

MC2 D/I KIT 2.4M 4K DALIEM WHT OPAL

Item No: 2071468

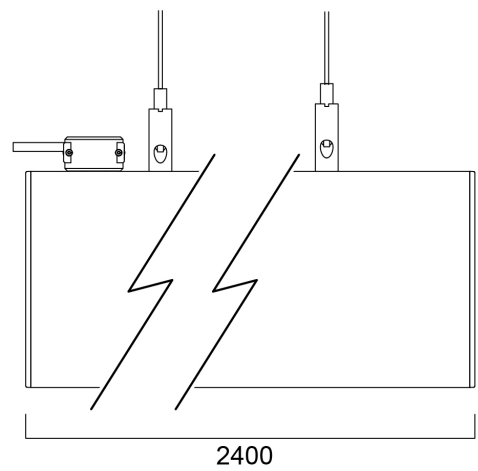
Concord



MC2-KIT D/I 2.4M 4K DALIEM WHT OPAL LED luminaire, white RAL9016 finishing, direct/indirect distribution (65/35), 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: 59W, total fixture output: 8100lm, emergency output: 147lm, luminaire efficacy: 137lm/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, integral emergency: 3 hour maintained, electrical protection: CLASS I, IP20, suitable for internal environment only.

Technical Assets

Dimensions (mm)



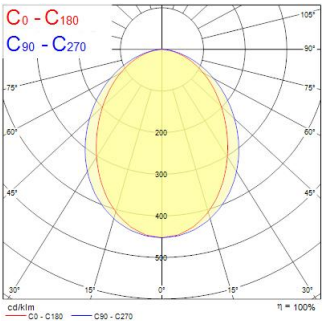
Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]
0.5	1.12	0.88	35.4"	28.3"
1.0	2.24	1.77	70.9"	56.7"
1.5	3.37	2.66	106.3"	85.0"
2.0	4.49	3.55	141.7"	113.3"
2.5	5.61	4.44	177.1"	141.7"
3.0	6.73	5.33	212.5"	169.9"

Distance [m] Cone diameter [m] Beam diameter [m] Beam diameter [ft] Beam diameter [in]

— C0 - C180 (Half beam angle: 90.0°)

— C90 - C270 (Half beam angle: 90.0°)



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General data

Product name	MC2 D/I KIT 2.4M 4K DALIEM WHT OPAL
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Built in presence detector	NONE
General application	Office, Education, Retail
Operating temperature range (°C)	1°C...+35°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001743
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8100
Luminaire efficacy (lm/W)	137
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	147

Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	59
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 %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Min. drive current (mA)	350
Max. drive current (mA)	1050
Drive current - Range (mA)	350mA / 1050mA
Inrush Current (A)	31.5
Inrush Duration (µs)	215
Energy Efficiency Class (A->G) of contained light source	C, B, C (more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	15
Max. products per 13A C Breaker	20
Max. products per 16A C Breaker	25
Max. products per 20A C Breaker	32
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	12
Max. products per 16A B Breaker	15
Max. products per 20A B Breaker	19
Connectable conductor cross section - Min (mm²)	0.75

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Connectable conductor cross section - Max (mm²)		1.5
Lifetime data		
Lifespan L70 B50		120000
Lifespan L80 B20		92500
Lifespan L90 B10		66000
Physical data		
Housing colour		RAL 9016 - Traffic white / Bezel
IP rating		IP20
IK rating		IK03
Diffuser finish		Opal
Diffuser material		PC Polycarbonate
Reflector finish		Not Applicable
Nominal Product Length (mm)		2400
Nominal Product Width (mm)		54
Nominal Product Height (mm)		86
Weight (kg)		5.56
Packaging		
Product EAN number		5025768714681
Packaging single length / height (cm)		256.0
Packaging single width (cm)		15.0
Packaging single depth (cm)		15.0
DUN14 (inner)		05025768714681
Units per outer package		1
Packaging outer length / height (cm)		256.0
Packaging outer width (cm)		15.0
Packaging outer depth (cm)		15.0
Safety data		
Glow Wire Test (°C)		650
Optimal operating condition (°C)		1-35