

Order No.: 5XJ3AE3DG108 | **GTIN (EAN):** 4069025316950

Product description: DL500iQ,ST1.0a,15610lm730,SR,D4i,LST



DL 500 iQ, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, LED, High Power LED, rated luminous flux: 15.610lm, luminous efficacy: 158lm/W, light colour: 730, colour temperature: 3000K, 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, start of lifetime: 99W, end of service life: 105W, reduction: 45W, 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, mounting height: 4..12m, Smart Interface below and above, 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):	13.6
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Detailed technical description: DL500iQ,ST1.0a,15610lm730,SR,D4i,LST



Key data

- Product type: mast luminaire
- Product name: DL 500 iQ
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Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: ST1.0a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 15610lm
- Luminous efficacy: 158lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 99
- Rated input power end service life: 105
- Rated input power at 50% lumin. flux: 45

Operating device:

- Control: iQ-Street Remote, D4i with power reduction, Smart Interface below and above
- 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)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

Mounting

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

Electrical connection

- Nominal voltage: 230..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

Dimensions, Weight

- Diameter: 500mm
- Weight: 13.6kg
- Mast spigot: spigot size: 76mm

Light emission

- Light emission: 0% at 0° inclination

Service life

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