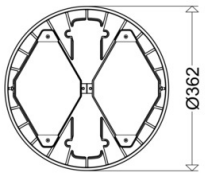
LED high-bay floodlight

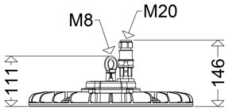
# TRIANO disc
# 3420 L200B D DIMD
**[ Item no. : 34200 0004 ]**



### General product description

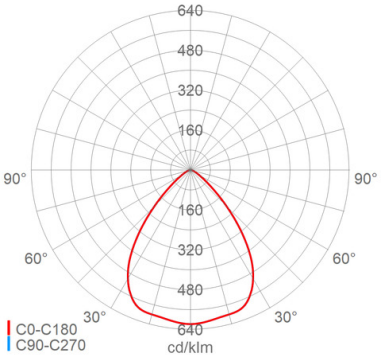
LED high bay luminaire TRIANO disc. Robust die-cast aluminum body with cooling fin structure and integrated ECG housing, powder-coated, built-in control gear, quick-connect plug, eyebolt for 1-point mounting, LED modules as well as PC covers with integrated optics. LED modules, Multi-Layer technology, with direct connection to the housing for perfect thermal management, thermal switch. Electronic ballast with overload and short-circuit protection, electrical connection via quick connector (FastConnect), male connector pre-installed, female attached.




### General product benefits

- for application in food industry areas, in accordance with IFS/BRC/VDMA standards, applicable without restrictions in plants, that have to fulfil the HACCP Concept
- fast and easy mounting and connection due to 1-point mounting and plug connection (FastConnect)
- perfect thermal management due to cooling fin structure and direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- extremely high service life due to high-quality components and optimal thermal management
- colour rendering index CRI>80, according to the workplace guidelines suitable for nearly all plant locations
- "D"-sign - suitable for rooms with increased risk of fire
- 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
- sustainable, interchangeable components




### Applications

- production areas and warehouses in commerce, trade and industry, maintenance halls, assembly plants, cold Rooms, refrigerated warehouses, DIY stores, rack aisles, high-bay warehouses
- production areas and warehouses in the food industry and food processing areas as well as suppliers to the food industry, that have to meet the requirements of the International Food Standard, BRC, HACCP or comparably strict requirements, e.g. food packaging production areas

# TRIANO disc
# 3420 L200B D DIMD
## [ Item no. : 34200 0004 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254350349 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 123 W |
| Luminaire luminous flux: | 20000 lm |
| Luminous efficacy: | 163 lm/W |
| Colour temperature: | 5000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 850 |
| Admissible ambient temperature $T_a$: | -25 °C to +45 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | C |
| Overvoltage protection: | 4 kV |
| I LED max: | 700 mA |
| BEG-eligible (Germany): | Yes |

**Lighting control**

| | |
|---|---|
| Dimmable: | Yes |
| Dimming method: | DALI (DIMD) |
| Dimming range: | 10 - 100 % |

**Lighting technology**

| | |
|---|---|
| Optical system: | Lens optics with prismatic structure |
| Optical system material: | PC |
| Light distribution: | wide beam |
| Beam angle: | 80 ° |
| Photobiological safety: | RG0 |

**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: | Plug, Screw terminal, 5-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: | cable gland (1x), Plastic, 6 - 10 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |

**Features/Certificates**

| | |
|---|---|
| IK rating: | IK09 |
| Limited surface temperature D: | Yes |
| Approval marks: | CE |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Suspended |
| Operating position: | downwards radiation |
| Mounting: | 1-point |

**Housing**

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

**Cover**

| | |
|---|---|
| Cover type / material: | Optics (PC) |
| Cover characteristic: | clear |
| Closure: | screwed (Stainless steel (1.4301)) |

**Other features**

| | |
|---|---|
| International Food Standard (IFS): | Yes |

**Dimension/Weight**

| | |
|---|---|
| Width / Diameter: | 362.00 mm |
| Height: | 146.00 mm |
| Net weight: | 2.80 kg |

# TRIANO disc
# 3420 L200B D DIMD
**[ Item no. : 34200 0004 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 34011 9001 | ABD TRIANO ESGW | safety glass pane clear (for 1 segment) |
| 34011 9003 | ABD TRIANO PRA PMMA | PMMA pane clear with prismatic structure (for 1 segment) |
| 34011 9002 | ABD TRIANO PC | PC pane clear IFS (for 1 segment) |
| 34011 9004 | ABD TRIANO B PC | PC pane clear, wide beam optics, (for 1 segment) |
| 34011 9005 | ABD TRIANO TB PC | PC pane clear, narrow wide beam, (for 1 segment) |
| 34011 9006 | ABD TRIANO T PC | PC pane clear, narrow beam, (for 1 segment) |
| 90547 9001 | LACA FM FC-W | LIMAS Air CASA wireless module FastConnect |
| 90547 9003 | LACA FM OP FC-W | LIMAS Air CASA wireless module FastConnect with surge protection 10 kV |
| 90547 9004 | LACA FM OP FC-W MK1 | LIMAS Air CASA wireless module FastConnect with surge protection 10 kV and 1 m cable |
| 90547 9002 | LACA FM FC-W MK1 | LIMAS Air CASA wireless module FastConnect with 1 m cable |