

**Order No.:** 5XA7772B4E1A | **GTIN (EAN):** 4058352654538

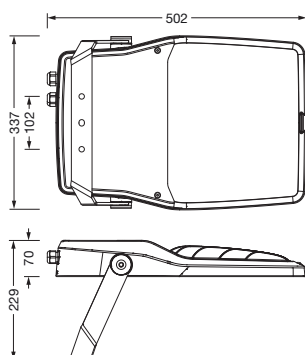
**Product description:** FL21iQmn,A640002,6270lm740,SR/DA,bracket



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: A640002, light emission: direct distribution, 0% light immission, installation type: surface-mounted, installation location: to mast, to the cross arm, to supporting structure, with mounting bracket, screws of glass cover cannot be lost, lamps: LED, rated values: 6.270lm | 45,5W | 137,8lm/W (begin service life); end service life: 6.270lm | 48W; at 50% lumin. flux: 3.135lm | 21,5W | 145,8lm/W, colour temperature: 4000K, colour rendering: CRI > 70, light colour: 740, light setting 1 (further light settings possible): 100% | 6.270lm | 45,5W | 137,8lm/W | 4.000K (begin service life); end service life: 48W, 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. 2.5mm<sup>2</sup>, 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](http://www.siteco.com))

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

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**Detailed technical description:** FL21iQmn,A640002,6270lm740,SR/DA,bracket



## Key data

- Product type: floodlight
- Product name: Floodlight FL 21 iQ mini
- Order No.: 5XA7772B4E1A

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: A640002
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated values: 6270lm | 45.5W | 137.8lm/W (begin service life); end service life: 6270lm | 48W; at 50% lumin. flux: 3135lm | 21.5W | 145.8lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- Supplement: prepared for through-wiring

#### Factory light settings (LS):

- begin service life:  
LS 1: 100% | 6270lm | 45.5W | 137.8lm/W | 4000K
- end service life:  
LS 1: 48W
- 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 mast, to supporting structure, to the cross arm
- Arrangement: single arrangement
- Supplement: with mounting bracket

## Electrical connection

- Connection: terminal, 6-pole, max. 2.5mm<sup>2</sup>, 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: 100000h (L97/B10) at AT = 25°C

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**Dimensions:** FL21iQmn,A640002,6270lm740,SR/DA,bracket



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