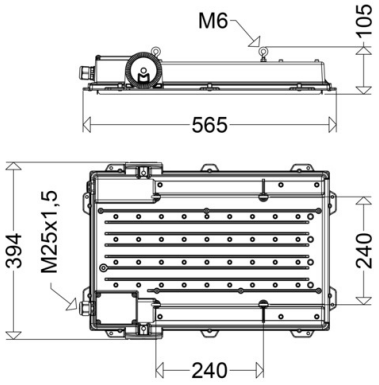
LED high-bay floodlight

AREALO 2
7955 L360TO DIMD IFS
[Item no. : 79550 0109]



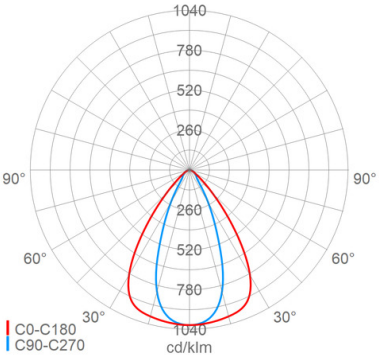
General product description

LED high bay light fitting AREALO 2 of the GreenLine series with outstanding sustainable product design for application in food areas according to International Featured Standard Food. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, tempered safety glass pane, cable entry and strain relief. Zhaga LED modules, direct beam, Multi-Layer Technology. ECG with high surge protection, overload and short circuit protection. 2-point suspension on cables.



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
- perfect thermal management due to direct connection of the LED modules to the housing, large cooling surface, excellent thermal conductivity
- homogenous illumination due to Multi-Layer Technology, i.e. every individual LED illuminates the whole surface, the light distribution curves of the LED are overlapping
- quick electrical connection due to easily accessible terminal box
- 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, e.g. maintenance halls, assembly plants, cold Rooms, refrigerated warehouses, DIY stores, rack aisles, high-bay warehouses, roofed outdoor areas of petrol stations, driveways 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

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Technical data

General

EAN/GTIN:	4041254448312

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	205 W
Luminaire luminous flux:	38300 lm
Luminous efficacy:	187 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-40 °C to +45 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	C
Overvoltage protection:	4 kV
I LED max:	1000 mA

Lighting control

Dimmable:	Yes
Dimming method:	DALI (DIMD)
Dimming range:	10 - 100 %

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow oval beam
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, 5-polig, 0,5 - 2,5 mm²
Max. no. with circuit breaker B16:	11
CB B10/B13/B20:	7/9/14
CB C10/C13/C16/C20:	11/14/18/22
Cable entries:	M25 (1x), cable gland (1x), Plastic, 9 - 17 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK09
Limited surface temperature D:	Yes

Features/Certificates

Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Suspended
Operating position:	downwards radiation
Mounting:	2-point, Multi-point, 1-point
Wind-exposed surface:	0.15 m²

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
Pressure compensation system:	Yes

Sustainability

GreenLine:	Yes
Rezyklat material content ≥ 50%:	50 %
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:	565.00 mm
Width / Diameter:	394.00 mm
Height:	105.00 mm
Net weight:	8.20 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
79558 0001	ABD 7955 ESGW	safety glass pane clear
79559 0001	WDBF 7955 ST	wall and ceiling mounting painted steel
79559 0002	WDBF 7955 E2	wall and ceiling mounting stainless steel 1.4301
79559 0003	WDBF 7955 E4	wall and ceiling mounting stainless steel 1.4571
90022 0006	BF SAH Y 420/45 ST P	1 pair of Y-ropes
90549 0001	ESSB HSM	Inrush current limiter for top-hat rail mounting
99100 0040	AKB 4,0m H07RN-F 3G1,5	Connection cable 4,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0041	AKB 4,5m H07RN-F 3G1,5	Connection cable 4,5 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0042	AKB 5,0m H07RN-F 3G1,5	Connection cable 5,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0044	AKB 6,0m H07RN-F 3G1,5	Connection cable 6,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0046	AKB 7,0m H07RN-F 3G1,5	Connection cable 7,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0048	AKB 8,0m H07RN-F 3G1,5	Connection cable 8,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0050	AKB 9,0m H07RN-F 3G1,5	Connection cable 9,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0052	AKB 10,0m H07RN-F 3G1,5	Connection cable 10,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire
99100 0088	AKB 12,0m H07RN-F 4G1,5	Connection cable 12,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0074	AKB 5,0m H07RN-F 4G1,5	Connection cable 5,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0076	AKB 6,0m H07RN-F 4G1,5	Connection cable 6,0 m H07RN-F 4x1,5mm², connected to the above mentioned luminaire
99100 0056	AKB 12,0m H07RN-F 3G1,5	Connection cable 12,0 m H07RN-F 3x1,5mm², connected to the above mentioned luminaire