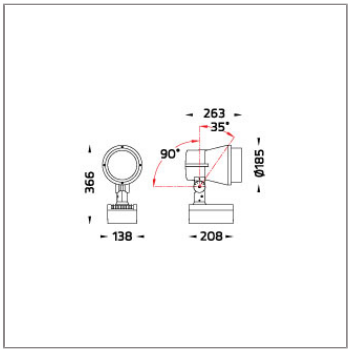
# SONIC

## MEGA SONIC – GEAR

### SPOTLIGHTS

LAST UPDATE: 22-02-2024

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.




## Technical Data

| | |
|---|---|
| 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. |

### 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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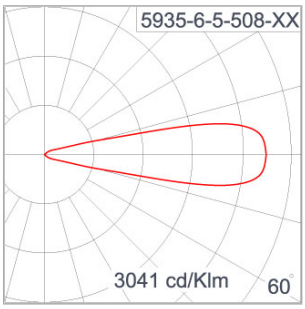
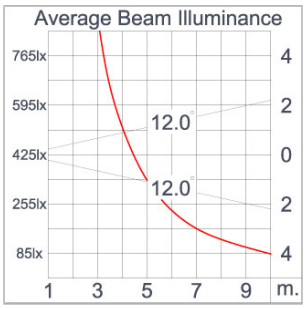
## Specification

| | |
|---|---|
| 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 IK06 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. |
| Reflector | High performance anodized spun aluminium 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<br>Graphite 02<br>Dark Grey 03<br>Aluminium Silver 04<br>White 06<br>Wooden Brown 07 |

## Light Distribution

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### Accessories

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-GHS-0022-00
Glare Shield Ring for COB

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-MOT-0005-XX
Wall_Array_for_2_Spotlights

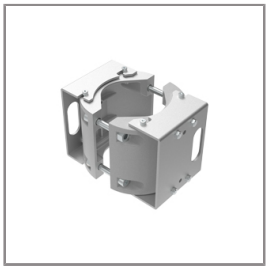
Ordering Code:
AUN-MOT-0006-XX
Wall_Array_for_4_Spotlights

Ordering Code:
AUN-MOT-0007-XX
Wall_Array_for_6_Spotlights

Ordering Code:
AUN-POL-0025-XX
Pole_Array_for_2_Spotlights

Ordering Code:
AUN-POL-0026-XX
Pole_Array_for_4_Spotlights

Ordering Code:
AUN-POL-0027-XX
Pole_Array_for_6_Spotlights



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

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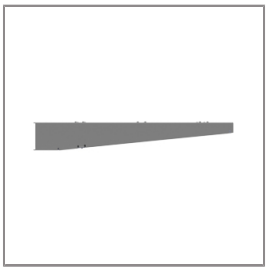
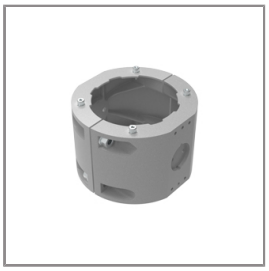
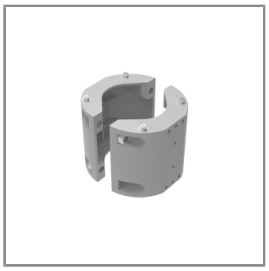


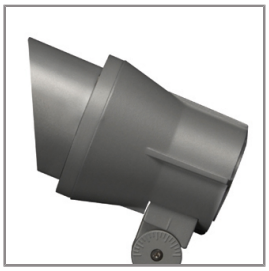
Ordering Code:
AUN-MOT-0013-XX
Mounting arm for 1-3 Spotlights.



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-0003-XX
Glare Shield Cap

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

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

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

Ordering Code:
STEEL-POLE-FOR-MEGA-SONIC-POLE-ARRAY
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