# **PROLUMIA**<sup>®</sup>

#### **LED Pro-Cone**

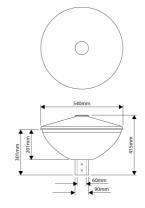
Pro-Cone Lens type 2

# 41380213 EAN: 8720874790327

### VANDAL RESISTANT AND CIRCULAIR LED CONE FIXTURE FOR OPTIMAL PUBLIC LIGHTING

The Pro-Cone is a vandal resistand and circular LED cone fixture that guarantees maximum and optimal illumination of the public space. This without unnecessary light hindrance and light pollution, because it's possible to choose of 5 different lens types. Because of this, it is possible to create light as desired. Due to the many options, the long life span, the high efficiency and the choice of the different lenses, the Pro-Cone is very widely applicable. Ideal for use in residential areas, parking lots, cycle paths, squares and downtown areas.





#### PRODUCT FEATURES

| With light source     Iumen maintenance at median useful<br>life of 50,000 h at 25 °C ambient (tq)     80 Percentage       Lamp holder     None     Lumen maintenance at median useful<br>life of 10,000 h at 25 °C ambient (tq)     80 Percentage       Housing material     Aluminium     Rated life time L70/B50 at 25 °C     150000 Hour       Surface protection     Other     Rated life time L80/B10 at 25 °C     110000 Hour       Housing colour     Black     Suitable for spigot size     60 60 Millimetre       Material cover     Plastic matt/satinized     Rated life time L90/B10 at 25 °C     55000 Hour       Voltage type     AC     Suitable for spigot size     60 60 Millimetre       Voltage type     AC     Called ambient temperature according to<br>IEC 62722-2-1     5 Metre       Type of control gear     LED operating device current-controlled     Cable length     5 Metre       With control gear     LED operating device current-controlled     Cable length     13 Lumen/Watt       Dimming 0-10 V     X     Luminaire efficacy     131 Lumen/Watt       Dimming DALI     X     Power factor     0.83       Dimming DIng DAL     X     Power factor     0.83       Dimming Dines witch     X     Number of poles     3       Dimming DRS     X     Conductor cross section     1 Square millimet       Dimming PRS   | Mounting method                           | Post top                                | Nominal voltage                         | 220 240 Volt           |
|--|---|---|---|------------------------|
| If e of 50,000 h at 25 °C ambient (tq)A travelLamp holderNoneLumen maintenance at median useful<br>life of 100,000 h at 25 °C ambient (tq)80 PercentageHousing materialAluminiumRated life time L70/B50 at 25 °C150000 HourHousing colourBlackSuitable for spigot size60[60 MillimetreHousing colourBlackSuitable for spigot size60[60 MillimetreMaterial coverPlastic matt/satinizedRated life time L80/B10 at 25 °C55000 HourVoltage typeACRated and life time L90/B10 at 25 °C55000 HourVoltage typeACRated antibient temperature according to<br>EC 62722-21-25/50 Degrees celsiusType of control gearLED operating device current-controlledCable length5 MetreWith control gearMax. system power12 WattExchangeable control gearRated Iminues flux according to IEC<br>62722-211600 LumenDinming 0-10 VXColou temperature0.83Dinming 1-10 VPower factor0.83Dinming DALXNumber of poles3Dinming DSIXColou terpores section1 Square millimetreDinming GPRSXSSSVoltage modulationXColuctor cross section1 Square millimetreDinming phase cut-offXSSSDinming phase cut-offXSSSDinming phase cut-offXSSDinming phase cut-offXSS </td <td>Lamp type</td> <td>LED exchangeable</td> <td>LED nominal current at constant current</td> <td>222 222 Milliampere</td>   | Lamp type                                 | LED exchangeable                        | LED nominal current at constant current | 222 222 Milliampere    |
| Housing material         Aluminium         Rated life time L70/B50 at 25 °C ambient (tq)         Or           Housing material         Other         Rated life time L70/B50 at 25 °C         150000 Hour           Surface protection         Other         Rated life time L80/B10 at 25 °C         60(60 Millimetre           Housing colour         Black         Suitable for spigot size         60(60 Millimetre           Voltage type         AC         Rated life time L90/B10 at 25 °C         55000 Hour           Voltage type         AC         Rated life time L90/B10 at 25 °C         55000 Hour           Ype of control gear         LED operating device current-controlled         Cable length         5 Metre           With cortol gear          AC         Rated liminous flux according to IEC         62722-2-1           Dimming 0-10 V          Acconce         62722-2-1         6000 Lumen           Dimming 0-10 V          Colour temperature according to IEC         62702 Liminous flux according to IEC         6200 Lumen           Dimming 0-10 V          Colour temperature         4000/4000 Kelvin         6270 Millimetre           Dimming DAL          Power factor         0.83         640         640 Millimetre           Dimming DAS          Conduct cross se  | With light source                         | <b>v</b>                                |   | 90 Percentage          |
| Surface protectionOtherRated life time L80/B10 at 25 °C110000 HourHousing colourBlackSuitable for spigot size60/60 MillimetreMaterial coverPlastic matt/satinizedRated allife time L90/B10 at 25 °C55000 HourVoltage typeCCScience-25/50 Degrees celsiusType of control gearLED operating device current-controlledCable length5 MetreWith control gearEMax. system power12 WattExchangeable control gear-Rated allife time L90/B10 at 25 °C1000 LumenDimming 0-10 VImainare efficacy131 Lumen/WattDimming 10 V4Colour temperature4000[4000 KelvinDimming DALIXPower factor0.83Dimming DSIXNumber of poles3Dimming GPRSXConductor sesection1 Square millimetreDimming manufacturer's proprietary<br>systemXConductor coss section1 Square millimetreDimming phase cut-onXSuccording1 Square millimetreDimming RFXSuccordingSuccord   | Lamp holder                               | None                                    |   | 80 Percentage          |
| Housing colour       Black       Suitable for spigot size       60 60 Millimetre         Material cover       Plastic matt/satinized       Rated life time L90/B10 at 25 °C       55000 Hour         Voltage type       AC       Rated ambient temperature according to<br>IEC 62722-21       -25/50 Degrees celsius<br>IEC 62722-21         Type of control gear       LED operating device current-controlled       Cable length       5 Metre         With control gear       Max. system power       12 Watt         Exchangeable control gear       Rated luminous flux according to IEC<br>62722-21       1600 Lumen         Dimming 0-10 V       X       Luminaire efficacy       131 Lumen/Watt         Dimming 1-10 V       S       Colour temperature       4000 4000 Ketvin         Dimming DALI       X       Power factor       0.83         Dimming DSI       X       Diameter       540 Millimetre         Dimming CPRS       X       Conductor cross section       1 Square millimetr         Dimming nains voltage modulation       X       Conductor cross section       1 Square millimetr         Dimming phase cut-off       X       Conductor cross section       1 Square millimetr         Dimming phase cut-off       X       Conductor cross section       1 Square millimetr         Dimming programmable   | Housing material                          | Aluminium                               | Rated life time L70/B50 at 25 °C        | 150000 Hour            |
| Material coverPlastic matt/satinizedRated life time L90/B10 at 25 °C55000 HourVoltage typeACRated ambient temperature according to<br>IEC 62722-2-1-25/50 Degrees celsiusType of control gearLED operating device current-controlledCable length5 MetreWith control gearImage: System power12 WattExchangeable control gearImage: System power1600 LurenDimming 0-10 VImage: System power131 Luren/WattDimming 1-10 VColour temperature400/4000 KelvinDimming DALIRated uminous flux according to IEC0.83Dimming DSIImage: System power3Dimming DSISome power factor3Dimming GPRSSome power3Dimming anufacturer's proprietary<br>systemColouct rorss section1 Square millimetDimming phase cut-offSome power1Dimming phase cut-offSome power1Dimming phase cut-offSome power1Dimming phase cut-offSome power1Dimming RFKSome powerDimming RFKSome power  | Surface protection                        | Other                                   | Rated life time L80/B10 at 25 °C        | 110000 Hour            |
| Voltage type       AC       Rated ambient temperature according to<br>IEC 62722-2-1       -25/50       Degrees celsus<br>IEC 62722-2-1         Type of control gear       LED operating device current-controlled       Cable length       5       Metre         With control gear       Max. system power       12       Watt         Exchangeable control gear       Rated luminous flux according to IEC<br>62722-2-1       1600       Lumen         Dimming 0-10 V       X       Colour temperature       4000/04000       Kelvin         Dimming 0-10 V       X       Colour temperature       4000/04000       Kelvin         Dimming 0-10 V       X       Colour temperature       4000/04000       Kelvin         Dimming DALI       X       Power factor       0.83       Colour temperature       540       Millimetre         Dimming DSI       X       Number of poles       3       Conductor cross section       1       Square millimetre         Dimming GPRS       X       Scuare millimetre       Square millimetre       Square millimetre         Dimming phase cut-off       X       Square millimetre       Square millimetre         Dimming phase cut-off       X       Square millimetre       Square millimetre         Dimming phase cut-off       X       Square millimetre  | Housing colour                            | Black                                   | Suitable for spigot size                | 60 60 Millimetre       |
| Type of control gear       LED operating device current-controlled       Cable length       5 Metre         With control gear       IEC 62722-2-1       12 Watt         Exchangeable control gear       Rated luminous flux according to IEC       1600 Lumen         B27222-2-1       627222-2-1       1600 Lumen         Dimming 0-10 V       X       Luminaire efficacy       131 Lumen/Watt         Dimming 1-10 V       Colour temperature       4000/4000 Kelvin         Dimming DALI       X       Power factor       0.83         Dimming DSI       X       Diameter       540 Millimetre         Dimming Dimming potentiometer (integrated)       X       Number of poles       3         Dimming GPRS       X       Conductor cross section       1 Square millimet         Dimming manufacturer's proprietary       X       Section       1 Square millimet         Dimming phase cut-off       X       Section       1 Square millimet         Dimming phase cut-off       X       Section       1 Square millimet         Dimming programmable        Section       1 Square millimet   | Material cover                            | Plastic matt/satinized                  | Rated life time L90/B10 at 25 °C        | 55000 Hour             |
| With control gear       Image: State of the   | Voltage type                              | AC                                      |   | -25 50 Degrees celsius |
| Exchangeable control gear       Rated Juminous flux according to IEC       1600 Lumen         Exchangeable control gear       62722-2-1       131 Lumen/Watt         Dimming 0-10 V       X       Luminaire efficacy       131 Lumen/Watt         Dimming 1-10 V       Colour temperature       4000 4000 Kelvin         Dimming DALI       Power factor       0.83         Dimming DMX       X       Height/depth       415 Millimetre         Dimming DSI       X       Diameter       540 Millimetre         Dimming GPRS       X       Conductor cross section       1 Square millimet         Dimming manufacturer's proprietary system       X       Square millimet         Dimming phase cut-off       X       Square millimet         Dimming phase cut-off       X       Square millimet         Dimming programmable       X       Sature       Sature         Dimming RF       X       Sature       Sature   | Type of control gear                      | LED operating device current-controlled | Cable length                            | 5 Metre                |
| Control of Contro                       | With control gear                         | ✓                                       | Max. system power                       | 12 Watt                |
| Dimming 1-10 V     ✓     Colour temperature     4000 4000 Kelvin       Dimming DALI     X     Power factor     0.83       Dimming DMX     X     Height/depth     415 Millimetre       Dimming DSI     X     Diameter     540 Millimetre       Dimming Detentiometer (integrated)     X     Conductor cross section     1 Square millimetre       Dimming GPRS     X       Dimming manufacturer's proprietary system     X       Dimming phase cut-off     X       Dimming programmable     ✓       Dimming RF     X  | Exchangeable control gear                 | <b>v</b>                                |   | 1600 Lumen             |
| Dimming DALI*Power factor0.83Dimming DMX*Height/depth415 MillimetreDimming DSI*Diameter540 MillimetreDimming potentiometer (integrated)*Number of poles3Dimming GPRS*Conductor cross section1 Square millimetreDimming manufacturer's proprietary<br>system***Dimming phase cut-off***Dimming programmable***Dimming RF***   | Dimming 0-10 V                            | ×                                       | Luminaire efficacy                      | 131 Lumen/Watt         |
| Dimming DMX I Height/depth 415 Millimetre<br>Dimming DSI I Height/depth 415 Millimetre<br>Diameter (integrated) I Onemeter (integrated) I Onemeter (integrated) I Onemeter I Onemeter (integrated) I Onemeter I One I O | Dimming 1-10 V                            | ✓                                       | Colour temperature                      | 4000 4000 Kelvin       |
| Dimming DSI I I A Diameter (integrated) I A Number of poles 3<br>Dimming LineSwitch I A Conductor cross section 1 Square millimetr<br>Dimming GPRS I A Diameter Sproprietary<br>system I A Diameter Sproprietary I A Diameter I A Diamet | Dimming DALI                              | ×                                       | Power factor                            | 0.83                   |
| Dimming potentiometer (integrated) * Number of poles 3<br>Dimming LineSwitch * Conductor cross section 1 Square millimet<br>Dimming GPRS *<br>Dimming manufacturer's proprietary<br>system *<br>Dimming mains voltage modulation *<br>Dimming phase cut-off *<br>Dimming phase cut-on *<br>Dimming programmable *<br>Dimming RF *  | Dimming DMX                               | ×                                       | Height/depth                            | 415 Millimetre         |
| Dimming LineSwitch *   Dimming GPRS *   Dimming GPRS *   Dimming manufacturer's proprietary system *   System *   Dimming mains voltage modulation *   Dimming phase cut-off *   Dimming phase cut-on *   Dimming programmable *   Dimming RF *  | Dimming DSI                               | ×                                       | Diameter                                | 540 Millimetre         |
| Dimming GPRS*Dimming manufacturer's proprietary<br>system*Dimming mains voltage modulation*Dimming phase cut-off*Dimming phase cut-on*Dimming programmable*Dimming RF*   | Dimming potentiometer (integrated)        | ×                                       | Number of poles                         | 3                      |
| Dimming manufacturer's proprietary*Dimming mains voltage modulation*Dimming phase cut-off*Dimming phase cut-on*Dimming programmable<   | Dimming LineSwitch                        | ×                                       | Conductor cross section                 | 1 Square millimetre    |
| system *   Dimming mains voltage modulation *   Dimming phase cut-off *   Dimming phase cut-on *   Dimming programmable *   Dimming RF *   | Dimming GPRS                              | ×                                       |   |                        |
| Dimming phase cut-off     X       Dimming phase cut-on     X       Dimming programmable     ✓       Dimming RF     X   | Dimming manufacturer's proprietary system | ×                                       |   |                        |
| Dimming phase cut-on     *       Dimming programmable     *       Dimming RF     *   | Dimming mains voltage modulation          | ×                                       |   |                        |
| Dimming programmable   | Dimming phase cut-off                     | ×                                       |   |                        |
| Dimming RF X   | Dimming phase cut-on                      | ×                                       |   |                        |
|  | Dimming programmable                      | ✓                                       |   |                        |
| Dimming Sine Wave Reduction  | Dimming RF                                | ×                                       |   |                        |
|  | Dimming Sine Wave Reduction               | ×                                       |   |                        |

PAGE 1/2

## **PROLUMIA**<sup>®</sup>

### **LED Pro-Cone**

Pro-Cone Lens type 2

# 41380213 EAN: 8720874790327

#### **PRODUCT FEATURES** (continuation)

| Dimming Touch and Dim                           | *                |
|---|------------------|
| Dimming Zigbee                                  | ×                |
| Dimming with push-button                        | ×                |
| No dim function                                 | ×                |
| Light distributor                               | Focal lens       |
| Colour consistency (McAdam ellipse)             | SDCM3            |
| Energy efficiency class of the built-in<br>lamp | A++, A+, A (LED) |
| Degree of protection (IP)                       | IP66             |
| Degree of protection (NEMA)                     | 3                |
| Impact strength                                 | IK10             |
| Protection class                                | 1                |
| Remote control                                  | None             |
| With radio control                              | ×                |
| Constant light output (CLO)                     | ×                |
| With light regulation program control           | ×                |
| With connection cable                           | ✓                |
| Colour of light                                 | White            |
| Colour rendering index CRI                      | 70-79            |
| Type of wiring                                  | Ending           |
| Compatible with Apple HomeKit                   | ×                |
| Compatible with Google Assistant                | ×                |
| Connection type                                 | Screwed terminal |
| Compatible with Amazon Alexa                    | ×                |
| IFTTT support available                         | ×                |
| Operation by Bluetooth                          | ×                |
|   |                  |

PAGE 2/2