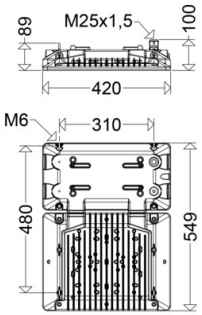
LED high-bay floodlight

# DUEVO
# 3301 L110T
**[ Item no. : 33010 0008 ]**



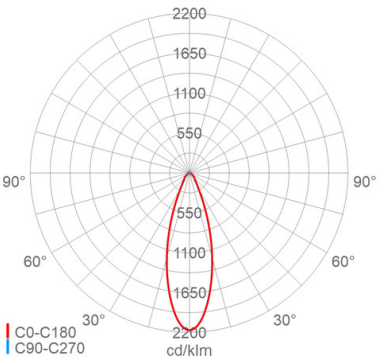
### General product benefits

- extremely high service life due to high-quality components and optimal thermal management
- perfect thermal management due to direct connection of the LED modules to the housing and separation of ECG and LED housing, large cooling surface, excellent thermal conductivity
- uniform illumination due to Multi-Layer Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- "D"-sign - suitable for rooms with increased risk of fire
- colour rendering index CRI>80, according to the workplace guidelines suitable for nearly all plant locations
- variable electrical connection options due to 8 cable entries on the top and side (optional in-out wiring)
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules
- GreenLine luminaire, outstanding sustainable design




### Applications

- production areas and warehouses in commerce, trade and industry, e.g. maintenance halls, assembly plants, cold Rooms, refrigerated warehouses, DIY stores, rack aisles, high-bay warehouses, roofed outdoor areas of petrol stations, driveways etc.



# DUEVO
# 3301 L110T
## [ Item no. : 33010 0008 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254313887 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 67 W |
| Luminaire luminous flux: | 10800 lm |
| Luminous efficacy: | 161 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 840 |
| Admissible ambient temperature $T_a$: | -25 °C to +60 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | C |
| Overvoltage protection: | 4 kV |
| I LED max: | 350 mA |
| BEG-eligible (Germany): | Yes |

**Lighting technology**

| | |
|---|---|
| Optical system: | Lens optics |
| Optical system material: | PMMA |
| Light distribution: | narrow beam |
| Beam angle: | 30 ° |
| Photobiological safety: | RG1 |

**Service life**

| | |
|---|---|
| Service life LED: | L70>100000 h (@ Ta max), L90>50000 h (@ Ta 25°C) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Cage clamp, 3-polig, 0,75 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 15 |
| CB B10/B13/B20: | 10/13/19 |
| CB C10/C13/C16/C20: | 15/20/25/31 |
| Cable entries: | M25 (2x), cable gland (1x), screw plug (1x), Plastic, 9 - 17 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |
| IK rating: | IK10 |
| Limited surface temperature D: | Yes |

**Features/Certificates**

| | |
|---|---|
| Approval marks: | CE |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Suspended |
| Operating position: | downwards radiation |
| Mounting: | Multi-point |

**Housing**

| | |
|---|---|
| Housing material: | Die-cast aluminium |
| Varnished: | Yes |
| Colour: | grey, DB 702 |

**Cover**

| | |
|---|---|
| Cover type / material: | Pane (Safety glass) |
| Cover characteristic: | clear |
| Closure: | screwed (Stainless steel (1.4301)) |

**Sustainability**

| | |
|---|---|
| GreenLine: | Yes |
| Rezyklat material content ≥ 50%: | 50 % |
| Dismountable at end of life: | Yes |
| ≥ 80% recycelable: | 80 % |
| Construction modular: | Yes |
| Spareparts availability > 10 years: | Yes |
| luminaire is upgradeable: | Yes |
| Guarantee 5 years: | Yes |
| Packaging made of 100% recyclet paper: | Yes |

**Dimension/Weight**

| | |
|---|---|
| Length: | 549.00 mm |
| Width / Diameter: | 420.00 mm |
| Height: | 100.00 mm |
| Net weight: | 9.20 kg |

# DUEVO
# 3301 L110T
**[ Item no. : 33010 0008 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 33001 9001 | ABD 3301 ESGW | safety glass pane clear (for 1 segment) |
| 33001 9010 | ABD 3301 C PMMA | PMMA pane frosted for glare limitation (for 1 segment) |
| 25600 9000 | 2560 | cable gland M25 |
| 25720 9000 | 2572 | screw plug M25 |
| 90022 0006 | BF SAH Y 420/45 ST P | |
| 33001 9002 | DBF 3301/3302 | ceiling mounting (1 pair) painted steel |
| 33001 9013 | SD 3301/3302 | Vibration-absorbing mounting, painted steel |
| 33001 9008 | 3301 D BS | 1 pair of ceiling mountings, sheet steel varnished, ball-proof (additional mounting holes in the housing required. Not upgradable!) |
| 33001 9003 | 3301 WW | 1 wall mounting angle, sheet steel varnished, adjustable (additional mounting holes in the housing required. Not upgradable!) |