MINI SONIC - STAND
SPOTLIGHT

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, 3000 K or 4000 K 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 : | 5831-Q-3-648-XX |
| :--- | :--- |
| Lamp : | LED |
| Beam : | Sharp Elliptical V |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1110 Im |
| Luminaire Lumen : | 210 Im |
| Lamp Wattage : | 8.4 W |
| Luminaire Wattage : | 10 W |
| Efficacy : | $21 \mathrm{Im} / \mathrm{W}$ |
| Ambient Temperature : | $50^{\circ} \mathrm{C}$ |
| Lumen Maintenance | L80B10 >108,000 h |
| Controller : | On-Off |
| Input Voltage : | $220-240 \mathrm{Vac} 50 / 60 \mathrm{~Hz}$ |
| Net Weight : | -kg. |



## Technical Data

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Specification

| IEC Standard | IEC 60598-1 General Requirement |
| :---: | :---: |
|  | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP65 Class II |
| IK Rating | Protection against mechanical impact IKO9 on body and IKO7 optical part. |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. |
|  | Extruded Aluminium 56063 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 $200^{\circ} \mathrm{C}$. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to $250^{\circ} \mathrm{C}$. |
| 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 $-40^{\circ} \mathrm{C}$ to $+200^{\circ} \mathrm{C}$. |
| External Screws | External screws are in stainless steel with protection grease. |
| Cable Entry | Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. 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 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 $-40^{\circ} \mathrm{C}$ to $+180^{\circ} \mathrm{C}$. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. |
| Pre-Wire Cable | Pre-wired with $2 \times 1.0$ sqmm. HO7RN-F neoprene cable. IMQ approved. |
|  | Equipped with anti-humidity kit. |
| 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-ACB-0014-00
Anchor Bolt Kit for Bollard


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


Ordering Code:
AUN-CON-0010-OO
IP68 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable
Diameter 5.0-9.5mm.


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


Ordering Code:
AUN-GHS-0001-XX
Glare Shield Cap

