

Order No.: 5XA248D41F08RE | GTIN (EAN): 4058352803424

Product description: DL50iQmn,ST1.0a,5990lm740,SR



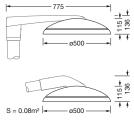


DL® 50 iQ mini, mast luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: side-entry, post-top, LED, High Power LED, rated luminous flux: 5.990lm, luminous efficacy: 177lm/W, light colour: 740, colour temperature: 4000K, 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: 6,5m, start of lifetime: 34W, end of service life: 35W, reduction: 16W, 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



Lamps: LEE Wt. (kg): 9.6

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## Detailed technical description: DL50iQmn,ST1.0a,5990lm740,SR



#### Key data

Product type: mast luminaire
Product name: DL® 50 iQ mini
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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: 5990lm
- Luminous efficacy: 177lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 34
- Rated input power end service life: 35
- Rated input power at 50% lumin. flux:
  16

#### 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° (side-entry), 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= 6.5m

#### **Dimensions, Weight**

- Diameter: 500mmHeight: 115mm
- Weight: 9.6kg
- Mast spigot: post-top: for spigot size d x I = 76 x 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

#### Light emission

Light emission: 0% at 0° inclination

#### Service life

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

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de) 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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