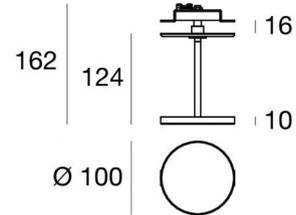


Downlights | 198-264 V | 36 topLED 13 W DC - 15 W AC | CRI 90  
CA064DWHMDI



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| Technical data                                 |                        |
|--|------------------------|
| Type   | Encasement with flange |
| Installation position                          | Ceiling                |
| Installation environment                       | Indoor                 |
| Light Source                                   | LED                    |
| Circuit structure                              | topLED                 |
| Optics   | Diffused               |
| Light emission direction                       | downward and upward    |
| Nominal power                                  | 13 W DC                |
| Total Power                                    | 15 W                   |
| Source lumens                                  | 1563 lm                |
| Nominal input voltage                          | 220 - 240 V AC         |
| Input voltage range                            | 198 - 264 V AC         |
| Frequency                                      | 50 - 60 Hz             |
| CCT / Tone                                     | 2700 K                 |
| Colour rendering index                         | 90 Ra                  |
| C.C. / C.V.                                    | AC                     |
| Safety class                                   | 2                      |
| IP   | IP20                   |
| Glow wire test                                 | 850°                   |
| Direct mounting on normally flammable surfaces | Yes                    |
| CE   | Yes                    |
| Driver included                                | Driver                 |
| Dimmable article                               | Phase cut              |
| Directional                                    | No                     |
| Tilting  | No                     |
| Walk-over                                      | No                     |
| Drive-over                                     | No                     |
| Cable included                                 | No                     |
| Resin potting                                  | No                     |
| Type of light emission                         | Double emission        |
| Electrostatic discharge protection             | Yes                    |
| Surge protection                               | 1 KV                   |

| Finishing casing |                    |
|------------------|--------------------|
| Material         | Aluminium          |
| Colour           | Text white (R9003) |
| Processing       | Coating            |

| Finishing diffuser |                 |
|--------------------|-----------------|
| Material           | PMMA            |
| Colour             | Transparent     |
| Processing         | Satin finishing |

| Finishing mounting frame |                    |
|--------------------------|--------------------|
| Material                 | Aluminium          |
| Colour                   | Text white (R9003) |
| Processing               | Coating            |

Downlights | 198-264 V | 36 topLED 13 W DC - 15 W AC | CRI 90 | Base CA064DWHMDI

Double emission recessed downlights for indoor application. The super warm white LED light source with a diffused light distribution is composed of 36 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1563 lm, with a 120.2 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text white (r9003) finish, processed by means of coating; the diffuser is made of pmma with a satin finishing treatment; the mounting frame is made of aluminium, with a text white (r9003) finish, processed by means of coating.

The ingress protection degree is IP20;

The total absorbed power is 15 W

The device features protection class II and can be ceiling-mounted, with a 60 mm diameter hole (in plasterboard).

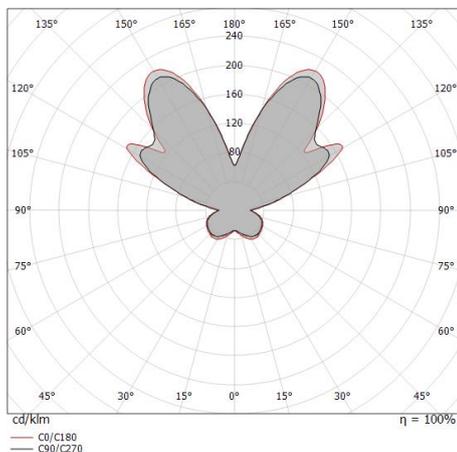
Compliant with the EN 60598-1 standard and its specific provisions.

| Illuminotechnical Features             |                |
|--|----------------|
| Light Output Ratio (LOR)               | 91 %           |
| Source lumens                          | 1563 lm        |
| Delivered lumens                       | 1432 lm        |
| Consumption                            | 15 W           |
| Luminaire efficacy                     | 95 lm/W        |
| Colour temperature                     | 2700 K         |
| Standard Deviation of Colour Matching  | 3 Step MacAdam |
| Colour rendering index                 | 90 Ra          |
| Standard Operating Ambient Temperature | -20 / +50°C    |

| LED Life / Failure Ratio             |  |
|--------------------------------------|--|
| L70 B20 C0 72500h (at Tj 115 Ta 25 ) |  |

| UGR               |          |
|-------------------|----------|
| UGR axial         | 23.8     |
| UGR transversal   | 23.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |             |
|-----------------------------|-------------|
| C0/C180 optics              | 175°        |
| Light distribution simmetry | Symmetrical |

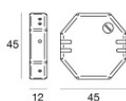


| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 63.66<br>22.02    | 159<br>0<br>0    | 89.1° | 87.4°  | 87.4° |
| 1.0          | 127.31<br>44.04   | 40<br>0<br>0     | 89.1° | 87.4°  | 87.4° |
| 1.5          | 190.97<br>66.07   | 18<br>0<br>0     | 89.1° | 87.4°  | 87.4° |
| 2.0          | 254.63<br>88.09   | 10<br>0<br>0     | 89.1° | 87.4°  | 87.4° |
| 2.5          | 318.28<br>110.11  | 6<br>0<br>0      | 89.1° | 87.4°  | 87.4° |
| 3.0          | 381.94<br>132.13  | 4<br>0<br>0      | 89.1° | 87.4°  | 87.4° |

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

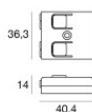
— C0/C180 (Half-peak divergence: 174.8°)  
- - C90/C270 (Half-peak divergence: 178.2°)

Stilo\_C | Downlights | Accessories  
**CA064DWHMDI**



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp  
220-240V

**Code**  
KIT0026



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi  
Radio-frequenza, 85-240V

**Code**  
KIT0080