

Order No.: 5XA248E41F08JE | GTIN (EAN): 4058352803493

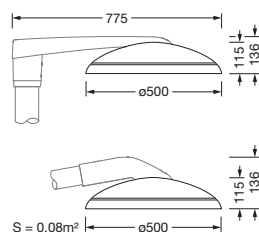
Product description: DL50iQmn,S100006,10300lm740,SR



DL 50 iQ mini, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: S100006, primary beam angle: wide distribution, light emission: direct distribution, primary light characteristic: asymmetric, 0% light immission, installation type: side-entry, post-top, installation location: on mast, lamps: LED, rated values: 10.300lm | 62,6W | 164,5lm/W (begin service life); end service life: 10.300lm | 65,3W; at 50% lumin. flux: 5.150lm | 29W | 177,6lm/W, colour temperature: 4000K, colour rendering: CRI > 70, light colour: 740, light setting 1 (further light settings possible): 100% | 10.300lm | 62,6W | 164,5lm/W | 4.000K (begin service life); end service life: 65,3W, control gear: iQ Street-Remote, control: 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, mains connection: 220..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, 5x 1,5mm<sup>2</sup>, LED unit replaceable, integrated ESD protection against destruction due to static charging when mounted on non-conductive masts / suspension systems, 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), please order mast post-top element or mast side-entry element separately, diameter: 500mm, height: 115mm, post-top: for spigot size d x l = 76 x 100mm; with reducer (optional accessory) 60 x 100mm | side-entry: for spigot size d x l = 60 x 100mm; with reducer (optional accessory) 42 x 100mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, ENEC+, VDE, impact resistance: IK08, permissible operating ambient temperature for outdoor applications: -25..+40°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps: LED  
Wt. (kg): 10.8  
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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

Issued 03.10.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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**Detailed technical description:** DL50iQmn,S100006,10300lm740,SR



## Key data

- Product type: mast luminaire
- Product name: DL 50 iQ mini
- Order No.: 5XA248E41F08JE

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: cover, transparent
- Light distribution: S100006
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated values: 10300lm | 62.6W | 164.5lm/W (begin service life); end service life: 10300lm | 65.3W; at 50% lumin. flux: 5150lm | 29W | 177.6lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)

#### Factory light settings (LS):

- begin service life:  
LS 1: 100% | 10300lm | 62.6W | 164.5lm/W | 4000K
- end service life:  
LS 1: 65.3W
- further light settings possible

#### Operating device:

- Control: iQ Street-Remote
- 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

## Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Temperature range (operation): -25..+40°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, ENEC+, VDE

## 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), please order mast post-top element or mast side-entry element separately
- Cover: cover of toughened safety glass

## Mounting

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

## Electrical connection

- Connection cable: pre-assembled, L= 8.5m, H07RN-F, 5x 1.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

## Dimensions, Weight

- Diameter: 500mm
- Height: 115mm
- Weight: 10.8kg
- Mast spigot: post-top: for spigot size d x l = 76 x 100mm; with reducer (optional accessory) 60 x 100mm | side-entry: for spigot size d x l = 60 x 100mm; with reducer (optional accessory) 42 x 100mm

## Light emission

- Light emission: 0% at 0° inclination

## Service life

- Rated service life: 100000h (L95/B10) at AT = 25°C

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