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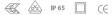**Order No.:** 5XA5235MF14HP | **GTIN (EAN):** 4058352833261
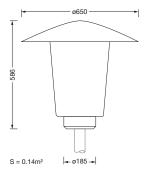**Product description:** MushiQ,ST1.2a,4280lm727,SR

Mushroom Luminaire iQ, mast luminaire, Module 540 iQ-SR, primary light control with 3 zone facetted 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: 4.280lm, luminous efficacy: 127lm/W, light colour: 727, colour temperature: 2700K, control gear: ECG iQ, control: pre-setting: logarithmic dimming characteristic, Street-Remote, Auto-Match, Temp-Guard, Lumen-Switch, Night-Set, Smart-Wire, Light-Fading, Desk-Remote (wireless, voltage-free reading and setting of iQ features in the workshop via application-optimized NFC function/RFID function), optimised constant luminous flux control (CLO 2.0), with terminal, 6-pole, max. 2.5mm², mains connection: 230..240V, AC, 50/60Hz, start of lifetime: 34W, end of service life: 36W, reduction: 15W, luminaire housing, upper part, of glass-fibre reinforced polyester, coated, Siteco® 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, post-top mast mounting element, of diecast aluminium, coated, Siteco® metallic grey (DB 702S), Module 540 iQ-SR, traffic white (RAL 9016), equipment: Power, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, packaging unit: 1 piece

IP 65

Lamps:	LED
Wt. (kg):	7.0
GTIN (EAN):	4058352833261

ø650
586
S = 0.14m²
ø185

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Order No.: 5XA5235MF14HP | **GTIN (EAN):** 4058352833261
Detailed technical description: MushiQ,ST1.2a,4280lm727,SR

Key data
— Product type: mast luminaire
— Product name: Mushroom Luminaire iQ
— Order No.: 5XA5235MF14HP

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
— Light control: 3 zone facetted 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: 4280lm
— Luminous efficacy: 127lm/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: 34
— Rated input power end service life: 36
— Rated input power at 50% lumin. flux: 15

Operating device:
— Control gear: ECG iQ
— 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, 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. 2.5mm²
— Nominal voltage: 230..240V, 50/60Hz, AC
— Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

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

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 14.06.2024 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Order No.: 5XA5235MF14HP | **GTIN (EAN):** 4058352833261
Dimensions: MushiQ,ST1.2a,4280lm727,SR

ø650

586

S = 0.14m²

ø185