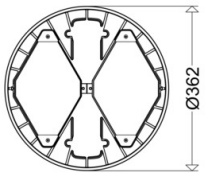
LED high-bay floodlight

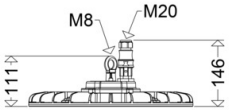
TRIANO disc
3420 L200TB D DIMD
[Item no. : 34200 0006]



General product description

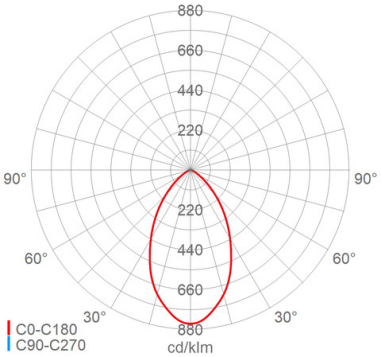
LED high bay luminaire TRIANO disc. Robust die-cast aluminum body with cooling fin structure and integrated ECG housing, powder-coated, built-in control gear, quick-connect plug, eyebolt for 1-point mounting, LED modules as well as PC covers with integrated optics. LED modules, Multi-Layer technology, 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 L200TB D DIMD
[Item no. : 34200 0006]

Technical data

General

EAN/GTIN:	4041254350394

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:	narrow wide beam
Beam angle:	60 °
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
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[Item no. : 34200 0006]

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