

DeltaWing LED - Emergency 3 hour

DELTAWING LED38 EB 3K E3 1200
0044876



Product features

- Low profile surface and suspended LED diffuser luminaire, 1218mm x 200mm, 3000K Warm White, Electronic, Emergency 3 hour maintained, 3828lm, 39W, lifespan: 55,000 hours L90B10, A++ A+ A



PRODUCT OVERVIEW

Product name	DELTAWING LED38 EB 3K E3 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)	3828
Luminaire efficacy (lm/W)	98.15
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	RG1
Total power consumption (W)	39
Product Voltage (V)	240
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
Minimum dimming level (%)	99
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP44
IK rating	IK08
Product EAN number	5410288448763
Luminous flux (emergency) (lm)	550

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DATA TABLE

General data

Product name	DELTAWING LED38 EB 3K E3 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)	3828
Luminaire efficacy (lm/W)	98.15
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	RG1
Emergency duration (h)	3.0

Electrical data

Total power consumption (W)	39
Current (A)	0.350
Mains voltage (V)	220-240V~
Product Voltage (V)	240
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Minimum dimming level (%)	99
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)

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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
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)	3.6

Packaging

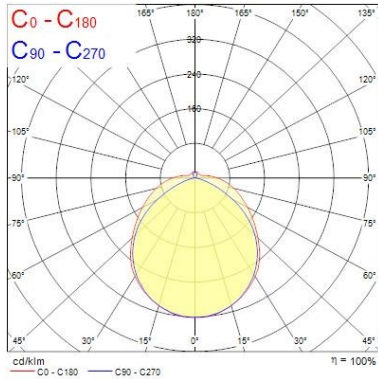
Single packaging type	Carton
Product EAN number	5410288448763
Packaging single length / height (cm)	122.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	22.5
DUN14 (outer)	05410288448763
Units per outer package	1
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	22.5

Safety data

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

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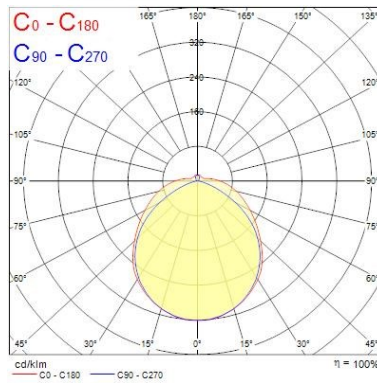


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.25 1.44	707	51.4° 96	55.2° 68	
1.0	2.51 2.88	177	51.4° 22	55.2° 16	
1.5	3.76 4.32	79	51.4° 10	55.2° 7	
2.0	5.01 5.76	44	51.4° 5	55.2° 4	
2.5	6.26 7.19	28	51.4° 3	55.2° 3	
3.0	7.52 8.63	20	51.4° 2	55.2° 2	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 110.4°)
 C90 - C270 (Half beam angle: 102.8°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.25 1.44	4918	51.4° 599	55.2° 488	
1.0	2.51 2.88	1230	51.4° 150	55.2° 114	
1.5	3.76 4.32	548	51.4° 67	55.2° 51	
2.0	5.01 5.76	307	51.4° 37	55.2° 29	
2.5	6.26 7.19	197	51.4° 24	55.2° 18	
3.0	7.52 8.63	137	51.4° 17	55.2° 13	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 110.4°)
 C90 - C270 (Half beam angle: 102.8°)



TECHNICAL DRAWINGS

