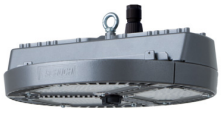
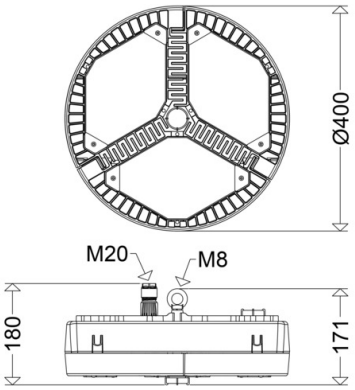
LED high-bay floodlight

TRIANO
3402 L100B G3 850 RFLSOU
[Item no. : 34013 0057]

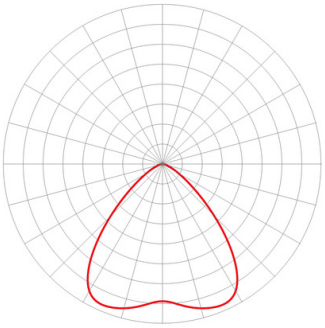


General product description

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. Thanks to their Zhaga Book 18-compliant base and integrated D4i control gear, RFL luminaires are optimally prepared for “plug-and-play” use with a light management system or sensor technology (e.g. motion detectors). To avoid functional limitations or possible damage to the system, we strongly advise against using components that are not D4i-certified.



General product benefits



- later use of a light management system possible at any time
- quick assembly of the light management system components, no tools required
- standardized Zhaga socket allow free choice of light management system
- 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

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Technical data

General

EAN/GTIN:	4041254433165

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 control

Light management system:	Ready for Light Management Systems (RFL)
RFL socket:	socket on the top and at the bottom (RFLOU)

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:	23
CB B10/B13/B20:	15/19/29
CB C10/C13/C16/C20:	23/31/39/47
Cable entries:	cable gland (1x), Plastic, 6 - 10 mm

Features/Certificates

Protection class:	I

Features/Certificates

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:	180.00 mm
Net weight:	6.50 kg

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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)