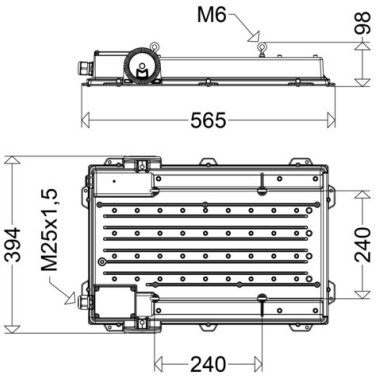
LED high-bay floodlight

# AREALO 2
# 7955 L190
**[ Item no. : 79550 0001 ]**



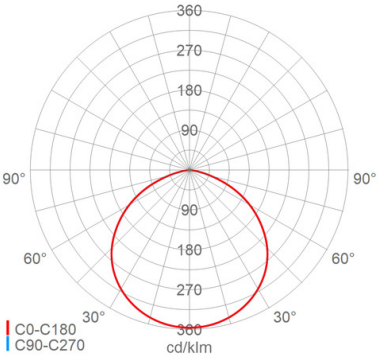
### General product description

LED high bay light fitting AREALO 2 of the GreenLine series with outstanding sustainable product design. 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

- 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.

# AREALO 2
# 7955 L190
## [ Item no. : 79550 0001 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254440613 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 103 W |
| Luminaire luminous flux: | 18560 lm |
| Luminous efficacy: | 180 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 840 |
| Admissible ambient temperature $T_a$: | -40 °C to +65 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | C |
| Overvoltage protection: | 4 kV |
| I LED max: | 500 mA |

**Lighting technology**

| | |
|---|---|
| Light distribution: | wide beam |
| Beam angle: | 115 ° |
| 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, 0,5 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 12 |
| CB B10/B13/B20: | 8/10/16 |
| CB C10/C13/C16/C20: | 12/16/20/24 |
| 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 |
| Approval marks: | CE |

**Mounting**

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

**Mounting**

| | |
|---|---|
| Mounting: | 2-point, Multi-point, 1-point |
| Wind-exposed surface: | 0.27 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)) |

**Other features**

| | |
|---|---|
| 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: | 98.00 mm |
| Net weight: | 8.20 kg |

# AREALO 2
# 7955 L190
**[ Item no. : 79550 0001 ]**

**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 |