

# CAP

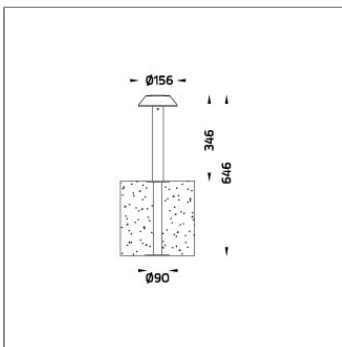
## MINI CAP – BOLLARD ROOT MOUNT BASE BOLLARD



LAST UPDATE: 18-06-2024



The CAP range is a fresh range of bollards and low mounted pole lights. Designed from scratch with the latest lighting requirements in mind. The highly efficient LEDs are shielded and emit no upward light. The light engine features great color consistency, excellent color rendering index and dimming options. Specification grade optics make the medium sized version a highly competitive lighting tool for demanding professional lighting tasks. With its compact dimensions the small sized CAP is a smart solution for residential lighting projects. Regardless of size the prewired supply cable, numerous mounting solutions and minimized amount of screws assure a simplified installation process.



### Technical Data



|                       |                    |
|-----------------------|--------------------|
| Ordering Code :       | 7877-0-3-574-XX    |
| Lamp :                | LED                |
| CCT :                 | 2700 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 750 lm             |
| Luminaire Lumen :     | 640 lm             |
| Lamp Wattage :        | 4.8 W              |
| Luminaire Wattage :   | 7 W                |
| Efficacy :            | 91 lm/W            |
| Ambient Temperature : | 40°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

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### BOLLARD

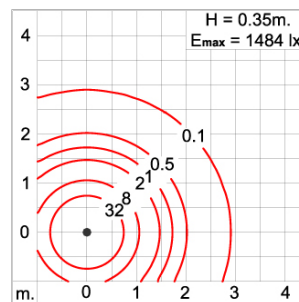
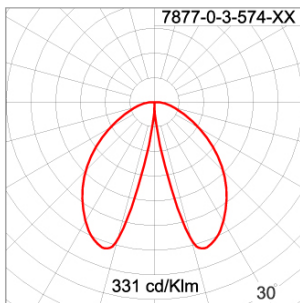


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### Specification

|                         |   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|-------------------------|---|--|----------|--|-------------|--|--------------|--|--------------------|--|----------|--|-----------------|
| 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.<br>Extruded aluminum 56063 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.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| 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 M16 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. 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.   |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Pre-Wire Cable          | Pre-wired with 3x1.0 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.<br>The water drainage system must be tested to ensure that it is working sufficiency and efficiency.  |  |          |  |             |  |              |  |                    |  |          |  |                 |
| Color                   | <table><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><tr><td></td><td>Wooden Brown O7</td></tr></table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |  | Wooden Brown O7 |
|                         | Black O1  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Graphite O2   |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Dark Grey O3  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Aluminum Silver O4  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | White O6  |  |          |  |             |  |              |  |                    |  |          |  |                 |
|                         | Wooden Brown O7   |  |          |  |             |  |              |  |                    |  |          |  |                 |

### Light Distribution



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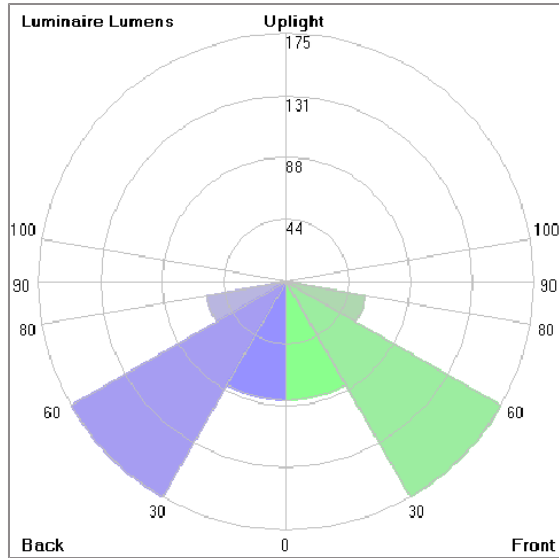
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### Bug Report



### Lum. Classification System [LCS]

| LCS        | Zone      | %Lumens  | %Lamp | %Lum  |
|------------|-----------|----------|-------|-------|
| FL         | [0-30]    | 83.5     | 11.1  | 13.1  |
| FM         | [30-60]   | 175.0    | 23.3  | 27.4  |
| FH         | [60-80]   | 56.7     | 7.6   | 8.9   |
| FVH        | [80-90]   | 4.7      | 0.6   | 0.7   |
| BL         | [0-30]    | 83.5     | 11.1  | 13.1  |
| BM         | [30-60]   | 175.0    | 23.3  | 27.4  |
| BH         | [60-80]   | 56.7     | 7.6   | 8.9   |
| BVH        | [80-90]   | 4.7      | 0.6   | 0.7   |
| UL         | [90-100]  | < 0.05   | 0.0   | 0.0   |
| UH         | [100-180] | 0.0      | 0.0   | 0.0   |
| Total      |           | 639.8    | 85.2  | 100.0 |
| BUG Rating |           | BO-U1-G0 |       |       |

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#### Accessories



#### Ordering Code:

AUN-CON-0013-00

IP68 connection device,  
cable diameter 7-11.5mm,

On-Off

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