

Order No.: 5XA248E31F08KE | GTIN (EAN): 4058352803455

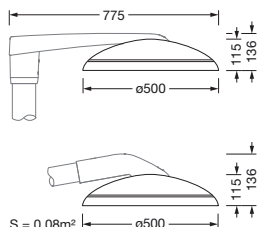
Product description: DL50iQmn,S100006,5500lm730,SR



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: 5.500lm | 32,1W | 171,3lm/W (begin service life); end service life: 5.500lm | 33,1W; at 50% lumin. flux: 2.750lm | 15,5W | 177,4lm/W, colour temperature: 3000K, colour rendering: CRI > 70, light colour: 730, light setting 1 (further light settings possible): 100% | 5.500lm | 32,1W | 171,3lm/W | 3.000K (begin service life); end service life: 33,1W, 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: 6,5m, wiring characteristics: H07RN-F, 5x 1,5mm², 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): 10.3
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Detailed technical description: DL50iQmn,S100006,5500lm730,SR



Key data

- Product type: mast luminaire
- Product name: DL 50 iQ mini
- Order No.: 5XA248E31F08KE

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: 5500lm | 32.1W | 171.3lm/W (begin service life); end service life: 5500lm | 33.1W; at 50% lumin. flux: 2750lm | 15.5W | 177.4lm/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% | 5500lm | 32.1W | 171.3lm/W | 3000K
- end service life:
LS 1: 33.1W
- 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= 6.5m, H07RN-F, 5x 1.5mm²
- 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: 10.3kg
- 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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