-12.5mm,  
1-10V or DALI



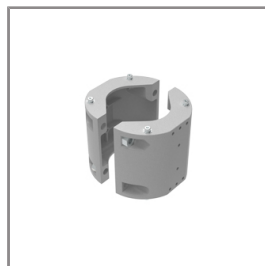
Ordering Code:  
AUN-GHS-0028-XX  
Glare shield cap



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:  
AUN-ESP-0001-00  
Earth spike, GFR polymer



Ordering Code:  
AUN-TRS-0001-00  
Tree strap, small mounting  
base

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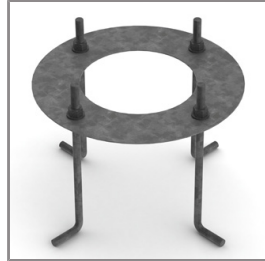
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Ordering Code:  
AUN-ACB-0008-00  
Anchor bolt kit, pole diameter 102mm and 151x102mm, galvanized steel pole



Ordering Code:  
AUN-ACB-0005-00  
Anchor bolt kit, aluminum pole



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



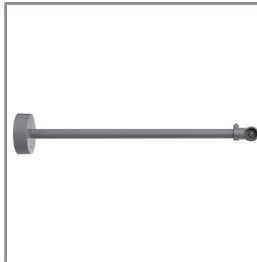
Ordering Code:  
STEEL-POLE-FOR-ALPHA-SPOTLIGHT  
Please contact Sales Representative



Ordering Code:  
AUN-MOT-0022-XX  
Mounting base, rotateable, 1-10V or DALI, pre-assembly from factory



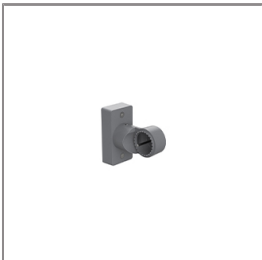
Ordering Code:  
AUN-POL-0044-XX  
Cylindrical aluminum pole, diameter 105mm, H= 522mm, 1-10V / DALI [pre-assembled from factory]



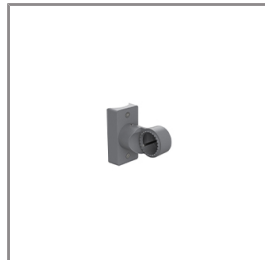
Ordering Code:  
AUN-MOT-0019-XX  
Outrigger arm, L= 740mm, 1-10V or DALI, pre-assembly from factory



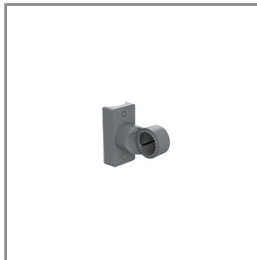
Ordering Code:  
AUN-ESP-0009-XX  
Earth spike, L= 900mm, aluminum, 1-10V or DALI, pre-assembly from factory



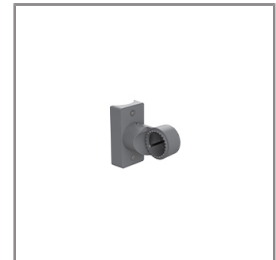
Ordering Code:  
AUN-MOT-0039-XX  
Pole mount adaptor, rectangular pole, 1-10V or DALI, pre-assembly from factory



Ordering Code:  
AUN-MOT-0033-XX  
Pole mount adaptor, pole diameter 60mm, 1-10V or DALI, pre-assembly from factory



Ordering Code:  
AUN-MOT-0035-XX  
Pole mount adaptor, pole diameter 76mm, 1-10V or DALI, pre-assembly from factory



Ordering Code:  
AUN-MOT-0037-XX  
Pole mount adaptor, pole diameter 102-105mm, 1-10V or DALI, pre-assembly from factory

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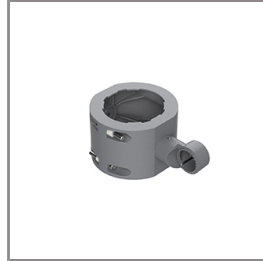
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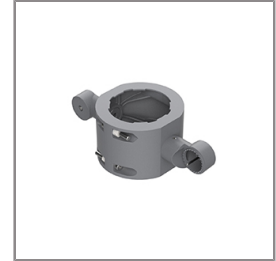
Ordering Code:  
AUN-CLP-0041-XX  
Pole clamp, pole diameter  
60-76mm, single side  
luminaire mounting , 1-10V  
or DALI, pre-assembly from  
factory



Ordering Code:  
AUN-CLP-0043-XX  
Pole clamp, pole diameter  
102-105mm, single side  
luminaire mounting , 1-10V  
or DALI, pre-assembly from  
factory



Ordering Code:  
AUN-CLP-0045-XX  
Pole clamp, pole diameter  
60-76mm, double sided  
luminaire mounting , 1-10V  
or DALI, pre-assembly from  
factory



Ordering Code:  
AUN-CLP-0047-XX  
Pole clamp, pole diameter  
102-105mm, double sided  
luminaire mounting , 1-10V  
or DALI, pre-assembly from  
factory



Ordering Code:  
AUN-ESP-0024-XX  
Earth spike, L=  
1390-1760mm, aluminum,  
length adjustable, 1-10V or  
DALI, pre-assembly from  
factory

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