

ATHLON

ATHLON SURFACE WASHER / ASYMMETRIC

SURFACE WASHERS & FLOOD LIGHTS



LAST UPDATE: 19-02-2024



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 : | 2310-1-4-349-XX |
| Lamp : | LED |
| Beam : | Asymmetric |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 2640 lm |
| Luminaire Lumen : | 2260 lm |
| Lamp Wattage : | 18 W |
| Luminaire Wattage : | 20 W |
| Efficacy : | 113 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L80B10 >60,000 h |
| Controller : | DIM 1-10V |
| 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

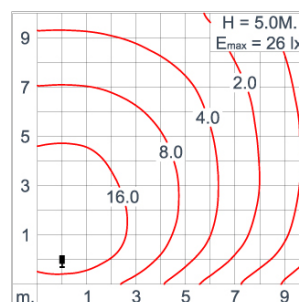
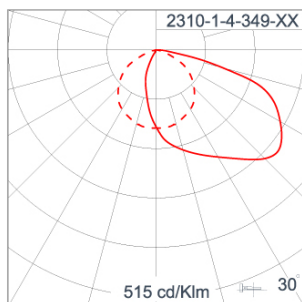
*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

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

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 Aluminium 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 aluminium 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 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 01</div> <div>Graphite 02</div> <div>Dark Grey 03</div> <div>Aluminium Silver 04</div> <div>White 06</div> <div>Wooden Brown 07</div> </div> |

Light Distribution



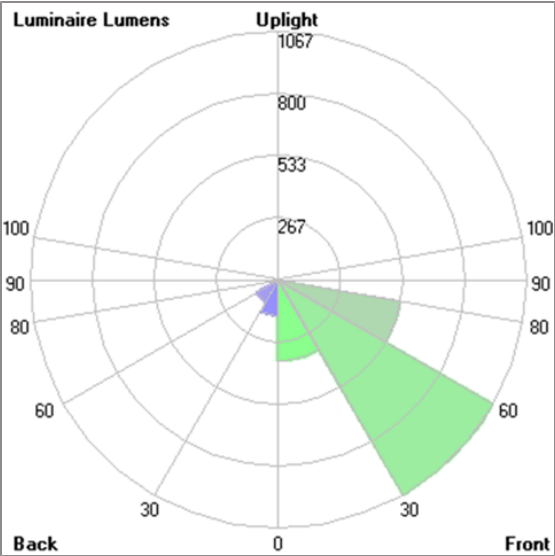
ATHLON

ATHLON SURFACE WASHER / ASYMMETRIC SURFACE WASHERS & FLOOD LIGHTS



LAST UPDATE: 19-02-2024

Bug Report



| Lum. Classification System (LCS) | | | | |
|----------------------------------|-----------|----------|-------|-------|
| LCS | Zone | %Lumens | %Lamp | %Lum |
| FL | [0-30] | 347.8 | 13.2 | 15.4 |
| FM | [30-60] | 1067.0 | 40.4 | 47.3 |
| FH | [60-80] | 534.1 | 20.2 | 23.7 |
| FVH | [80-90] | 16.2 | 0.6 | 0.7 |
| BL | [0-30] | 154.7 | 5.9 | 6.9 |
| BM | [30-60] | 111.1 | 4.2 | 4.9 |
| BH | [60-80] | 21.5 | 0.8 | 1.0 |
| BVH | [80-90] | 3.4 | 0.1 | 0.2 |
| UL | [90-100] | 0.1 | 0.0 | 0.0 |
| UH | [100-180] | 0.3 | 0.0 | 0.0 |
| Total | | 2256.2 | 85.4 | 100.0 |
| BUG Rating | | B1-U1-G1 | | |

*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

ATHLON

ATHLON SURFACE WASHER / ASYMMETRIC

SURFACE WASHERS & FLOOD LIGHTS



LAST UPDATE: 19-02-2024

Accessories



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



Ordering Code:
AUN-CAB-0003-00
Cable 3x1sqmm and
2x0.35 sqmm length 2000
mm with anti-humidity kit.
(pre-assembled from
factory)



Ordering Code:
AUN-ESP-0001-00
Glass-Fiber Reinforced
Polymer Earth Spike



Ordering Code:
AUN-TRS-0001-00
Tree Strap for Small Base



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

*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