

**Order No.:** 5XA7774C2A1A | **GTIN (EAN):** 4058352632215

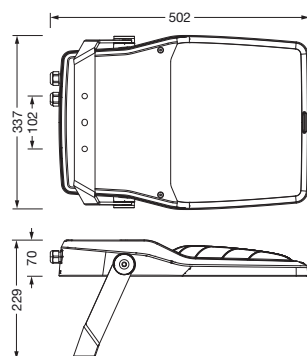
**Product description:** FL21mn,PL43,12480lm730,DA2,bracket



Floodlight FL 21 mini, floodlight, primary light control with lens, of PMMA, primary optical cover: protective disc, of toughened safety glass, transparent, light distribution: PL43, light emission: direct distribution, installation type: surface-mounted, LED, High Power LED, rated luminous flux: 12.480lm, luminous efficacy: 141lm/W, light colour: 730, colour temperature: 3000K, control gear: DALI 2, control: overheat protection, power reduction, constant luminous flux control, flexible luminous flux parameterisation, with terminal, 6-pole, mains connection: 220..240V, AC/DC, 0/50..60Hz, start of lifetime: 89W, end of service life: 94W, reduction: 42W, luminaire housing, of diecast aluminium, powder-coated, Siteco® metallic grey (DB 702S), corrosivity category C5 mid according to DIN EN ISO 12944, chlorine-resistant, suitable for swimming pools, 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, 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
GTIN (EAN):	4058352632215



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

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

**Order No.:** 5XA7774C2A1A | **GTIN (EAN):** 4058352632215

**Detailed technical description:** FL21mn,PL43,12480lm730,DA2,bracket



#### Key data

- Product type: floodlight
- Product name: Floodlight FL 21 mini
- Order No.: 5XA7774C2A1A

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: PL43
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 12480lm
- Luminous efficacy: 141lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 70
- Light colour: 730
- Rated input power begin service life: 89
- Rated input power end service life: 94
- Rated input power at 50% lumin. flux: 42
- Supplement: prepared for through-wiring, luminous flux reduced to approx. 15% with DC operation

#### Operating device:

- Control gear: ECG DALI
- Control: DALI 2
- Equipment: overheat protection, power reduction, constant luminous flux control, flexible luminous flux parameterisation

#### Certificates, Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- 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
- Colour specification: Siteco® metallic grey (DB 702S)
- mounting 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 supporting structure, to the cross arm
- Arrangement: single arrangement
- Supplement: with mounting bracket

#### Electrical connection

- Connection: terminal, 6-pole
- Nominal voltage: 220..240V, 0/50..60Hz, AC/DC
- Surge voltage resistance: 10kV 1.2/50µs

#### Dimensions, Weight

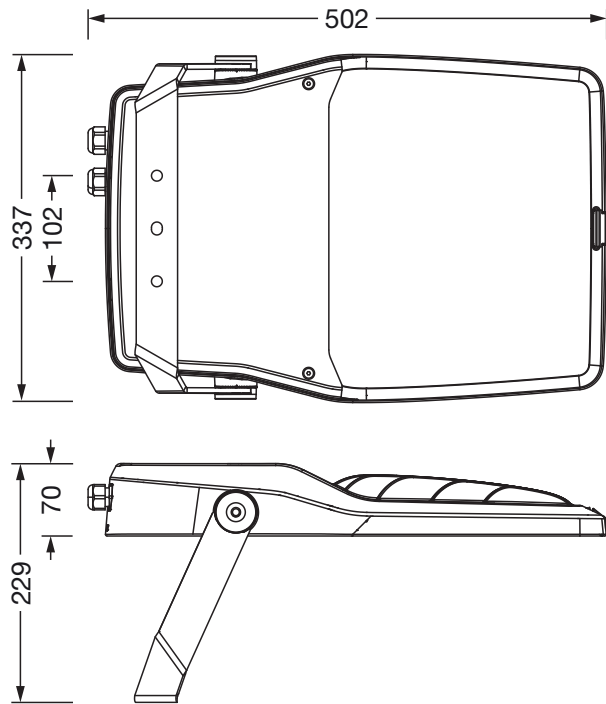
- Weight: 7.2kg

#### Service life

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

**Order No.:** 5XA7774C2A1A | **GTIN (EAN):** 4058352632215

**Dimensions:** FL21mn,PL43,12480lm730,DA2,bracket



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

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -