LED damp-proof light fitting

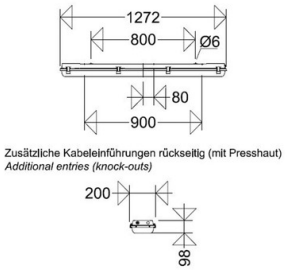
# 164 12L90G2 DIMC

**[ Item no. : 16415 0020 ]**



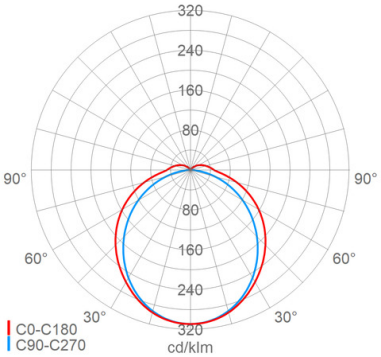
## General product description

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 dimmable ECG with overload and short circuit protection as well as dimming mode "Corridor Mode".




## General product benefits

- high energy saving potential by needs-based light control
- 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
- 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 where light fittings are controlled via motion sensor or door contact, e.g. storage areas, shelf aisles, areas with high energy saving potential at times without public access, e.g. car parks, areas where a 24/7 illumination is required
- for damp and cold ambient conditions with low duty cycles, please contact us

# 164 12L90G2 DIMC

## [ Item no. : 16415 0020 ]

### Technical data

**General**

| | |
|---|---|
| EAN/GTIN: | 4041254302355 |

**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: | 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: | 300 mA |

**Lighting control**

| | |
|---|---|
| Dimming method: | Corridor mode (DIMC) |
| Dimming range: | 10 - 100 % |
| Special features: | Automatic cutoff deactivated (light fitting never switches off and provides a background illumination of 10%) |

**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, 4-polig, 0,75 - 2,5 mm² |
| Max. no. with circuit breaker B16: | 23 |
| CB B10/B13/B20: | 15/19/29 |
| CB C10/C13/C16/C20: | 23/31/39/47 |
| Cable entries: | M20 (2x), blanking plug (2x), Plastic, 8 - 15 mm |

**Features/Certificates**

| | |
|---|---|
| Protection class: | I |

**Features/Certificates**

| | |
|---|---|
| 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: | 3.10 kg |

# 164 12L90G2 DIMC

**[ Item no. : 16415 0020 ]**

**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 |