MEDIUM ALPHA ROUND - ID

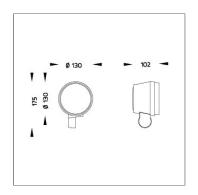
SPOTLIGHT

LAST UPDATE: 31-07-2025





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

Lamp:



Ordering Code : 5962-N-3-902-XX

LED

Beam: 24°/62° CCT: 3000 K CRI >80 CRI: SDCM: SDCM = 3Lamp Lumen : 3300 lm Luminaire Lumen : 2830 lm Lamp Wattage: 23 W Luminaire Wattage: 25 W 113 lm/W Efficacy: Ambient Temperature : 25°C

Lumen Maintenance L70B10 >90,000 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



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 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 M2O 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.

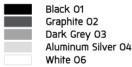
Internal Wire Reliable silicone—insulated tinned copper internal wire, designed for -40°C to +180°C.

Terminal Block Certified GFR PA6.6 terminal block supporting up to 2.5 sqmm cables.

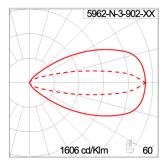
Grounded Class 1 luminaire ensuring proper earthing for secure operation.

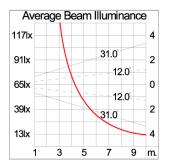
Caution Installation must be performed as per the provided installation instructions.

Color



Light Distribution





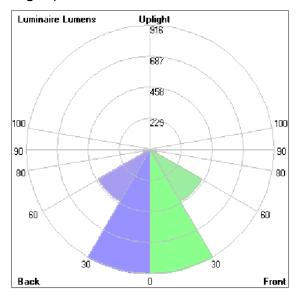
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	915.7	32.4	32.5
FM	[30-60]	440.4	15.6	15.6
FH	[60-80]	50.5	1.8	1.8
FVH	[80-90]	1.8	0.1	0.1
BL	[0-30]	915.7	32.4	32.5
вм	[30-60]	440.4	15.6	15.6
вн	[60-80]	50.5	1.8	1.8
BVH	[80-90]	1.8	0.1	0.1
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	1.2	0.0	0.0
Total		2818.0	99.8	100.0
BUG Ratir	ng	B2-U1-G0		

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Accessories



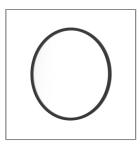
Ordering Code: AUN-ACB-0014-00 Anchor bolt kit, bollard



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



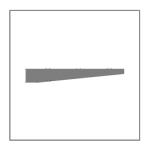
Ordering Code: AUN-SOF-OO26-OO Softening filter, LED, pre-assembly from factory



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



Ordering Code: AUN-ACB-OOO8-OO 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: Please contact Sales Representative



Ordering Code: ALUMINUM-POLE-FOR-ALPHA-SPOTLISHEEL-POLE-FOR-ALPHA-SPOTLIGHT AUN-MOT-0021-XX Please contact Sales Representative



Ordering Code: 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



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

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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



Ordering Code: AUN-ESP-OO23-XX Earth spike, L= 1390-1760mm, aluminum, length adjustable, On-Off, pre-assembly from factory