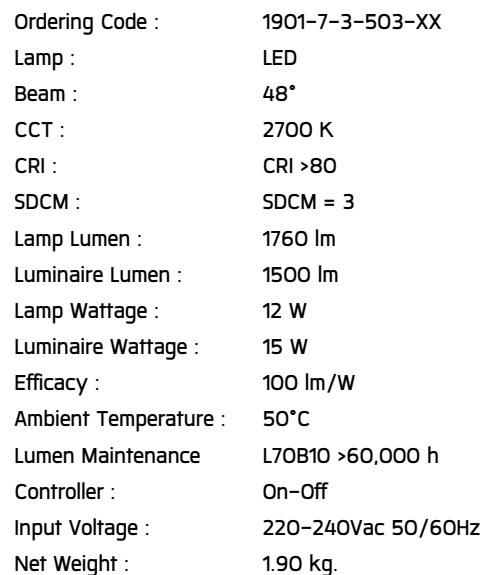
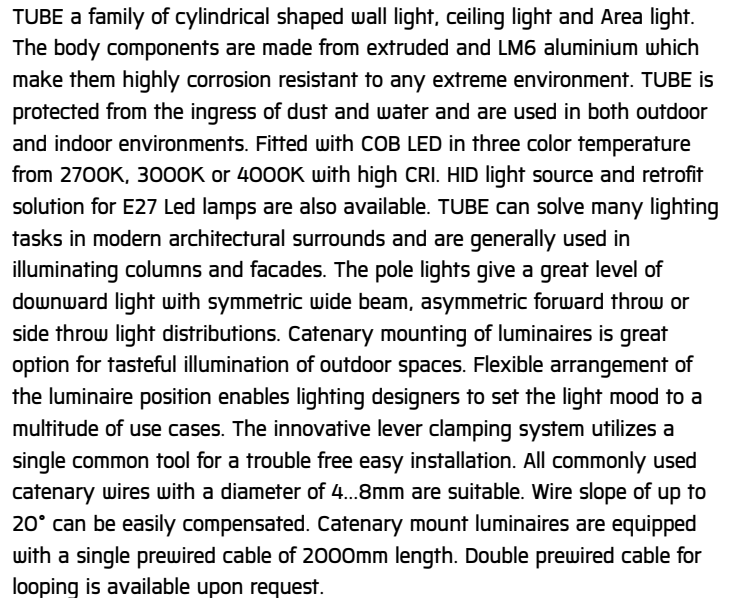


CATENARY LUMINAIRES



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



TUBE

MINI TUBE – CATENARY

CATENARY LUMINAIRES

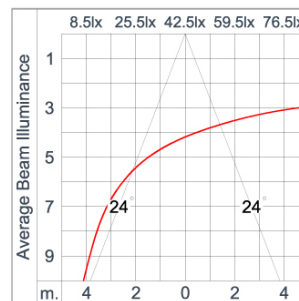
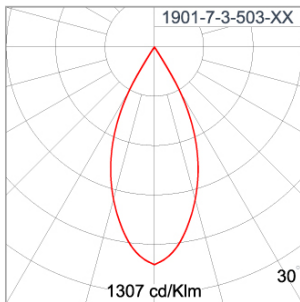


LAST UPDATE: 21-03-2024

Specification

| | | | | | | | | | | | | | |
|-------------------------|--|--|----------|--|-------------|--|--------------|--|---------------------|--|----------|--|-----------------|
| IEC Standard | IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires | | | | | | | | | | | | |
| Protection | IP66 Class I | | | | | | | | | | | | |
| IK Rating | Protection against mechanical impact IK08 on body and IK07 optical part. | | | | | | | | | | | | |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. Extruded Aluminium S6063 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. | | | | | | | | | | | | |
| Reflector | High performance metallized reflector. | | | | | | | | | | | | |
| 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 weather proof grommet. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. diameter. | | | | | | | | | | | | |
| Led | High efficiency LED module in COB technology. 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. | | | | | | | | | | | | |
| Enhanced Protection | The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11. | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | |
| 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



*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

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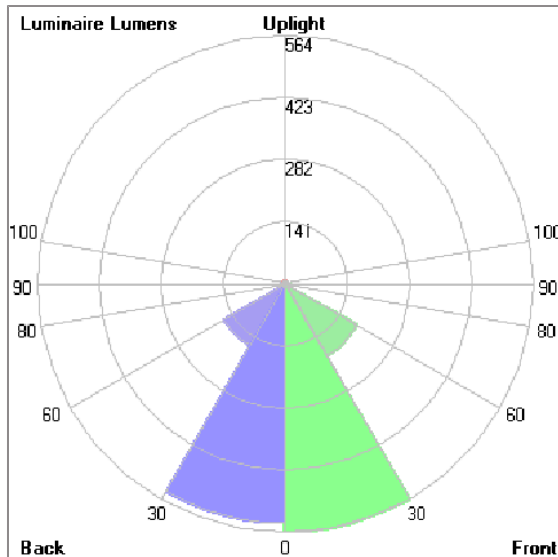
MINI TUBE – CATENARY

CATENARY LUMINAIRES



LAST UPDATE: 21-03-2024

Bug Report



Lum. Classification System (LCS)

| LCS | Zone | %Lumens | %Lamp | %Lum |
|------------|-----------|----------|-------|-------|
| FL | [0-30] | 564.1 | 32.1 | 37.7 |
| FM | [30-60] | 188.8 | 10.7 | 12.6 |
| FH | [60-80] | 13.9 | 0.8 | 0.9 |
| FVH | [80-90] | 3.6 | 0.2 | 0.2 |
| BL | [0-30] | 543.9 | 30.9 | 36.3 |
| BM | [30-60] | 162.0 | 9.2 | 10.8 |
| BH | [60-80] | 12.4 | 0.7 | 0.8 |
| BVH | [80-90] | 2.7 | 0.2 | 0.2 |
| UL | [90-100] | 0.2 | 0.0 | 0.0 |
| UH | [100-180] | 6.3 | 0.4 | 0.4 |
| Total | | 1497.9 | 85.2 | 100.0 |
| BUG Rating | | B2-U1-G0 | | |

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MINI TUBE – CATENARY

CATENARY LUMINAIRES



LAST UPDATE: 21-03-2024

Accessories



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



Ordering Code:
AUN-CON-0010-00
IP68 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.