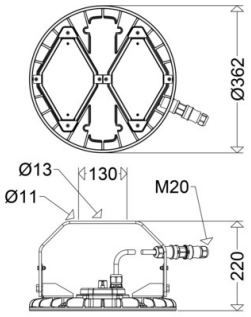
LED high-bay floodlight

TRIANO disc
3420 L200B DIMD SWB BS
[Item no. : 34200 0022]



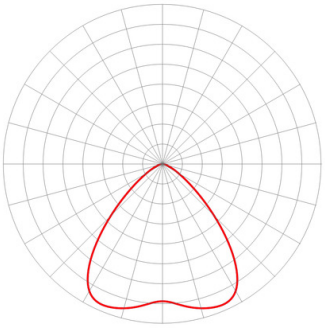
General product description

Ball-proof TRIANO disc BS. Robust die-cast aluminium body with cooling fin structure and integrated ECG housing, powder-coated. Built-in control gear, eyelet for 1-point suspension, 2nd eyelet for safety cable, LED modules and PC covers with integrated optics. LED modules, multi-layer technology, with direct connection to the housing to ensure optimum thermal management. ECG with overload and short-circuit protection, electrical connection via quick connector (FastConnect), plug with short cable pre-assembled, socket enclosed.



General product benefits

- tested for ball sports
- 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
- "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
- sports halls, multi-purpose halls, event locations

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Technical data

General

EAN/GTIN:	4041254373843

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:	2 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
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, 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
IK rating:	IK09

Features/Certificates

Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Ceiling with bracket, Wall with bracket
Operating position:	downwards radiation
Mounting:	2-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

Ball-proof (BS):	Yes
International Food Standard (IFS):	Yes
Special features:	swivel bracket (SWB)

Dimension/Weight

Width / Diameter:	362.00 mm
Height:	220.00 mm
Net weight:	3.60 kg