

ALPHA

MICRO ALPHA ROUND – CV

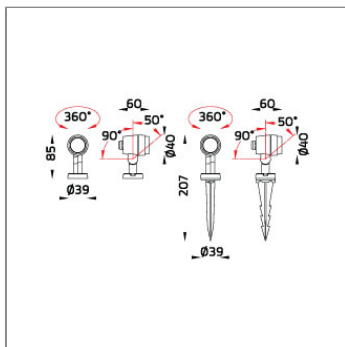
SPOTLIGHT



LAST UPDATE: 20-08-2025



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 :	5927-A-2-563-XX
Lamp :	LED
Beam :	12°
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	390 lm
Luminaire Lumen :	330 lm
Lamp Wattage :	3.3 W[12Vdc/24Vdc]
Luminaire Wattage :	3.3 W
Efficacy :	100 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	Remote
Input Voltage :	12Vdc/24Vdc
Net Weight :	0.30 kg.

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color



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

ALPHA

MICRO ALPHA ROUND – CV

SPOTLIGHT

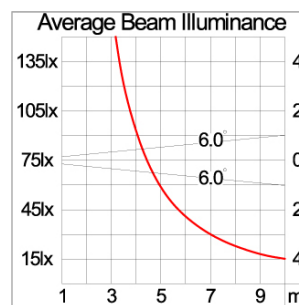
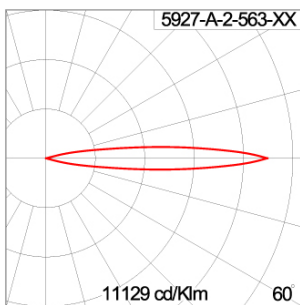


LAST UPDATE: 20-08-2025

Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires										
Protection	IP66 Class III										
IK Rating	Protection against mechanical impact IK08 on body and IK06 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 M12 cable gland. To be used with H05RN-F/ H07RN-F cable with 4-7mm. diameter.										
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.										
Driver	Driver is not included and has to be ordered separately.										
Pre-Wire Cable	Pre-wired with 2x1.0 sqmm. H05RN-F neoprene cable. IMQ approved. Equipped with anti-humidity kit.										
Caution	Installation work has to be carried on according to the enclosed installation manual.										
Color	<table><tr><td></td><td>Black 01</td></tr><tr><td></td><td>Graphite 02</td></tr><tr><td></td><td>Dark Grey 03</td></tr><tr><td></td><td>Aluminum Silver 04</td></tr><tr><td></td><td>White 06</td></tr></table>		Black 01		Graphite 02		Dark Grey 03		Aluminum Silver 04		White 06
	Black 01										
	Graphite 02										
	Dark Grey 03										
	Aluminum Silver 04										
	White 06										

Light Distribution



*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

ALPHA

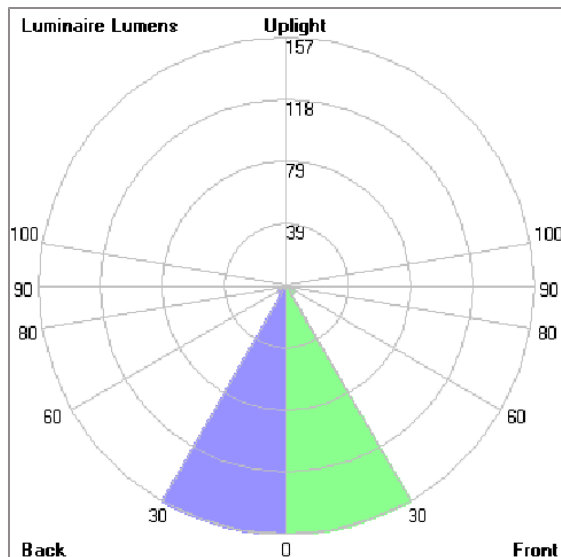
MICRO ALPHA ROUND – CV

SPOTLIGHT



LAST UPDATE: 20-08-2025

Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	157.2	40.3	47.6
FM	[30-60]	6.4	1.6	1.9
FH	[60-80]	1.0	0.2	0.3
FVH	[80-90]	0.1	0.0	0.0
BL	[0-30]	157.2	40.3	47.6
BM	[30-60]	6.4	1.6	1.9
BH	[60-80]	1.0	0.2	0.3
BVH	[80-90]	0.1	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.7	0.2	0.2
Total		330.1	84.4	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

ALPHA

MICRO ALPHA ROUND – CV

SPOTLIGHT

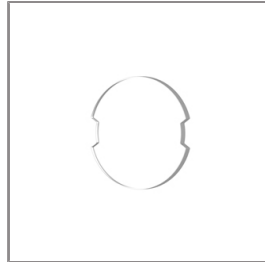


LAST UPDATE: 20-08-2025

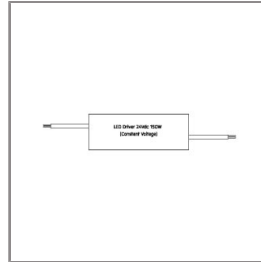
Accessories



Ordering Code:
AUN-DRG-0114-01
LED constant voltage
driver, 12VDC, 12W, with
IP67 GFR polymer
enclosure



Ordering Code:
AUN-SOF-0027-00
Softening filter, LED,
pre-assembly from factory



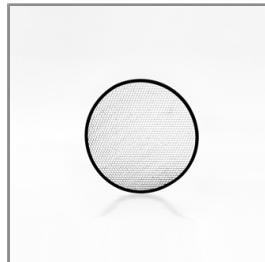
Ordering Code:
AUN-DRG-0011-00
LED constant voltage
driver, 24VDC, 150W



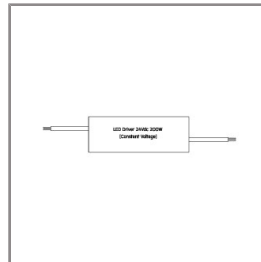
Ordering Code:
AUN-ESP-0003-XX
Earth spike, L= 900mm,
aluminum, pre-assembly
from factory



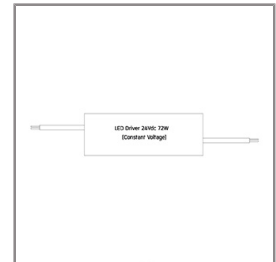
Ordering Code:
AUN-TRS-0004-00
Tree Strap



Ordering Code:
AUN-GSH-0016-XX
Honeycomb louver, LED,
pre-assembly from factory



Ordering Code:
AUN-DRG-0024-00
LED constant voltage
driver, 24VDC, 200W



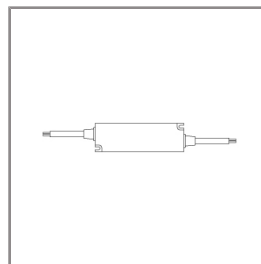
Ordering Code:
AUN-DRG-0027-00
LED constant voltage
driver, 24VDC, 72W



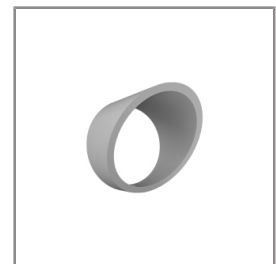
Ordering Code:
AUN-ESP-0006-XX
Earth spike, L= 900mm,
aluminum, single side
luminaire mounting



Ordering Code:
AUN-ESP-0007-XX
Earth spike, L= 900mm,
aluminum, double sided
luminaire mounting



Ordering Code:
AUN-DRG-0118-00
LED constant voltage
driver, 24VDC, 30W



Ordering Code:
AUN-GSH-0054-XX
Glare shield cap

*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

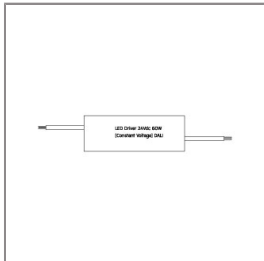
ALPHA

MICRO ALPHA ROUND – CV

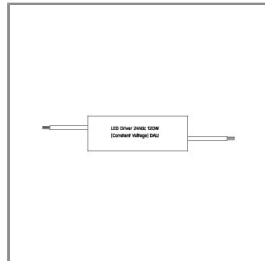
SPOTLIGHT



LAST UPDATE: 20-08-2025



Ordering Code:
AUN-DRG-0100-00
LED constant voltage
driver, 24VDC, 60W, DALI



Ordering Code:
AUN-DRG-0101-00
LED constant voltage
driver, 24VDC, 120W, DALI



Ordering Code:
AUN-GSH-0038-XX
Short snoot, LED,
pre-assembly from factory