

CONE

CONE 1 – POLE TOP LIGHT

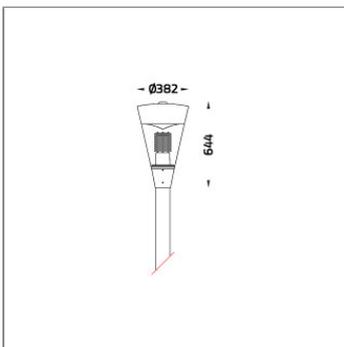
POLE LIGHT & POLE TOP LIGHT



LAST UPDATE: 16-02-2024



CONE is as its name suggests, a series of cone-shaped pole top and wall mounted luminaires with shielded light source. The recommended mounting height is between 3 – 4 metres. CONE family is available in various styles for example, with internal glare suppression opal diffuser, slanted louvers and funnel shaped reflector. Discoloration of the cover is avoided by the use of high quality PMMA material. Recommended uses are in gardens, parks, residential areas, squares and public spaces. Aluminium pole, galvanized steel pole and anchor unit for concrete foundation are also available.



Technical Data



| | |
|-----------------------|--------------------|
| Ordering Code : | 7203-0-3-436-XX |
| Lamp : | TC-TEL |
| Socket : | GX24q-4 |
| CCT : | 2700-6500 K |
| Lamp Lumen : | 3200 lm |
| Luminaire Lumen : | 3200 lm |
| Lamp Wattage : | 42 W |
| Luminaire Wattage : | 42 W |
| Ambient Temperature : | 25°C |
| Controller : | On-Off |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 5.90 kg. |

Ordering code guide

XXXX-X-X-XXX-XX
A C 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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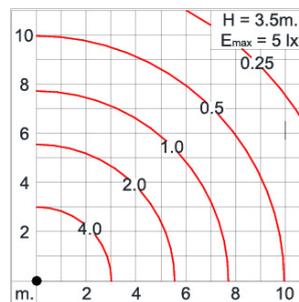
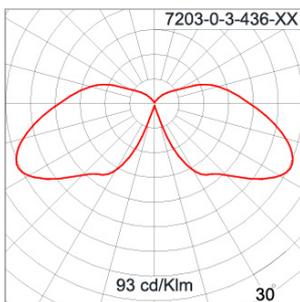


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Specification

| | | | | | | | | | | | | | |
|-------------------------|--|--|----------|--|-------------|--|--------------|--|---------------------|--|----------|--|-----------------|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires | | | | | | | | | | | | |
| Protection | IP54 Class I | | | | | | | | | | | | |
| IK Rating | Protection against mechanical impact IK07 on body and optical part. | | | | | | | | | | | | |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. High Strength Cast Aluminium alloy component. Spun Aluminium alloy component. | | | | | | | | | | | | |
| 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 | Weather resistant injected clear PMMA cover. | | | | | | | | | | | | |
| Reflector | Glare shield slanted aluminium louvers. | | | | | | | | | | | | |
| Gasket | Weather resistant silicone gasket. Working temperature -40°C to +200°C. | | | | | | | | | | | | |
| External Screws | External screws are in stainless steel with protection grease. | | | | | | | | | | | | |
| 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°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. | | | | | | | | | | | | |
| Caution | Installation work has to be carried on according to the enclosed installation manual. | | | | | | | | | | | | |
| 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>Aluminium 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 | | Aluminium Silver O4 | | White O6 | | Wooden Brown O7 |
| | Black O1 | | | | | | | | | | | | |
| | Graphite O2 | | | | | | | | | | | | |
| | Dark Grey O3 | | | | | | | | | | | | |
| | Aluminium Silver O4 | | | | | | | | | | | | |
| | White O6 | | | | | | | | | | | | |
| | Wooden Brown O7 | | | | | | | | | | | | |

Light Distribution



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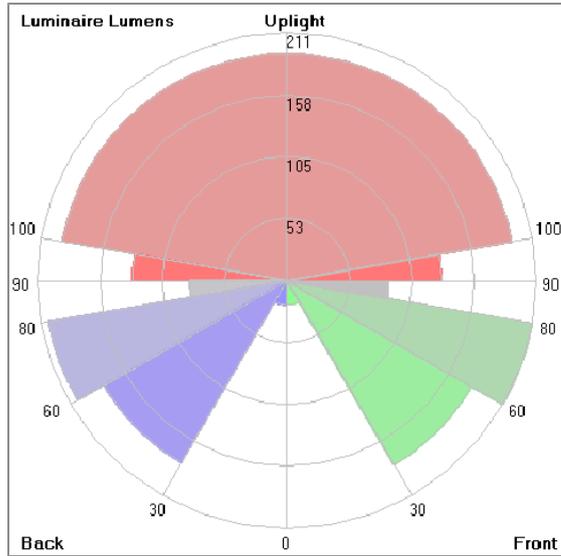
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Bug Report



Lum. Classification System [LCS]

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 20.8 | 0.6 | 1.6 |
| FM | [30-60] | 180.2 | 5.6 | 13.8 |
| FH | [60-80] | 210.6 | 6.6 | 16.1 |
| FVH | [80-90] | 86.0 | 2.7 | 6.6 |
| BL | [0-30] | 21.0 | 0.7 | 1.6 |
| BM | [30-60] | 178.8 | 5.6 | 13.7 |
| BH | [60-80] | 204.2 | 6.4 | 15.6 |
| BVH | [80-90] | 82.5 | 2.6 | 6.3 |
| UL | [90-100] | 130.6 | 4.1 | 10.0 |
| UH | [100-180] | 192.4 | 6.0 | 14.7 |
| Total | | 1307.1 | 40.9 | 100.0 |
| BUG Rating | | B1-U3-G1 | | |

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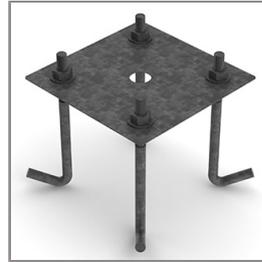
Accessories



Ordering Code:
ALUMINIUM-POLE-FOR-CONE
Please contact Sales
Representative



Ordering Code:
STEEL-POLE-FOR-CONE
Please contact Sales
Representative



Ordering Code:
AUN-ACB-0008-00
Anchor Bolt Kit for
Galvanized Steel Pole. [for
Diameter 102mm. and
151x102mm.]



Ordering Code:
AUN-ACB-0005-00
Anchor Bolt Kit for
Aluminium Pole