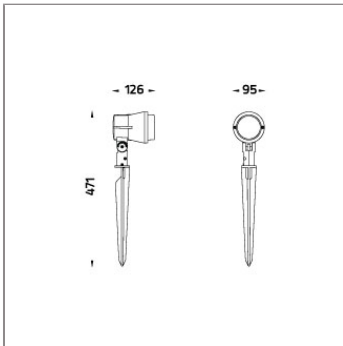




SONIC is a huge family of spotlight/floodlight with LED, HID and retrofit light source. The family offers ground/wall mount fixing, pole clamp and wall clamp array, indirect pole and wall light. The wide ranges of accessories like glare shield unit, tree strap, earth spike and anchorage bolt kit makes 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 :       | 5978-D-3-901-XX    |
| Lamp :                | LED                |
| Beam :                | 47°                |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 1900 lm            |
| Luminaire Lumen :     | 1400 lm            |
| Lamp Wattage :        | 12 W               |
| Luminaire Wattage :   | 13 W               |
| Efficacy :            | 107 lm/W           |
| Ambient Temperature : | 45°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



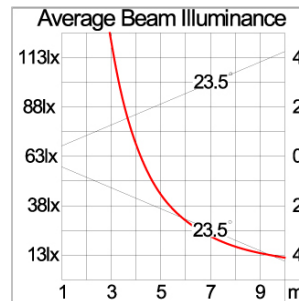
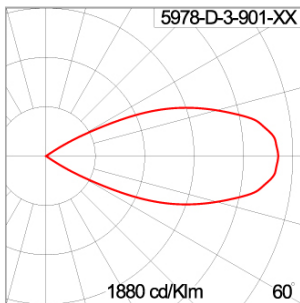
Icon definition

### Specification

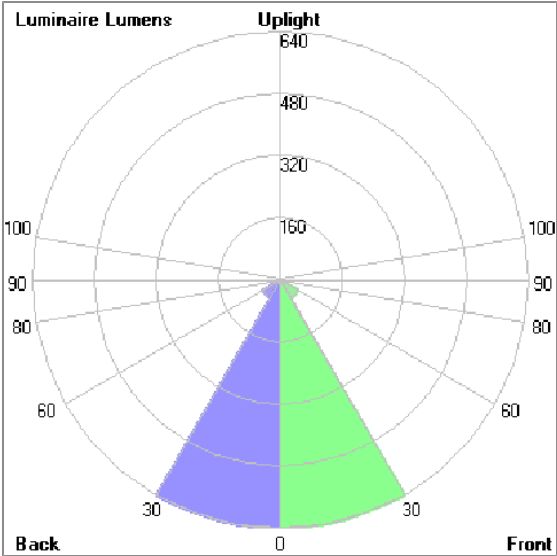
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC Standard            | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires                                                                                                                                                                                                                                                                                                                                                |
| Protection              | IP65 Class I                                                                                                                                                                                                                                                                                                                                                                                                     |
| IK Rating               | Protection against mechanical impact IK09 on body and IK07 on optical part.                                                                                                                                                                                                                                                                                                                                      |
| Luminaires Body Housing | Durable high-pressure die-cast aluminum alloy for excellent mechanical performance.                                                                                                                                                                                                                                                                                                                              |
| Coating Process         | The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga |
| Diffuser                | Impact-resistant tempered glass designed for high-temperature environments.                                                                                                                                                                                                                                                                                                                                      |
| Reflector               | Anodized spun aluminum reflector for high durability and performance.                                                                                                                                                                                                                                                                                                                                            |
| Adjustable Optic        | Adjustable aiming mechanism with graduated scale for precision control.                                                                                                                                                                                                                                                                                                                                          |
| Gasket                  | Advanced post-cured silicone gasket offering superior weather and thermal resistance [-40°C to +200°C].                                                                                                                                                                                                                                                                                                          |
| External Screws         | Durable stainless steel screws with anti-corrosion grease for extended lifespan.                                                                                                                                                                                                                                                                                                                                 |
| Cable Entry             | M12 cable gland for secure cable entry, compatible with H05RN-F/H07RN-F cables [4-7mm].                                                                                                                                                                                                                                                                                                                          |
| Led                     | COB LED module with high efficiency, mounted on MCPCB for superior thermal management.                                                                                                                                                                                                                                                                                                                           |
| Driver                  | Certified constant current LED driver meeting all EMC and safety requirements.                                                                                                                                                                                                                                                                                                                                   |
| Internal Wire           | Reliable silicone-insulated tinned copper internal wire, designed for -40°C to +180°C.                                                                                                                                                                                                                                                                                                                           |
| Terminal Block          | Grounded Class 1 luminaire ensuring proper earthing for secure operation.                                                                                                                                                                                                                                                                                                                                        |
| Pre-Wire Cable          | Certified pre-wired 3x0.1.0 sqmm cable, featuring H07RN-F neoprene insulation.<br>Integrated anti-humidity kit preventing moisture buildup and ensuring longevity.                                                                                                                                                                                                                                               |
| Caution                 | Installation must be performed as per the provided installation instructions.                                                                                                                                                                                                                                                                                                                                    |

|       |                                                                                                                                                                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color | <div> <div></div> Black 01           <div></div> Graphite 02           <div></div> Dark Grey 03           <div></div> Aluminum Silver 04           <div></div> White 06         </div> |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Light Distribution



Bug Report



| Lum. Classification System (LCS) |           |          |       |       |
|----------------------------------|-----------|----------|-------|-------|
| LCS                              | Zone      | %Lumens  | %Lamp | %Lum  |
| FL                               | [0-30]    | 639.8    | 45.7  | 45.7  |
| FM                               | [30-60]   | 54.3     | 3.9   | 3.9   |
| FH                               | [60-80]   | 5.5      | 0.4   | 0.4   |
| FVH                              | [80-90]   | 0.6      | 0.0   | 0.0   |
| BL                               | [0-30]    | 639.8    | 45.7  | 45.7  |
| BM                               | [30-60]   | 54.3     | 3.9   | 3.9   |
| BH                               | [60-80]   | 5.5      | 0.4   | 0.4   |
| BVH                              | [80-90]   | 0.6      | 0.0   | 0.0   |
| UL                               | [90-100]  | 0.0      | 0.0   | 0.0   |
| UH                               | [100-180] | 0.0      | 0.0   | 0.0   |
| Total                            |           | 1400.4   | 100.0 | 100.0 |
| BUG Rating                       |           | B2-U0-G0 |       |       |

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

# SONIC

## MINI SONIC SPIKE

### SPOTLIGHT



LAST UPDATE: 03-08-2026

#### Accessories



Ordering Code:

AUN-GHS-0001-XX

Glare shield cap

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