

Mini Continuum II - Direct - Suspended Kit

MC2-KIT 2.4M 4K DALIEM WHT OPAL

2093142



Product features

- 2093142 MC2-KIT 2.4M 4K DALIEM WHT OPAL Continuous lines of LED light, white RAL 9016, direct distribution, suspended kit version is pre-wired and supplied complete with end caps and suspension cables, 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: 45W, total fixture output: 4700lm, emergency output: 128lm, luminaire efficacy: 104lm/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, integral emergency: 3 hour maintained, electrical protection: CLASS I, IP20, suitable for internal environment only.



PRODUCT OVERVIEW

Product name	MC2-KIT 2.4M 4K DALIEM WHT OPAL
Technology	LED
Housing	Aluminium
Mount	Suspended
Environment	Internal
General application	Education, Hospitality, Office, Retail
ETIM Class	EC001743
Warranty	5 years
Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	104
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 24
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	128
Luminous flux (emergency) (lm)	128
Total power consumption (W)	45
Electrical protection	Class I
Control gear type	Electronic ballast
Dimming method	DALI
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768931422

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DATA TABLE

General data

Product name	MC2-KIT 2.4M 4K DALIEM WHT OPAL
Technology	LED
Housing	Aluminium
Mount	Suspended
Environment	Internal
General application	Education, Hospitality, Office, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001743
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	104
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Glare control	< 24
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	128
Luminous flux (emergency) (lm)	128
Emergency duration (h)	3

Electrical data

Total power consumption (W)	45
Mains voltage (V)	220-240V
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	800
Inrush Current (A)	40
Inrush Duration (µs)	178
Energy Efficiency Class (A->G) of contained light source	C
Max. Luminaires per 10A C Breaker	15
Max. Luminaires per 13A C Breaker	20
Max. Luminaires per 16A C Breaker	23
Max. Luminaires per 20A C Breaker	30
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	12

Mini Continuum II - Direct - Suspended Kit MC2-KIT 2.4M 4K DALIEM WHT OPAL 2093142

Max. Luminaires per 16A B Breaker	14
Max. Luminaires per 20A B Breaker	18

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	66000

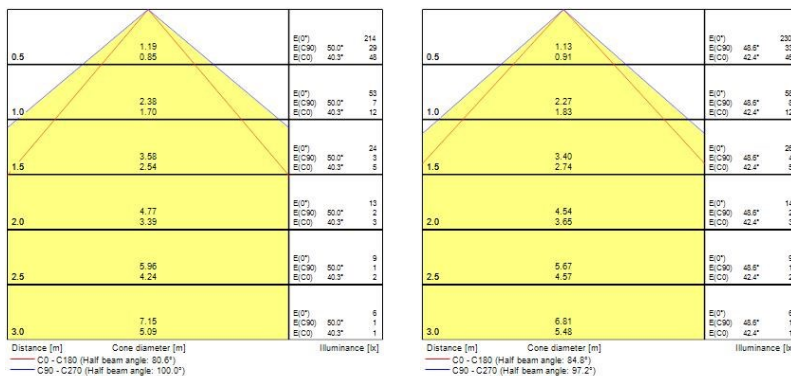
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	2400
Nominal Product Width (mm)	54
Nominal Product Height (mm)	86
Weight (kg)	6.4

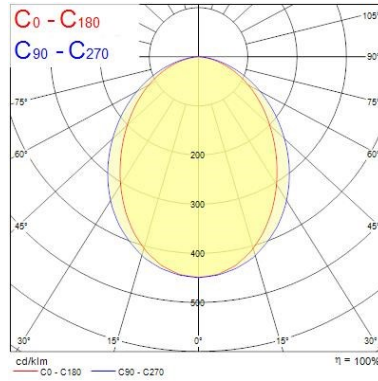
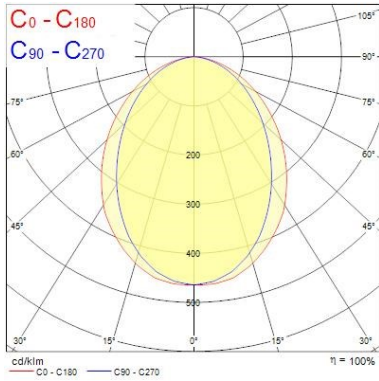
Packaging

Single packaging type	Carton
Product EAN number	5025768931422
Packaging single length / height (cm)	254.0
Packaging single width (cm)	15.0
Packaging single depth (cm)	15.0
DUN14 (outer)	05025768931422
Units per outer package	1
Packaging outer length / height (cm)	254.0
Packaging outer width (cm)	15.0
Packaging outer depth (cm)	15.0

PHOTOMETRY



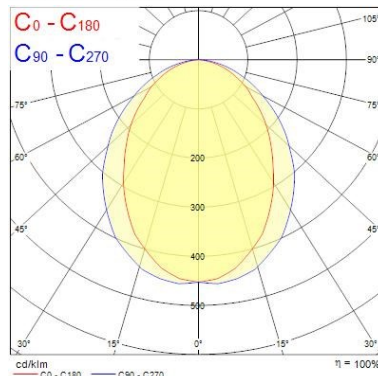
Mini Continuum II - Direct - Suspended Kit MC2-KIT 2.4M 4K DALIEM WHT OPAL 2093142



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.13 0.91	3410	48.6° 1218	42.4° 1698
1.0	2.27 1.83	2103	48.6° 304	42.4° 424
1.5	3.40 2.74	904	48.6° 135	42.4° 189
2.0	4.54 3.65	526	48.6° 78	42.4° 106
2.5	5.67 4.57	336	48.6° 49	42.4° 68
3.0	6.81 5.48	232	48.6° 34	42.4° 47

Distance [m] Cone diameter [m] Illuminance [lx]

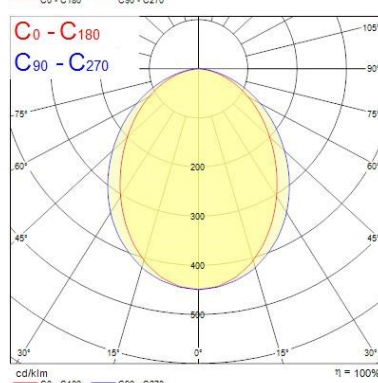
— C0 - C180 (Half beam angle: 84.8°)
— C90 - C270 (Half beam angle: 97.2°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.86 1.11	3973	40.8° 870	48.0° 896
1.0	1.71 2.22	993	40.8° 217	48.0° 149
1.5	2.57 3.33	441	40.8° 97	48.0° 68
2.0	3.43 4.44	248	40.8° 54	48.0° 37
2.5	4.29 5.55	159	40.8° 36	48.0° 24
3.0	5.14 6.66	110	40.8° 24	48.0° 17

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 96.0°)
— C90 - C270 (Half beam angle: 91.2°)



TECHNICAL DRAWINGS

