

# MC2 D/I KIT 2.4M 4K DALI BLK OPAL

Artikelnummer 2071566

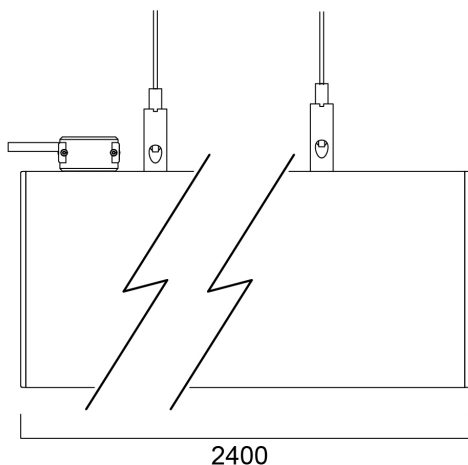
Concord



MC2-KIT D/I 2.4M 4K DALI BLK OPAL LED luminaire, black RAL9005 finishing, direct/indirect distribution (65/35), suspended kit version is pre-wired and supplied complete with end caps and suspension cables, compact and minimalist design based on the Golden Mean, ideal for offices, meeting rooms, corridors, education facilities, museums and libraries, extruded aluminium body, diffuser: opal, colour temperature: 4000K neutral white, total system power: 58W, total fixture output: 8100lm, luminaire efficacy: 140m/W, LOR: 100%, colour rendering: Ra >80, LED Chromacity: 3 step MacAdam ellipse, lifespan: 66,000 hours L90B10, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: (Direcr) 800mA + (Indirect) 350mA, electronic driver, DALI dimmable, direct/indirect independently addressable, electrical protection: CLASS I, IP20, suitable for internal environment only.

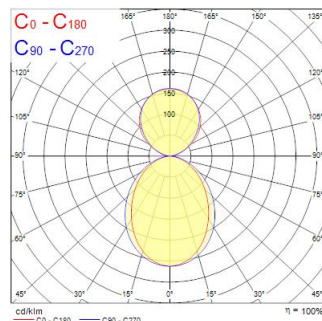
## Technische Werte

### Größe (mm)



### Photometrie

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx]     |
|--------------|-------------------|-------------------|-------------------|----------------------|
| 0.5          | 1.12<br>0.90      | 0.90              | 0.90              | 8904<br>1202<br>1730 |
| 1.0          | 2.24<br>1.80      | 1.80              | 1.80              | 2126<br>311<br>438   |
| 1.5          | 3.37<br>2.70      | 2.70              | 2.70              | 946<br>139<br>194    |
| 2.0          | 4.49<br>3.60      | 3.60              | 3.60              | 552<br>81<br>109     |
| 2.5          | 5.61<br>4.50      | 4.50              | 4.50              | 340<br>50<br>70      |
| 3.0          | 6.73<br>5.40      | 5.40              | 5.40              | 226<br>33<br>46      |



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## Allgemeine Daten

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Produktname                     | MC2 D/I KIT 2.4M 4K DALI BLK OPAL |
| Technologie                     | LED                               |
| Sockel                          | N/A                               |
| Gehäuse                         | Aluminium                         |
| Montage                         | Suspended                         |
| Integrierter Präsenzmelder      | NONE                              |
| Allgemeine Anwendungsbereiche   | Office, Education, Retail         |
| Umgebungstemperaturbereich      | 1°C...+40°C                       |
| Betriebstemperatur (°C)         | 25                                |
| Virtual assistant compatibility | N/A                               |
| ETIM Klasse                     | EC001743                          |
| E-Nummer FI                     | 4170311                           |
| Garantie                        | 5 Jahre                           |

## Optische Daten

|                                  |               |
|----------------------------------|---------------|
| Leuchtenlichtstrom (lm)          | 8100          |
| Systemeffizienz (lm/W)           | 140           |
| Leuchtenbetriebswirkungsgrad (%) | 100           |
| Farbtemperatur (K)               | 4000          |
| Lichtfarbe                       | Neutral White |
| Farbwiedergabeindex (Ra)         | 80            |
| Farbkonsistenz (SDCM)            | SDCM3         |
| Einstellbarer Farbwert           | N             |
| Distributionstyp                 | Symmetric     |
| Blendungsbegrenzung              | < 22          |
| Photobiological Risk Group       | RG0           |

## Elektrische Daten

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Notbeleuchtungstyp                                       |                                |
| Leistungsaufnahme gesamt (W)                             | 58                             |
| Primary Supply/Product voltage - min (V)                 | 220.0                          |
| Primary Supply/Product voltage - max (V)                 | 240.0                          |
| Leistungsfaktor der Lampe                                | 0.98                           |
| THD (bei 230V, 50Hz, bei 100% Dimm-Level)                | 10                             |
| Elektrische Schutzklasse                                 | Class I                        |
| Vorschaltgerät benötigt                                  | No                             |
| Betriebsgerätetyp                                        | LED driver constant current    |
| Dimmbar                                                  | Yes                            |
| Dimming method                                           | DALI-2                         |
| Dimmbar bis (%)                                          | 1                              |
| Min. drive current (mA)                                  | 350                            |
| Max. drive current (mA)                                  | 1050                           |
| Drive current - Range (mA)                               | 350mA / 1050mA                 |
| Einschaltstrom (A)                                       | 31.5                           |
| Dauer Einschaltstrom (µs)                                | 215                            |
| Energy Efficiency Class (A->G) of contained light source | C, B(more than 1 Light Source) |
| Nennfrequenz (Hz)                                        | 50/60Hz                        |
| LED Flickering Rate                                      | Ultra low (5% or less)         |
| Max. Anzahl Leuchten pro 10A C Sicherung                 | 15                             |
| Max. Anzahl Leuchten pro 13A C Sicherung                 | 20                             |
| Max. Anzahl Leuchten pro 16A C Sicherung                 | 25                             |
| Max. Anzahl Leuchten pro 20A C Sicherung                 | 32                             |
| Max. Anzahl Leuchten pro 10A B Sicherung                 | 9                              |
| Max. Anzahl Leuchten pro 13A B Sicherung                 | 12                             |
| Max. Anzahl Leuchten pro 16A B Sicherung                 | 15                             |

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|                                                 |      |
|-------------------------------------------------|------|
| Max. Anzahl Leuchten pro 20A B Sicherung        | 19   |
| Connectable conductor cross section - Min (mm²) | 0.75 |
| Connectable conductor cross section - Max (mm²) | 1.5  |

## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 120000 |
| Lebensdauer - L80B20 | 92500  |
| Lebensdauer - L90B10 | 66000  |

## Physikalische Daten

|                           |                      |
|---------------------------|----------------------|
| Gehäusefarbe              | RAL 9005 - Jet black |
| IP Schutzart              | IP20                 |
| IK Schutzart              | IK03                 |
| Diffusor                  | Opal                 |
| Diffusormaterial          | PC Polycarbonate     |
| Reflektoroberfläche       | Not Applicable       |
| Länge (mm)                | 2400                 |
| Breite (mm)               | 54                   |
| Nominale Produkthöhe (mm) | 86                   |
| Gewicht (kg)              | 5.56                 |

## Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5025768715664  |
| Einzelverpackung Länge (cm)            | 256.0          |
| Einzelverpackung Breite (cm)           | 15.0           |
| Einzelverpackung Tiefe (cm)            | 15.0           |
| DUN 14 (außen)                         | 05025768715664 |
| Anzahl an Einheiten je Außenverpackung | 1              |
| Außenverpackung Länge (cm)             | 256.0          |
| Außenverpackung Breite (cm)            | 15.0           |
| Außenverpackung Tiefe (cm)             | 15.0           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glühdrahttest (°C)               | 650  |
| Optimale Betriebstemperatur (°C) | 1-40 |