

Order No.: 5XA7774C4A1A | **GTIN (EAN):** 4058352632239

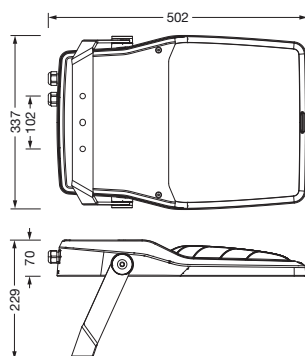
Product description: FL21mn,PL43,13000lm740,DA2,bracket



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: 13.000lm, luminous efficacy: 146lm/W, light colour: 740, colour temperature: 4000K, control gear: DALI 2, control: overheat protection, power reduction, constant luminous flux control, flexible luminous flux parameterisation, pre-setting: linear dimming characteristic, 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
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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 30.10.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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Detailed technical description: FL21mn,PL43,13000lm740,DA2,bracket



Key data

- Product type: floodlight
- Product name: Floodlight FL 21 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: PL43
- Light emission: direct distribution

Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 13000lm
- Luminous efficacy: 146lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- 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, pre-setting: linear dimming characteristic

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

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Dimensions: FL21mn,PL43,13000lm740,DA2,bracket



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