### MEDIUM ALPHA ROUND - ID

SPOTLIGHT



LAST UPDATE: 31-07-2025



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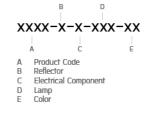
175 Ø 130 ALPHA is an entirely new family of outdoor spotlights/floodlights engineered from scratch. The primary shapes and overall small dimensions make it possible to install ALPHA in most professional and residential lighting applications. High-quality polycarbonate optics provide accurate beam control 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-C-4-887-XX
Lamp :	LED
Beam :	39°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2410 lm
Luminaire Lumen :	2100 lm
Lamp Wattage :	16 W
Luminaire Wattage :	18 W
Efficacy :	116 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	– kg.

Ordering code guide



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Icon definition

\*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 Fax : +66[0]2 943 2419 online@unilamp.co.th www.unilamp.co.th

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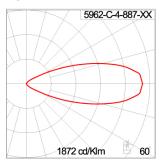
SPOTLIGHT

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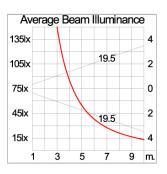
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#### Specification IEC Standard IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires Protection IP66 Class I Protection against mechanical impact IK10 on body and IK08 on optical part. IK Rating Durable high-pressure die-cast aluminum alloy for excellent mechanical performance. Luminaires Body Housing The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily **Coating Process** 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 Impact-resistant tempered glass designed for high-temperature environments. Diffuser 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 HO5RN-F/HO7RN-F cables (7-13mm). COB LED module with high efficiency, mounted on MCPCB for superior thermal management. l ed Driver Smooth dimming 1-10V LED driver with precise current control and compliance certification. 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 O2 Dark Grey 03 Aluminum Silver O4

#### Light Distribution



White 06



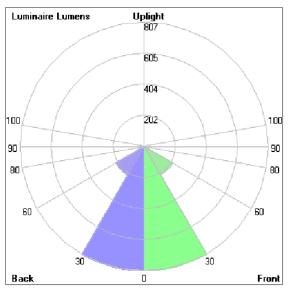
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### Bug Report



Zone	%Lumens	%Lamp	%Lum
[0-30]	807.3	38.4	38.4
[30-60]	211.9	10.1	10.1
[60-80]	28.7	1.4	1.4
[80-90]	1.5	0.1	0.1
[0-30]	807.3	38.4	38.4
[30-60]	211.9	10.1	10.1
[60-80]	28.7	1.4	1.4
[80-90]	1.5	0.1	0.1
(90-100)	< 0.05	0.0	0.0
[100-180]	1.0	0.0	0.0
	2099.8	100.0	100.0
	[0-30] [30-60] [60-80] [80-90] [0-30] [30-60] [60-80] [80-90] [90-100]	[0-30] 807.3   [30-60] 211.9   [60-80] 28.7   [80-90] 1.5   [0-30] 807.3   [30-60] 211.9   [60-80] 28.7   [80-90] 1.5   [90-100] 40.05   [100-180] 1.0	[0-30] 807.3 38.4   [30-60] 211.9 10.1   [60-80] 28.7 1.4   [80-90] 1.5 0.1   [0-30] 807.3 38.4   [30-60] 211.9 10.1   [60-80] 211.9 10.1   [60-80] 28.7 1.4   [80-90] 1.5 0.1   [60-80] 28.7 1.4   [80-90] 1.5 0.1   [90-100] < 0.05

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#### Accessories



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



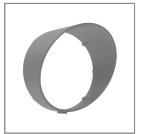
Ordering Code: AUN-CON-O014-00 IP68 connection device, cable diameter 8-12.5mm, 1-10V or DALI



Ordering Code: AUN-CLP-OOO9-XX Pole clamp, pole diameter 60-76mm, for wall or pole mounting arm



Ordering Code: AUN-CON-0011-00 IP68 connection device, cable diameter 7.1-13mm, 1-10V or DALI



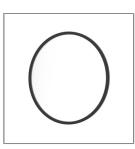
Ordering Code: AUN-GHS-0028-XX Glare shield cap



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



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-CLP-OOO8-XX Pole clamp, pole diameter 102-105mm, for wall or pole mounting arm



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

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

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



Ordering Code: AUN-POL-0044-XX Cylindrical aluminum pole, diameter 105mm, H= 522mm, 1-10V / DALI (pre-assembled from factory]



Ordering Code: Please contact Sales Representative



Ordering Code: ALUMINUM-POLE-FOR-ALPHA-SPOTLIGHEEL-POLE-FOR-ALPHA-SPOTLIGHT AUN-MOT-0022-XX Please contact Sales Representative



Ordering Code: Mounting base, rotateable, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-MOT-0019-XX Outrigger arm, L= 740mm, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-ESP-0009-XX Earth spike, L= 900mm, aluminum, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-MOT-0039-XX Pole mount adaptor, rectangular pole, 1–10V or DALI, pre-assembly from factory



Ordering Code: AUN-MOT-0033-XX Pole mount adaptor, pole diameter 60mm, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-MOT-0035-XX Pole mount adaptor, pole diameter 76mm, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-MOT-0037-XX Pole mount adaptor, pole diameter 102-105mm, 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-CLP-0041-XX Pole clamp, pole diameter 60-76mm, single side luminaire mounting , 1-10V or DALI, pre-assembly from factory

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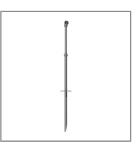
Ordering Code: AUN-CLP-OO43-XX Pole clamp, pole diameter 102-105mm, single side luminaire mounting , 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-CLP-OO45-XX Pole clamp, pole diameter 60-76mm, double sided luminaire mounting , 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-CLP-0047-XX Pole clamp, pole diameter 102-105mm, double sided luminaire mounting , 1-10V or DALI, pre-assembly from factory



Ordering Code: AUN-ESP-0024-XX Earth spike, L= 1390-1760mm, aluminum, length adjustable, 1-10V or DALI, pre-assembly from factory