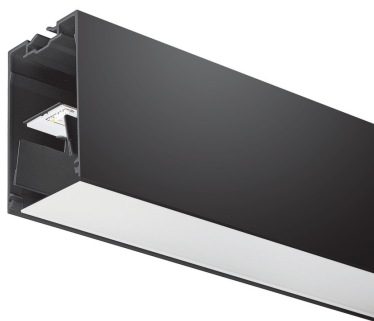


# Concord

## MC2 1.2M 4K DALI BLK OPAL 2071582



### Features

- MC2 1.2M 4K DALI BLK OPAL LED luminaire, black RAL9005 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

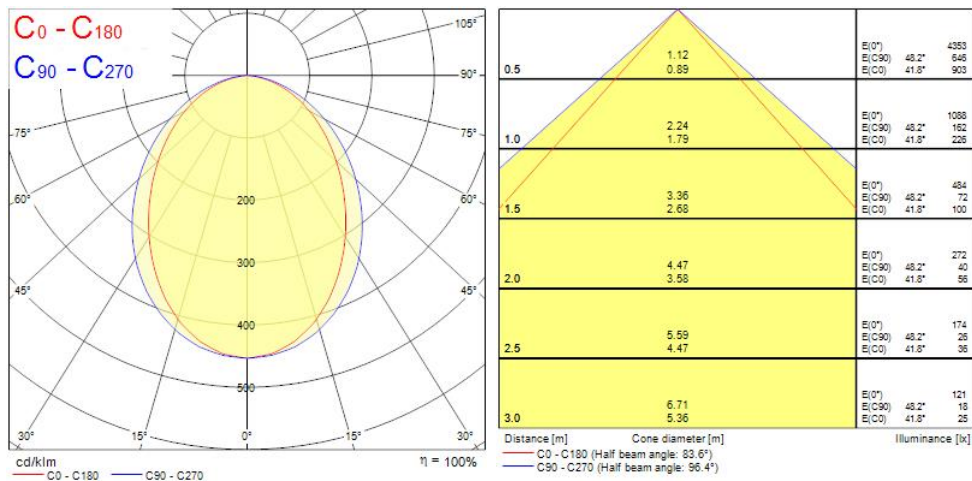
Product name	MC2 1.2M 4K DALI BLK OPAL
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
E-number FI	4170349
Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	133
LOR (%)	100
Colour temperature (K)	4000

# Concord

## MC2 1.2M 4K DALI BLK OPAL 2071582

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	Black
IP rating	IP20
IK rating	IK03
Product EAN number	5025768715824
Warranty	5 years
Useful luminous flux (#use)	2400
Dimming method	DALI

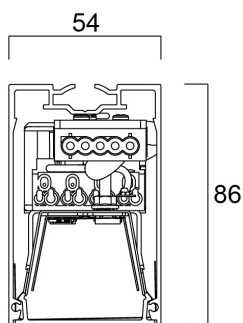
## Photometry



# Concord

MC2 1.2M 4K DALI BLK OPAL  
2071582

## Technical drawings



## Data table

### GENERAL DATA

Product name	MC2 1.2M 4K DALI BLK 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	4170349
Warranty	5 years

### OPTICAL DATA

Useful luminous flux (#use)	2400
Fixture luminous flux (lm)	2400

# Concord

## MC2 1.2M 4K DALI BLK OPAL 2071582

Luminaire efficacy (lm/W)	133
LOR (%)	100
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
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ 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 - Range (mA)	350mA / 1050mA
Inrush Current (A)	40
Inrush Duration (µs)	178
Glow Wire Test (°C)	650
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
Max. products per 16A C Breaker	23

# Concord

## MC2 1.2M 4K DALI BLK OPAL 2071582

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	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
Cutout Dimensions (W x L in mm or Diameter in mm)	60 x 1200
Weight (kg)	2.5
Recessed Depth (mm)	136

### PACKAGING

Product EAN number	5025768715824
Packaging single length / height (cm)	125.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	10.0
DUN14 (outer)	05025768715824

# Concord

MC2 1.2M 4K DALI BLK OPAL  
2071582

Units per outer package	1
Packaging outer length / height (cm)	125.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	10.0

## SAFETY DATA

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