SONIC

MEGA SONIC
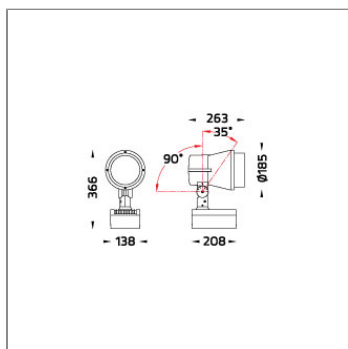
SPOTLIGHT
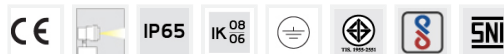
Unilamp

SONIC is a huge family of spotlight/floodlight with LED, HID and retrofit light source. The family offers ground/wall mount fixing, pole clamp and wall clamp array, indirect pole and wall light. The wide ranges of accessories like glare shield unit, tree strap, earth spike and anchorage bolt kit makes SONIC customizable for most application. Available in three sizes with a choice of six colors. SONIC is fitted with COB LED with high CRI in 2700K, 3000K or 4000K color temperature with 3 SDCM. The front glass cover is flush to the luminaire housing thus dust and water are not accumulated. High specular reflectors are used in this luminaire family to achieve an outstanding light output ratio. Aiming can be done through graduated scale by tool. For ease of installation and improved thermal performance the control gear compartment is housed separately to the light engine. SONIC is an ideal choice to accentuate sculptures, walls, building facades, bushes and trees.

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
```

IK BODY OPTIC **Icon definition**

Technical Data

CE | IP65 | IK 08/06 | ... | ... | ... | SNI

Ordering Code :	5935-6-5-508-XX
Lamp :	LED
Beam :	24°
CCT :	2700 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	7110 lm
Luminaire Lumen :	6440 lm
Lamp Wattage :	52 W
Luminaire Wattage :	57 W
Efficacy :	112 lm/W
Ambient Temperature :	25°C
Lumen Maintenance	L70B10 >90,000 h
Controller :	DALI
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.50 kg.

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SPOTLIGHT

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 IK06 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 anodized spun aluminum reflector.
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 in COB technology. Assembled on MCPCB and mounted on to heat conductive material.
Driver	High quality DALI Driver 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.
	Tinned copper conductor with PTFE insulated internal wire. IMQ approved. Working temperature -40°C to +250°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
	Aluminum Silver 04
	White 06

Light Distribution

5935-6-5-508-XX

3041 cd/Klm   60°

Average Beam Illuminance

765lx — 4
595lx — 2
425lx — 0   12.0
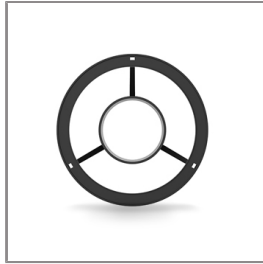255lx — 2   12.0
85lx — 4

1 3 5 7 9 m.

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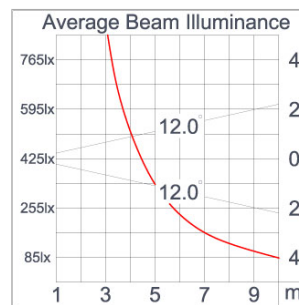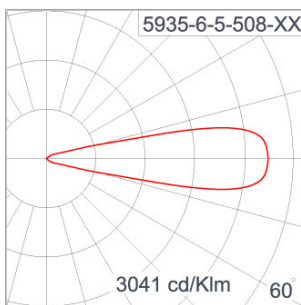
Accessories

Ordering Code:
AUN-CON-0011-00
IP68 connection device,
cable diameter 7.1–13mm,
1–10V or DALI

Ordering Code:
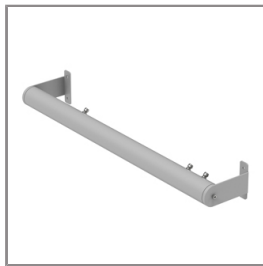AUN-GHS-0022-00
Glare shield ring, COB

Ordering Code:
AUN-CON-0014-00
IP68 connection device,
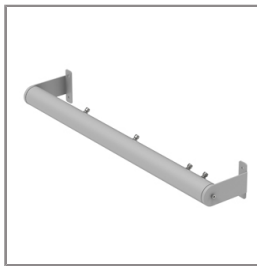cable diameter 8–12.5mm,
1–10V or DALI

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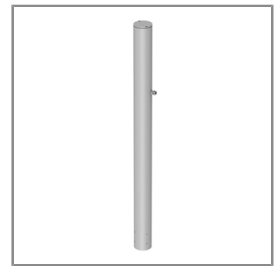AUN-CLP-0004-XX
Pole clamp, pole diameter
102–105mm

Ordering Code:
AUN-MOT-0005-XX
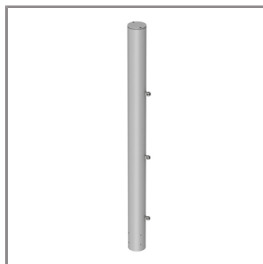Wall array, for 2 projector

Ordering Code:
AUN-MOT-0006-XX
Wall array, for 4 projector

Ordering Code:
AUN-MOT-0007-XX
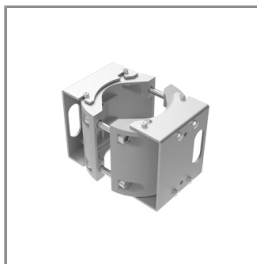Wall array, for 6 projector

Ordering Code:
AUN-POL-0025-XX
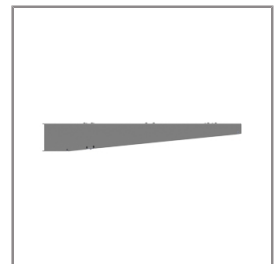Pole array for 2 projector

Ordering Code:
AUN-POL-0026-XX
Pole array for 4 projector

Ordering Code:
AUN-POL-0027-XX
Pole array for 6 projector

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

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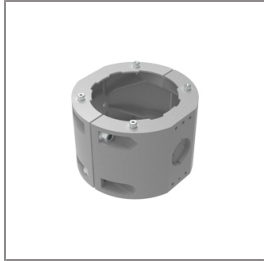AUN-MOT-0013-XX
Pole mounting arm, for 1–3
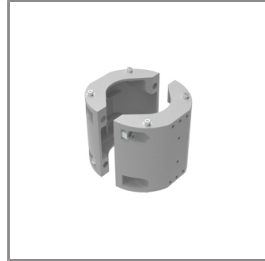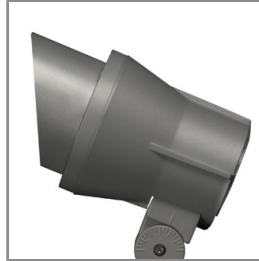projector

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SPOTLIGHT

Unilamp

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-GHS-0003-XX
Glare shield cap

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

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

Ordering Code:
ALUMINUM-POLE-FOR-MEGA-SONIC-POLE-ARRAY
Please contact Sales
Representative

Ordering Code:
STEEL-POLE-FOR-MEGA-SONIC-POLE-ARRAY
Please contact Sales
Representative

Ordering Code:
AUN-CAB-0012-00
Cable HO5RR-F 5x1, L=
2000mm, with UniBlock
anti-humidity kit,
pre-assembly from factory