# **SONIC**

### MEGA SONIC - GEAR ARM

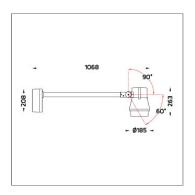
**SPOTLIGHT** 

LAST UPDATE: 19-06-2025





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

5NI Ordering Code: 5936-6-5-892-XX Lamp: LED 24° Beam: CCT: 4000 K CRI: CRI >80 SDCM: SDCM = 3Lamp Lumen: 8980 lm Luminaire Lumen : 8070 lm Lamp Wattage: 52 W Luminaire Wattage: 57 W 141 lm/W Efficacy:

Lumen Maintenance L70B10 >60,000 h

Controller : DALI

Ambient Temperature :

Input Voltage: 220-240Vac 50/60Hz

25°C

Net Weight: 7.60 kg.



Icon definition

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www.unilamp.co.th

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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 IKO8 on body and IKO6 optical part.

Luminaires Body Housing High-pressure die cast aluminum alloy body and components.

Extruded aluminum S6063 alloy body with low copper content.

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 M2O 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.

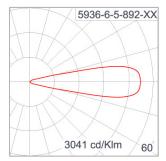
Class1 luminaire provided with the earth connection.

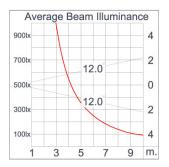
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



#### **Light Distribution**





www.unilamp.co.th

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#### Accessories



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



Ordering Code: AUN-GHS-0003-XX Glare shield cap



Ordering Code:
AUN-CAB-0012-00
Cable H05RR-F 5x1, L=
2000mm, with UniBlock
anti-humidity kit,
pre-assembly from factory