POM OPAL - BOLLARD
BOLLARDS


POM is a family of unshielded bollard and wall light with symmetrical diffused light distribution. High power COB LED is installed inside this luminaire. It is available in three color temperature $2700 \mathrm{~K}, 3000 \mathrm{~K}$ or 4000K. HID light source and E27 holder for Led retrofit lamps is also available. The impact resistant PC lens cover is available in prismatic and opal, both producing a uniform wide beam light distribution. POM is generally installed in the walk ways, parks, gardens, commercial areas and open spaces where general lighting is needed. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

## Technical Data <br> Technical Data





| Ordering Code : | $7150-0-3-436-X X$ |
| :--- | :--- |
| Lamp : | TC-TEL |
| Socket | GX24q-4 |
| CCT : | $2700-6500 \mathrm{~K}$ |
| Lamp Lumen : | 3200 Im |
| Luminaire Lumen : | 3200 Im |
| Lamp Wattage : | 42 W |
| Luminaire Wattage : | 42 W |
| Ambient Temperature : | $25^{\circ} \mathrm{C}$ |
| Controller : | On-Off |
| Input Voltage : | $220-240 \mathrm{Vac} 50 / 60 \mathrm{~Hz}$ |
| Net Weight : | 6.10 kg. |

POM OPAL - BOLLARD

Specification

| IEC Standard | IEC 60598-1 General Requirement |
| :---: | :---: |
|  | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP65 Class I |
| IK Rating | Protection against mechanical impact IK10 on body and optical part. |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. |
|  | Extruded Aluminium 56063 alloy body with low copper content. |
| 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 $200^{\circ} \mathrm{C}$. |
| Diffuser | Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive. |
| Gasket | Weather resistant silicone gasket. Working temperature $-40^{\circ} \mathrm{C}$ to $+200^{\circ} \mathrm{C}$. |
| External Screws | External screws are in stainless steel with protection grease. |
| Cable Entry | Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. diameter. |
| Lamp Holder | G24q/ GX24q lampholder in PBT body. IMQ/ ENEC approved. |
| Ballast | Electronic ballast for fluorescent lamp. ENEC approved. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature $-40^{\circ} \mathrm{C}$ to $+180^{\circ} \mathrm{C}$. |
| 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. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01 |
|  | Graphite 02 |
|  | Dark Grey 03 |
|  | Aluminium Silver 04 |
|  | White 06 |
|  | Wooden Brown 07 |

## Light Distribution



## Bug Report



| Lum. Classification System [LCS] |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :---: |
| LCS | Zone | \%Lumens | \%Lamp | \%Lum |  |
| FL | $[0-30]$ | 8.1 | 0.3 | 1.1 |  |
| FM | $[30-60]$ | 60.8 | 1.9 | 8.1 |  |
| FH | $[60-80]$ | 76.0 | 2.4 | 10.2 |  |
| FVH | $[80-90]$ | 43.8 | 1.4 | 5.9 |  |
| BL | $[0-30]$ | 7.9 | 0.2 | 1.1 |  |
| BM | $[30-60]$ | 57.6 | 1.8 | 7.7 |  |
| BH | $[60-80]$ | 71.8 | 2.2 | 9.6 |  |
| BVH | $[80-90]$ | 41.3 | 1.3 | 5.5 |  |
| UL | $[90-100]$ | 85.5 | 2.7 | 11.5 |  |
| UH | $[100-180]$ | 293.6 | 9.2 | 39.3 |  |
| 746.4 |  |  |  |  |  |
| Total | 23.4 | 100.0 |  |  |  |
| BUG Rating | BO-U3-G1 |  |  |  |  |
|  |  |  |  |  |  |

POM OPAL - BOLLARD

## Accessories



Ordering Code
AUN-CON-0009-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 5.0 -
9.5 mm .


Ordering Code:
AUN-CON-0010-00 P68 Water Tight
Connecting Device with
Distribution block, 3 pole, 1
input, 2 outputs, Cable Diameter 5.0-9.5mm.


Ordering Code:
AUN-CON-0013-00
IP68 Water Tight
Connecting Device, 3 Pole,
Cable Diameter 7 - 11.5mm.


Ordering Code:
AUN-ACB-0001-00
Anchor Bolt Kit for Bollard

