

DELTAWING 1200 3K DALI

Item No: 0042917

SYLVANIA

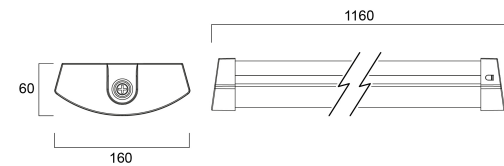
PROTM



DELTAWING 1200 3K DALI is a ceiling and wall surface, suspended LED luminaire with opal diffuser, 1160x160x60mm dimensions, 35W system power, 4,200lm flux and 120lm/W efficacy, CRI (Ra) >80, 3000K (Warm White) CCT, chromaticity tolerance of 3-step MacAdam ellipse, DALI dimmable driver, 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.

Technical Assets

Dimensions (mm)



Photometrics

0.5		1.36	E(0°)	5412	
		1.31	E(C90)	53.8°	584
			E(C)	55.4°	499
1.0		2.71	E(0°)	1925	
		2.61	E(C90)	53.8°	141
			E(C)	55.4°	116
1.5		4.07	E(0°)	621	
		3.92	E(C90)	53.8°	63
			E(C)	55.4°	51
2.0		5.43	E(0°)	335	
		5.22	E(C90)	53.8°	35
			E(C)	55.4°	29
2.5		6.79	E(0°)	215	
		6.53	E(C90)	53.8°	23
			E(C)	55.4°	19
3.0		8.14	E(0°)	150	
		7.83	E(C90)	53.8°	16
			E(C)	55.4°	13
Distance [m]	Cone diameter [m]			Illuminance [lx]	
— C90 - C180 (half beam angle: 112.9°)					
— C90 - C270 (half beam angle: 107.2°)					

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General data

Product name	DELTAWING 1200 3K DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
General application	Office, Education, Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170683
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4200
Luminaire efficacy (lm/W)	120
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	35
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	18
Inrush Duration (µs)	216
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	33
Max. products per 16A C Breaker	27
Max. products per 16A B Breaker	20
Connectable conductor cross section - Min (mm²)	1
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	80000

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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44
IK rating	IK06
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	160
Nominal Product Height (mm)	60
Weight (kg)	1.965

Packaging

Product EAN number	5410288429175
Packaging single length / height (cm)	124.6
Packaging single width (cm)	16.5
Packaging single depth (cm)	6.6
DUN14 (inner)	15410288429172
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