ALPHA

MINI ALPHA ROUND – ID

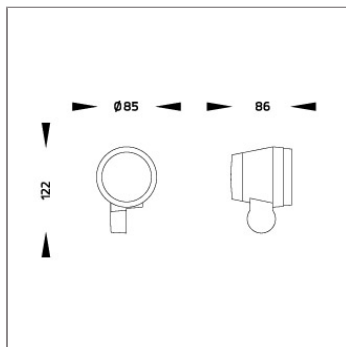### SPOTLIGHT

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.

Ø85   86   122

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

Technical Data

CE   IP66   IK 10/07

Ordering Code :	5972-C-3-886-XX
Lamp :	LED
Beam :	35°
CCT :	3000 K
Lamp Lumen :	1350 lm
Luminaire Lumen :	1050 lm
Lamp Wattage :	8.2 W
Luminaire Wattage :	9 W
Efficacy :	116 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	– kg.

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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	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	Certified constant current LED driver meeting all EMC and safety requirements.
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

Light Distribution

5972-C-3-886-XX

1699 cd/Klm   90

Average Beam Illuminance

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Bug Report

Luminaire Lumens / Uplight / Back / Front

Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	431.2	31.9	41.1
FM	[30-60]	84.0	6.2	8.0
FH	[60-80]	9.0	0.7	0.9
FVH	[80-90]	0.3	0.0	0.0
BL	[0-30]	431.2	31.9	41.1
BM	[30-60]	84.0	6.2	8.0
BH	[60-80]	9.0	0.7	0.9
BVH	[80-90]	0.3	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.5	0.0	0.0
Total		1049.5	77.6	100.0
BUG Rating	B1-U1-G0			

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

Unilamp Co., Ltd.
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand
Tel : +66[0]2 943 2420-1, +66[0]2 946 4170-1
Fax : +66[0]2 943 2419
online@unilamp.co.th
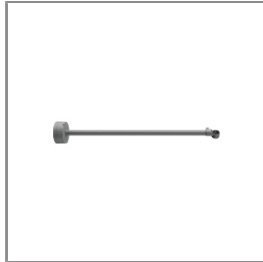www.unilamp.co.th

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Accessories

Ordering Code:
AUN-MOT-0052-XX
Mounting base, rotateable,
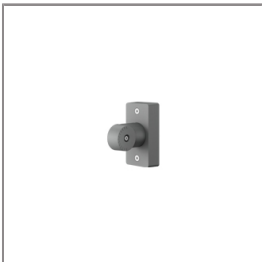On-Off, pre-assembly from
factory

Ordering Code:
AUN-MOT-0053-XX
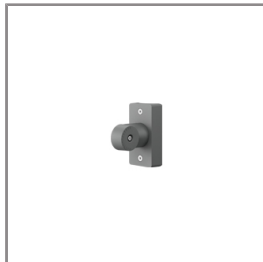Outrigger arm, L= 740mm,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-POL-0188-XX
Cylindrical aluminum pole,
diameter 105mm, H=
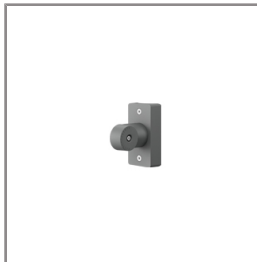522mm, (pre-assembled
from factory)

Ordering Code:
AUN-ESP-0021-XX
Earth spike, L= 900mm,
aluminum, On-Off,
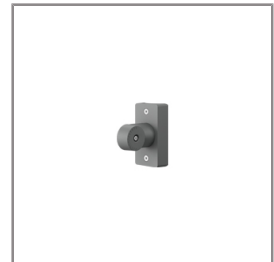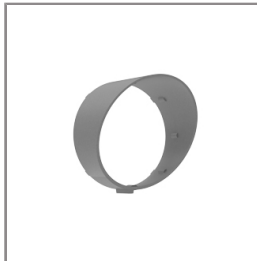pre-assembly from factory

Ordering Code:
AUN-MOT-0054-XX
Pole mount adaptor,
rectangular pole, On-Off,
pre-assembly from factory

Ordering Code:
AUN-MOT-0055-XX
Pole mount adaptor, pole
diameter 60mm, On-Off,
pre-assembly from factory

Ordering Code:
AUN-MOT-0056-XX
Pole mount adaptor, pole
diameter 76mm, On-Off,
pre-assembly from factory

Ordering Code:
AUN-MOT-0057-XX
Pole mount adaptor, pole
diameter 102-105mm,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-CLP-0052-XX
Pole clamp, pole diameter
60-76mm, single side
luminaire mounting ,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-CLP-0053-XX
Pole clamp, pole diameter
60-76mm, double sided
luminaire mounting ,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-CLP-0054-XX
Pole clamp, pole diameter
102-105mm, single side
luminaire mounting ,
On-Off, pre-assembly from
factory

Ordering Code:
AUN-CLP-0055-XX
Pole clamp, pole diameter
102-105mm, double sided
luminaire mounting ,
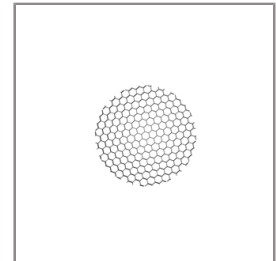On-Off, pre-assembly from
factory

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

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

Ordering Code:
AUN-GHS-0027-XX
Glare shield cap

Ordering Code:
AUN-GSH-0043-00
Honeycomb louver, COB, pre-assembly from factory

Ordering Code:
AUN-CAB-0004-00
Cable HO7RN-F 3x1sqmm, L= 500, with UniBlock anti-humidity kit, pre-assembly from factory
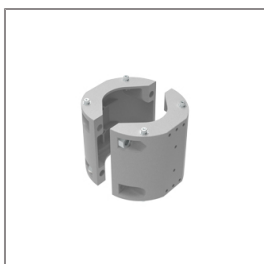

Ordering Code:
AUN-CAB-0002-00
Cable HO7RN-F 3x1sqmm, L= 2000, with UniBlock anti-humidity kit, pre-assembly from factory

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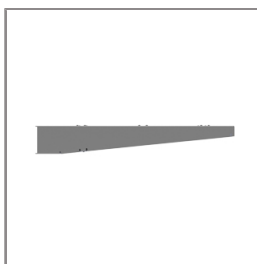IP68 connection device, cable diameter 7-11.5mm, On-Off

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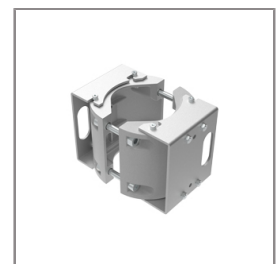IP68 connection device, cable diameter 5-9.5mm, On-Off

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

Ordering Code:
AUN-CLP-0008-XX
Pole clamp, pole diameter 102-105mm, for wall or pole mounting arm

Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3 projector

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

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

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-ACB-0014-00
Anchor bolt kit, bollard

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

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

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