



Type of luminaire

Type of luminaire: Bollard.

Characteristics of the luminaire: Luminaire with a contemporary design
For lighting gardens and other private and public areas

General information

Materials: Powder painted aluminum cast. Lens - transparent plastic PMMA. Silicone gasket.

Mounting method: Luminaire mounting: 3 holes $\varnothing 9\text{mm}$ on a diameter of $\varnothing 65\text{mm}$ every 120°
According to the attached assembly instructions
Other accessories must be purchased separately

Terminal: Connection terminals: max $5 \times 4\text{mm}^2$ Possibility of connecting the luminaire in loops of max. $5 \times 2.5\text{mm}^2$ Round insulated cable with a diameter of: $\varnothing 8\text{...}12\text{mm}$ or $\varnothing 10\text{...}14\text{mm}$

Type of light source: LED module, DALI outdoor electronic power supply
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.

Light control: System light control: DALI outdoor full programm. The power supply is programmed for the maximum permitted current. Programming of other parameters after contact with the Norlys Sales Department.

Net / gross weight of luminaire: 4,9kg / 5,86kg

Box dimensions [cm]: $92 \times 16 \times 16$

Luminaire dimensions [cm]: $85 \times 12 \times 12$

Technical data

LED module: Cree DK210704 V2 JB2835 3V 4K (⌘ Datasheet)

Driver: Philips Xi FP 22W 0,3-1,0A SNLDAE 230V S175 sXt (⌘ Datasheet)

Driver durability: 100000h

External control: DALI2 (Xi FP NLD) (User manual)

Light source wattage: 20,5W

Luminaire wattage: 23,9W

Lamp luminous flux: 3566lm

Luminaire luminous flux: 2319lm

Light source efficiency: 174lm/W

Efficiency of the luminaire: 97lm/W

Color temperature: 4000K

Colour consistency (McAdam ellipse): SDCM3

Flicker of light (Pst LM): ≤ 0.2

Strobe effect (SVM): ≤ 0.1

Colour rendering index CRI: 80

Rated life time L70/B50 at 25°C : $> 102\,000\text{h}$

Power Factor luminaire: PF 0,99

THD factor: 7%

Overvoltage: 6 / 10kV

Ta Rated temperature: $+25^\circ\text{C}$

Max ambient temperature: $-30\text{...}+40^\circ\text{C}$

This product contains light source of energy efficiency class **A** / EPREL

Optionally, the luminaire is also available:

- operation mode/dimming: DALI/TD
- or other operation mode/dimming: DALI outdoor full programme
- In the safety class for KL II
- For LED color 2700K [1/1]
- For a different luminous flux value
- Version with surge protection device (SPD)
- For a different color of the luminaire (according to the RAL color palette)
- For a different luminaire height

Terms of sale and other information, after contact with the Norlys Sales Department

Inrush current: 15A / 295 μs

Accessories sold separately

205ZX0010: Concreting anchor

206GA0010 ⌘: Ground anchor

206GA0S10: Anchoring support



Spare parts

ZS6093zx0009

Electric set.

Files to download

Photometric LDT files

Photometric IES files

Manual

BIM Revit

BIM ArchiCAD

Indexes

Index	Color	RAL
6093AL	ALUMINIUM	9006
6093GR	GRAPHITE	7016