

Concord

MC2 D/I 1.2M 3K DALI BLK OPAL
2071555



Features

- MC2 D/I 1.2M 3K DALI BLK OPAL 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: opal, colour temperature: 3000K warm white, total system power: 29W, total fixture output: 3900lm, luminaire efficacy: 134lm/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, IP20, suitable for internal environment only.

Product Overview

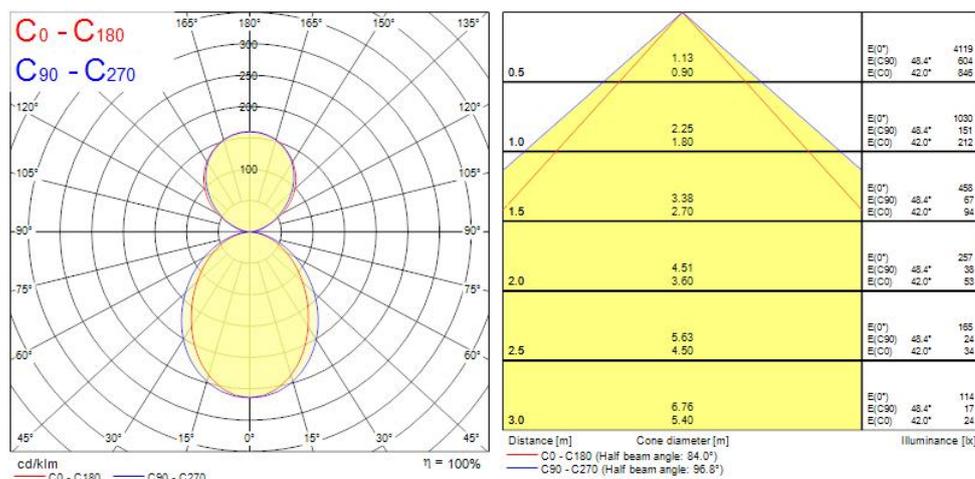
| | |
|---------------------------------|----------------------------------------|
| Product name | MC2 D/I 1.2M 3K DALI BLK OPAL |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Suspended |
| General application | Education, Hospitality, Office, Retail |
| ETIM Class | EC001743 |
| E-number FI | 4170322 |
| Fixture luminous flux (lm) | 3900 |
| Luminaire efficacy (lm/W) | 134 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |

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|-----------------------------|--------------------|
| Glare control | < 21 |
| 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 | 5025768715558 |
| Warranty | 5 years |
| Useful luminous flux (#use) | 3900 |
| Dimming method | DALI |

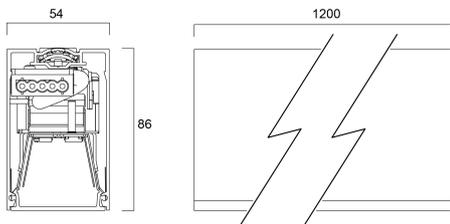
Photometry



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Technical drawings



Data table

GENERAL DATA

| | |
|-----------------------------------------|----------------------------------------|
| Product name | MC2 D/I 1.2M 3K DALI BLK OPAL |
| 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 | 4170322 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|-----------------------------|------------|
| Useful luminous flux (#use) | 3900 |
| Fixture luminous flux (lm) | 3900 |
| Luminaire efficacy (lm/W) | 134 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |

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| | |
|---------------------------------|-----------|
| Colour Variation Initial (SDCM) | 3 |
| Adjustable chromaticity | N |
| Luminous Intensity (cd) | 1030 |
| Distribution type | Symmetric |
| Glare control | < 21 |
| 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 |
| 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 |
| Drive current - Range (mA) | 350mA / 1050mA |
| Inrush Current (A) | 30 |
| Inrush Duration (μ s) | 200 |
| Glow Wire Test ($^{\circ}$ C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | C, C(more than 1 Light Source) |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 16A C Breaker | 48 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 92500 |

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|------------------|-------|
| Lifespan L90 B10 | 66000 |
|------------------|-------|

PHYSICAL DATA

| | |
|-----------------------------|------------------|
| Housing colour | Black |
| IP rating | IP20 |
| IK rating | IK03 |
| Diffuser finish | Opal |
| Diffuser material | PC Polycarbonate |
| Reflector finish | White |
| Nominal Product Length (mm) | 1200 |
| Nominal Product Width (mm) | 54 |
| Nominal Product Height (mm) | 86 |
| Weight (kg) | 3.1 |

PACKAGING

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768715558 |
| Packaging single length / height (cm) | 128.0 |
| Packaging single width (cm) | 15.0 |
| Packaging single depth (cm) | 15.0 |
| DUN14 (outer) | 05025768715558 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 128.0 |
| Packaging outer width (cm) | 15.0 |
| Packaging outer depth (cm) | 15.0 |

SAFETY DATA

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