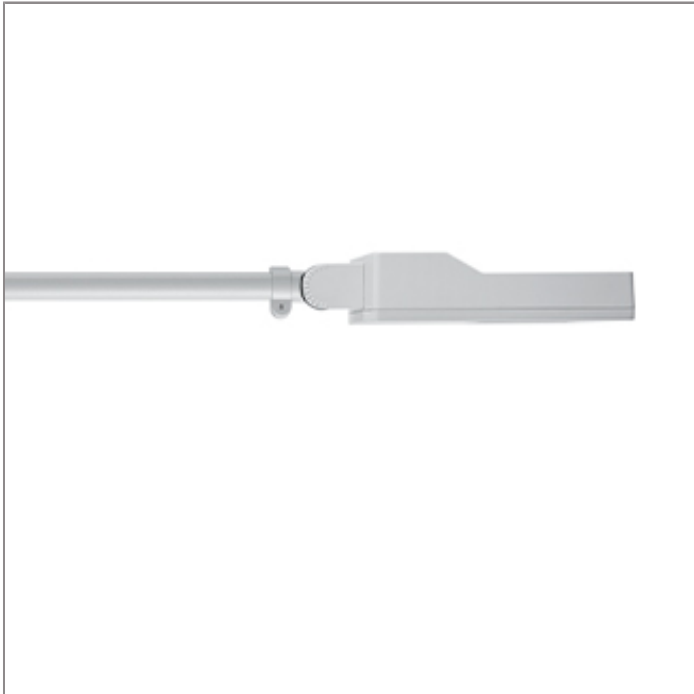


FLOOD LIGHT



Technical drawing of the 1000 Series Locking Arm. The drawing shows two views of the arm. The top view shows the arm with a locking mechanism at the end, with dimensions 900 (length) and 140 (width). The bottom view shows the arm with a locking mechanism at the end, with dimensions 900 (length) and 230 (width). The locking mechanism is shown in two positions: 90° and 0°.








Ordering code guide

XXXX-X-X-XXX-XX

A B C D E

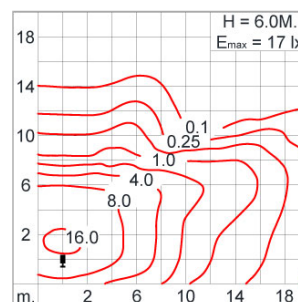
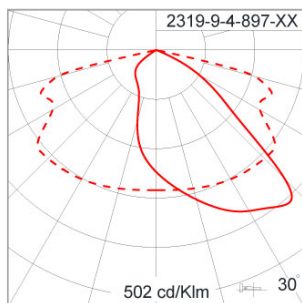
A Product Code
B Reflector
C Electrical Component
D Lamp
E Color



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. 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 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 Dimmable Driver [1-10V] in constant current. 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	<div> <div>Black O1</div> <div>Graphite O2</div> <div>Dark Grey O3</div> <div>Aluminum Silver O4</div> <div>White O6</div> </div>

Light Distribution



ATHLON

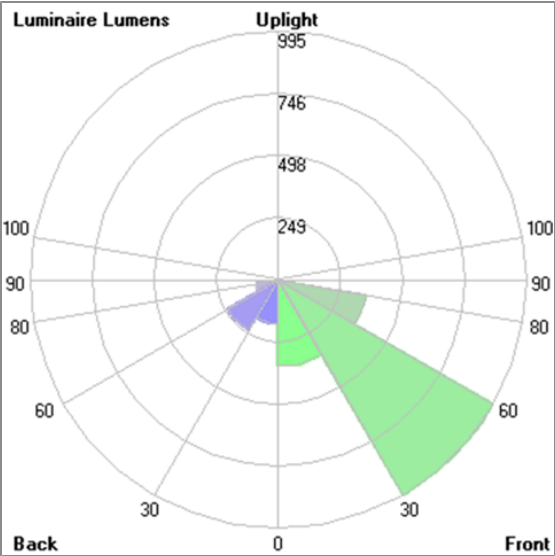
ATHLON OPTIC ARM

FLOOD LIGHT



LAST UPDATE: 29-05-2025

Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	346.7	12.0	15.7
FM	[30-60]	995.2	34.6	45.1
FH	[60-80]	355.0	12.3	16.1
FVH	[80-90]	8.6	0.3	0.4
BL	[0-30]	176.5	6.1	8.0
BM	[30-60]	233.7	8.1	10.6
BH	[60-80]	88.6	3.1	4.0
BVH	[80-90]	2.7	0.1	0.1
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	0.2	0.0	0.0
Total		2207.2	76.6	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.

ATHLON

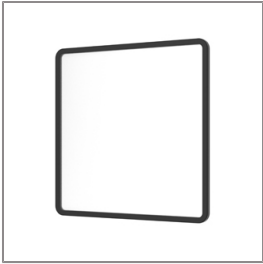
ATHLON OPTIC ARM

FLOOD LIGHT

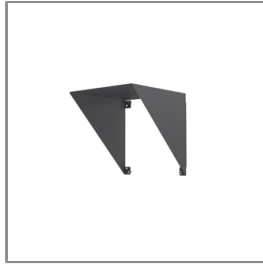


LAST UPDATE: 29-05-2025

Accessories



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



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



Ordering Code:
AUN-CAB-0012-00
Cable H05RR-F 5x1, L=
2000mm, with UniBlock
anti-humidity kit,
pre-assembly from factory