LED damp-proof light fitting

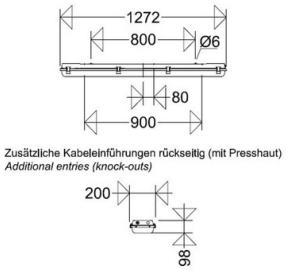
# 164 12L90G2 865

**[ Item no. : 16415 0022 ]**



### General product description

LED damp-proof light fitting with glass fibre reinforced polyester housing, diffuser, foamed gasket and clips, incl. two safety clips. Powder-coated reflector with highly efficient Zhaga LED modules and ECG with overload and short circuit protection.

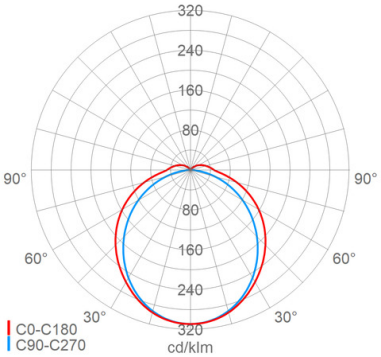



### General product benefits

- high-quality light fitting with highly mechanical resistance
- highly efficient by using high-quality 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.



# 164 12L90G2 865

## [ Item no. : 16415 0022 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254315652 |

**Key technical data**

| | |
|---|---|
| Light source: | LED |
| LED module standard: | Zhaga |
| Exchangeability: | light source and control gear replaceable by qualified person |
| Connected load: | 58 W |
| Luminaire luminous flux: | 8990 lm |
| Luminous efficacy: | 155 lm/W |
| Colour temperature: | 6500 K |
| Colour rendering (CRI): | ≥ 80 |
| Light colour: | 865 |
| Admissible ambient temperature $T_a$: | -20 °C to +40 °C |
| Control gear: | 2 x ECG, Overload protection, Short circuit protection |
| Energy efficiency class: | B |
| I LED max: | 300 mA |
| BEG-eligible (Germany): | Yes |

**Lighting technology**

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

**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 mm² |
| Max. no. with circuit breaker B16: | 8 |
| CB B10/B13/B20: | 6/7/11 |
| CB C10/C13/C16/C20: | 8/10/13/16 |
| Cable entries: | M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |
| IP rating: | IP65 |
| IK rating: | IK04 |
| Limited surface temperature D: | Yes |
| Approval marks: | CE |

**Mounting**

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

**Dimension/Weight**

| | |
|---|---|
| Length: | 1272.00 mm |
| Width / Diameter: | 200.00 mm |
| Height: | 98.00 mm |
| Net weight: | 3.23 kg |

# 164 12L90G2 865

**[ Item no. : 16415 0022 ]**

**Optional accessories / spare parts**

| Item no. | Item name | Item description |
|---|---|---|
| 16411 9008 | ABD 164 036 F G2 | cover PMMA frosted |
| 16411 9009 | ABD 164 058 F G2 | cover PMMA frosted |
| 16411 9004 | ABD 164 036 PC | cover PC clear pearled |
| 16411 9005 | ABD 164 058 PC | cover PC clear pearled |
| 90063 9000 | 2511 | blanking plug M20 |
| 25610 9000 | 2561 | cable gland M20 |
| 25600 9000 | 2560 | cable gland M25 |
| 90123 9007 | 163 KK/KKS VE08 | locking clips (8 pcs.) with 2 safety clips |
| 90123 9006 | 163 KE/KES VE08 | locking clips (8 pcs.) with 2 safety clips |
| 90123 9004 | 163 KKS P | safety clips (1 pair) |
| 90123 9005 | 163 KES P | safety clips (1 pair) |
| 90004 0005 | SK 240 | wire guard powder coated for 162 12../164 12.. |
| 90004 0006 | SK 265 | wire guard powder coated for 162 15../164 15.. |
| 90245 0005 | 164 RO 112 A P | 2 pipe clamps 1 1/2", stainless steel, with support |
| 90245 0006 | 164 RO 2 A P | 2 pipe clamps 2", stainless steel, with support |
| 90049 0002 | 183 S | hook stainless steel for chain mounting |
| 90095 0001 | DS 183 | ceiling rail stainless steel with M5 screw |