

# Concord

MC2 D/I 1.2M 4K DALI BLK PRIS  
2071553



## Features

- MC2 D/I 1.2M 4K DALI BLK PRIS LED luminaire, black RAL9005 finishing, direct/indirect distribution (65/35), 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: micro prismatic, colour temperature: 4000K neutral white, total system power: 29W, total fixture output: 3850lm, luminaire efficacy: 133lm/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: (Direct) 800mA + (Indirect) 350mA, electronic driver, DALI dimmable, direct/indirect independently addressable, electrical protection: CLASS I, ingress protection rating: IP20, suitable for internal environment only.

## Product Overview

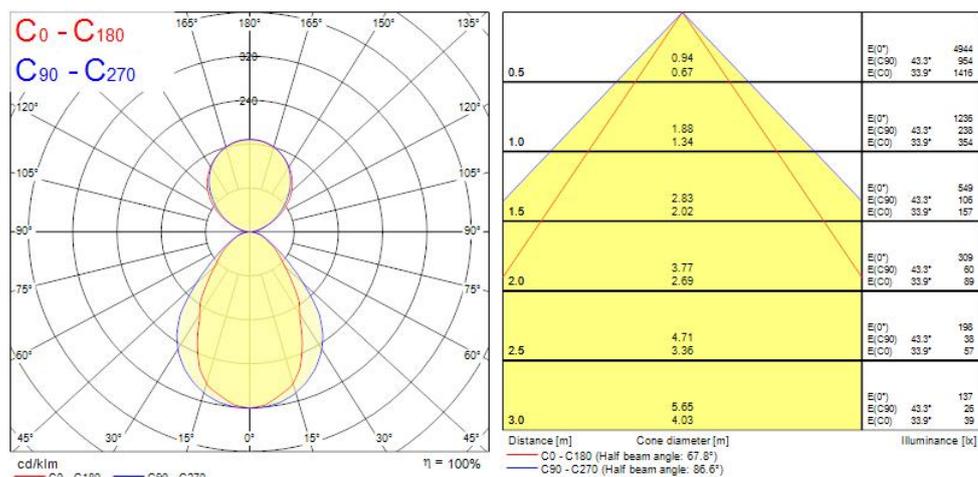
|                                   |  |
|-----------------------------------|--|
| Product name                      | MC2 D/I 1.2M 4K DALI BLK PRIS          |
| Technology                        | LED (3 SDCM)                           |
| Cap/Base                          | N/A                                    |
| Housing                           | Aluminium                              |
| Mount                             | Suspended                              |
| General application               | Education, Hospitality, Office, Retail |
| ETIM Class                        | EC001743                               |
| E-number FI                       | 4170318                                |
| Fixture luminous flux (lm)        | 3850                                   |
| Luminaire efficacy (lm/W)         | 133                                    |
| LOR (%)                           | 100                                    |
| Correlated colour temperature (k) | 4000                                   |
| Light colour                      | Neutral White                          |
| CRI (Ra)                          | 80                                     |

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|                                 |                    |
|---------------------------------|--------------------|
| Colour Variation Initial (SDCM) | 3                  |
| Glare control                   | < 19               |
| Photobiological Risk Group      | RG0                |
| Total power consumption (W)     | 29                 |
| Electrical protection           | Class I            |
| Control gear type               | Electronic ballast |
| Dimmable                        | Yes                |
| Minimum dimming level (%)       | 1                  |
| Housing colour                  | Black              |
| IP rating                       | IP20               |
| IK rating                       | IK03               |
| Product EAN number              | 5025768715534      |
| Warranty                        | 5 years            |
| Dimming method                  | DALI               |

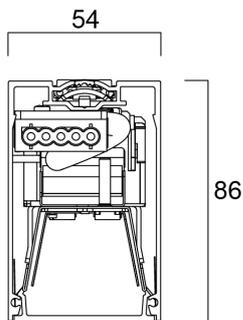
## Photometry



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## Technical drawings



## Data table

### GENERAL DATA

|   |  |
|---|--|
| Product name                            | MC2 D/I 1.2M 4K DALI BLK PRIS          |
| Technology                              | LED (3 SDCM)                           |
| Cap/Base                                | N/A                                    |
| Housing                                 | Aluminium                              |
| Mount                                   | Suspended                              |
| General application                     | Education, Hospitality, Office, Retail |
| Operating temperature range (°C)        | 1°C...+40°C                            |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC001743                               |
| E-number FI                             | 4170318                                |
| Warranty                                | 5 years                                |

### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 3850 |
| Luminaire efficacy (lm/W)  | 133  |

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|                                   |               |
|-----------------------------------|---------------|
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Adjustable chromaticity           | N             |
| Luminous Intensity (cd)           | 1236          |
| Distribution type                 | Symmetric     |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG0           |

### ELECTRICAL DATA

|   |                                |
|---|--------------------------------|
| Total power consumption (W)   | 29                             |
| Primary Supply/Product voltage - min (V)                              | 220.0                          |
| Primary Supply/Product voltage - max (V)                              | 240.0                          |
| Lamp power factor   | 0.95                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 10                             |
| Electrical protection   | Class I                        |
| Control gear required   | No                             |
| Control gear type   | Electronic ballast             |
| Dimmable  | Yes                            |
| Dimming method  | DALI                           |
| Minimum dimming level (%)   | 1                              |
| Min. drive current (mA)   | 350                            |
| Max. drive current (mA)   | 1050                           |
| Drive current - Range (mA)  | 350mA / 1050mA                 |
| Inrush Current (A)  | 53                             |
| Inrush Duration ( $\mu$ s)  | 200                            |
| Energy Efficiency Class (A->G) of contained light source              | C, B(more than 1 Light Source) |
| Nominal Frequency (Hz)  | 50/60Hz                        |
| Max. products per 10A C Breaker                                       | 21                             |
| Max. products per 16A C Breaker                                       | 48                             |
| Max. products per 16A B Breaker                                       | 22                             |

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|  |     |
|--|-----|
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 1.5 |
|--|-----|

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 92500  |
| Lifespan L90 B10 | 66000  |

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | Black            |
| IP rating                   | IP20             |
| IK rating                   | IK03             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Reflector finish            | Not Applicable   |
| Nominal Product Length (mm) | 1200             |
| Nominal Product Width (mm)  | 54               |
| Nominal Product Height (mm) | 86               |
| Weight (kg)                 | 3.2              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768715534  |
| Packaging single length / height (cm) | 121.0          |
| Packaging single width (cm)           | 11.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768715534 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 121.0          |
| Packaging outer width (cm)            | 11.0           |
| Packaging outer depth (cm)            | 11.0           |

### SAFETY DATA

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|

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|  |      |
|--|------|
| <b>Optimal operating condition (°C)</b>    | 1-40 |
| <b>Special purpose lamp</b>                | No   |
| <b>Dry applications use only</b>           | No   |
| <b>Suitable for household illumination</b> | No   |