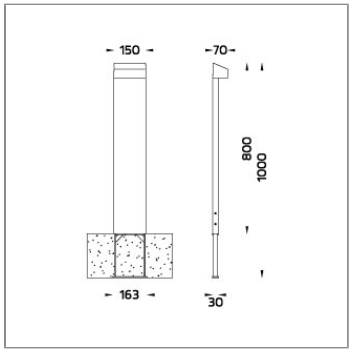
# SKUNA

## MEDIUM SKUNA

BOLLARD

LAST UPDATE: 27-02-2026

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

IP66

| | |
|---|---|
| Ordering Code : | 7848-I-3-569-XX |
| Lamp : | LED |
| Beam : | Side throw |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 1220 lm |
| Luminaire Lumen : | 830 lm |
| Lamp Wattage : | 12 W |
| Luminaire Wattage : | 14 W |
| Efficacy : | 59 lm/W |
| Ambient Temperature : | 40°C |
| Lumen Maintenance | L70B10 >60,500 h |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | - kg. |

### Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

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

IK BODY OPTIC Icon definition

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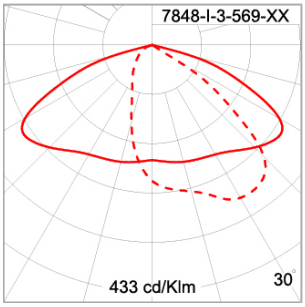
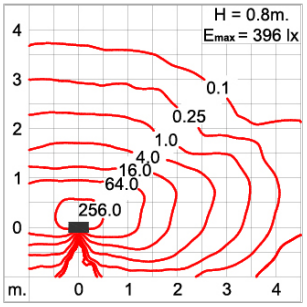
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class I |
| IK Rating | Protection against mechanical impact IK10 on body and IK08 on optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Extruded aluminum S6063 alloy body with low copper content. |
| | Hot-Dipped Galvanized Anchor Bolt Kit. |
| 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°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 M14 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 5-8mm. 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°C to +180°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. |
| Pre-Wire Cable | Pre-wired with 3x1.0 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<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06<br>Corten 08 |

## Light Distribution

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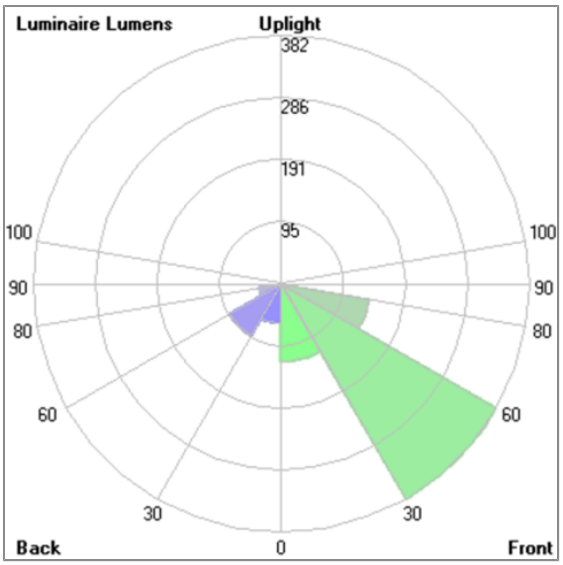
### Bug Report




Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|---|---|---|---|---|
| FL | (0-30) | 120.3 | 9.9 | 14.5 |
| FM | (30-60) | 381.7 | 31.3 | 46.0 |
| FH | (60-80) | 137.2 | 11.2 | 16.5 |
| FVH | (80-90) | 2.2 | 0.2 | 0.3 |
| BL | (0-30) | 61.2 | 5.0 | 7.4 |
| BM | (30-60) | 91.4 | 7.5 | 11.0 |
| BH | (60-80) | 34.8 | 2.8 | 4.2 |
| BVH | (80-90) | 0.7 | 0.1 | 0.1 |
| UL | (90-100) | 0.1 | 0.0 | 0.0 |
| UH | (100-180) | 0.3 | 0.0 | 0.0 |
| Total | | 829.9 | 68.0 | 100.0 |
| **BUG Rating** | | **B0-U1-G0** | | |

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