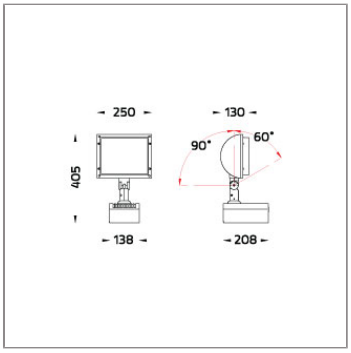
FIN

FIN OPTIC LED

SURFACE WASHER & FLOOD LIGHT

LAST UPDATE: 20-02-2024

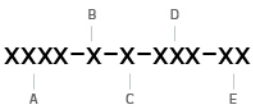
FIN is a series of floodlights with Symmetric and Bi-symmetric light distribution. Fin is equipped with High Power LED module available in 2700K, 3000K and 4000K with high CRI. It is also available in traditional HID light source. The aluminium reflectors and PC lenses used in this luminaire are designed 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-I-4-523-XX
Lamp :	LED
Beam :	Road Optic
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	5760 lm
Luminaire Lumen :	4470 lm
Lamp Wattage :	49 W
Luminaire Wattage :	57 W
Efficacy :	78 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	5.40 kg.

Ordering code guide



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

IK BODY OPTIC Icon definition

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

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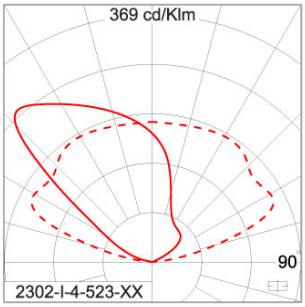
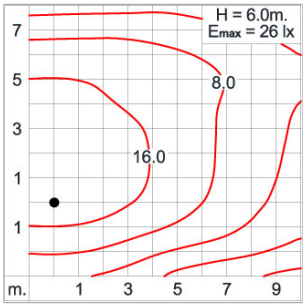
Specification

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 Aluminium 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.
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 M20 cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. 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.
Enhanced Protection	The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11
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	Black 01 Graphite 02 Dark Grey 03 Aluminium Silver 04 White 06 Wooden Brown 07

Light Distribution





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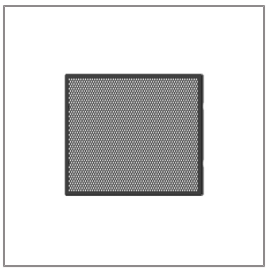
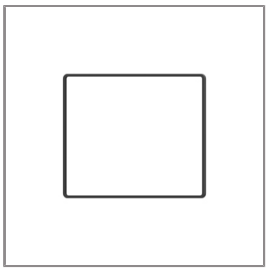
Accessories



Ordering Code:
AUN-GSH-0009-00
Honey Comb Louver



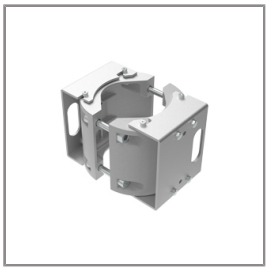
Ordering Code:
AUN-SOF-0023-00
Softening Filter

Ordering Code:
AUN-CON-0011-00
IP68 Water Tight Connecting Device 5 Pole, Cable Diameter 7.1 – 13mm. (1-10V or Dali)

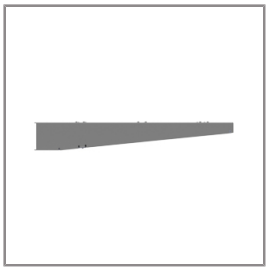
Ordering Code:
AUN-CON-0014-00
IP68 Water Tight Connecting Device 5 Pole, Cable Diameter 8 – 12.5mm. (1-10V or DALI)

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

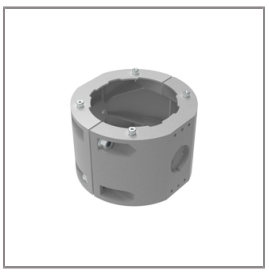
Ordering Code:
AUN-CLP-0004-XX
Pole_Clamp_Diameter_102-105mm



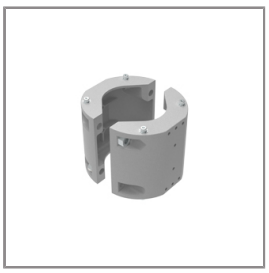
Ordering Code:
AUN-CLP-0006-XX
Pole Clamp Diameter 60-76mm.



Ordering Code:
AUN-MOT-0013-XX
Mounting arm for 1-3 Spotlights.



Ordering Code:
AUN-CLP-0008-XX
Pole Clamp Diameter 102-105mm. for mounting arm.



Ordering Code:
AUN-CLP-0009-XX
Pole Clamp Diameter 60-76mm. for mounting arm.

Ordering Code:
AUN-GHS-0014-XX
Glare Shield Cap

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

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Ordering Code:
AUN-TRS-0002-00
Double Tree Strap for Big Base

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

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

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