

CHARISMA range of compact to mid-size bollard and wall light designed for residential, community and commercial sites. It is pre-wired from the factory with double insulated construction therefore safe and simple to install.
CHARISMA is designed to utilize a high efficiency reflector and COB LED and available in three color temperatures from 2700K, 3000K and 4000K. It is supplied with built-in driver in both non-dimmable and 1-10V/ DALI dimmable options. The clear polycarbonate cover with internal glare suppression louvers improves the light quality by limiting the upward light emission. The bollard height can be customized according to specific requirement. An anchorage unit is available as an accessory.

Technical Data


| Ordering Code : | 7157-0-2-493-XX |
| :--- | :--- |
| Lamp : | TC-TSE |
| Socket | E27 |
| CCT : | $2700-6500 \mathrm{~K}$ |
| Lamp Lumen : | 900 Im |
| Luminaire Lumen : | 900 lm |
| Lamp Wattage : | 15 W |
| Luminaire Wattage : | 15 W |
| Ambient Temperature : | $25^{\circ} \mathrm{C}$ |
| Controller : | On-Off |
| Input Voltage : | $220-240 \mathrm{Vac} 50 / 60 \mathrm{~Hz}$ |
| Net Weight : | 4.40 kg. |

## MEDIUM CHARISMA2 ROUND - BOLLARD

## BOLLARDS

## Specification

| IEC Standard | IEC 60598-1 General Requirement |
| :---: | :---: |
|  | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class II |
| 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 clear polycarbonate diffuser with UV stabilized additive. |
| Reflector | Glare shield slanted aluminium louvers. |
| 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 | E27 lampholder in ceramic body. VDE/ 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. |
| 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



## MEDIUM CHARISMA2 ROUND - BOLLARD

| Lum. Classification System [LCS] |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| LCS | Zone | \%Lumens | \%Lamp | \%Lum |
| FL | $[0-30]$ | 2.9 | 0.3 | 1.1 |
| FM | $[30-60]$ | 39.0 | 4.3 | 15.5 |
| FH | $[60-80]$ | 42.4 | 4.7 | 16.8 |
| FVH | $[80-90]$ | 15.6 | 1.7 | 6.2 |
| BL | $[0-30]$ | 2.9 | 0.3 | 1.1 |
| BM | $[30-60]$ | 39.0 | 4.3 | 15.5 |
| BH | $[60-80]$ | 42.4 | 4.7 | 16.8 |
| BVH | $[80-90]$ | 15.6 | 1.7 | 6.2 |
| UL | $[90-100]$ | 20.3 | 2.3 | 8.0 |
| UH | $[100-180]$ | 32.6 | 3.6 | 12.9 |
| 252.7 |  |  |  |  |
| Total | 27.9 | 100.0 |  |  |
| BUG Rating | BO-U2-G1 |  |  |  |

## MEDIUM CHARISMA2 ROUND - BOLLARD

## BOLLARDS

## Accessories



Ordering Code
AUN-CON-0011-OO
IP68 Water Tight
Connecting Device 5 Pole,
Cable Diameter 7.1 - 13mm.
[1-10V or Dali]


Ordering Code:
AUN-CON-0012-00
IP68 Water Tight
Connecting Device with
Distribution block, 5 pole, 1 input, 2 outputs, Cable Diameter 7.1 - 13mm. [1-10V or Dali]


Ordering Code:
AUN-CON-0014-00
IP68 Water Tight
Connecting Device 5 Pole,
Cable Diameter 8 -
12.5 mm . [1-10V or DALI]


Ordering Code:
AUN-ACB-0007-00
Anchor Bolt Kit

