MEDIUM ALPHA ROUND - ID

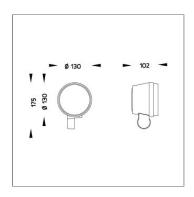
SPOTLIGHT

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-H-3-539-XX

Lamp: LED Beam: 46°/16° CCT: 4000 K CRI >80 CRI: SDCM: SDCM = 3Lamp Lumen: 2460 lm Luminaire Lumen : 1690 lm Lamp Wattage: 18 W Luminaire Wattage: 19 W 88 lm/W Efficacy: Ambient Temperature : 40°C

Lumen Maintenance L80B10 >108,000 h

Controller : On-Off

Input Voltage: 220–240Vac 50/60Hz

Net Weight: 1.40 kg.

Ordering code guide

B
D
I
XXXX-X-X-XXXX-XX
A
C
A
Product Code
B
Reflector
C
Electrical Component
D
Lamp
E
Color



Icon definition

online@unilamp.co.th www.unilamp.co.th



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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 S6063 alloy body with low copper content.

Coating Process Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare 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 are in stainless steel with protection grease.

Cable Entry Cable entry protected by M2O cable gland. To be used with HO5RN-F/ HO7RN-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.

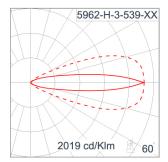
Class1 luminaire provided with the earth connection.

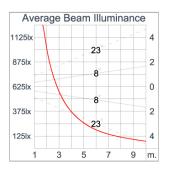
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





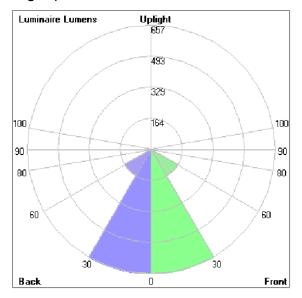
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	657.1	26.7	39.2
FM	[30-60]	158.1	6.4	9.4
FH	[60-80]	20.7	8.0	1.2
FVH	[80-90]	0.9	0.0	0.1
BL	[0-30]	657.1	26.7	39.2
ВМ	[30-60]	158.1	6.4	9.4
BH	[60-80]	20.7	0.8	1.2
BVH	[80-90]	0.9	0.0	0.1
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	2.5	0.1	0.1
Total		1676.1	67.9	100.0
BUG Rating		B2-U1-G0		

online@unilamp.co.th

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Accessories



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



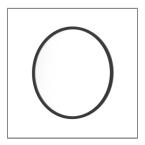
Ordering Code: AUN-ACB-0014-00 Anchor bolt kit, bollard



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



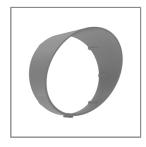
Ordering Code: AUN-GSH-0012-00 Honeycomb louver, LED, pre-assembly from factory



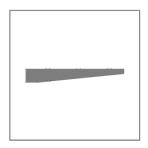
Ordering Code: AUN-SOF-0026-00 Softening filter, LED, pre-assembly from factory



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



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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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: Please contact Sales Representative



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



Ordering Code: AUN-MOT-0021-XX Mounting base, rotateable, On-Off, pre-assembly from factory



Ordering Code: AUN-POL-0043-XX Cylindrical aluminum pole, diameter 105mm, H= 522mm, [pre-assembled from factory)



Ordering Code: AUN-MOT-0018-XX Outrigger arm, L= 740mm, On-Off, pre-assembly from factory



Ordering Code: AUN-ESP-0008-XX Earth spike, L= 900mm, aluminum, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0038-XX Pole mount adaptor, rectangular pole, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0032-XX Pole mount adaptor, pole diameter 60mm, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0034-XX Pole mount adaptor, pole diameter 76mm, On-Off, pre-assembly from factory



Ordering Code: AUN-MOT-0036-XX Pole mount adaptor, pole diameter 102-105mm, On-Off, pre-assembly from factory

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Ordering Code: AUN-CLP-0040-XX Pole clamp, pole diameter 60-76mm, single side luminaire mounting , On-Off, pre-assembly from factory



Ordering Code:
AUN-ESP-O023-XX
Earth spike, L=
1390-1760mm, aluminum,
length adjustable, On-Off,
pre-assembly from factory



Ordering Code: AUN-CLP-0042-XX Pole clamp, pole diameter 102-105mm, single side luminaire mounting, On-Off, pre-assembly from factory



Ordering Code: AUN-CLP-0044-XX Pole clamp, pole diameter 60-76mm, double sided luminaire mounting, On-Off, pre-assembly from factory



Ordering Code: AUN-CLP-0046-XX Pole clamp, pole diameter 102-105mm, double sided luminaire mounting, On-Off, pre-assembly from factory