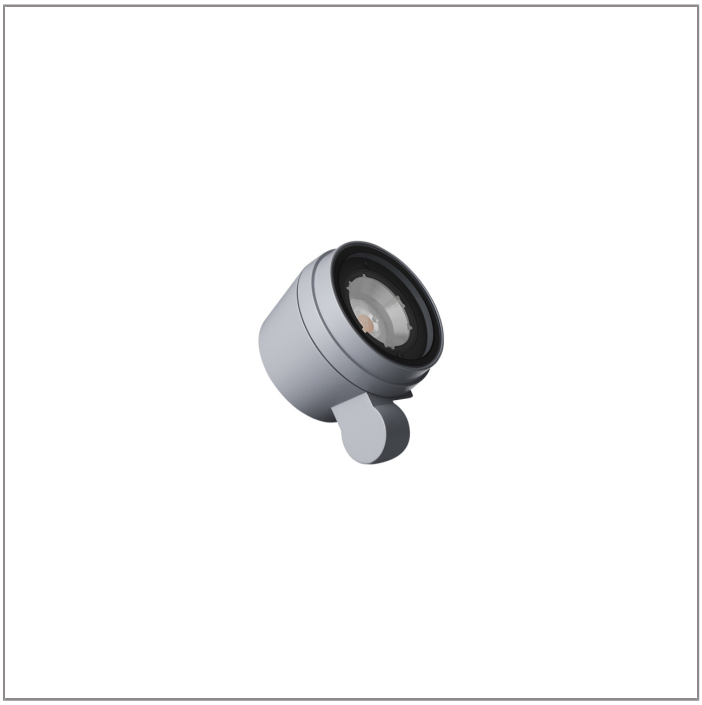
ALPHA

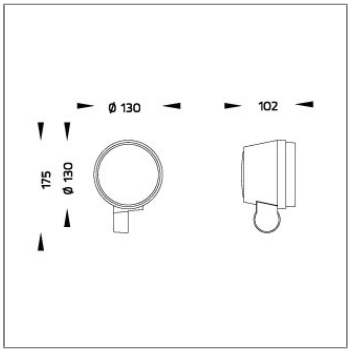
MEDIUM ALPHA ROUND – ID

SPOTLIGHT

LAST UPDATE: 19-08-2026



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 :	5962-D-4-891-XX
Lamp :	LED
Beam :	59°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2470 lm
Luminaire Lumen :	2080 lm
Lamp Wattage :	16 W
Luminaire Wattage :	18 W
Efficacy :	115 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	- 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

Icon definition

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Unilamp Co., Ltd.
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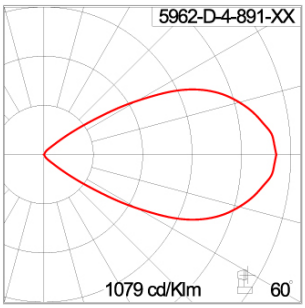
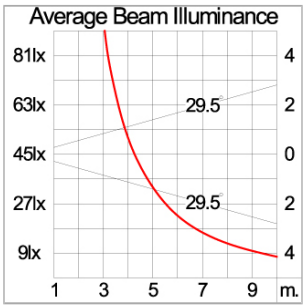
Specification

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	Durable high-pressure die-cast aluminum alloy for excellent mechanical performance.
Coating Process	The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga
Diffuser	Impact-resistant tempered glass designed for high-temperature environments.
Lens	Advanced molded PC lens offering diverse light distribution patterns.
Adjustable Optic	Adjustable aiming mechanism with graduated scale for precision control.
Gasket	Advanced post-cured silicone gasket offering superior weather and thermal resistance (-40°C to +200°C).
External Screws	Durable stainless steel screws with anti-corrosion grease for extended lifespan.
Cable Entry	M20 cable gland for secure cable entry, compatible with H05RN-F/H07RN-F cables (7-13mm).
Led	COB LED module with high efficiency, mounted on MCPCB for superior thermal management.
Driver	Smooth dimming 1-10V LED driver with precise current control and compliance certification.
Internal Wire	Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C.
Terminal Block	Certified GFR PA6.6 terminal block supporting up to 2.5 sqmm cables.
	Grounded Class 1 luminaire ensuring proper earthing for secure operation.
Caution	Installation must be performed as per the provided installation instructions.
Color	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06 Corten 08

Light Distribution





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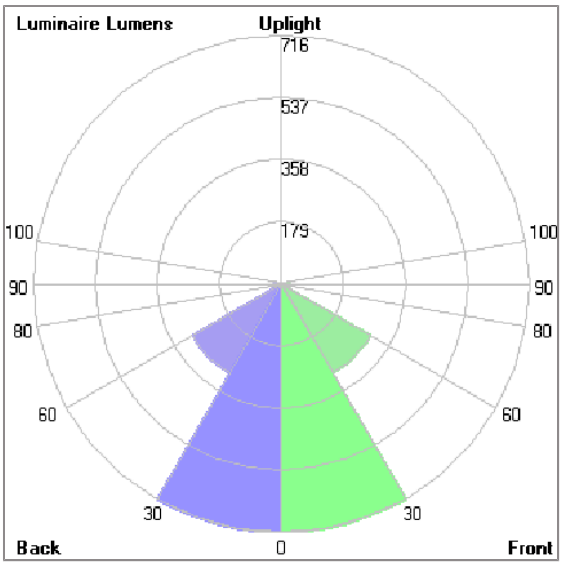
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	716.4	34.4	34.4
FM	[30-60]	297.0	14.3	14.3
FH	[60-80]	24.8	1.2	1.2
FVH	[80-90]	1.2	0.1	0.1
BL	[0-30]	716.4	34.4	34.4
BM	[30-60]	297.0	14.3	14.3
BH	[60-80]	24.8	1.2	1.2
BVH	[80-90]	1.2	0.1	0.1
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	0.7	0.0	0.0
Total		2079.5	100.0	100.0
BUG Rating		B2-U1-G0		

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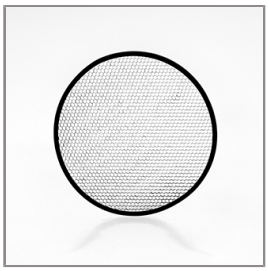
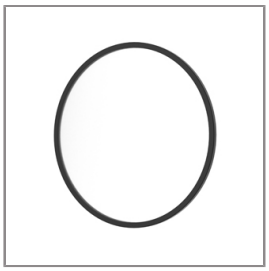
Accessories

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

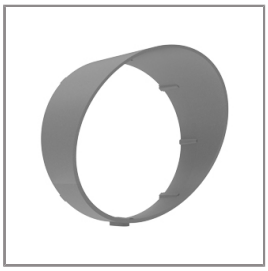


Ordering Code:
AUN-GSH-0012-00
Honeycomb louver, LED, pre-assembly from factory

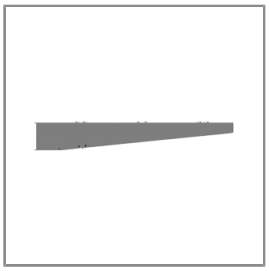


Ordering Code:
AUN-SOF-0026-00
Softening filter, LED, pre-assembly from factory

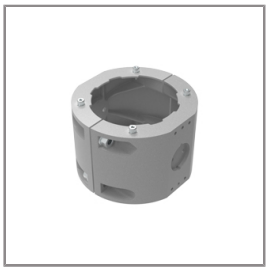
Ordering Code:
AUN-CON-0014-00
IP68 connection device, cable diameter 8-12.5mm, 1-10V or DALI



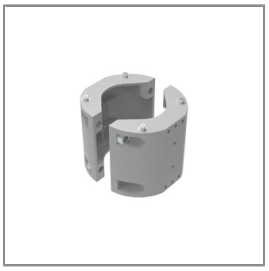
Ordering Code:
AUN-GHS-0028-XX
Glare shield cap



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

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

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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

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

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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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