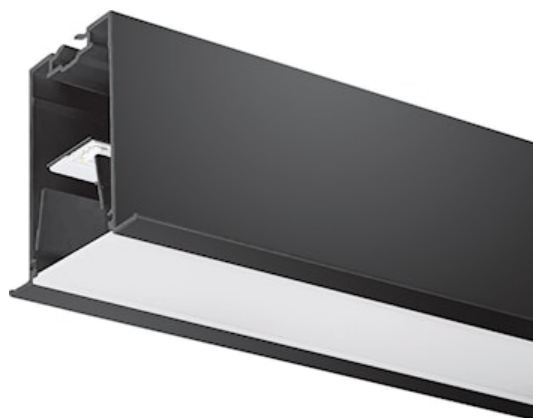
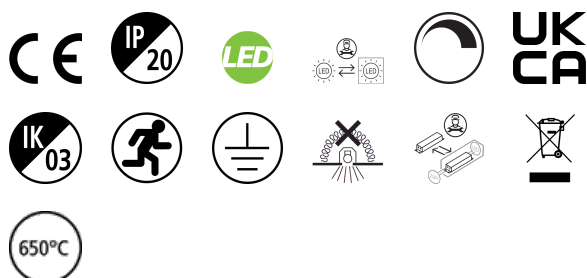


# MC2 Trim 2.4M 37W 4800lm 840 DALIEM Zwart Opaal

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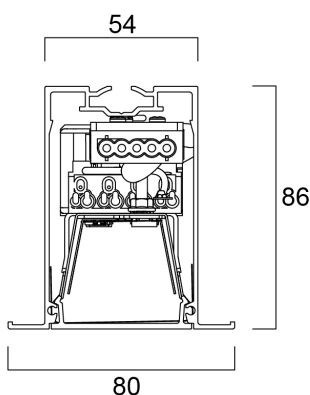
Concord



MC2 TRIM 2.4M 4K DALIEM BLK OPAL LED luminaire, black RAL9005 finishing, direct distribution, trim detail for plasterboard ceilings, suitable for recessed installation either horizontally or vertically, various accessories available, 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: 37W, total fixture output: 4800lm, emergency output: 147lm, luminaire efficacy: 130lm/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: 800mA, electronic driver, DALI dimmable, integral emergency: 3 hour maintained, electrical protection: CLASS I, IP20, suitable for internal environment only.

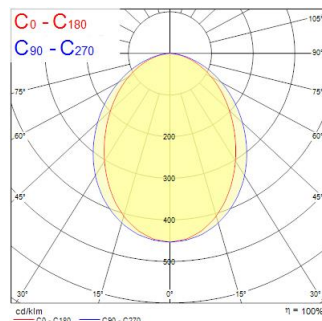
## Technische gegevens

### Afmetingen (mm)



### Fotometrie

| Distance [m]                        | Cone diameter [m] | Beam angle [°]    | Beam diameter [m]  | Beam diameter [ft] | Beam diameter [in] | Beam diameter [mm] |
|-------------------------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 0.5                                 | 1.12              | 0.88              | 0.88               | 0.88               | 0.88               | 0.88               |
| 1.0                                 | 2.24              | 1.79              | 1.79               | 1.79               | 1.79               | 1.79               |
| 1.5                                 | 3.36              | 2.68              | 2.68               | 2.68               | 2.68               | 2.68               |
| 2.0                                 | 4.47              | 3.58              | 3.58               | 3.58               | 3.58               | 3.58               |
| 2.5                                 | 5.59              | 4.47              | 4.47               | 4.47               | 4.47               | 4.47               |
| 3.0                                 | 6.71              | 5.36              | 5.36               | 5.36               | 5.36               | 5.36               |
| Distance [m]                        |                   | Cone diameter [m] | Beam angle [°]     |                    |                    |                    |
| C0 - C180 (Half beam angle: 83.6°)  |                   | Beam diameter [m] | Beam diameter [ft] |                    |                    |                    |
| C90 - C270 (Half beam angle: 96.4°) |                   | Beam diameter [m] | Beam diameter [ft] |                    |                    |                    |



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## Algemene gegevens

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Productnaam                       | MC2 Trim 2.4M 37W 4800lm 840 DALIEM Zwart Opaal |
| Technologie                       | LED                                             |
| Lampvoet                          | N/A                                             |
| Behuizing                         | Aluminium                                       |
| Montage                           | Plafondinbouw                                   |
| Geïntegreerde aanwezigheidssensor | NONE                                            |
| Algemene toepassing               | Kantoor, Onderwijs, Winkel                      |
| Omgevingstemperatuur (°C)         | 1°C...+35°C                                     |
| Werkings temperatuur (°)          | 25                                              |
| Virtual assistant compatibility   | N/A                                             |
| ETIM klasse                       | EC002892                                        |
| Garantie                          | 5 jaar                                          |

## Optische gegevens

|                                |             |
|--------------------------------|-------------|
| Lumenstroom armatuur (lm)      | 4800        |
| Efficiëntie armatuur lm/W      | 130         |
| LOR (%)                        | 100         |
| Kleurtemperatuur (K)           | 4000        |
| Lichtkleur                     | Neutraalwit |
| CRI (Ra)                       | 80          |
| Initiële kleurvariatie (SDCM)  | SDCM3       |
| Instelbare kleurkwaliteit      | Nee         |
| Type licht distributie         | Symmetrisch |
| Luminantiecontrole             | < 25        |
| Fotobiologische risicogroep    | RG0         |
| Luminous flux (emergency) (lm) | 147         |

## Elektrische gegevens

|                                                                          |                                |
|--------------------------------------------------------------------------|--------------------------------|
| Noodbedrijf                                                              | Maintained                     |
| Nood type                                                                |                                |
| Nood duur (u)                                                            | 3                              |
| Totaal energieverbruik (W)                                               | 37                             |
| Primaire voedingsspanning min                                            | 220.0                          |
| Primaire voedingsspanning max                                            | 240.0                          |
| Lamp arbeidsfactor                                                       | 0.98                           |
| THD (bij 230 V, 50 Hz, volledige belasting, bij 100% dimniveau) ≤ xx.x % | 6.1                            |
| Elektrische beschermingsklasse                                           | Klasse 1                       |
| Voorschakelapparaat vereist                                              | Nee                            |
| Type ballast                                                             | LED constante stroom driver    |
| Dimbaar                                                                  | Ja                             |
| Dimtechnologie                                                           | DALI-2                         |
| Minimum dimniveau (%)                                                    | 1                              |
| Min. drive current (mA)                                                  | 350                            |
| Max. drive current (mA)                                                  | 1050                           |
| Stuurstroom bereik                                                       | 350mA / 1050mA                 |
| Inschakelstroom (A)                                                      | 35                             |
| Duur inschakelstroom (µs)                                                | 170                            |
| Energie-efficiëntieklasse (A->G) van de lichtbron in dit product         | C, C(more than 1 Light Source) |
| Nominale frequentie (Hz)                                                 | 50/60Hz                        |
| Flickerratio (%)                                                         | Ultra laag (5% of minder)      |
| Max. Armaturen per 10A C automaat                                        | 21                             |
| Max. Armaturen per 13A C automaat                                        | 28                             |
| Max. Armaturen per 16A C automaat                                        | 35                             |
| Max. Armaturen per 20A C automaat                                        | 45                             |
| Max. Armaturen per 10A B automaat                                        | 13                             |
| Max. Armaturen per 13A B automaat                                        | 17                             |
| Max. Armaturen per 16A B automaat                                        | 21                             |
| Max. Armaturen per 20A B automaat                                        | 27                             |
| Aansluitbare geleider doorsnede min                                      | 0.75                           |
| Aansluitbare geleider doorsnede max                                      | 1.5                            |

# MC2 Trim 2.4M 37W 4800lm 840 DALIEM Zwart Opaal

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## Gegevens levensduur

|                                          |        |
|------------------------------------------|--------|
| Gemiddelde nominale levensduur - L70 B50 | 120000 |
| Gemiddelde nominale levensduur - L80 B20 | 92500  |
| Gemiddelde nominale levensduur - L90 B10 | 66000  |

## Fysieke gegevens

|                         |                      |
|-------------------------|----------------------|
| Kleur behuizing         | RAL 9005 - Jet black |
| IP waarde               | IP20                 |
| IK waarde               | IK03                 |
| Afwerking diffusor      | Opaal                |
| Materiaal diffusor      | PC Polycarbonaat     |
| Afwerking reflector     | Not Applicable       |
| Lengte (mm)             | 2400                 |
| Breedte (mm)            | 80                   |
| Hoogte (mm)             | 86                   |
| Gewicht (kg)            | 5.56                 |
| Vrije inbouwhoogte (mm) | 136                  |

## Verpakkingen

|                                |                |
|--------------------------------|----------------|
| EAN code                       | 5025768715954  |
| Enkele lengte verpakking (cm)  | 256.0          |
| Enkele breedte verpakking (cm) | 15.0           |
| Hoogte eenheidsverpakking (cm) | 15.0           |
| DUN14 (inner)                  | 05025768715954 |
| Eenheden per omdoos            | 1              |
| Lengte omdoos (cm)             | 256.0          |
| Breedte omdoos (cm)            | 15.0           |
| Diepte omdoos (cm)             | 15.0           |

## Veiligheidsgegevens

|                                      |      |
|--------------------------------------|------|
| Gloeidraad test (°)                  | 650  |
| Optimale bedrijfsomstandigheden (°C) | 1-35 |