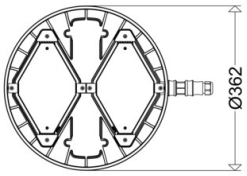
LED high-bay floodlight

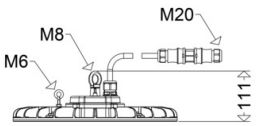
TRIANO disc
3420 L200B BS
[Item no. : 34200 0019]



General product description

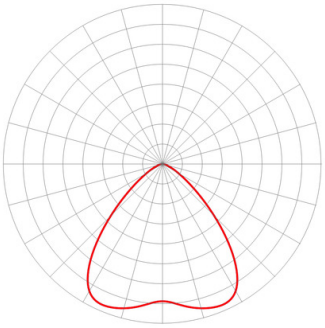
Ball-proof TRIANO disc BS. Robust die-cast aluminium body with cooling fin structure and integrated ECG housing, powder-coated. Built-in control gear, eyelet for 1-point suspension, 2nd eyelet for safety cable, LED modules and PC covers with integrated optics. LED modules, multi-layer technology, with 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

- sports halls, multi-purpose halls, event locations

TRIANO disc
3420 L200B BS
[Item no. : 34200 0019]

Technical data

General

EAN/GTIN:	4041254373812

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 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, 3-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
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

Ball-proof (BS):	Yes
International Food Standard (IFS):	Yes

Dimension/Weight

Width / Diameter:	362.00 mm
Height:	146.00 mm
Net weight:	2.80 kg