LED damp-proof light fitting

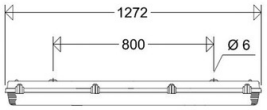
# 161 12L42 AUS

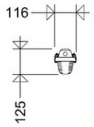
**[ Item no. : 16117 0352 ]**



## General product description

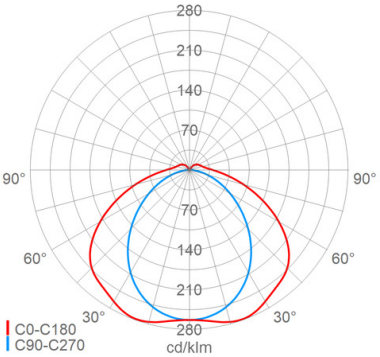
Sturdy LED damp-proof light fitting for application in unprotected outdoor areas. Highly impact-resistant glass fibre reinforced polyester housing and frosted PMMA diffuser with high impact and UV resistance. Captive clips, multi-part, incl. two safety clips, silicone gasket and pressure compensation system. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection.




## General product benefits

- sturdy, extremely reliable high-quality light fitting for application in unprotected outdoor areas
- high impact resistant housing, chemical and UV resistant
- PMMA diffuser with high mechanical and UV-resistance
- UV, ozone, weather, chemical and ageing resistant profile gasket
- pressure compensation system to prevent condensation inside the light fitting
- highly efficient by using high-quality ECG and LED modules
- homogenous illumination due to frosted diffuser, comfortable perception of light and brilliant glare limitation
- sustainable, interchangeable components
- future proof by using standardised Zhaga LED modules




## Applications

- humid, wet and dusty indoor areas and sheltered outdoor areas in commerce, trade and industry etc.
- unprotected outdoor areas, e.g. mounted to industrial plants, external gangways, stairs, walls, ceilings, doors, bus stops, train stations, subways, construction sites, under canopies etc. The light is not to be used in areas with high mechanical stress (wind) or seldom usage (i.e. maintenance and inspection only, please use light fittings from the 144..AUS or PRIMO XR series)

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## [ Item no. : 16117 0352 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254258034 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 27 W |
| Luminaire luminous flux: | 4240 lm |
| Luminous efficacy: | 157 lm/W |
| Colour temperature: | 4000 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 840 |
| Admissible ambient temperature $T_a$: | -20 °C to +40 °C |
| Control gear: | 1 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | B |
| I LED max: | 275 mA |
| BEG-eligible (Germany): | Yes |

**Lighting technology**

| | |
|---|---|
| Light distribution: | symmetrical wide beam |
| Beam angle: | 120 ° |
| Photobiological safety: | RG1 |

**Service life**

| | |
|---|---|
| Service life LED: | L90>50000 h (@ Ta 25°C), L80>70000 h (@ Ta max), L70>100000 h (@ Ta max) |

**Electrical connection**

| | |
|---|---|
| Rated voltage: | 220 - 240 V, 50/60 Hz |
| Terminal clamp: | Cage clamp, 3-polig, 0,75 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 26 |
| CB B10/B13/B20: | 17/22/33 |
| CB C10/C13/C16/C20: | 27/35/44/54 |
| Cable entries: | M20 (2x), pressure compensation element (1x), cable gland (1x), Plastic, 6 - 13 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |
| IK rating: | IK05 |
| Limited surface temperature D: | Yes |
| Approval marks: | CE |

**Mounting**

| | |
|---|---|
| Mounting method (accessories possibly needed): | Ceiling, Ceiling with bracket, Ceiling with angle, Pole with pipe clamp, Pipe clamp, Wall, Wall with bracket, Wall with angle |
| Operating position: | downwards radiation, forwards radiation, horizontal |
| Mounting: | 2-point |

**Housing**

| | |
|---|---|
| Housing material: | Glass fibre reinforced polyester |
| Colour: | grey |

**Cover**

| | |
|---|---|
| Cover type / material: | Diffuser (PMMA) |
| Cover characteristic: | satined |
| Closure: | Clips (Plastic) |

**Other features**

| | |
|---|---|
| Pressure compensation system: | Yes |

**Dimension/Weight**

| | |
|---|---|
| Length: | 1272.00 mm |
| Width / Diameter: | 116.00 mm |
| Height: | 125.00 mm |
| Net weight: | 2.70 kg |

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**[ Item no. : 16117 0352 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 16111 9035 | ABD 161 018 F | cover PMMA frosted |
| 16111 9031 | ABD 161 036 F | cover PMMA frosted |
| 16111 9032 | ABD 161 058 F | cover PMMA frosted |
| 16111 9036 | ABD 161 018 F PC | cover PC frosted |
| 16111 9033 | ABD 161 036 F PC | cover PC frosted |
| 16111 9034 | ABD 161 058 F PC | cover PC frosted |
| 16111 9017 | ABD 161 018 LM | cover high chemical resistant clear IFS |
| 16111 9018 | ABD 161 036 LM | cover high chemical resistant clear IFS |
| 16111 9019 | ABD 161 058 LM | cover high chemical resistant clear IFS |
| 90004 0001 | SK 120 | wire guard powder coated for 161 06.. |
| 90004 0002 | SK 140 | wire guard powder coated for 161 12.. |
| 90004 0003 | SK 165 | wire guard powder coated for 161 15.. |
| 90053 9008 | KK/KKS FR VE10 | locking clips (10 pcs.) with 2 safety clips |
| 90055 9004 | KE/KES VE10 | locking clips (10 pcs.) with 2 safety clips |
| 90053 9004 | KKS FR P | safety clips (1 pair) |
| 90055 9005 | KES P | safety clips (1 pair) |
| 90063 9000 | 2511 | blanking plug M20 |
| 25610 9000 | 2561 | cable gland M20 |
| 25600 9000 | 2560 | cable gland M25 |
| 90259 9002 | DAE20 | breather M20 |
| 90259 9003 | DAE20/25 | breather M20 with extension M25 |
| 90093 0002 | 183 RO 112 A P | 2 pipe clamps 1 1/2", stainless steel, with support |
| 90094 0002 | 183 RO 2 A P | 2 pipe clamps 2", stainless steel, with support |
| 90045 9001 | HW 30 P | wall and ceiling mounting (1 pair) aluminium 30° |
| 90045 9002 | HW 45 P | wall and ceiling mounting (1 pair) aluminium 45° |
| 90045 9004 | HW 60 P | wall and ceiling mounting (1 pair) aluminium 60° |
| 90045 9003 | HW 90 P | wall and ceiling mounting (1 pair) aluminium 90° |
| 90049 0002 | 183 S | hook stainless steel for chain mounting |
| 90095 0001 | DS 183 | ceiling rail stainless steel with M5 screw |