

# SONIC

## MINI SONIC STAND

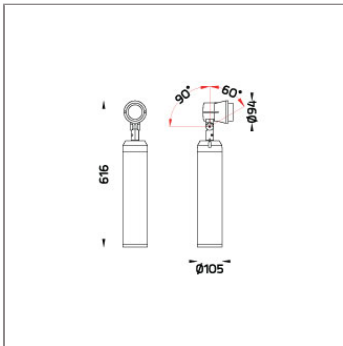
### SPOTLIGHT



LAST UPDATE: 03-08-2026



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 :       | 5831-D-3-901-XX    |
| Lamp :                | LED                |
| Beam :                | 47°                |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 1850 lm            |
| Luminaire Lumen :     | 1370 lm            |
| Lamp Wattage :        | 12 W               |
| Luminaire Wattage :   | 14 W               |
| Efficacy :            | 97 lm/W            |
| Ambient Temperature : | 50°C               |
| Lumen Maintenance     | L70B10 >60,000 h   |
| Controller :          | On-Off             |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | - 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

\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

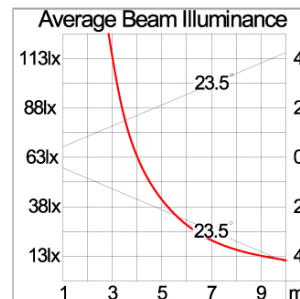
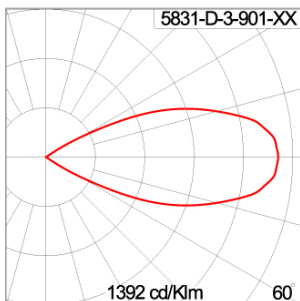
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## Specification

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires                                                                                                                                                                  |
| Protection              | IP65 Class II                                                                                                                                                                                                                      |
| IK Rating               | Protection against mechanical impact IK09 on body and IK07 optical part.                                                                                                                                                           |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components.<br>Extruded aluminum 6063 alloy body with low copper content.                                                                                                           |
| 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 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 weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 6-13mm. 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.<br>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.                                                                                                                                             |
| Pre-Wire Cable          | Pre-wired with 2x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.<br>Equipped with anti-humidity kit.                                                                                                                               |
| Caution                 | Installation work has to be carried on according to the enclosed installation manual.                                                                                                                                              |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <div>Black 01</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #333; margin-right: 5px;"></div> <div>Graphite 02</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #666; margin-right: 5px;"></div> <div>Dark Grey 03</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #ccc; margin-right: 5px;"></div> <div>Aluminum Silver 04</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: white; margin-right: 5px;"></div> <div>White 06</div> </div> |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Light Distribution



# SONIC

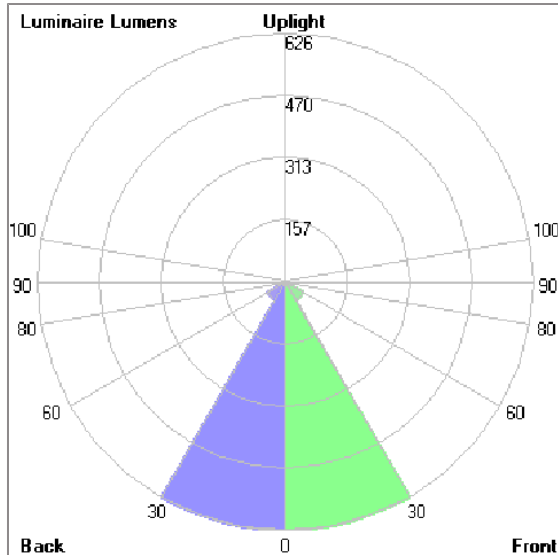
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LAST UPDATE: 03-08-2026

#### Bug Report



#### Lum. Classification System (LCS)

| LCS | Zone      | %Lumens | %Lamp | %Lum |
|-----|-----------|---------|-------|------|
| FL  | [0-30]    | 626.1   | 33.8  | 45.7 |
| FM  | [30-60]   | 53.1    | 2.9   | 3.9  |
| FH  | [60-80]   | 5.4     | 0.3   | 0.4  |
| FVH | [80-90]   | 0.5     | 0.0   | 0.0  |
| BL  | [0-30]    | 626.1   | 33.8  | 45.7 |
| BM  | [30-60]   | 53.1    | 2.9   | 3.9  |
| BH  | [60-80]   | 5.4     | 0.3   | 0.4  |
| BVH | [80-90]   | 0.5     | 0.0   | 0.0  |
| UL  | [90-100]  | 0.0     | 0.0   | 0.0  |
| UH  | [100-180] | 0.0     | 0.0   | 0.0  |

Total 1370.2 74.0 100.0

BUG Rating B2-U0-G0

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#### Accessories



Ordering Code:  
AUN-ACB-0014-00  
Anchor bolt kit, bollard



Ordering Code:  
AUN-CON-0009-00  
IP68 connection device,  
cable diameter 5-9.5mm,  
On-Off



Ordering Code:  
AUN-CON-0010-00  
IP68 connection device 3  
pole, cable diameter  
5-9.5mm, with distribution  
block



Ordering Code:  
AUN-CON-0013-00  
IP68 connection device,  
cable diameter 7-11.5mm,  
On-Off



Ordering Code:  
AUN-GHS-0001-XX  
Glare shield cap