### ATHLON OPTIC ARM

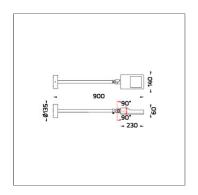
**PROJECTOR** 

LAST UPDATE: 13-05-2024





ATHLON family is functional mini spotlight/ floodlight and area light. The slim and clean design of Athlon allows a hidden installation. Athlon is designed for a streamlined time effective installation. Alanod Miro reflectors used in this luminaire are designed by Photopia high—end lighting engineering software. ATHLON Optic with tight beam control utilizes selected lenses from world—renowned manufacturers. The family is available with symmetric, asymmetric, bisymmetric, elliptical, forward throw and side throw light distributions. The broad range of accessories such as a ground spike, tree strap, outrigger arm and pole clamp makes it a dynamic floodlight choice. The graduated scale provides accuracy of the light distribution on the illuminated surface. ATHLON is suitable to light up small to medium sized objects or areas such as signage boards, ceiling, building facades, parks etc.



### Technical Data



Ordering Code : 2317-1-A-868-XX

Lamp : LED

Beam: Asymmetric CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 2310 lm Luminaire Lumen : 1610 lm Lamp Wattage: 18 W Luminaire Wattage: 20 W 80 lm/W Efficacy:

Lumen Maintenance L70B10 >66,000 h

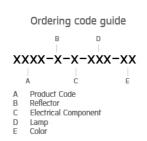
Controller: CASAMBI

Input Voltage: 220–240Vac 50/60Hz

40°C

Net Weight: - kg.

Ambient Temperature :





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 IK08 on body and IK07 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 weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. 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 CASAMBI controllable LED driver with constant current output. Conform to applicable safety standards and

 $electromagnetic\ compatibility.$ 

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.

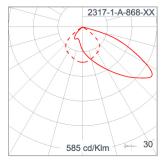
Class1 luminaire provided with the earth connection.

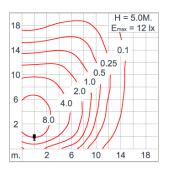
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



### **Light Distribution**





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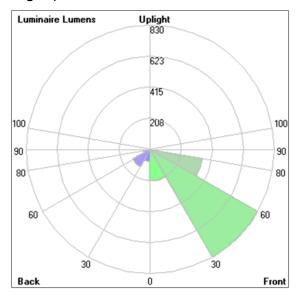
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### **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	210.2	9.1	12.7
FM	[30-60]	830.1	35.9	50.0
FH	[60-80]	354.1	15.3	21.3
FVH	[80-90]	10.4	0.4	0.6
BL	[0-30]	79.0	3.4	4.8
BM	[30-60]	131.1	5.7	7.9
BH	[60-80]	42.2	1.8	2.5
BVH	[80-90]	2.9	0.1	0.2
UL	[90-100]	0.5	0.0	0.0
UH	[100-180]	0.4	0.0	0.0
Total		1660.9	71.7	100.0
BUG Rating		BO-U1-G1		

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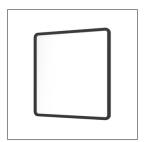
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### Accessories



Ordering Code: AUN-SOF-0018-00 Softening Filter



Ordering Code:
AUN-CAB-0002-00
Cable H07RN-F 3x1sqmm
length 2000 mm with
anti-humidity kit.
[pre-assembled from
factory]



Ordering Code:
AUN-CAB-0004-00
Cable H07RN-F 3x1sqmm
length 500mm. with
anti-humidity
kit.[pre-assembled from
factory]



Ordering Code: AUN-GHS-0035-XX Glare Shield Cap. [Pre-assembly from factory]