

Order No.: 5XJ3AE3BD108 | GTIN (EAN): 4069025498038

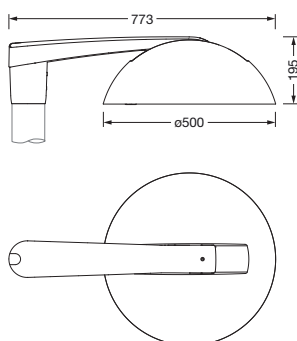
Product description: DL500iQ,S100003,8100lm730,SR,D4i,LSTZb



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 1,5mm<sup>2</sup>, 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 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](http://www.siteco.com))

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

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**Detailed technical description:** DL500iQ,S100003,8100lm730,SR,D4i,LSTZb



## Key data

- Product type: mast luminaire
- Product name: DL 500 iQ
- Order No.: 5XJ3AE3BD108

## 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 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

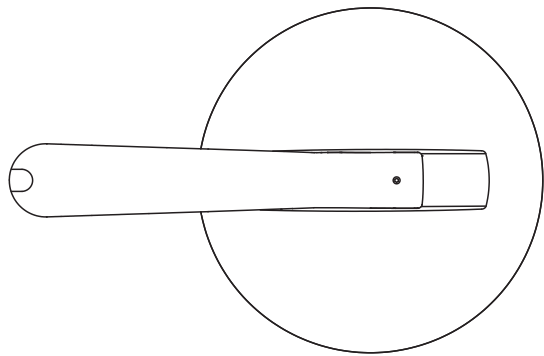
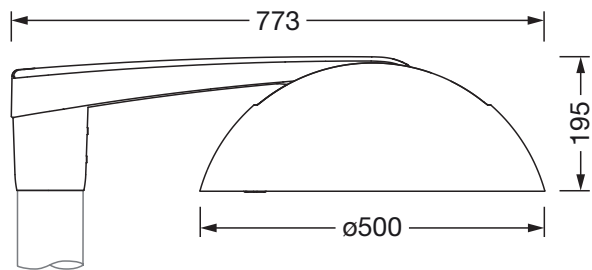
- Light emission: 0% at 0° inclination

## Service life

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

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