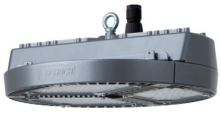
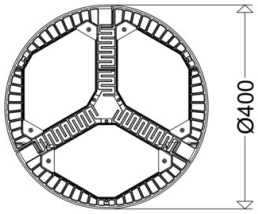
LED high-bay floodlight

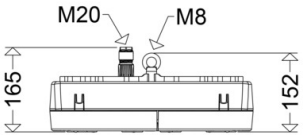
# TRIANO
# 3402 L100B G3 850
**[ Item no. : 34012 0003 ]**



## General product description

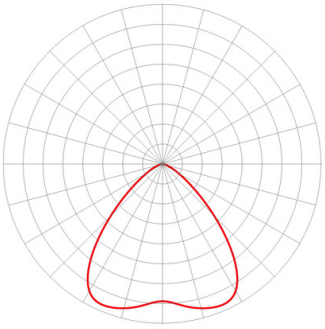
LED high bay light fitting TRIANO. Die-cast aluminium housing, powder-coated, multi-part, thermally separated. ECG housing with incorporated ECG, eyebolt for 1-point mounting and external quick connection LED housing, three-part, die-cast aluminium housing with integrated cooling fin structure, LED modules as well as PC covers with integrated optics and multi-layer technology and frameless, flat safety glass, thermally tempered. LED modules, multi-layer technology, with direct connection to the housing for perfect thermal management. ECG with overload and short circuit protection. Electrical connection via 5-pin quick connector from the outside.




## 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 5-pin quick connection from the outside
- perfect thermal management due to direct connection of the LED modules to the housing and segmentation of the housing with perfect cooling fin structure, 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
# 3402 L100B G3 850
## [ Item no. : 34012 0003 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254418889 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 61 W |
| Luminaire luminous flux: | 10000 lm |
| Luminous efficacy: | 164 lm/W |
| Colour temperature: | 5000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 850 |
| Admissible ambient temperature $T_a$: | -25 °C to +65 °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 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, 3-polig, 0,75 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 13 |
| CB B10/B13/B20: | 9/11/17 |
| CB C10/C13/C16/C20: | 13/17/22/27 |
| Cable entries: | cable gland (1x), Plastic, 6 - 10 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |
| 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: | 400.00 mm |
| Height: | 165.00 mm |
| Net weight: | 6.50 kg |

# TRIANO
# 3402 L100B G3 850
**[ Item no. : 34012 0003 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 34011 9001 | ABD TRIANO ESGW | safety glass pane clear (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 9006 | ABD TRIANO T PC | PC pane clear, narrow beam, (for 1 segment) |
| 34011 9005 | ABD TRIANO TB PC | PC pane clear, narrow wide beam, (for 1 segment) |
| 90547 9001 | LACA FM FC-W | LIMAS Air CASA wireless module FastConnect |
| 90547 9002 | LACA FM FC-W MK1 | LIMAS Air CASA wireless module FastConnect with 1 m cable |
| 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 |