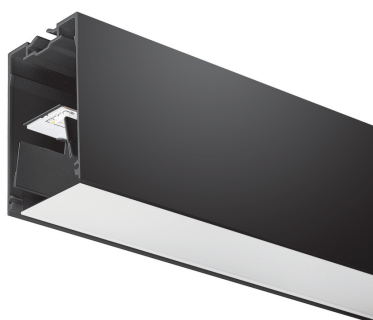


Concord

MC2 1.2M 3K DALI BLK OPAL 2071579



Features

- MC2 1.2M 3K 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: 3000K warm white, total system power: 18W, total fixture output: 2300lm, luminaire efficacy: 128lm/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 environment only.

Product Overview

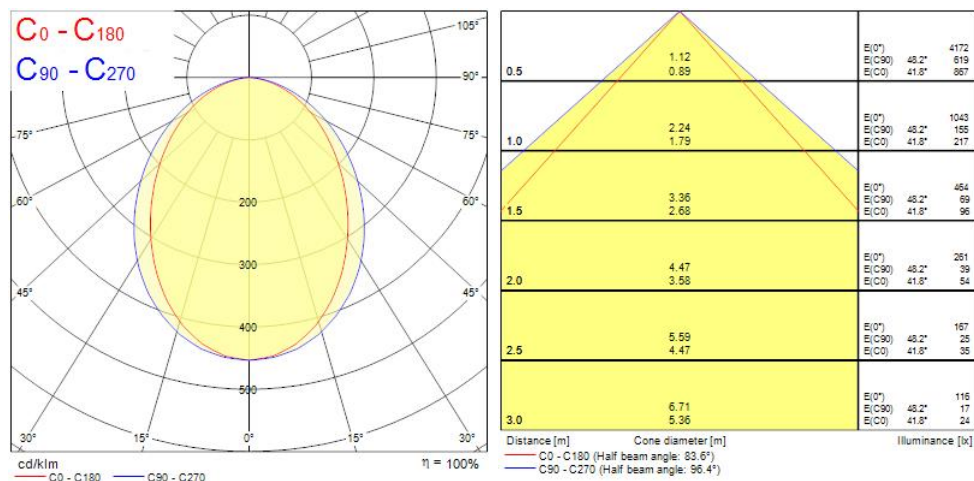
Product name	MC2 1.2M 3K DALI BLK OPAL
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
E-number FI	4170343
Fixture luminous flux (lm)	2300
Luminaire efficacy (lm/W)	128
LOR (%)	100
Correlated colour temperature (k)	3000

Concord

MC2 1.2M 3K DALI BLK OPAL 2071579

Light colour	Warm 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	5025768715794
Warranty	5 years
Dimming method	DALI

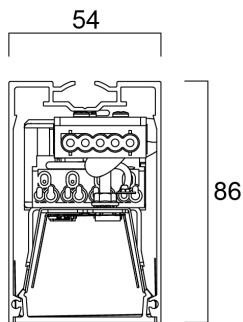
Photometry



Concord

MC2 1.2M 3K DALI BLK OPAL
2071579

Technical drawings



Data table

GENERAL DATA

Product name	MC2 1.2M 3K 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	4170343
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2300
Luminaire efficacy (lm/W)	128

Concord

MC2 1.2M 3K DALI BLK OPAL 2071579

LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Luminous Intensity (cd)	1043
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) ≤ 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
Min. drive current (mA)	350
Max. drive current (mA)	1050
Drive current - Range (mA)	350mA / 1050mA
Inrush Current (A)	40
Inrush Duration (µs)	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
Max. products per 16A C Breaker	23

Concord

MC2 1.2M 3K DALI BLK OPAL 2071579

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 ²)	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	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	5025768715794
Packaging single length / height (cm)	121.0
Packaging single width (cm)	11.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768715794
Units per outer package	1
Packaging outer length / height (cm)	121.0

Concord

MC2 1.2M 3K DALI BLK OPAL
2071579

Packaging outer width (cm)	11.0
Packaging outer depth (cm)	11.0

SAFETY DATA

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