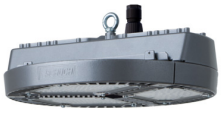
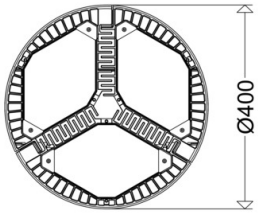
LED high-bay floodlight

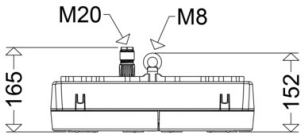
TRIANO
3402 L300T G3 850
[Item no. : 34012 0021]



General product description

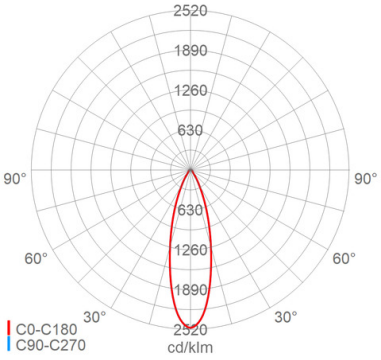
LED high bay light fitting TRIANO. Die-cast aluminium housing, powder-coated, multi-part, thermally separated. ECG housing with incorporated ECG, eyebolt for 1-point mounting and external quick connection LED housing, three-part, die-cast aluminium housing with integrated cooling fin structure, LED modules 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 plug connection (FastConnect)
- 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
- integrated pressure compensation system prevents condensation inside the light fitting
- 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:	4041254419053

Key technical data

Light source:	LED
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	190 W
Luminaire luminous flux:	30000 lm
Luminous efficacy:	158 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:	3 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	C
Overvoltage protection:	4 kV
I LED max:	1050 mA
BEG-eligible (Germany):	Yes

Lighting technology

Optical system:	Lens optics
Optical system material:	PC
Light distribution:	narrow beam
Beam angle:	30 °
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:	5
CB B10/B13/B20:	4/5/7
CB C10/C13/C16/C20:	5/6/8/10
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:	6.70 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
34011 9001	ABD TRIANO ESGW	spare safety glass (for 1 segment)
34011 9002	ABD TRIANO PC	PC cover for food industry/IFS version (for 1 segment)
34011 9004	ABD TRIANO B PC	spare cover PC with wide beam optics (for 1 segment)
34011 9006	ABD TRIANO T PC	spare cover PC with narrow beam optics (for 1 segment)
34011 9005	ABD TRIANO TB PC	spare cover PC with narrow wide beam optics (for 1 segment)
90547 9001	LACA FM FC	LIMAS Air CASA wireless module FastConnect
90547 9002	LACA FM FC MK1	LIMAS Air CASA wireless module FastConnect with 1 m cable
90547 9003	LACA FM OP FC	LIMAS Air CASA wireless module FastConnect with surge protection 10 kV
90547 9004	LACA FM OP FC MK1	LIMAS Air CASA wireless module FastConnect with surge protection 10 kV and 1 m cable