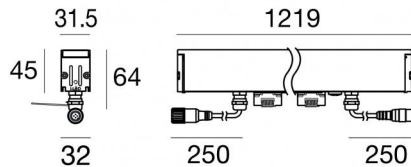




Lines | 85-277 V | 192 topLED 6 W DC - 8 W AC  
CRI 80



**C00628AMWDI**



| Technical data                                 |                        |
|--|------------------------|
| Type   | Frameless              |
| Installation position                          | Floor                  |
| Installation environment                       | Outdoor                |
| Light Source                                   | LED                    |
| Circuit structure                              | topLED                 |
| Optics   | Diffused               |
| Light emission direction                       | upward                 |
| Nominal power                                  | 6 W DC                 |
| Total Power                                    | 8 W                    |
| Source lumens                                  | 996 lm                 |
| Nominal input voltage                          | 220 - 240 V AC         |
| Input voltage range                            | 85 - 277 V AC          |
| Frequency                                      | 50 - 60 Hz             |
| CCT / Tone                                     | 3000 K                 |
| Colour rendering index                         | 80 Ra                  |
| C.C. / C.V.                                    | AC                     |
| Safety class                                   | 2                      |
| IP   | IP68                   |
| Installation limitations                       | Not for underwater use |
| IK   | IK08                   |
| Glow wire test                                 | 850°                   |
| Direct mounting on normally flammable surfaces | Yes                    |
| CE   | Yes                    |
| Driver included                                | Driver                 |
| Dimmable article                               | No                     |
| Directional                                    | No                     |
| Tilting  | No                     |
| Walk-over                                      | Yes                    |
| Drive-over                                     | 2000 Kg                |
| Cable included                                 | Yes                    |
| Cable length                                   | 0.25 m                 |
| Resin potting                                  | No                     |
| Type of light emission                         | Single emission        |
| Net weight                                     | 2.010 Kg               |
| Electrostatic discharge protection             | Yes                    |
| Surge protection                               | 0.5 KV                 |
| Optics technology                              | Dot free               |

### Finishing casing

|            |                   |
|------------|-------------------|
| Material   | Aluminium         |
| Colour     | Anodised Aluminum |
| Processing | 15 µm Anodizing   |

### Finishing diffuser

|            |                    |
|------------|--------------------|
| Material   | Glass - Tempered   |
| Colour     | Opal white         |
| Processing | Anti-slip painting |



Lines | 85-277 V | 192 topLED 6 W DC - 8 W AC | CRI 80 | Base  
C00628AMWDI

Single emission lines for outdoor application. The warm white LED light source with a diffused light distribution is composed of 192 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 996 lm, with a 166.0 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a anodised aluminum finish, processed by means of 15 µm anodizing; the diffuser is made of glass - tempered with a anti-slip painting treatment. The ingress protection degree is IP68; the total weight is of 2.010 kg.

The total absorbed power is 8 W. The power supply cable is included and features a 0.25 m length.

The device features protection class II and can be floor-mounted with an outer casing, code 99915(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

### Energy efficiency class

This product contains 4 light sources of energy efficiency class D.

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 27 %           |
| Source lumens                         | 996 lm         |
| Delivered lumens                      | 272 lm         |
| Consumption                           | 8 W            |
| Luminaire efficacy                    | 34 lm/W        |
| Colour temperature                    | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index                | 80 Ra          |

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

### LED Life / Failure Ratio

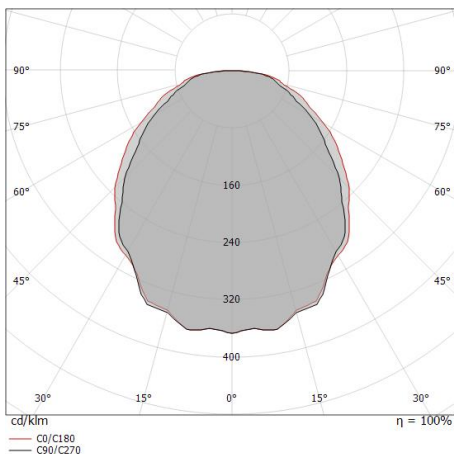
L70 B10 C0 145770h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 20.4     |
| UGR transversal   | 21.2     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 98°                 |
| C0/C180 optics              | 107°                |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                   |
|--------------|-------------------|------------------------------------|
| 0.5          | 1.15<br>1.36      | E(0°) 399<br>E(C90) 56<br>E(C0) 41 |
| 1.0          | 2.30<br>2.72      | E(0°) 100<br>E(C90) 14<br>E(C0) 10 |
| 1.5          | 3.45<br>4.08      | E(0°) 44<br>E(C90) 6<br>E(C0) 5    |
| 2.0          | 4.60<br>5.45      | E(0°) 25<br>E(C90) 4<br>E(C0) 3    |
| 2.5          | 5.75<br>6.81      | E(0°) 16<br>E(C90) 2<br>E(C0) 2    |
| 3.0          | 6.90<br>8.17      | E(0°) 11<br>E(C90) 2<br>E(C0) 1    |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 107.4°)  
— C90/C270 (Half-peak divergence: 98.0°)



|  |  |                                     |
|--|--|-------------------------------------|
|  | <p>Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 1,5m)<br/>Length 1500 mm; insulation double; cable gland: no; colors: white - black - blue - brown.</p> | <p><b>Code</b><br/><u>99216</u></p> |
|  | <p>Cable and connector - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 5m)<br/>Length 5000 mm; insulation double; cable gland: no; colors: white - black - blue - brown.</p>   | <p><b>Code</b><br/><u>89190</u></p> |
|  | <p>Cable and connector - Extension cable<br/>Length 1000 mm; insulation double; cable gland: no.</p>   | <p><b>Code</b><br/><u>98437</u></p> |
|  | <p>Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 5m)<br/>Length 5000 mm; insulation double; cable gland: no.</p>                                    | <p><b>Code</b><br/><u>98149</u></p> |
|  | <p>Cable and connector - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 10m)<br/>Length 10000 mm; insulation double; cable gland: no.</p>                                  | <p><b>Code</b><br/><u>89188</u></p> |
|  | <p>Outer casing<br/>installation position: floor; type of installation: masonry L=1219mm, H=78.7mm, D=71.1mm</p>   | <p><b>Code</b><br/><u>99915</u></p> |
|  | <p>Closing cap<br/>Material:Aluminium 6060, colour:Aluminium.</p>  | <p><b>Code</b><br/><u>99917</u></p> |
|  | <p>Bracket<br/>installation position: wall lights, ceiling, floor L=35mm, H=72.8mm, D=36.5mm.<br/>Material:AISI 304 steel, colour:Scotch Brite Steel.</p>                  | <p><b>Code</b><br/><u>98949</u></p> |



**Bracket**

installation position: wall lights, ceiling, floor.

Material:AISI 304 steel, colour:Scotch Brite Steel.

**Code**

C-F400006