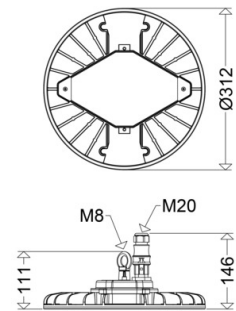LED high-bay floodlight

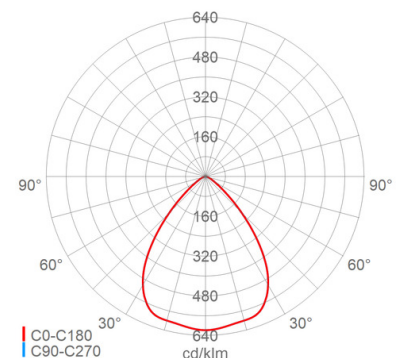# TRIANO disc
3410 L100B D 840
[Item no. : 34100 0011]

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 module as well as PC cover with integrated optics. LED module, Multi-Layer technology, with direct connection to the housing for perfect thermal management. 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 module 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

Applications

Production areas and warehouses in commerce, trade and industry etc., 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

LED high-bay floodlight

TRIANO disc
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Technical data

Key technical data

Light source:	LED
Exchangeability:	light source and control gear replaceable by skilled person
Connected load:	65 W
Luminaire luminous flux:	10000 lm
Luminous efficacy:	154 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-25 °C to +50 °C
Control gear:	1 x ECG, Overload protection , Short circuit protection
Overvoltage protection:	4 kV

Lighting technology

Optical system:	Lens optics
Light distribution:	wide beam
Beam angle:	80 °
Photobiological safety:	RG0

Service life

Service life LED:	L80>100000 h (@Ta 25°C), L80>70000 h (@ Ta max)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Plug, 3-polig, 0.75 - 6 mm²
Max. no. (with CB B16):	15
CB B10/B13/B20/B25:	9/12/18/23
CB C10/C13/C16/C20/C25:	15/20/25/31/39
Cable entries:	cable gland (1x), Plastic, 6 - 10 mm

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB702N

Cover

Cover type/material:	Optics (PC)
Cover characteristic:	clear
Closure:	screwed (Stainless steel (1.4301))

Mounting

Mounting method (accessories possibly needed):	Suspended
Operating position:	downwards radiation
Mounting:	1-point

Features/Certificates

Protection class:	I
IP rating:	IP65

Features/Certificates

IK rating:	IK09
Limited surface temperature:	D
Approval marks:	CE
Energy efficiency class:	C

Other features

IFS:	Yes

Dimension/Weight

Width/Diameter:	312.00 mm
Height:	146.00 mm
Net weight:	2.10 kg
EAN/GTIN:	4041254365688

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Optional accessories/spare parts

Item no.	Item name	Item description
34011 9001	3401/010	spare safety glass (for 1 segment)
34011 9003	3401/011 PRA	spare cover PMMA with prismatic structure (for 1 segment)
34011 9002	3401/010 IFS	PC cover for food industry/IFS version (for 1 segment)
34011 9004	3401/012 B	spare cover PC with wide beam optics (for 1 segment)
34011 9005	3401/012 TB	spare cover PC with narrow wide beam optics (for 1 segment)
34011 9006	3401/012 T	spare cover PC with narrow beam optics (for 1 segment)
90547 9001	LIMAS Air FM	Radio module for controlling DIMD light fittings, for FastConnect light fitting connection
90547 9003	LIMAS Air FM OP	Radio module for controlling DIMD light fittings, for FastConnect light fitting connection, overvoltage protection 10kV
90547 9004	LIMAS Air FM OP MK	Radio module for controlling DIMD light fittings, for FastConnect light fitting connection, overvoltage protection 10kV, with cable 1m
90547 9002	LIMAS Air FM MK	Radio module for controlling DIMD light fittings, for FastConnect light fitting connection, with cable 1m