

**Order No.:** 5XA7786E4C3A | **GTIN (EAN):** 4069025198709

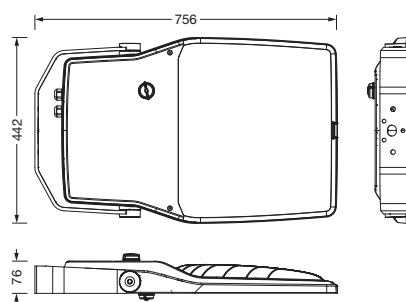
**Product description:** FL21md,A610002,27590lm740,ZhagaD4i



Floodlight FL 21 midi, floodlight, primary light control with lens, of PMMA, primary optical cover: protective disc, of toughened safety glass, transparent, light distribution: A610002, light emission: direct distribution, 0% light immission, installation type: surface-mounted, lamps: LED, rated values: 27.590lm | 212,4W | 129,9lm/W (begin service life); end service life: 27.590lm | 230,9W; at 50% lumin. flux: 13.747lm | 94,9W | 144,9lm/W, colour temperature: 4000K, colour rendering: CRI > 70, light colour: 740, light setting 1 (further light settings possible): 100% | 27.590lm | 212,4W | 129,9lm/W | 4.000K (begin service life); end service life: 230,9W, 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, 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, mast bracket, of steel, galvanised, powder-coated, SITECO metallic grey (DB 702S), Smart Interface above: Zhaga, Smart Interface below: Zhaga, 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.com](http://www.siteco.com))

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

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**Detailed technical description:** FL21md,A610002,27590lm740,ZhagaD4i



## Key data

- Product type: floodlight
- Product name: Floodlight FL 21 midi
- Order No.: 5XA7786E4C3A

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: lens of PMMA
- Cover: protective disc, transparent
- Light distribution: A610002
- Light emission: direct distribution

#### Lamps:

- Lamps: with LED
- Rated values: 27590lm | 212.4W | 129.9lm/W (begin service life); end service life: 27590lm | 230.9W; at 50% lumin. flux: 13747lm | 94.9W | 144.9lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 70
- Light colour: 740

#### Factory light settings (LS):

- begin service life:  
LS 1: 100% | 27590lm | 212.4W | 129.9lm/W | 4000K
- end service life:  
LS 1: 230.9W
- further light settings possible

#### Operating device:

- Control: D4i, Smart Interface (Zhaga)
- Smart Interface above: Zhaga
- Smart Interface below: Zhaga
- 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

- luminaire housing: diecast aluminium, powder-coated, SITECO metallic grey (DB 702S), sealing non-destructively replaceable
- mast 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. 2.5mm<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

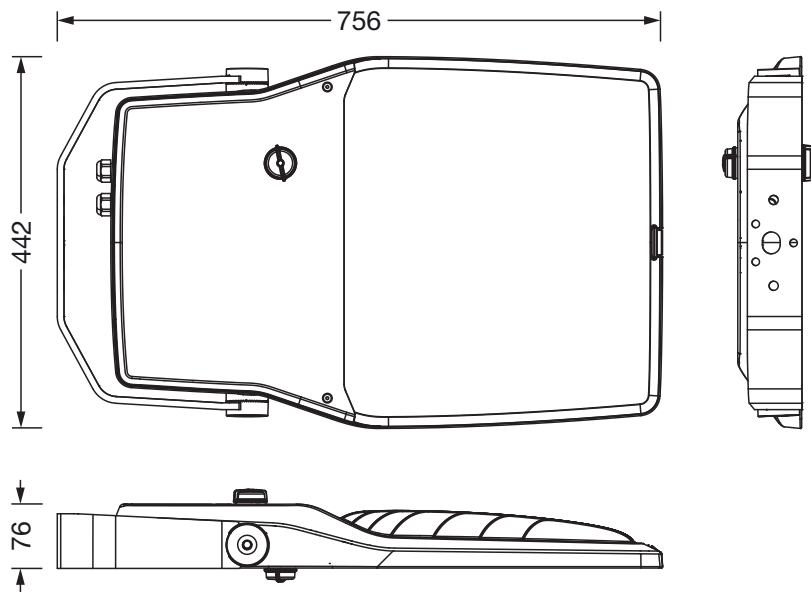
- Weight: 14.3kg

## Service life

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

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