

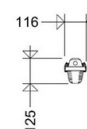
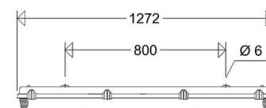
## LED damp-proof light fitting

**161 12L22 T40 H65**

[ Item no. : 16117 0501 ]

**General product description**

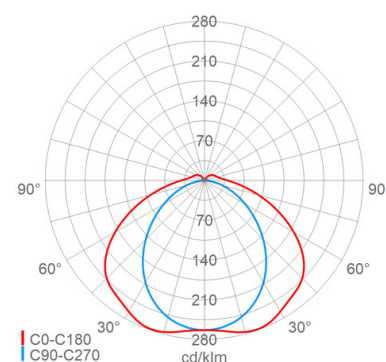
Sturdy LED damp-proof light fitting for high ambient temperatures and wide temperature ranges. Highly impact-resistant glass fibre reinforced polyester housing and frosted diffuser with high impact resistance. Captive clips, multi-part, incl. two safety clips, silicone gasket. Powder-coated aluminium reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection.

**General product benefits**

- perfect solution for application with very high ambient temperatures and extreme ambient temperature fluctuations
- sturdy, extremely reliable high-quality light fitting for application in rough industrial environments
- high impact resistant housing, chemical and UV resistant
- diffuser with high mechanical resistance
- 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., areas with wide ambient temperature ranges, e.g. climatic chambers, material containers, test stands, regions with extreme temperature changes etc., areas with high ambient temperatures



## LED damp-proof light fitting

**161 12L22 T40 H65****[ Item no. : 16117 0501 ]****Technical data****Key technical data**

|                                    |   |
|------------------------------------|---|
| Light source:                      | LED   |
| LED module standard:               | Zhaga   |
| Exchangeability:                   | light source and control gear replaceable by qualified person |
| Connected load:                    | 14 W  |
| Luminaire luminous flux:           | 2390 lm   |
| Luminous efficacy:                 | 171 lm/W  |
| Colour temperature:                | 4000 K  |
| Colour rendering (CRI):            | ≥ 80  |
| Light colour:                      | 840   |
| Admissible ambient temperature Ta: | -40 °C to +65 °C  |
| Control gear:                      | 1 x ECG, Overload protection , Short circuit protection       |

**Lighting technology**

|                         |                       |
|-------------------------|-----------------------|
| Light distribution:     | symmetrical wide beam |
| Beam angle:             | 120 °                 |
| Photobiological safety: | RG0                   |

**Service life**

|                   |   |
|-------------------|---|
| Service life LED: | L70>100000 h (@ Ta max), L80>70000 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, 0.75 - 2.5 mm <sup>2</sup>  |
| Max. no. (with CB B16): | 32   |
| CB B10/B13/B20:         | 21/26/41   |
| CB C10/C13/C16/C20:     | 33/43/54/66                                      |
| Cable entries:          | M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm |

**Housing**

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

**Cover**

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

**Mounting**

|  |   |
|--|---|
| Mounting method (accessories possibly needed): | Ceiling, Wall, Ceiling with bracket, Ceiling with angle, Suspended, Mounting rail, Wall with bracket, Wall with angle |
|--|---|

**Mounting**

|                     |   |
|---------------------|---|
| Operating position: | downwards radiation, forwards radiation, horizontal |
| Mounting:           | 2-point   |

**Features/Certificates**

|                              |      |
|------------------------------|------|
| Protection class:            | I    |
| IP rating:                   | IP65 |
| IK rating:                   | IK09 |
| Limited surface temperature: | D    |
| Approval marks:              | CE   |
| Energy efficiency class:     | C    |

**Dimension/Weight**

|                 |               |
|-----------------|---------------|
| Length:         | 1272.00 mm    |
| Width/Diameter: | 116.00 mm     |
| Height:         | 125.00 mm     |
| Net weight:     | 2.80 kg       |
| EAN/GTIN:       | 4041254278438 |

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**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 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 BR 161/2 163/4 175/6 | 2 brackets aluminium 30°                            |
| 90045 9002 | HW 45 P BR 161/2 163/4 175/6 | 2 brackets aluminium 45°                            |
| 90045 9004 | HW 60 P BR 161/2 163/4 175/6 | 2 brackets aluminium 60°                            |
| 90045 9003 | HW 90 P BR 161/2 163/4 175/6 | 2 brackets aluminium 90°                            |
| 90049 0002 | 183 S                        | hook stainless steel for chain mounting             |
| 90095 0001 | 183 DS                       | bracket stainless steel with screw M5               |