

# SKUNA

## MEDIUM SKUNA

### WALL SURFACE MOUNT



LAST UPDATE: 03-03-2025



A new compact bollard and wall luminaire family featuring robust aluminium housing with various type of light distribution. SKUNA utilized LED modules from renowned manufacturer with high precision optical lenses which offer narrow beam, medium beam, wide beam, forward throw and side throw light distribution. Featuring screw-less design housing made from copper free LM6 die-cast aluminium and S6063 extruded aluminium with Nano-Ceramic protection film for superior corrosion resistance. SKUNA is perfect for residential area as well as community-scale blocks.



## Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 5602-K-5-546-XX    |
| Lamp :                | LED                |
| Beam :                | T1                 |
| CCT :                 | 3000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 2280 lm            |
| Luminaire Lumen :     | 1830 lm            |
| Lamp Wattage :        | 18 W               |
| Luminaire Wattage :   | 21 W               |
| Efficacy :            | 87 lm/W            |
| Ambient Temperature : | 50°C               |
| Lumen Maintenance     | L80B10 >108,000 h  |
| Controller :          | DALI               |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 2.00 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

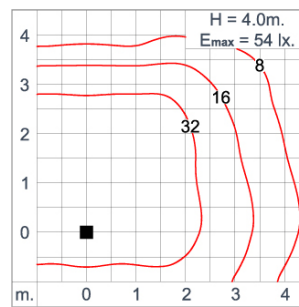
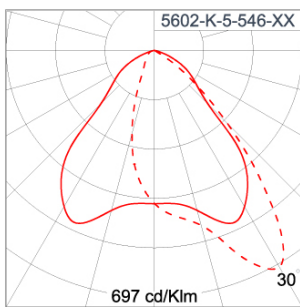
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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### Specification

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|----------|
| IEC Standard                                                                        | IEC 60598-1 General Requirement<br>IEC 60598-2-1 Fixed Luminaires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Protection                                                                          | IP66 Class I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| IK Rating                                                                           | Protection against mechanical impact IK08 on body.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Luminaires Body Housing                                                             | High-pressure die cast aluminum 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Lens                                                                                | Molded PC lens from renowned manufacturers in various light distribution patterns.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| 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 utilized chips from world renowned manufacturer. 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Terminal Block                                                                      | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.<br>Class1 luminaire provided with the earth connection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Caution                                                                             | Installation work has to be carried on according to the enclosed installation manual.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
| Color                                                                               | <table border="0"> <tr> <td></td> <td>Black O1</td> </tr> <tr> <td></td> <td>Graphite O2</td> </tr> <tr> <td></td> <td>Dark Grey O3</td> </tr> <tr> <td></td> <td>Aluminum Silver O4</td> </tr> <tr> <td></td> <td>White O6</td> </tr> </table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |
|  | Black O1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
|  | Graphite O2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
|  | Dark Grey O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
|  | Aluminum Silver O4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |
|  | White O6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |          |                                                                                     |             |                                                                                     |              |                                                                                     |                    |                                                                                     |          |

### Light Distribution



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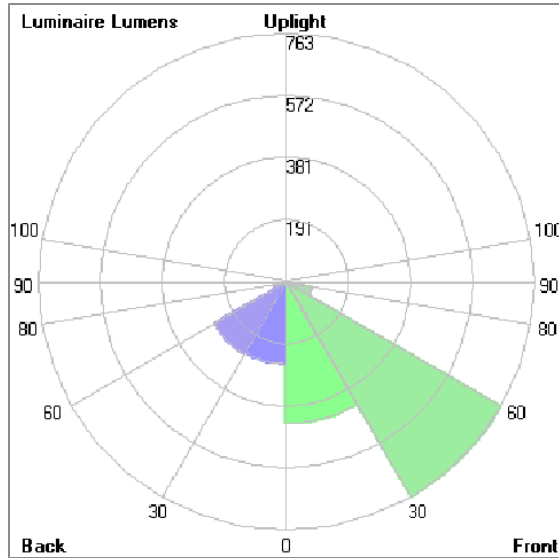
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#### Bug Report



#### Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 434.7    | 19.1  | 23.8  |
| FM         | [30-60]   | 762.6    | 33.4  | 41.7  |
| FH         | [60-80]   | 80.5     | 3.5   | 4.4   |
| FVH        | [80-90]   | 4.7      | 0.2   | 0.3   |
| BL         | [0-30]    | 252.0    | 11.1  | 13.8  |
| BM         | [30-60]   | 255.8    | 11.2  | 14.0  |
| BH         | [60-80]   | 36.6     | 1.6   | 2.0   |
| BVH        | [80-90]   | 0.5      | 0.0   | 0.0   |
| UL         | [90-100]  | 0.4      | 0.0   | 0.0   |
| UH         | [100-180] | 0.6      | 0.0   | 0.0   |
| Total      |           | 1828.4   | 80.1  | 100.0 |
| BUG Rating |           | B1-U1-G0 |       |       |

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