

# ATHLON

## ATHLON PROJECTOR



LAST UPDATE: 20-02-2025



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 :	2310-1-A-348-XX
Lamp :	LED
Beam :	Asymmetric
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	2480 lm
Luminaire Lumen :	2120 lm
Lamp Wattage :	18 W
Luminaire Wattage :	20 W
Efficacy :	106 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L80B10 >60,000 h
Controller :	CASAMBI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	2.60 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.

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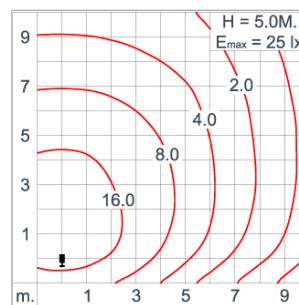
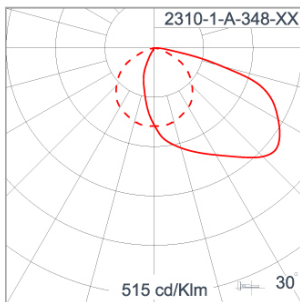


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### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires										
Protection	IP66 Class I										
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.										
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.										
Reflector	High performance CNC forming aluminum reflector sheet.										
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 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	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6
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	Graphite O2										
	Dark Grey O3										
	Aluminum Silver O4										
	White O6										

### Light Distribution



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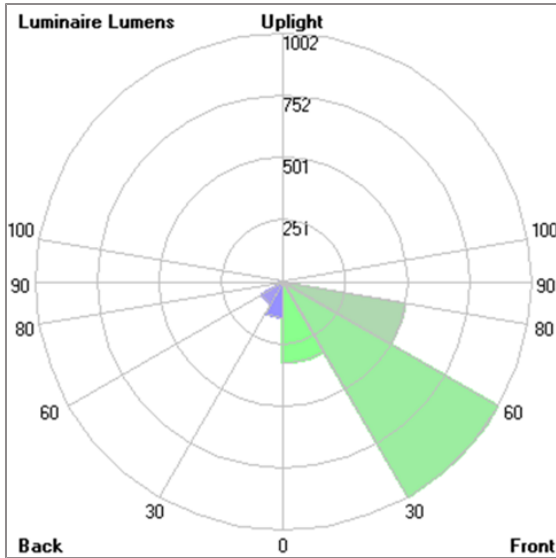
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### Bug Report



### Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	326.7	13.2	15.4
FM	[30-60]	1002.3	40.4	47.3
FH	[60-80]	501.8	20.2	23.7
FVH	[80-90]	15.2	0.6	0.7
BL	[0-30]	145.4	5.9	6.9
BM	[30-60]	104.3	4.2	4.9
BH	[60-80]	20.2	0.8	1.0
BVH	[80-90]	3.2	0.1	0.2
UL	[90-100]	0.1	0.0	0.0
UH	[100-180]	0.3	0.0	0.0
Total		2119.5	85.4	100.0
BUG Rating		B1-U1-G1		

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### Accessories



Ordering Code:  
AUN-SOF-0018-00  
Softening filter, LED,  
pre-assembly from factory



Ordering Code:  
AUN-CAB-0002-00  
Cable H07RN-F 3x1sqmm,  
L= 2000, with UniBlock  
anti-humidity kit,  
pre-assembly from factory



Ordering Code:  
AUN-CAB-0004-00  
Cable H07RN-F 3x1sqmm,  
L= 500, with UniBlock  
anti-humidity kit,  
pre-assembly from factory



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



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



Ordering Code:  
AUN-GHS-0035-XX  
Glare shield cap,  
pre-assembly from factory

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