

Order No.: 5XA2482Z1B08A2 | GTIN (EAN): 4058352061299

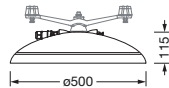
Product description: DL50mn,cat,P1.0s,LED2800lm830,Plus



DL® 50 mini, catenary luminaire, primary light control with 3 zone faceted reflector, of plastic, aluminium vaporised, highly specular, primary optical cover: cover, of toughened safety glass, transparent, partly screenprinted, light distribution: P1.0s, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED High Power LED, rated luminous flux: 2.800 lm, light colour: 830, colour temperature: 3000K, control gear: ECG Plus, control: flexible luminous flux parameterisation, time-dependent luminous flux control, constant luminous flux control, digital communication interface, power reduction, electronic power reduction, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 27 W, end of lifetime: 27 W, reduction: 13 W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), diameter: 500 mm, height: 124mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK08, permissible ambient temperature for indoor applications: -25..+40°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	8.1
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S = 0.06m<sup>2</sup>

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Detailed technical description: DL50mn,cat,P1.0s,LED2800lm830,Plus



#### Key data

- Product type: catenary luminaire
- Product name: DL® 50 mini
- Order No.: 5XA2482Z1B08A2

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, aluminium vaporised, highly specular
- Cover: cover, transparent, partly screenprinted
- Light distribution: P1.0s
- Beam angle: extremely wide distribution
- Symmetry: symmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 2800lm
- Luminous efficacy: 105lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 27
- Rated input power end service life: 27
- Rated input power at 50% lumin. flux: 13
- Supplement: luminaire connection with Wieland plug system, 2x SDI wiring required

#### Operating device:

- Control gear: ECG Plus
- Control: Plus
- Equipment: power reduction, digital communication interface, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation
- Switching method: electronic power reduction

#### 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: 220..240V, 50/60Hz, AC
- Surge voltage resistance: 6kV 1.2/50µs

#### Dimensions, Weight

- Diameter: 500mm
- Height: 124mm
- Weight: 8.1kg

#### Light emission

- Light emission: 0%

#### Service life

- Rated service life: 100000h (L97/B10) at AT = 25°C

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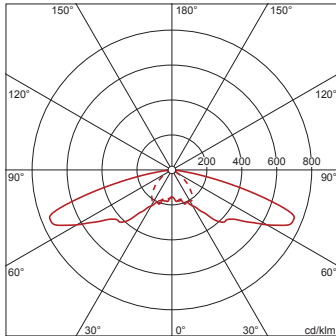
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## 5XA2482Z1B08A2: 1x LED

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5XA2482Z1B08A2

LED 3000 K | CRI  $\geq$  80  $\phi_{\text{N}}$  2800 lm



— C 0/180    - - - C 90/270

Luminous intensity class according to  
EN13201-2: G1