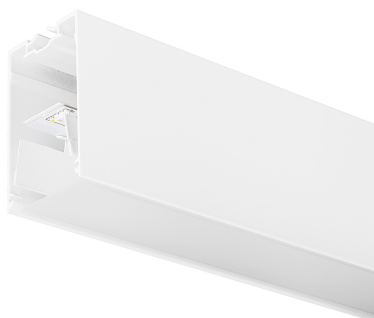


# Concord

## MC2 1.2M 4K DALI WHT OPAL 2071482



### Features

- MC2 1.2M 4K DALI WHT OPAL LED luminaire, white RAL9016 finishing, direct distribution, trimless detail for a seamless finish, suitable for recessed, semi-recessed, surface-mounted or suspended 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: 18W, total fixture output: 2400lm, 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: 800mA, electronic driver, DALI dimmable, electrical protection: CLASS I, IP20, suitable for internal internal environment only.

### Product Overview

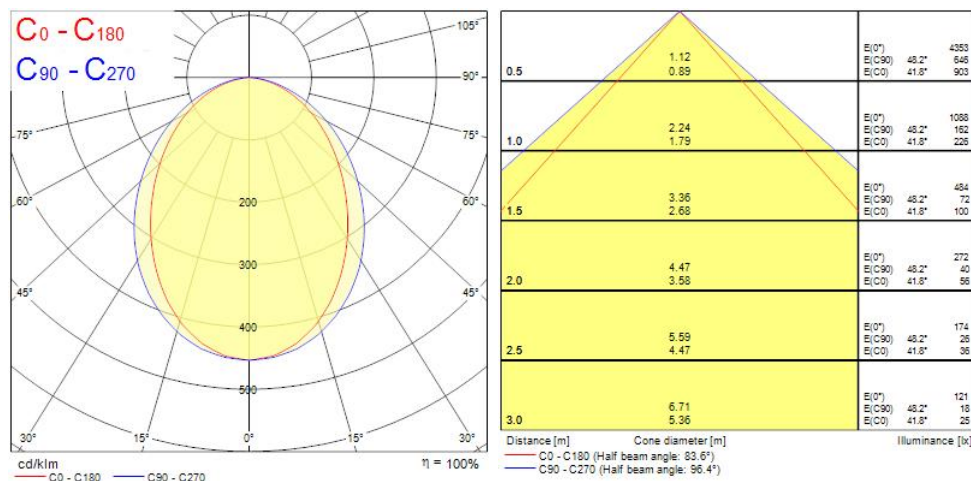
<b>Product name</b>	MC2 1.2M 4K DALI WHT OPAL
<b>Technology</b>	LED (3 SDCM)
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>General application</b>	Education, Hospitality, Office, Retail
<b>ETIM Class</b>	EC002892
<b>E-number FI</b>	4170346
<b>Fixture luminous flux (lm)</b>	2400
<b>Luminaire efficacy (lm/W)</b>	133
<b>LOR (%)</b>	100
<b>Correlated colour temperature (k)</b>	4000

# Concord

## MC2 1.2M 4K DALI WHT OPAL 2071482

Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	18
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5025768714827
Warranty	5 years
Dimming method	DALI

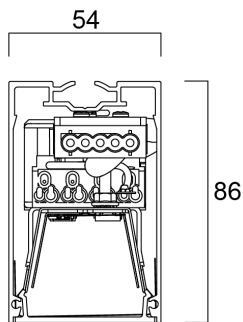
### Photometry



# Concord

MC2 1.2M 4K DALI WHT OPAL  
2071482

## Technical drawings



## Data table

### GENERAL DATA

Product name	MC2 1.2M 4K DALI WHT OPAL
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
Operating temperature range (°C)	1°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4170346
Warranty	5 years

### OPTICAL DATA

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	133

# Concord

## MC2 1.2M 4K DALI WHT OPAL 2071482

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)	1088
Distribution type	Symmetric
Glare control	< 24
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	18
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	6.1
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	400
Min. drive current (mA)	350
Max. drive current (mA)	1050
Drive current - Range (mA)	350mA / 1050mA
Inrush Current (A)	40
Inrush Duration ( $\mu$ s)	178
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	15
Max. products per 13A C Breaker	20

# Concord

## MC2 1.2M 4K DALI WHT OPAL 2071482

Max. products per 16A C Breaker	23
Max. products per 20A C Breaker	30
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	12
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	18
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	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Opal
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
Recessed Depth (mm)	136

### PACKAGING

Product EAN number	5025768714827
Packaging single length / height (cm)	121.0
Packaging single width (cm)	11.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768714827
Units per outer package	1

# Concord

MC2 1.2M 4K DALI WHT OPAL  
2071482

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Packaging outer length / height (cm)	121.0
Packaging outer width (cm)	11.0
Packaging outer depth (cm)	11.0

## SAFETY DATA

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Glow Wire Test (°C)	650
Optimal operating condition (°C)	1-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No