ALPHA

MEDIUM ALPHA ROUND – CC

### SPOTLIGHT

Unilamp

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

CE | IP66 | IK 10/08
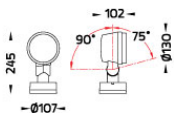
Ordering Code :	5924-B-2-905-XX
Lamp :	LED
Beam :	21°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	3390 lm
Luminaire Lumen :	2860 lm
Lamp Wattage :	23 W(700mA)
Luminaire Wattage :	23 W
Efficacy :	124 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	Remote
Input Voltage :	700mA, 32.8Vdc, Uin max 500Vdc
Net Weight :	– kg.

Ordering code guide

```
        B       D
XXXX-X-X-XXX-XX
     A   C      E
```

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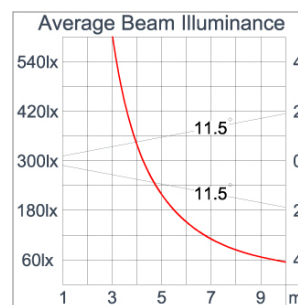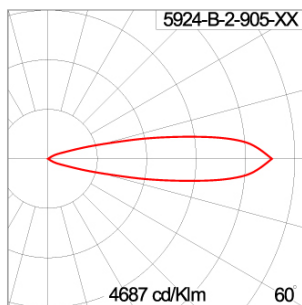C Electrical Component
D Lamp
E Color

IK BODY/OPTIC   Icon definition

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Specification

IEC Standard	IEC 60598–1 General Requirement
	IEC 60598–2–1 Fixed Luminaires
Protection	IP66 Class III
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 H05RN–F/ H07RN–F cable with 6–13mm. diameter.
Led	High efficiency LED module in COB technology. Assembled on MCPCB and mounted on to heat conductive material.
Driver	Driver is not included and has to be ordered separately.
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	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

Light Distribution

5924-B-2-905-XX

4687 cd/Klm   60

Average Beam Illuminance

540lx — 4
420lx — 2
11.5
300lx — 0
11.5
180lx — 2
60lx — 4

1 3 5 7 9 m.

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Bug Report

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1306.9	38.6	45.7
FM	[30-60]	106.3	3.1	3.7
FH	[60-80]	15.9	0.5	0.6
FVH	[80-90]	0.2	0.0	0.0
BL	[0-30]	1306.9	38.6	45.7
BM	[30-60]	106.3	3.1	3.7
BH	[60-80]	15.9	0.5	0.6
BVH	[80-90]	0.2	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	1.7	0.1	0.1
Total		2860.3	84.5	100.0
BUG Rating		B3-U1-G0		
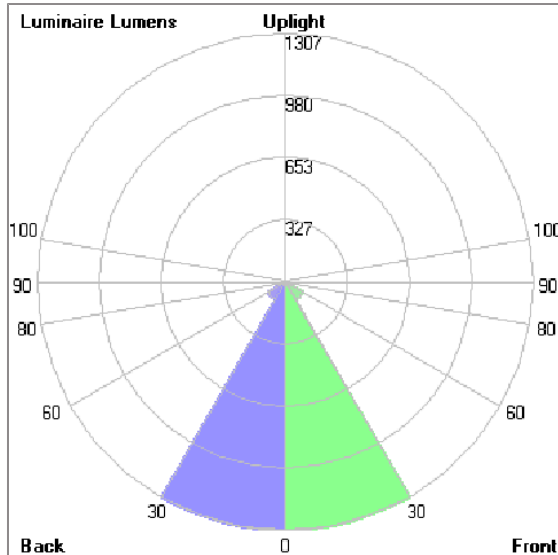
Lum. Classification System [LCS]

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Accessories

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

Ordering Code:
AUN-DRG-0008-00
LED constant current driver, 700mA, 40W, with IP67 GFR polymer enclosure, On–Off

Ordering Code:
AUN-DRG-0009-00
LED constant current driver, 700mA, 32W, with IP67 GFR polymer enclosure, 1–10V

Ordering Code:
AUN-DRG-0010-00
LED constant current driver, 700mA, 38W, with IP67 GFR polymer enclosure, DALI

Ordering Code:
AUN-CON-0013-00
IP68 connection device, cable diameter 7–11.5mm, On–Off

Ordering Code:
AUN-CAB-0001-00
Cable HO7RN-F 2x1sqmm, L= 2000, with UniBlock anti-humidity kit, pre-assembly from factory
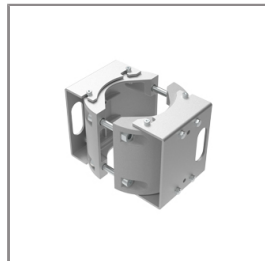

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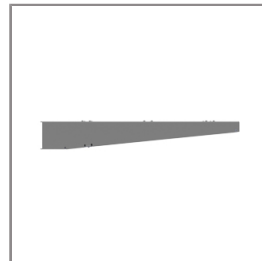AUN-CLP-0004-XX
Pole clamp, pole diameter 102–105mm

Ordering Code:
AUN-CAB-0005-00
Cable HO5RN-F 2x1sqmm, L= 500, with UniBlock anti-humidity kit, pre-assembly from factory
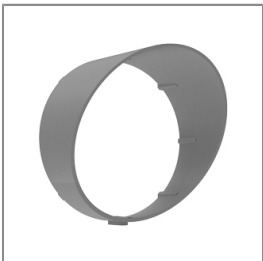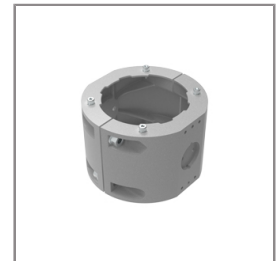

Ordering Code:
AUN-GHS-0028-XX
Glare shield cap

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

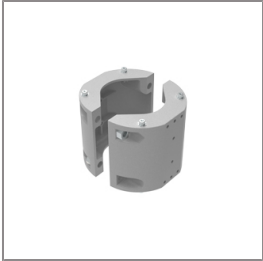# ALPHA

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Ordering Code:
AUN-CLP-0009-XX
Pole clamp, pole diameter
60-76mm, for wall or pole
mounting arm

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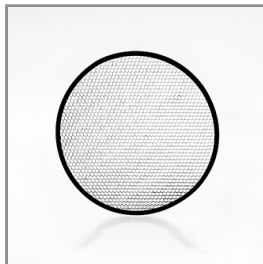AUN-ESP-0001-00
Earth spike, GFR polymer

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

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

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

Ordering Code:
AUN-GSH-0056-00
Honeycomb louver, LED,
pre-assembly from factory