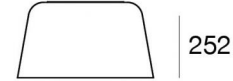
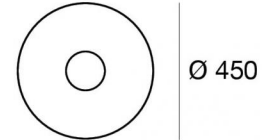


Deckenleuchten | 198-264 V  
80 topLED 20 W DC - 22 W AC | CRI 90  
CA052DBBMDI



252



Ø 450

| Technische Daten                                    |                |
|-----------------------------------------------------|----------------|
| Typ                                                 | Deckenleuchten |
| Installationsposition                               | Decke          |
| Installationsumgebung                               | Indoor         |
| Lichtquelle                                         | LED            |
| Circuit structure                                   | topLED         |
| Optik                                               | Diffuses       |
| Light emission direction                            | downward       |
| Lampe Nennleistung                                  | 20 W DC        |
| Gesamtleistung                                      | 22 W           |
| Lichtstrom (Lichtquelle)                            | 2513 lm        |
| Nominale Eingangsspannung                           | 220 - 240 V AC |
| Eingangsspannungsbereich                            | 198 - 264 V AC |
| Frequency                                           | 50 - 60 Hz     |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K         |
| Farbwiedergabeindex                                 | 90 Ra          |
| Gleichstrom/Gleichspannung                          | AC             |
| Isolierklasse                                       | 1              |
| IP                                                  | IP20           |
| Glühdrahtprüfung                                    | 850°           |
| Direkte Montage auf normal entflammaren Oberflächen | Ja             |
| CE                                                  | Ja             |
| Einschließlich Driver                               | Driver         |
| Leuchte dimmbar                                     | Phase cut      |
| Schwenkbarkeit                                      | Nein           |
| Drehbarkeit                                         | Nein           |
| Begehbarkeit                                        | Nein           |
| Überrollbarkeit                                     | Nein           |
| Einschließlich Kabel                                | Nein           |
| Harzbeschichtung                                    | Nein           |
| Typ Lichtabstrahlung                                | Einflammig     |
| Schutz vor elektrostatischen Entladungen            | Ja             |
| Schutz vor Stoßspannungen                           | 2 KV           |

| Oberfläche Gehäuse |                     |
|--------------------|---------------------|
| Material           | Aluminium           |
| Farbe              | Text Black Ral 9005 |
| Bearbeitungstyp    | Lackierung          |

| Oberfläche diffusor |                     |
|---------------------|---------------------|
| Material            | Aluminium           |
| Farbe               | Text white Ral 9003 |
| Bearbeitungstyp     | Lackierung          |

Deckenleuchten | 198-264 V | 80 topLED 20 W DC - 22 W AC | CRI 90  
**CA052DBBMDI**

Single emission ceiling downlights for indoor application. The super warm white LED light source with a diffused light distribution topped LED with CCT of 2700 K and a CRI 90; the source luminous flux is 2513 lm, with a 125.7 lm/W nominal luminous efficacy.

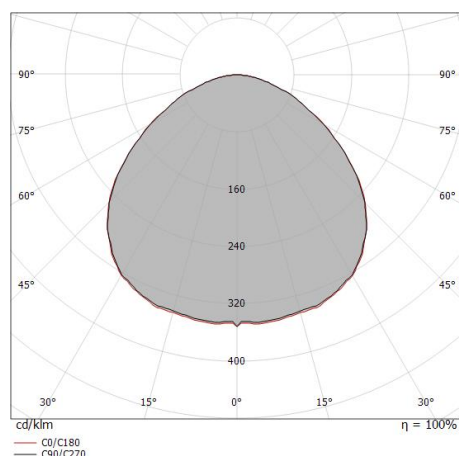
The device body is made of aluminium and features a text black ral 9005 finish, processed by means of coating; the diffuser is made of aluminium with a coating treatment. The ingress protection degree is IP20;

The total absorbed power is 22 W

The device features protection class I and can be ceiling-mounted.

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

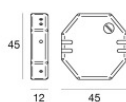
| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 72 %           |
| Lichtstrom (Lichtquelle)              | 2513 lm        |
| Leuchten Lichtstrom                   | 1811 lm        |
| Consumption                           | 22 W           |
| Leuchten Lichtausbeute                | 82 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| LED Life / Failure Ratio              |                |
| L70 B20 C0 72500h (at Tj 115 Ta 25 )  |                |
| UGR                                   |                |
| UGR axial                             | 19.9           |
| UGR transversal                       | 19.8           |
| X=4H   Y=8H                           | S=0.25H        |
| Reflection factor                     | 70/50/20       |
| OPTICAL                               |                |
| Optik C0/C180                         | 111°           |
| Light distribution simmetry           | Symmetrical    |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                                  |
|--------------|-------------------|---------------------------------------------------|
| 0.5          | 1.44<br>1.45      | E(0°) 2548<br>E(C90) 55.3° 236<br>E(C0) 55.4° 234 |
| 1.0          | 2.89<br>2.90      | E(0°) 637<br>E(C90) 55.3° 59<br>E(C0) 55.4° 58    |
| 1.5          | 4.33<br>4.35      | E(0°) 283<br>E(C90) 55.3° 26<br>E(C0) 55.4° 26    |
| 2.0          | 5.78<br>5.80      | E(0°) 159<br>E(C90) 55.3° 15<br>E(C0) 55.4° 15    |
| 2.5          | 7.22<br>7.25      | E(0°) 102<br>E(C90) 55.3° 9<br>E(C0) 55.4° 9      |
| 3.0          | 8.67<br>8.70      | E(0°) 71<br>E(C90) 55.3° 7<br>E(C0) 55.4° 6       |

— C0/C180 (Half-peak divergence: 110.8°)  
— C90/C270 (Half-peak divergence: 110.6°)

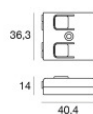
Delfi\_S | Ceiling Downlights | Accessories  
**CA052DBBMDI**



Dimmer - Phasenabschnitt (max. 100 W) – wichtig zum Dimmen der Lampe  
220-240V

**Code**

KIT0026



Dimmer - Phasenabschnitt, CASAMBI - Unverzichtbar zum Dimmen der Lampe mit  
Casambi  
Radio-frequenza, 85-240V

**Code**

KIT0080