

Order No.: 5XJ3AE3DD108 | GTIN (EAN): 4069025498236

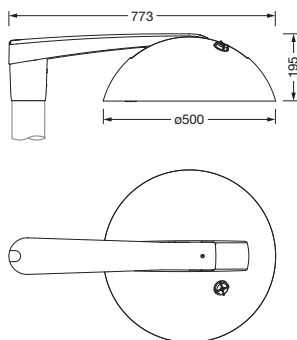
Product description: DL500iQ,S100003,8100lm730,SR,D4i,LST,Za



DL 500 iQ, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: S100003, primary beam angle: wide distribution, light emission: direct distribution, primary light characteristic: asymmetric, 0% light immission, installation type: post-top, installation location: on mast, lamps: LED, rated values: 8.100lm | 58,8W | 137,8lm/W (begin service life); end service life: 8.100lm | 65,2W; at 50% lumin. flux: 4.050lm | 25,6W | 158,2lm/W, colour temperature: 3000K, colour rendering: CRI > 70, light colour: 730, light setting 1 (further light settings possible): 100% | 8.100lm | 58,8W | 137,8lm/W | 3.000K (begin service life); end service life: 65,2W, control gear: iQ-Street Remote, D4i with power reduction, control: pre-setting: logarithmic dimming characteristic, Street-Remote, Auto-Match, Temp-Guard, Lumen-Switch, Night-Set, Smart-Wire, Light-Fading, Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), optimised constant luminous flux control (CLO 2.0), mains connection: 230..240V, AC, 50/60Hz, surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode), connection cable: pre-assembled, cable length: 8,5m, wiring characteristics: H07RN-F, 3X 1,5mm², configuration: L/N/LST, luminaire housing, of diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10° (post-top) | 0°, -5°, -10°, -15° (side-entry), diameter: 500mm, spigot size: 76mm, Smart Interface above: Zhaga, Smart Interface below: Zhaga, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, impact resistance: IK09, standard-compliant lighting for roads and squares, packaging unit: 1 piece

IP 66 IK 09  

Lamps: LED
Wt. (kg): 12.6
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.com)

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 19.08.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: DL500iQ,S100003,8100lm730,SR,D4i,LST,Za



Key data

- Product type: mast luminaire
- Product name: DL 500 iQ
- Order No.: 5XJ3AE3DD108

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: S100003
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated values: 8100lm | 58.8W | 137.8lm/W (begin service life); end service life: 8100lm | 65.2W; at 50% lumin. flux: 4050lm | 25.6W | 158.2lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)

Factory light settings (LS):

- begin service life:
LS 1: 100% | 8100lm | 58.8W | 137.8lm/W | 3000K
- end service life:
LS 1: 65.2W
- further light settings possible

Operating device:

- Control: iQ-Street Remote, D4i with power reduction
- Smart Interface above: Zhaga
- Smart Interface below: Zhaga
- Equipment: optimised constant luminous flux control (CLO 2.0), Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), Light-Fading, Smart-Wire, Night-Set, Lumen-Switch, Temp-Guard, Auto-Match, Street-Remote, pre-setting: logarithmic dimming characteristic

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE

Material, Colour

- luminaire housing: diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), inclination adjustable: 0°, 5°, 10° (post-top) | 0°, -5°, -10°, -15° (side-entry)
- Cover: cover of toughened safety glass

Mounting

- Mounting method, mounting location: post-top, on mast

Electrical connection

- Connection cable: pre-assembled, L= 8.5m, H07RN-F, 3X 1.5mm², L/N/LST
- Nominal voltage: 230..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

Dimensions, Weight

- Diameter: 500mm
- Weight: 12.6kg
- Mast spigot: spigot size: 76mm

Light emission

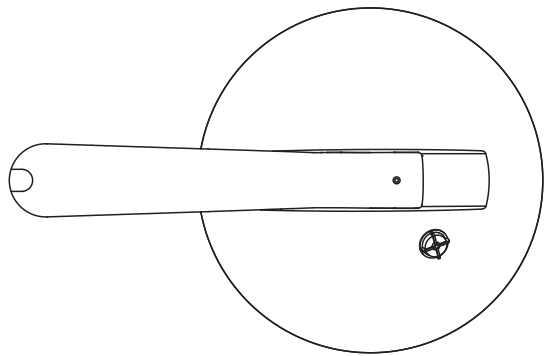
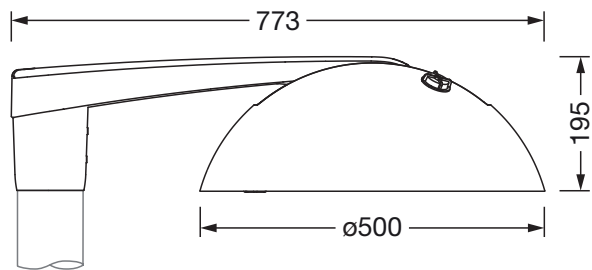
- Light emission: 0% at 0° inclination

Service life

- Rated service life: 100000h at AT = 25°C

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