

**Order No.:** 5XA7786E4D3A | **GTIN (EAN):** 4069025198723

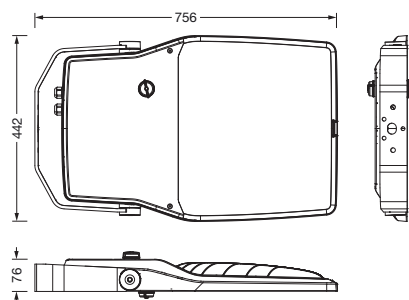
**Product description:** FL21md,PL52,28110lm740,ZhagaD4i,mastbr



Floodlight FL 21 midi, floodlight, primary light control with lens, of PMMA, primary optical cover: protective disc, of toughened safety glass, transparent, light distribution: PL52, light emission: direct distribution, installation type: surface-mounted, LED, High Power LED, rated luminous flux: 28.110lm, luminous efficacy: 132lm/W, light colour: 740, colour temperature: 4000K, control gear: Smart Interface (Zhaga)D4i, control: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, pre-setting: logarithmic dimming characteristic, with terminal, 6-pole, mains connection: 220..240V, AC, 50/60Hz, start of lifetime: 212W, end of service life: 231W, reduction: 95W, mast bracket, 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, mast bracket, of steel, galvanised, powder-coated, SITECO metallic grey (DB 702S), Smart Interface below and above, 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):   | 14.3          |
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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.de](http://www.siteco.de))

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

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**Detailed technical description:** FL21md,PL52,28110lm740,ZhagaD4i,mastbr



## Key data

- Product type: floodlight
- Product name: Floodlight FL 21 midi
- Order No.: 5XA7786E4D3A

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: PL52
- Light emission: direct distribution

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 28110lm
- Luminous efficacy: 132lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740
- Rated input power begin service life: 212
- Rated input power end service life: 231
- Rated input power at 50% lumin. flux: 95

#### Operating device:

- Control: D4i, Smart Interface (Zhaga), Smart Interface below and above
- Equipment: overheat protection, constant luminous flux control, time-dependent luminous flux control, flexible luminous flux parameterisation, pre-setting: logarithmic 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

- mast bracket: diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), sealing non-destructively replaceable
- 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 supporting structure, to the cross arm
- 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: 14.3kg

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**Service life**

- Rated service life: 50000h (L95/B10) at AT = 25°C, 100000h (L95/B10) at AT = 15°C

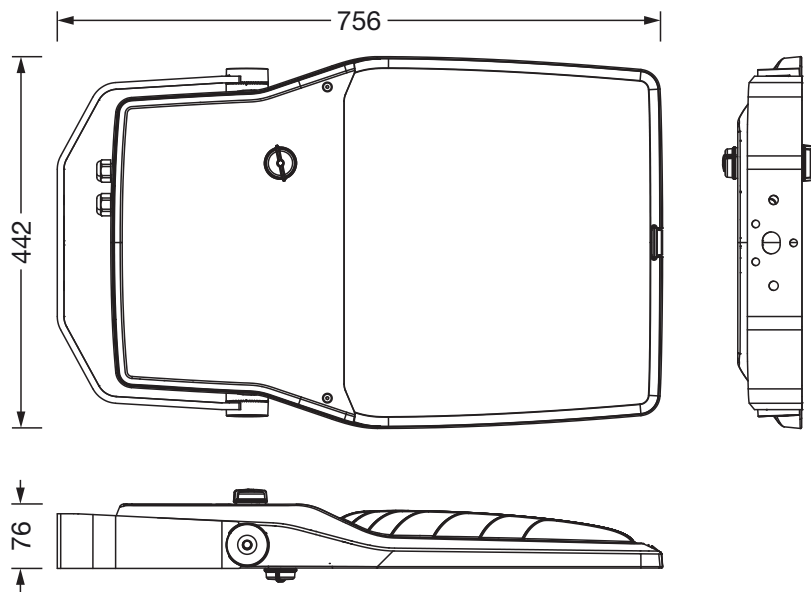
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