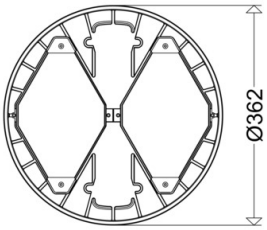
LED high-bay floodlight

# TRIANO disc
# 3420 L200B G4 DIMD 850
**[ Item no. : 34202 0007 ]**



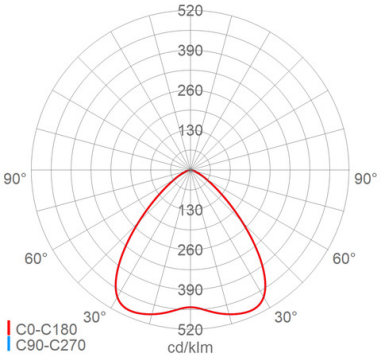
### General product description

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, eyebolt for 1-point mounting, LED modules as well as PC covers with integrated optics. LED modules, 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).




### 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
- 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 G4 DIMD 850
## [ Item no. : 34202 0007 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254453859 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 112 W |
| Luminaire luminous flux: | 20000 lm |
| Luminous efficacy: | 179 lm/W |
| Colour temperature: | 5000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 850 |
| Admissible ambient temperature $T_a$: | -25 °C to +50 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | B |
| Overvoltage protection: | 2 kV |
| I LED max: | 425 mA |

**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: | RG1 |

**Service life**

| | |
|---|---|
| Service life LED: | L95>100000 h (@ Ta max) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Plug, Cage clamp, 5-polig, 0,5 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 16 |
| CB B10/B13/B20: | 11/13/21 |
| CB C10/C13/C16/C20: | 16/21/27/33 |
| Cable entries: | cable gland (1x), Plastic, 9 - 17 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |
| IK rating: | IK09 |
| Limited surface temperature D: | Yes |

**Features/Certificates**

| | |
|---|---|
| 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 with outer-prisms |
| Closure: | screwed |

**Other features**

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

**Product life cycle**

| | |
|---|---|
| Guarantee 5 years: | Yes |

**Dimension/Weight**

| | |
|---|---|
| Width / Diameter: | 362.00 mm |
| Height: | 135.00 mm |
| Net weight: | 2.80 kg |

# TRIANO disc
# 3420 L200B G4 DIMD 850
**[ Item no. : 34202 0007 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 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) |