

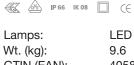
Order No.: 5XA248D31F08HE | GTIN (EAN): 4058352802939

Product description: DL50iQmn,ST1.0a,9400lm730,SR

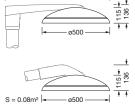




DL® 50 iQ mini, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED, High Power LED, rated luminous flux: 9.400lm, luminous efficacy: 137lm/W, light colour: 730, colour temperature: 3000K, 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: 230..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 8,5m, start of lifetime: 69W, end of service life: 72W, reduction: 30W, 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 \times I = 76 \times 100mm; with reducer (optional accessory) 60 x 100mm | side-entry: for spigot size d x I = 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, 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



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Detailed technical description: DL50iQmn,ST1.0a,9400lm730,SR



Key data

 Product type: mast luminaire - Product name: DL® 50 iQ mini Order No.: 5XA248D31F08HE

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: 9400lm

- Luminous efficacy: 137lm/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: 69

- Rated input power end service life: 72

- Rated input power at 50% lumin. flux:

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, 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° (sideentry), please order mast post-top element or mast side-entry element separately

 Colour specification: Siteco® metallic grey (DB 702S)

Cover: cover of toughened safety glass

Mounting

- Mounting method, mounting location: side-entry, 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)

Connection cable: pre-assembled, L= 8.5m

Dimensions, Weight

 Diameter: 500mm Height: 115mm

Weight: 9.6kg

 Mast spigot: post-top: for spigot size d $x I = 76 \times 100 \text{mm}$; with reducer (optional accessory) 60 x 100mm | sideentry: for spigot size $d \times I = 60 \times I$ 100mm; with reducer (optional accessory) 42 x 100mm

Light emission

- Light emission: 0% at 0° inclination

Service life

 Rated service life: 100000h (L90/B10) at $AT = 25^{\circ}C$

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 17.02.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -



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