

Order No.: 5XA248W31F08GE | **GTIN (EAN):** 4058352804070

Product description: DL50iQmn,cat,ST1.0s,5190lm730,SR



DL® 50 iQ mini, catenary luminaire, primary light control with lens, of PMMA, primary optical cover: cover, of toughened safety glass, transparent, light distribution: ST1.0s, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, High Power LED, rated luminous flux: 5.190lm, luminous efficacy: 159lm/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, start of lifetime: 33W, end of service life: 34W, reduction: 16W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), diameter: 500mm, height: 115mm, 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:	LED
Wt. (kg):	9.6
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S = 0.06m²

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Detailed technical description: DL50iQmn,cat,ST1.0s,5190lm730,SR

Key data

- Product type: catenary luminaire
- Product name: DL® 50 iQ mini
- Order No.: 5XA248W31F08GE

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

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

Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 5190lm
- Luminous efficacy: 159lm/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: 33
- Rated input power end service life: 34
- 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)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass

Mounting

- Mounting method, mounting location: suspended mounting, to wire
- Supplement: wire suspension required as accessory

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
- Height: 115mm
- Weight: 9.6kg

Light emission

- Light emission: 0%

Service life

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

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$$S = 0.06\text{m}^2$$