

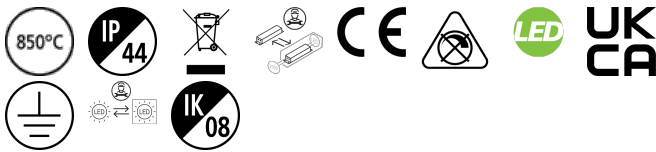
DeltaWing LED - Electronic

DELTAWING LED38 EB 3K 1200
0044870



Product features

- Low profile surface and suspended LED diffuser luminaire, 1218mm x 200mm, 3000K Warm White, Electronic, 3828lm, 36W, lifespan: 55,000 hours L90B10, A++ A+ A



PRODUCT OVERVIEW

Product name	DELTAWING LED38 EB 3K 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
E-number SE	7013999
Warranty	5 years
Fixture luminous flux (lm)	3828
Luminaire efficacy (lm/W)	106.33
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	103
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP44
IK rating	IK08
Product EAN number	5410288448701

DATA TABLE

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General data

Product name	DELTAWING LED38 EB 3K 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
E-number SE	7013999
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3828
Luminaire efficacy (lm/W)	106.33
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	103
Glare control	< 22
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Drive current (mA)	350
Inrush Current (A)	15
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	51
Max. Luminaires per 16A C Breaker	63
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	24
Max. Luminaires per 13A B Breaker	31

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Max. Luminaires per 16A B Breaker	38
Max. Luminaires per 20A B Breaker	48

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)	3.4

Packaging

Single packaging type	Carton
Product EAN number	5410288448701
Packaging single length / height (cm)	122.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	22.5
DUN14 (outer)	05410288448701
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

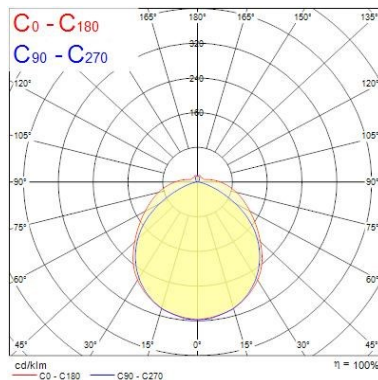
Optimal operating condition (°C)	-10-25
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁₀₀ [lx]	E ₅₀ [lx]
0.5	1.27 1.46	858 733	81.7 69.5	442 383
1.0	2.53 2.91	429 366	81.7 69.5	221 192
1.5	3.80 4.37	286 332	81.7 69.5	147 128
2.0	5.06 5.82	214 249	81.7 69.5	110 96
2.5	6.33 7.28	171 198	81.7 69.5	88 77
3.0	7.60 8.73	143 165	81.7 69.5	77 67

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

— C0 - C180 (Half beam angle: 111.0°)
— C90 - C270 (Half beam angle: 109.4°)



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TECHNICAL DRAWINGS

