

Order No.: 5XA7772D5B1A | **GTIN (EAN):** 4058352656631

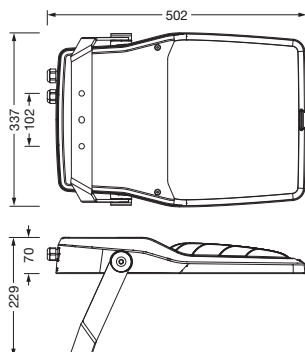
Product description: FL21iQmn,R120003,16820lm840,SR/DA



Floodlight FL 21 iQ mini, floodlight, primary light control with lens, of PMMA, primary optical cover: protective disc, of toughened safety glass, transparent, light distribution: R120003, light emission: direct distribution, 0% light immission, installation type: surface-mounted, installation location: to the cross arm, to supporting structure, with mounting bracket, screws of glass cover cannot be lost, lamps: LED, rated values: 16.820lm | 143W | 117,6lm/W (begin service life); end service life: 16.820lm | 151,6W; at 50% lumin. flux: 8.410lm | 60,6W | 138,8lm/W, colour temperature: 4000K, colour rendering: CRI > 80, light colour: 840, light setting 1 (further light settings possible): 100% | 16.820lm | 143W | 117,6lm/W | 4.000K (begin service life); end service life: 151,6W, control gear: iQ Street-Remote/DALI, control: Street-Remote, 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), pre-setting: linear dimming characteristic, mains connection: 220..240V, AC, 50/60Hz, surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode), electrical connection: terminal, 6-pole, max. 2.5mm², solid wire, fine wire, luminaire housing, of diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), corrosivity category C5 mid according to DIN EN ISO 12944, suitable for swimming pools, chlorine-resistant, sealing non-destructively replaceable, mounting 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: IK08, 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): 7.2
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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)

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

Issued 19.08.2026 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: FL21iQmn,R120003,16820lm840,SR/DA



Key data

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

Component 1

Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: R120003
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Rated values: 16820lm | 143W | 117.6lm/W (begin service life); end service life: 16820lm | 151.6W; at 50% lumin. flux: 8410lm | 60.6W | 138.8lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- Supplement: prepared for through-wiring

Factory light settings (LS):

- begin service life:
LS 1: 100% | 16820lm | 143W | 117.6lm/W | 4000K
- end service life:
LS 1: 151.6W
- further light settings possible

Operating device:

- Control: iQ Street-Remote/DALI
- 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, pre-setting: linear dimming characteristic

Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- 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, suitable for swimming pools, chlorine-resistant
- Certification, designation: CE, ENEC, VDE

Material, Colour

- luminaire housing: diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), sealing non-destructively replaceable
- mounting bracket: steel, galvanised, powder-coated, SITECO metallic grey (DB 702S)
- Cover: protective disc of toughened safety glass

Mounting

- Mounting method, mounting location: surface-mounted, to supporting structure, to the cross arm
- Arrangement: single arrangement
- Supplement: with mounting bracket

Electrical connection

- Connection: terminal, 6-pole, max. 2.5mm², solid wire, fine wire
- Nominal voltage: 220..240V, 50/60Hz, AC
- Surge voltage resistance: surge voltage resistance: 10kV (common mode); 6kV (differential mode)

Dimensions, Weight

- Weight: 7.2kg

Service life

- Rated service life: 50000h (L95/B10) at AT = 25°C

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Dimensions: FL21iQmn,R120003,16820lm840,SR/DA



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