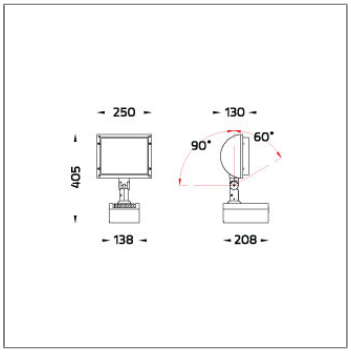
# FIN

## FIN HID

PROJECTOR

LAST UPDATE: 29-05-2024

FIN is a series of floodlights with Symmetric and Bi-symmetric light distribution. Fin is equipped with High Power LED module available in 2700K, 3000K and 4000K with high CRI. It is also available in traditional HID light source. The aluminium reflectors and PC lenses used in this luminaire are designed by high-end lighting engineering software. The graduated scale provides precise aiming of the luminaire. The range of accessories such as ground mount spike, tree strap and glare shield cap makes FIN a dynamic floodlight choice. FIN is suitable to light up small to medium sized objects or areas such as signage boards, ceiling, building facades, etc.




## Technical Data

| | |
|---|---|
| Ordering Code : | 2302-7-3-631-XX |
| Lamp : | HST-DE |
| Socket | RX7s |
| Beam : | Bi-Symmetric |
| CCT : | 2000 K |
| Lamp Lumen : | 6800 lm |
| Luminaire Lumen : | 6800 lm |
| Lamp Wattage : | 70 W |
| Luminaire Wattage : | 70 W |
| Ambient Temperature : | 25°C |
| Controller : | On-Off |
| Input Voltage : | 230Vac 50Hz |
| Net Weight : | 5.70 kg. |

### Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

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

Icon definition

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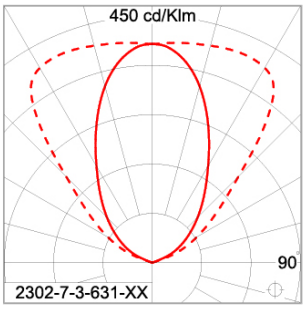
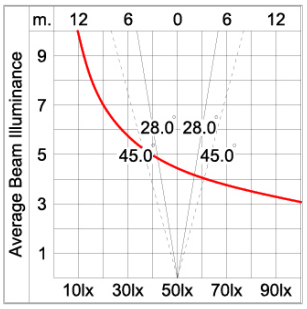
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP65 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. 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. |
| 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 M20 cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. diameter. |
| Lamp Holder | RX7s/ RX7s-24 in ceramic body. IMQ/ ENEC approved. |
| Ballast | Vacuum impregnated magnetic ballast for HID lamp. ENEC approved. |
| Capacitor | Aluminium case capacitor with over pressure safety device. ENEC approved. |
| Ignitor | Electronic ignitor with automatic switch-off function. ENEC approved. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| | HID control gear wired with double insulated silicone cable and compatible to be operated under ignition voltage up to 5KV. |
| 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 | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06<br>Wooden Brown 07 |

## Light Distribution

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### Accessories

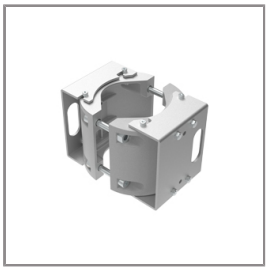
Ordering Code:
AUN-CON-0009-00
IP68 connection device, cable diameter 5-9.5mm, On-Off

Ordering Code:
AUN-CON-0013-00
IP68 connection device, cable diameter 7-11.5mm, On-Off

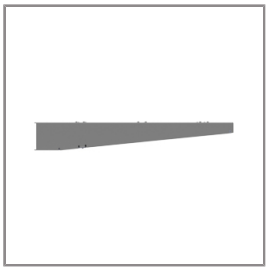
Ordering Code:
AUN-CAB-0002-00
Cable H07RN-F 3x1sqmm, L= 2000, with UniBlock anti-humidity kit, pre-assembly from factory

Ordering Code:
AUN-CLP-0004-XX
Pole clamp, pole diameter 102-105mm

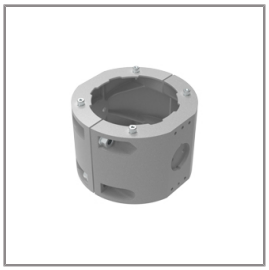
Ordering Code:
AUN-CAB-0004-00
Cable H07RN-F 3x1sqmm, L= 500, with UniBlock anti-humidity kit, pre-assembly from factory



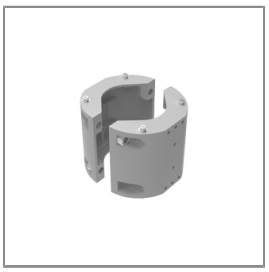
Ordering Code:
AUN-CLP-0006-XX
Pole clamp, pole diameter 60-76mm



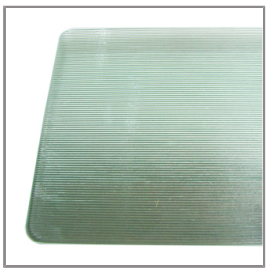
Ordering Code:
AUN-MOT-0013-XX
Pole mounting arm, for 1-3 projector



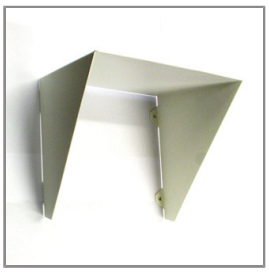
Ordering Code:
AUN-CLP-0008-XX
Pole clamp, pole diameter 102-105mm, for wall or pole mounting arm



Ordering Code:
AUN-CLP-0009-XX
Pole clamp, pole diameter 60-76mm, for wall or pole mounting arm



Ordering Code:
AUN-SOF-0013-00
Flat beam lens, Non LED, pre-assembly from factory



Ordering Code:
AUN-GHS-0014-XX
Glare shield cap

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

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Ordering Code:
AUN-TRS-0002-00
Tree strap, big mounting base

Ordering Code:
ALUMINUM-POLE-FOR-FIN
Please contact Sales Representative

Ordering Code:
STEEL-POLE-FOR-FIN
Please contact Sales Representative

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