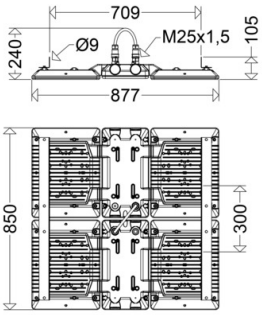
LED high-bay floodlight

DUEVO XL
3305 L840T IFS
[Item no. : 33050 0057]



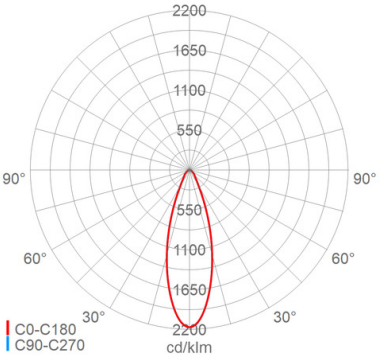
General product description

LED high bay light fitting DUEVO XL of the GreenLine series with outstanding sustainable product design for application in food areas according to International Featured Standard Food. Die-cast aluminium housing, powder-coated, multi-part, thermally separated, consisting of: Two ECG housings with incorporated ECG and smooth surface, ready for connection as well as four LED housings with LED modules, highly efficient optics, clear PC cover and surface with flat cooling fins. LED modules, direct beam, Multi-Layer Technology, with direct connection to the housing for perfect thermal management. ECG with overload and short circuit protection. See "Optional accessories" for mounting material.



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
- extremely high service life due to high-quality components and optimal thermal management
- perfect thermal management due to direct connection of the LED modules to the housing and separation of ECG and LED housing, large cooling surface, excellent thermal conductivity
- 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
- "D"-sign - suitable for rooms with increased risk of fire
- colour rendering index CRI>80, according to the workplace guidelines suitable for nearly all plant locations
- variable electrical connection options due to 8 cable entries on the top and side (optional in-out wiring)
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules
- GreenLine luminaire, outstanding sustainable design



Applications

- production areas and warehouses in commerce, trade and industry with high mounting heights or with requirement for high illumination levels, e.g. shipyards, hangars, machine-, maintenance- and assembly shops for large-scale equipment and heavy 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

DUEVO XL
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Technical data

General

EAN/GTIN:	4041254314877

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	540 W
Luminaire luminous flux:	80800 lm
Luminous efficacy:	150 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:	4 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 technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow beam
Beam angle:	30 °
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:	Cage clamp, 3-polig
Max. no. with circuit breaker B16:	2
CB B10/B13/B20:	2/2/3
CB C10/C13/C16/C20:	2/2/3/4
Cable entries:	M25 (2x), cable gland (1x), screw plug (1x)

Features/Certificates

Protection class:	I
IP rating:	IP65
IK rating:	IK10
Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

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

Housing

Housing material:	Die-cast aluminium
Varnished:	Yes
Colour:	grey, DB 702

Cover

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

Other features

International Food Standard (IFS):	Yes

Sustainability

GreenLine:	Yes
Rezyklat material content ≥ 50%:	60 %
Dismountable at end of life:	Yes
≥ 80% recycelable:	80 %
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

Length:	877.00 mm
Width / Diameter:	850.00 mm
Height:	101.00 mm
Net weight:	26.70 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
33001 9006	ABD 3301 PC	PC pane clear IFS (for 1 segment)
25600 9000	2560	cable gland M25
25720 9000	2572	screw plug M25
90022 0007	BF SAH Y 420/90 ST P	1 pair of Y-ropes