

Mini Continuum II - Direct - Trimless

MC2 3.6M 4K DALIEM WHT OPAL

2093120



Product features

- 2093120 MC2 3.6M 4K DALIEM WHT OPAL Continuous lines of LED light, white RAL 9016, 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: 66W, total fixture output: 7000lm, emergency output: 128lm, luminaire efficacy: 106lm/W, LOR: 100%, colour rendering: Ra >80, LED Chromacity: 3 step MacAdam ellipse, lifetime: 60,000 hours at 90% of the original output (L90), energy class: A++, A+, A, 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

IPC Code	2093120
Product name	MC2 3.6M 4K DALIEM WHT OPAL
Technology	LED
Housing	Aluminium
Mount	Recessed, Surface, Suspended
Environment	Internal
General application	Education, Hospitality, Office, Retail
Certifications	EUNEW002
ETIM Class	EC002892
Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	106
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	UGR <24
Photobiological Risk Group	Exempt Group 0
Luminous flux (emergency) (lm)	128
Total power consumption (W)	66
Electrical protection	Class I
Control gear type	DALI
Minimum dimming level (%)	1
Average life (Nominal) (h)	50000
Housing colour	White
IP rating	IP20
Product EAN number	5025768931200
Luminous flux (emergency) (lm)	128
Lamps	Yes
Included lamp	INTEGRATED LED

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DATA TABLE

General data

IPC Code	2093120
Product name	MC2 3.6M 4K DALIEM WHT OPAL
Technology	LED
Housing	Aluminium
Mount	Recessed, Surface, Suspended
Environment	Internal
General application	Education, Hospitality, Office, Retail
Operating temperature rated (°C)	25
Certifications	EUNEW002
ETIM Class	EC002892

Optical data

Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	106
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Distribution type	Direct
Glare control	UGR <24
Photobiological Risk Group	Exempt Group 0
Luminous flux (emergency) (lm)	128
Emergency duration (h)	3

Electrical data

Total power consumption (W)	66
Mains voltage (V)	220-240V~
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	DALI
Minimum dimming level (%)	1
Drive current (mA)	800
Inrush Current (A)	40
Inrush Duration (µs)	178
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
Max. Luminaires per 16A B Breaker	14
Max. Luminaires per 20A B Breaker	18

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Lifetime data

Lumen maintenance - L70 B50	60000
Lumen maintenance - L70 B20	60000
Lumen maintenance - L70 B10	60000
Lumen maintenance - L80 B50	60000
Lumen maintenance - L80 B20	60000
Lumen maintenance - L80 B10	60000
Lumen maintenance - L90 B50	60000
Lumen maintenance - L90 B20	47000
Lumen maintenance - L90 B10	33000
Average life (Nominal) (h)	50000

Physical data

Housing colour	White
IP rating	IP20
Diffuser finish	Opal
Diffuser material	Polycarbonate
Nominal Product Length (mm)	3600
Nominal Product Width (mm)	54
Nominal Product Height (mm)	86
Weight (kg)	7.8
Recessed Depth (mm)	136

Packaging

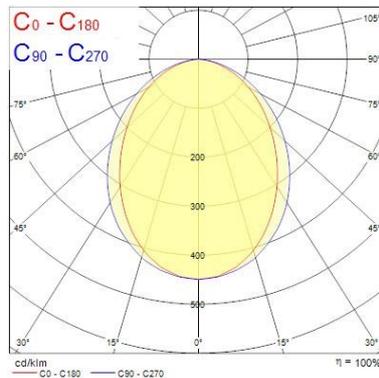
Single packaging type	Carton
Product EAN number	5025768931200
Packaging single length / height (cm)	365.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	10.0
DUN14 (outer)	05025768931200
Units per outer package	1
Packaging outer length / height (cm)	365.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	10.0

PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.13 0.91	12615	48.6° 1827	42.4° 2947
1.0	2.27 1.83	3154	48.6° 457	42.4° 637
1.5	3.40 2.74	1402	48.6° 203	42.4° 283
2.0	4.54 3.65	788	48.6° 114	42.4° 159
2.5	5.67 4.57	505	48.6° 73	42.4° 102
3.0	6.81 5.49	350	48.6° 51	42.4° 71

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

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



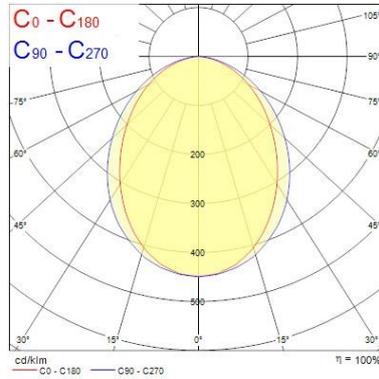
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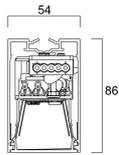
0.5	1.13 0.91	E(0°) E(C90) E(C0)	230 53 46
1.0	2.27 1.83	E(0°) E(C90) E(C0)	56 14 12
1.5	3.40 2.74	E(0°) E(C90) E(C0)	28 7 6
2.0	4.54 3.65	E(0°) E(C90) E(C0)	14 3 3
2.5	5.67 4.57	E(0°) E(C90) E(C0)	9 2 2
3.0	6.81 5.48	E(0°) E(C90) E(C0)	6 1 1

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

— C0 - C180 (Half beam angle: 84.8°)
— C90 - C270 (Half beam angle: 37.2°)



TECHNICAL DRAWINGS



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Concord 2093120

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

Concord 2093120  874/2012