

Features

• DELTAWING 1200 3K DALI EM is a ceiling and wall surface, suspended LED luminaire with opal diffuser, 1160x160x60mm dimensions, 38W system power, 4,200lm flux and 111lm/W efficacy, CRI (Ra) >80, 3000K (Warm White) CCT, chromaticity tolerance of 3-step MacAdam ellipse, DALI dimmable driver and 3hrs emergency with LiFePO4 battery, RAL9003 finishing, L70B50 100khrs / L80B50 80khrs lifespan, IK06 impact resistance, IP44 ingress protection rating (in ceiling surface installation), Electrical protection Class I, Glow wire test 850°C.

Product Overview

Product name	DELTAWING 1200 3K DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	PC Polycarbonate, Steel
Mount	Ceiling surface mounting, Wall surface mounted
General application	Education, Logistics & Industry, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4200
Luminaire efficacy (lm/W)	111
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	120
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	315
Total power consumption (W)	38
Electrical protection	Class I

DELTAWING 1200 3K DALI EM 0042921

Control gear type

LED driver constant current

Dimmable

Yes

Housing colour

RAL9003

IP rating

IP44

IK rating

IK06

Product EAN number

5410288429212

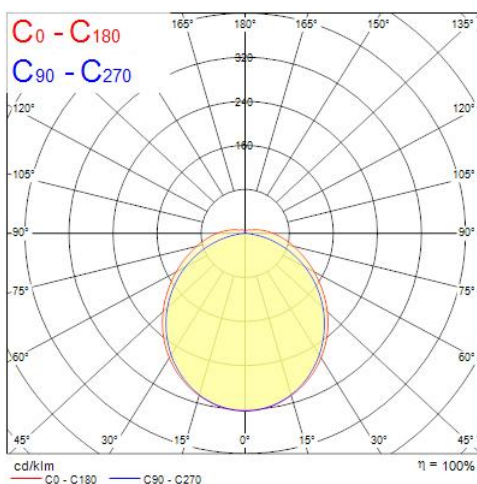
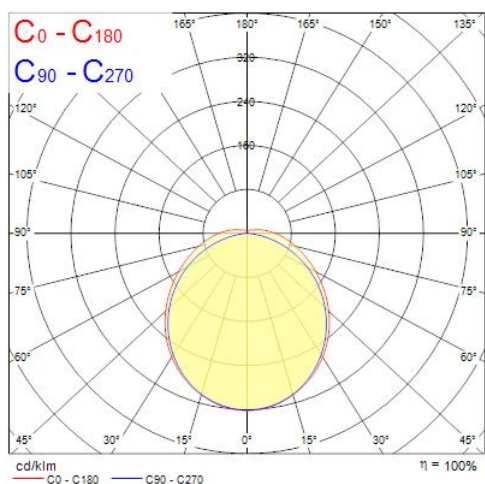
Warranty

5 years

Dimming method

DALI

Photometry

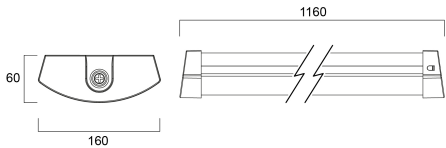


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.36 1.51	5412	53.6°	554	489
1.0	2.71 3.01	1353	53.6°	141	115
1.5	4.07 4.52	601	53.6°	63	51
2.0	5.43 6.02	338	53.6°	35	29
2.5	6.79 7.53	216	53.6°	23	18
3.0	8.14 9.03	150	53.6°	16	13

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.35 1.52	407	53.4°	43	34
1.0	2.69 3.03	102	53.4°	11	8
1.5	4.04 4.55	46	53.4°	5	4
2.0	5.39 6.07	25	53.4°	3	2
2.5	6.73 7.58	16	53.4°	2	1
3.0	8.08 9.10	11	53.4°	1	1

DELTAWING 1200 3K DALI EM
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Technical drawings



Data table

GENERAL DATA

Product name	DELTAWING 1200 3K DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	PC Polycarbonate, Steel
Mount	Ceiling surface mounting, Wall surface mounted
General application	Education, Logistics & Industry, Office
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4200
Luminaire efficacy (lm/W)	111
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	315

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Emergency duration (h)	3
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ELECTRICAL DATA

Total power consumption (W)	38
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Primary Supply/Product voltage - min (V)	220.0
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Primary Supply/Product voltage - max (V)	240.0
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Lamp power factor	0.9
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THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	10
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Electrical protection	Class I
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Control gear required	No
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Control gear type	LED driver constant current
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Dimmable	Yes
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Dimming method	DALI
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Drive current (mA)	350
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Inrush Current (A)	18
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Inrush Duration (μ s)	216
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Energy Efficiency Class (A->G) of contained light source	E
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Nominal Frequency (Hz)	50/60Hz
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Max. products per 10A C Breaker	17
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Max. products per 16A C Breaker	27
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Max. products per 16A B Breaker	20
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Connectable conductor cross section - Max (mm ²)	1.5
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PHYSICAL DATA

Housing colour	RAL9003
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IP rating	IP44
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IK rating	IK06
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Diffuser finish	Diffuse
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Diffuser material	PC Polycarbonate
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Nominal Product Length (mm)	1160
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Nominal Product Width (mm)	160
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DELTAWING 1200 3K DALI EM
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Nominal Product Height (mm)	60
Weight (kg)	1.965

PACKAGING

Product EAN number	5410288429212
Packaging single length / height (cm)	124.6
Packaging single width (cm)	16.5
Packaging single depth (cm)	6.6
DUN14 (inner)	15410288429219
Units per outer package	4
Packaging outer length / height (cm)	126.0
Packaging outer width (cm)	34.5
Packaging outer depth (cm)	15.2

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No