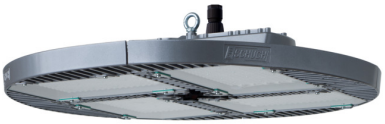
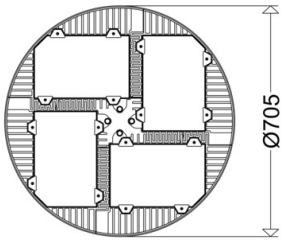
LED high-bay floodlight

TRIANO XL
3405 L450TB G3 850
[Item no. : 34052 0037]



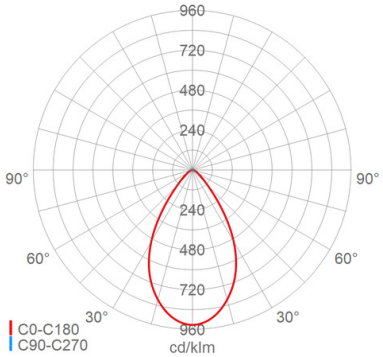
General product description

LED high bay light fitting TRIANO XL. GreenLine series with outstanding sustainable product design. 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, four-part, die-cast aluminium housing with integrated cooling fin structure, LED modules, highly efficient optics and frameless, flat safety glass, thermally tempered. Zhaga-conform 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

- fast and easy mounting and connection due to 1-point mounting and 5-pin quick connection from the outside
- 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
- 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
- GreenLine luminaire, outstanding sustainable design



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

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Technical data

General

EAN/GTIN:	4041254414058

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	280 W
Luminaire luminous flux:	45000 lm
Luminous efficacy:	161 lm/W
Colour temperature:	5000 K
Colour rendering (CRI):	≥ 80
Light colour:	850
Admissible ambient temperature T_a:	-25 °C to +60 °C
Control gear:	3 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	D
Overvoltage protection:	4 kV
I LED max:	500 mA
BEG-eligible (Germany):	Yes

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow wide beam
Beam angle:	65 °
Photobiological safety:	RG1

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:	4
CB B10/B13/B20:	3/4/6
CB C10/C13/C16/C20:	4/5/6/8
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:	Pane (Safety glass)
Cover characteristic:	clear
Closure:	screwed (Stainless steel (1.4301))

Sustainability

GreenLine:	Yes
Rezyklat material content ≥ 50%:	70 %
Dismountable at end of life:	Yes
≥ 80% recycelable:	90 %
Construction modular:	Yes
Spareparts availability > 10 years:	Yes
luminaire is upgradeable:	Yes
Guarantee 5 years:	Yes
Packaging made of 100% recyclet paper:	Yes

Dimension/Weight

Width / Diameter:	705.00 mm
Height:	165.00 mm
Net weight:	15.60 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
34011 9011	ABD 3405 ESGW	safety glass pane clear
90547 9001	LACA FM FC	LIMAS Air CASA wireless module FastConnect
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
90547 9002	LACA FM FC MK1	LIMAS Air CASA wireless module FastConnect with 1 m cable