

**Order No.:** 5XA5235EV14H000022 | **GTIN (EAN):** 4058352023860

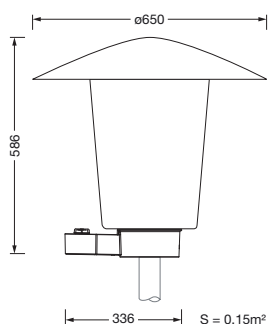
**Product description:** MushiQ,ST1.2a,1550lm730,SR,D4i,LST,Sla



Mushroom Luminaire iQ, mast luminaire, Module 540 iQ-SR, primary light control with 3 zone faceted reflector, of plastic, silver coated, highly specular, structured, primary optical cover: cover, of PMMA, transparent, light distribution: ST1.2a, light emission: direct distribution, primary light characteristic: asymmetric, installation type: post-top, LED, High Power LED, rated luminous flux: 1.550lm, luminous efficacy: 145lm/W, light colour: 730, colour temperature: 3000K, control gear: iQ-Street Remote, D4i with power reduction, 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, pre-setting: logarithmic dimming characteristic, with terminal, 6-pole, max. 2.5mm<sup>2</sup>, mains connection: 230..240V, AC, 50/60Hz, connection cable pre-assembled, cable length: 5,5m, wiring characteristics: H07RN-F, start of lifetime: 11W, end of service life: 11W, reduction: 6W, luminaire housing, upper part, of glass-fibre reinforced polyester, coated, Siteco<sup>®</sup> metallic grey (DB 702S), diameter: 650mm, height: 586mm, spigot size: d x l = 76 x 70mm (post-top) | with reducer (optional accessory) 60 x 70mm, mounting height: 3..5m, post-top mast mounting element, of diecast aluminium, coated, Siteco<sup>®</sup> metallic grey (DB 702S), Module 540 iQ-SR, traffic white (RAL 9016), equipment: standard, Smart Interface above, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, packaging unit: 1 piece



Lamps: LED  
Wt. (kg): 7.0  
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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:** MushiQ,ST1.2a,1550lm730,SR,D4i,LST,SlA



## Key data

- Product type: mast luminaire
- Product name: Mushroom Luminaire iQ
- Order No.: 5XA5235EV14H000022

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: 3 zone faceted reflector of plastic, silver coated, highly specular
- Cover: cover, transparent
- Light distribution: ST1.2a
- Beam angle: wide distribution
- Symmetry: asymmetric distribution
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 1550lm
- Luminous efficacy: 145lm/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: 11
- Rated input power end service life: 11
- Rated input power at 50% lumin. flux: 6

#### Operating device:

- Control: iQ-Street Remote, D4i with power reduction, Smart Interface above
- 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, pre-setting: logarithmic dimming characteristic

#### Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class II (safety insulation)
- Certification, designation: CE, ENEC, VDE

## Material, Colour

- luminaire housing, upper part: glass-fibre reinforced polyester, coated, Siteco® metallic grey (DB 702S)
- Colour specification: Siteco® metallic grey (DB 702S)
- post-top mast mounting element: diecast aluminium, coated, Siteco® metallic grey (DB 702S)
- Colour specification: Siteco® metallic grey (DB 702S)
- Colour specification: traffic white (RAL 9016)
- Cover: cover of PMMA

## Mounting

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

## Electrical connection

- Connection: terminal, 6-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 230..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)
- Connection cable: pre-assembled, L= 5.5m

## Dimensions, Weight

- Diameter: 650mm
- Height: 586mm
- Weight: 7.0kg
- Mast spigot: spigot size: d x l = 76 x 70mm (post-top) | with reducer (optional accessory) 60 x 70mm

## Light emission

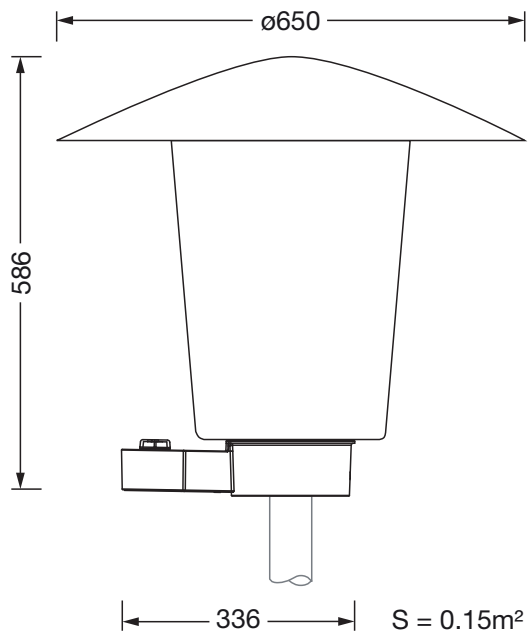
- Light emission: < 3%

## Service life

- Rated service life: 100000h at AT = 25°C

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