

**Order No.:** 5XA7762A2E3A | **GTIN (EAN):** 4058352669761

**Product description:** FL21iQmc,PL64,2870lm730,SR,mastbr



Floodlight FL 21 iQ micro, floodlight, primary light control with lens, of PMMA, primary optical cover: protective disc, of toughened safety glass, transparent, light distribution: PL64, light emission: direct distribution, installation type: surface-mounted, LED, High Power LED, rated luminous flux: 2.870lm, luminous efficacy: 124lm/W, light colour: 730, colour temperature: 3000K, control: Auto-Match, Temp-Guard, Night-Set, Smart-Wire, 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), Street-Remote, with terminal, 6-pole, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 23W, end of service life: 24W, reduction: 11W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), corrosivity category C5 mid according to DIN EN ISO 12944, sealing non-destructively replaceable, please order mast flange separately, mast bracket, of steel, galvanised, powder-coated, Siteco® metallic grey (DB 702S), protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, protection symbol: D, impact resistance: IK07, permissible operating ambient temperature: -40..+40°C, permissible operating ambient temperature for outdoor applications: -40..+50°C, standard: DIN EN 12944, LABS conformity tested according to VDMA 24364:2018-05, packaging unit: 1 piece



Lamps: LED  
 Wt. (kg): 3.3  
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Detailed technical description: FL21iQmc,PL64,2870lm730,SR,mastbr



#### Key data

- Product type: floodlight
- Product name: Floodlight FL 21 iQ micro
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#### Lighting technology | Lamps | Control gear

#### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: PL64
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 2870lm
- Luminous efficacy: 124lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 23
- Rated input power end service life: 24
- Rated input power at 50% lumin. flux: 11

#### 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), Smart-Wire, Night-Set, Temp-Guard, Auto-Match, Street-Remote

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK07
- Protection symbol: D
- Temperature range (operation): -40..+40°C
- Supplement: LABS conformity tested according to VDMA 24364:2018-05
- Standard: DIN EN 12944
- Corrosion protection: corrosivity category C5 mid according to DIN EN ISO 12944
- Certification, designation: CE, ENEC, VDE

#### Material, Colour

- luminaire housing: diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), sealing non-destructively replaceable, please order mast flange separately
- Colour specification: Siteco® metallic grey (DB 702S)
- mast bracket: steel, galvanised, powder-coated, Siteco® metallic grey (DB 702S)
- Colour specification: Siteco® metallic grey (DB 702S)
- Cover: protective disc of toughened safety glass

#### Mounting

- Mounting method, mounting location: surface-mounted, to mast
- Arrangement: single arrangement
- Supplement: with mounting bracket

#### Electrical connection

- Connection: terminal, 6-pole
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

#### Dimensions, Weight

- Weight: 3.3kg

#### Service life

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

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