

DeltaWing LED - DALI dimmable & Microwave sensor

DELTAWING LED51 DALI MW 4K 1200
0044897



Product features

- Low profile surface and suspended LED diffuser luminaire, 1218mm x 200mm, 4000K Neutral White, DALI dimmable, Microwave sensor, 5144lm, 50W, lifespan: 55,000 hours L90B10, A++ A+ A



PRODUCT OVERVIEW

Product name	DELTAWING LED51 DALI MW 4K 1200
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Environment	Internal
General application	Education, Hospitality, Logistics & Industry, Office, Retail
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	5144
Luminaire efficacy (lm/W)	102.88
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	103
Glare control	< 23
Photobiological Risk Group	RG1
Total power consumption (W)	50
Product Voltage (V)	240
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	95
Housing colour	White
IP rating	IP44
IK rating	IK08
Product EAN number	5410288448978

DATA TABLE

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General data

Product name	DELTAWING LED51 DALI MW 4K 1200
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Environment	Internal
General application	Education, Hospitality, Logistics & Industry, Office, Retail
Operating temperature range (°C)	-10°C - 25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5144
Luminaire efficacy (lm/W)	102.88
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	103
Glare control	< 23
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	50
Mains voltage (V)	220-240V~
Product Voltage (V)	240
Lamp power factor	0.9
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Minimum dimming level (%)	95
Drive current (mA)	350
Inrush Current (A)	30
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	12
Max. Luminaires per 16A C Breaker	20
Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 16A B Breaker	20

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	55800

Physical data

Housing colour	White
IP rating	IP44
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1218
Nominal Product Width (mm)	200
Nominal Product Height (mm)	85
Weight (kg)	3.5

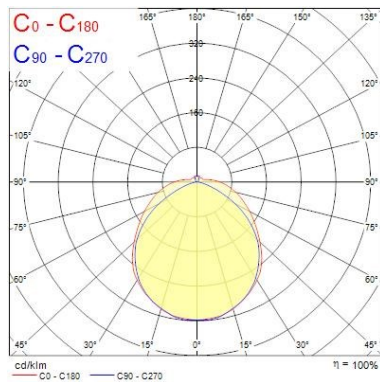
Packaging

Single packaging type	Carton
Product EAN number	5410288448978
Packaging single length / height (cm)	122.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	22.5
DUN14 (outer)	05410288448978
Units per outer package	1
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	22.5

Safety data

Optimal operating condition (°C)	-10-25
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ (C90) [lx]	E ₁ (C0) [lx]
0.5	1.26 1.46	6551	51.5° 756	55.5° 596
1.0	2.51 2.91	1633	51.5° 199	55.5° 148
1.5	3.77 4.37	720	51.5° 88	55.5° 66
2.0	5.03 5.82	409	51.5° 48	55.5° 37
2.5	6.29 7.28	262	51.5° 32	55.5° 24
3.0	7.54 8.73	182	51.5° 22	55.5° 17

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 111.0°)
 C90 - C270 (Half beam angle: 103.0°)

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TECHNICAL DRAWINGS

