

Order No.: 5XA512836R008P | GTIN (EAN): 4069025024732

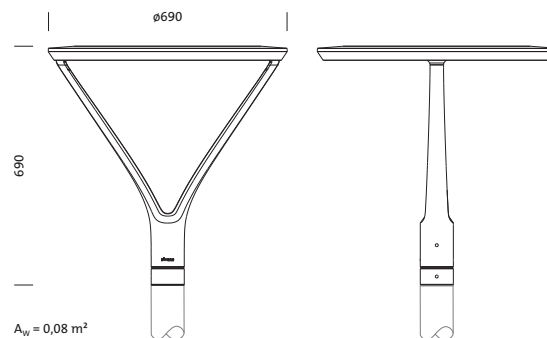
**Product description:** DL20,P1.0a,4220lm727,Plus



DL® 20, mast luminaire, primary light control with cycle path optic, highly specular, primary optical cover: cover, of toughened safety glass of clear glass with excellent transmission level, light distribution: P1.0a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, LED, High Power LED, rated luminous flux: 4.220lm, luminous efficacy: 104lm/W, light colour: 727, colour temperature: 2700K, control gear: Plus, control: flexible luminous flux parameterisation, time-dependent luminous flux control, constant luminous flux control, digital communication interface, power reduction, overheat protection, electronic power reduction, mains connection: 220..240V, 50/60Hz, connection cable pre-assembled, cable length: 5m, start of lifetime: 41W, end of service life: 42W, reduction: 20W, luminaire housing, upper part, of cast aluminium, powder-coated, Siteco® metallic grey (DB 702S), diameter: 690mm, height: 690mm, spigot size: 76mm (post-top), mounting height: 4..6m, luminaire housing, of cast aluminium, powder-coated, Siteco® metallic grey (DB 702S), equipment: Power, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, impact resistance: IK08, permissible operating ambient temperature: -25..+30°C, standard-compliant lighting for roads and squares, packaging unit: 1 piece



Lamps:	LED
Wt. (kg):	13.5
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It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Detailed technical description:** DL20,P1.0a,4220lm727,Plus



## Key data

- Product type: mast luminaire
- Product name: DL® 20
- Order No.: 5XA512836R008P

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: cycle path optic, highly specular
- Cover: cover
- Light distribution: P1.0a
- Beam angle: extremely wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 4220lm
- Luminous efficacy: 104lm/W
- Colour temperature: 2700K
- Colour rendering index: CRI > 70
- Light colour: 727
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power begin service life: 41
- Rated input power end service life: 42
- Rated input power at 50% lumin. flux: 20

#### Operating device:

- Control gear: ECG Plus
- Control: Plus
- Equipment: overheat protection, 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...+30°C
- Supplement: standard-compliant lighting for roads and squares
- Certification, designation: CE, ENEC, VDE

## Material, Colour

- luminaire housing, upper part: cast aluminium, powder-coated, Siteco® metallic grey (DB 702S)
- Colour specification: Siteco® metallic grey (DB 702S)
- luminaire housing: cast aluminium, powder-coated, Siteco® metallic grey (DB 702S)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: cover of toughened safety glass of clear glass with excellent transmission level

## Mounting

- Mounting method, mounting location: post-top, on mast

## Electrical connection

- Nominal voltage: 220...240V, 50/60Hz
- Surge voltage resistance: 6kV 1.2/50µs
- Connection cable: pre-assembled, L= 5m

## Dimensions, Weight

- Diameter: 690mm
- Height: 690mm
- Weight: 13.5kg
- Mast spigot: spigot size: 76mm

## Light emission

- Light emission: 0%

## Service life

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

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