ALPHA

## MINI ALPHA ROUND – ID WITHOUT BASE

SPOTLIGHTS

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 10/07
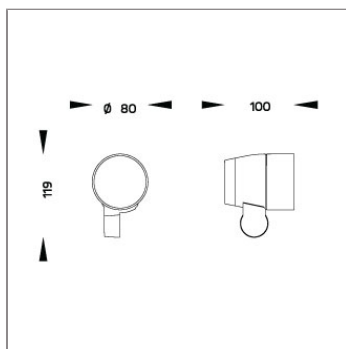
Ordering Code :	5973-4-3-293-XX
Lamp :	LED
Beam :	7°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	360 lm
Luminaire Lumen :	350 lm
Lamp Wattage :	4.3 W
Luminaire Wattage :	6 W
Efficacy :	58 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >51,400 h
Controller :	On-Off
Input Voltage :	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

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 I
IK Rating	Protection against mechanical impact IK10 on body and IK07 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 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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.
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
	Wooden Brown 07

Light Distribution
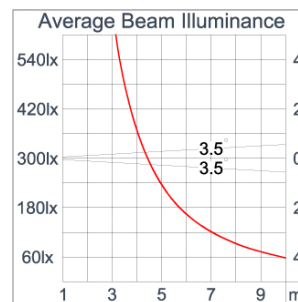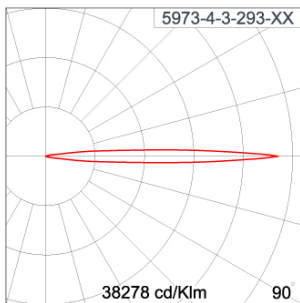
5973-4-3-293-XX

38278 cd/Klm   90

Average Beam Illuminance

540lx   4
420lx   2
300lx   3.5   0
         3.5
180lx   2
60lx   4

1 3 5 7 9 m.

Accessories

Ordering Code:
AUN-ACB-0014-00
Anchor Bolt Kit for Bollard

Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.

Ordering Code:
AUN-ESP-0002-01
Glass-Fiber Reinforced
Polymer Earth Spike

Ordering Code:
AUN-TRS-0003-01
Tree Strap for Small Base

Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
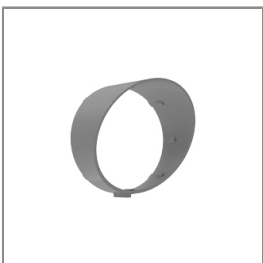Connecting Device, 3 Pole,
Cable Diameter 7 – 11.5mm.

Ordering Code:
AUN-CAB-0002-00
Cable HO7RN-F 3x1sqmm
length 2000 mm with
anti-humidity kit.
[pre-assembled from
factory]

Ordering Code:
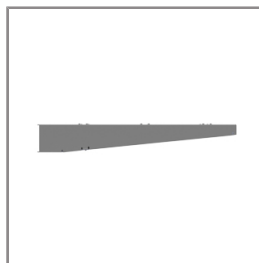AUN-CLP-0004-XX
Pole Clamp Diameter
102-105mm

Ordering Code:
AUN-CAB-0004-00
Cable HO7RN-F 3x1sqmm
length 500mm. with
anti-humidity
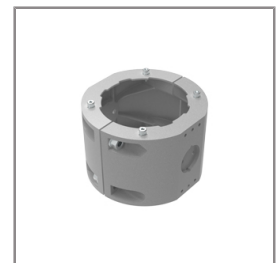kit.[pre-assembled from
factory]

Ordering Code:
AUN-GHS-0027-XX
Glare Shield Cap.
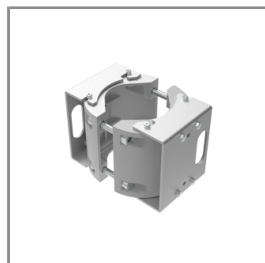
Ordering Code:
AUN-CLP-0006-XX
Pole Clamp Diameter
60-76mm.

Ordering Code:
AUN-MOT-0013-XX
Mounting arm for 1-3
Spotlights.

Ordering Code:
AUN-CLP-0008-XX
Pole Clamp Diameter
102-105mm. for mounting
arm.

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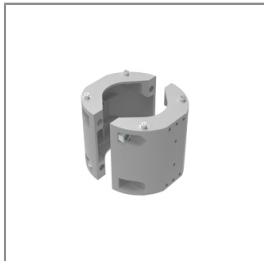
Ordering Code:
AUN-CLP-0009-XX
Pole Clamp Diameter
60-76mm. for mounting
arm.

Ordering Code:
AUN-ACB-0008-00
Anchor Bolt Kit for
Galvanized Steel Pole. [for
Diameter 102mm. and
151x102mm.]

Ordering Code:
AUN-ACB-0005-00
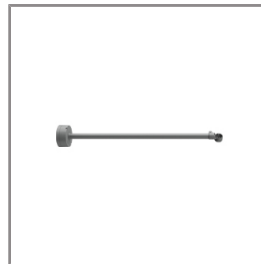Anchor Bolt Kit for
Aluminium Pole

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-0052-XX
Round base for Ground
mount. [On/Off]
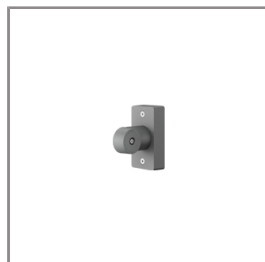[pre-assembled from
factory]

Ordering Code:
AUN-MOT-0053-XX
Aluminium Arm L 740mm.
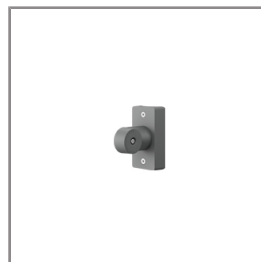[On/Off] [pre-assembled
from factory]

Ordering Code:
AUN-POL-0188-XX
Short Pole. [On/Off]
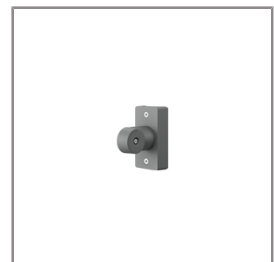[pre-assembled from
factory]

Ordering Code:
AUN-ESP-0021-XX
Aluminium Earth Spike L
900mm. [On/Off]
[pre-assembled from
factory]

Ordering Code:
AUN-MOT-0054-XX
Pole mount adaptor for
square pole. [On/Off]
[pre-assembled from
factory]

Ordering Code:
AUN-MOT-0055-XX
Pole mount adaptor for
pole dia 60mm. [On/Off]
[pre-assembled from
factory]

Ordering Code:
AUN-MOT-0056-XX
Pole mount adaptor for
pole dia 76mm. [On/Off]
[pre-assembled from
factory]

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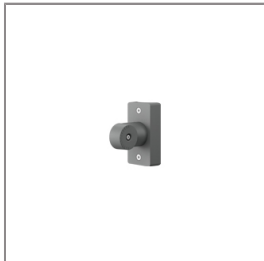
Ordering Code:
AUN-MOT-0057-XX
Pole mount adaptor for pole dia 102-105mm. [On/Off] [pre-assembled from factory]

Ordering Code:
AUN-CLP-0052-XX
Pole Clamp Single Side Diameter 60-76mm. [On/Off] [pre-assembled from factory]

Ordering Code:
AUN-CLP-0053-XX
Pole Clamp Double Side Diameter 60-76mm. [On/Off] [pre-assembled from factory]

Ordering Code:
AUN-CLP-0054-XX
Pole Clamp Single Side Diameter 102-105mm. [On/Off] [pre-assembled from factory]

Ordering Code:
AUN-CLP-0055-XX
Pole Clamp Double Side Diameter 102-105mm. [On/Off] [pre-assembled from factory]

Ordering Code:
AUN-ESP-0022-XX
Earth spike, L= 1390-1760mm, aluminium, length adjustable, On-Off, pre-assembly from factory