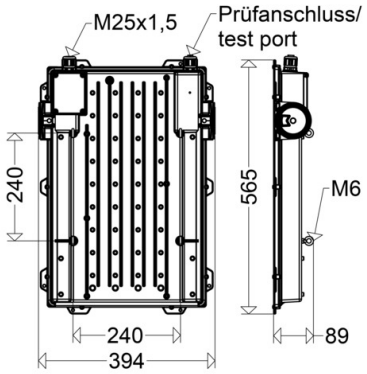
Explosion-protected LED high-bay floodlight

ExAREALO 2
nD8955 L250TB
[Item no. : 89550 0103]



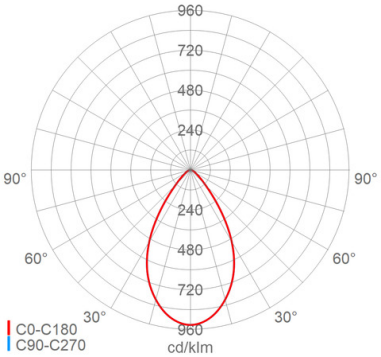
General product description

EX LED high bay light fitting ExAREALO 2 of the GreenLine series with outstanding sustainable product design for zone 2/22. Consisting of powder-coated die-cast aluminium housing with LED modules and ECG, tempered safety glass pane with silicone gasket, 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

- 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



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Technical data

General

EAN/GTIN:	4041254445120

Explosion protection

EX-Zone:	2 , 22
EX-marking gas:	II 3 G Ex nR IIC T4 Gc
EX-marking dust:	II 3 D Ex tc IIIC T100°C Dc
Primary ignition protection method:	nR
Temperature class:	T4
Surface temperature:	T100°C

Key technical data

Light source:	LED
LED module standard:	Zhaga
Exchangeability:	light source and control gear replaceable by qualified person
Connected load:	146 W
Luminaire luminous flux:	25490 lm
Luminous efficacy:	175 lm/W
Colour temperature:	4000 K
Colour rendering (CRI):	≥ 80
Light colour:	840
Admissible ambient temperature T_a:	-30 °C to +40 °C
Control gear:	1 x ECG, Overload protection, Short circuit protection
Energy efficiency class:	C
Overvoltage protection:	4 kV

Lighting technology

Optical system:	Lens optics
Optical system material:	PMMA
Light distribution:	narrow wide beam
Beam angle:	60 °
Photobiological safety:	RG2

Service life

Service life LED:	L95>100000 h (@Ta 25°C)

Electrical connection

Rated voltage:	220 - 240 V, 50/60 Hz
Terminal clamp:	Cage clamp, 3-polig, 0,5 - 2,5 mm²
Max. no. with circuit breaker B16:	20
CB B10/B13/B20:	13/17/26
CB C10/C13/C16/C20:	20/27/34/41
Cable entries:	M25 (1x), cable gland (1x), Plastic, 8 - 17 mm

Features/Certificates

Protection class:	I
IP rating:	IP66
IK rating:	IK09

Features/Certificates

Limited surface temperature D:	Yes
Approval marks:	CE

Mounting

Mounting method (accessories possibly needed):	Suspended
Operating position:	downwards radiation
Mounting:	2-point
Wind-exposed surface:	0.22 m²

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%:	50 %
Dismountable at end of life:	Yes
≥ 80% recycelable:	80 %
Construction modular:	Yes
Spareparts availability > 10 years:	Yes
Guarantee 5 years:	Yes
Packaging made of 100% recyclet paper:	Yes

Dimension/Weight

Length:	565.00 mm
Width / Diameter:	394.00 mm
Height:	101.00 mm
Net weight:	8.20 kg

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Optional accessories / spare parts

Item no.	Item name	Item description
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