

SONIC

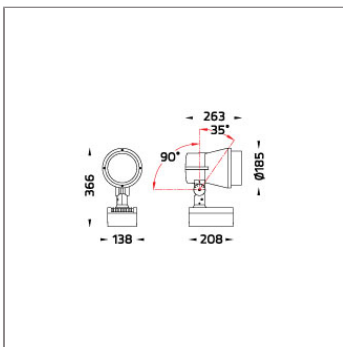
MEGA SONIC – GEAR SPOTLIGHT



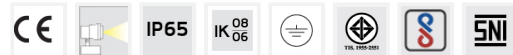
LAST UPDATE: 09-11-2023



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 :	5935-7-3-888-XX
Lamp :	LED
Beam :	37°
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	8550 lm
Luminaire Lumen :	7590 lm
Lamp Wattage :	52 W
Luminaire Wattage :	57 W
Efficacy :	133 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	6.50 kg.

Ordering code guide

XXXX-X-X-XXX-XX
A B C D E

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



Icon definition

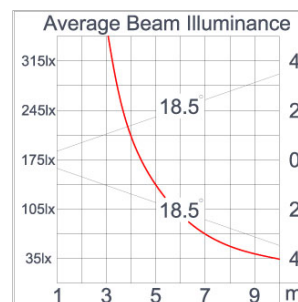
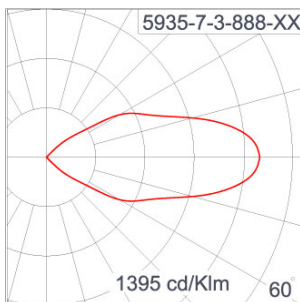
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www.unilamp.co.th

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. Luminaire 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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.
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	<div> <div>Black O1</div> <div>Graphite O2</div> <div>Dark Grey O3</div> <div>Aluminium Silver O4</div> <div>White O6</div> <div>Wooden Brown O7</div> </div>

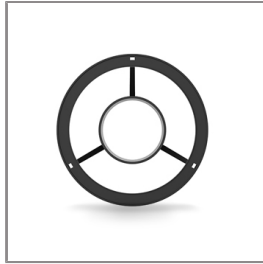
Light Distribution



Accessories



Ordering Code:
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 –
9.5mm.



Ordering Code:
AUN-GHS-0022-00
Glare Shield Ring for COB



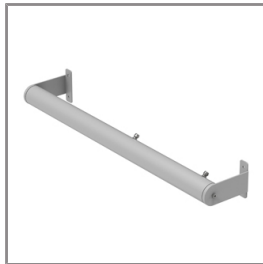
Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 7 – 11.5mm.



Ordering Code:
AUN-CAB-0002-00
Cable HO7RN-F 3x1sqmm
length 2000 mm with
anti-humidity kit.
[pre-assembled from
factory]



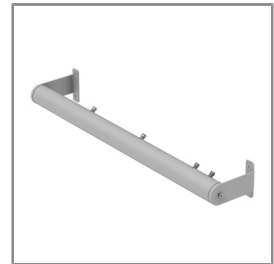
Ordering Code:
AUN-CLP-0004-XX
Pole_Clamp_Diameter_102-105mm



Ordering Code:
AUN-MOT-0005-XX
Wall_Array_for_2_Spotlights



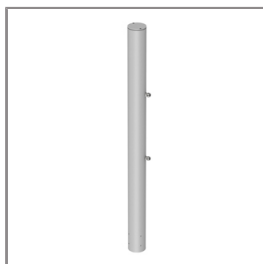
Ordering Code:
AUN-MOT-0006-XX
Wall_Array_for_4_Spotlights



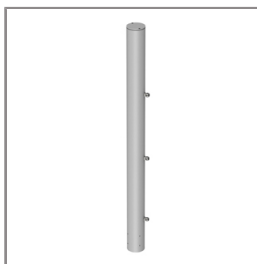
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AUN-MOT-0007-XX
Wall_Array_for_6_Spotlights



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-CAB-0004-00
Cable HO7RN-F 3x1sqmm
length 500mm. with
anti-humidity
kit.[pre-assembled from
factory]

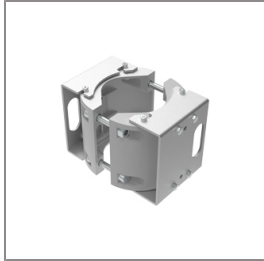
SONIC

MEGA SONIC – GEAR

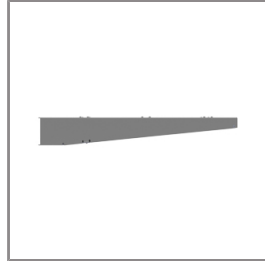
SPOTLIGHT



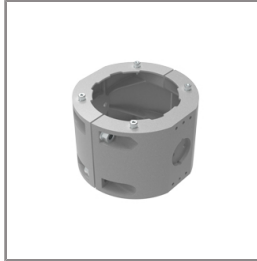
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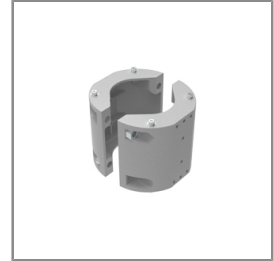
Ordering Code:
AUN-CLP-0006-XX
Pole Clamp Diameter
60-76mm.



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-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:
AUN-CON-0006-00
IP68 Water Tight
Connecting Device Cable
Diameter 7 – 12mm.



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



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