

AREUM WALL D/I 600 4000K EM ALU

Item No: 0042984

SYLVANIA

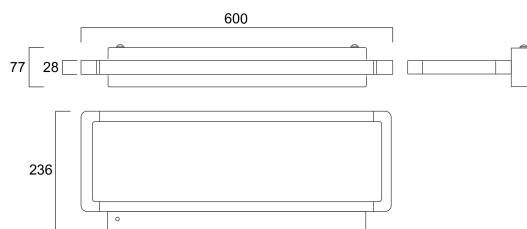
PROTM



AREUM WALL 600 D/I 4000K EM ALU is a highly efficient wall mounted LED luminaire with 40% direct and 60% indirect light distribution. 28mm high aluminium body with rounded edges. Length 600mm, width 200mm. White aluminium RAL9006 powder coated luminaire body and powder coated steel wall mounted gearbox. Low flicker (<5%) Constant Current driver with DIP switch option. 3hrs integrated emergency with LiFePO4 battery. Luminous flux: 5850lm, Power consumption: 47W. Luminaire efficacy: 124lm/W. CRI (Ra)>80 4000K (Neutral White) LED, chromaticity tolerance: SDCM<3. Lifespan: L80B10 100,000h. UGR<16, Luminance at 65°<3000 cd/m2. Photobiological safety risk group 0. Electrical protection: Class I. Glow Wire Test 650°C.

Technical Assets

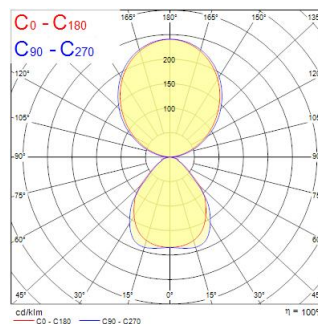
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Beam diameter [mm]
0.5	0.94	0.96	0.94	42.2"	42.2"	1079
1.0	1.88	1.96	1.88	84.4"	84.4"	2158
1.5	2.82	2.94	2.82	126.6"	126.6"	3237
2.0	3.76	3.92	3.76	168.8"	168.8"	4316
2.5	4.70	4.90	4.70	211.0"	211.0"	5365
3.0	5.63	5.88	5.63	253.2"	253.2"	6434

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 90°)
C90 - C270 (Half beam angle: 90°)



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General data

Product name	AREUM WALL D/I 600 4000K EM ALU
Technology	LED
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Wall surface mounted
Built in presence detector	NONE
General application	Office
Operating temperature range (°C)	5°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5850
Luminaire efficacy (lm/W)	122
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	360
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	340

Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	48
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 %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	1050
Inrush Current (A)	21.7
Inrush Duration (µs)	306
Energy Efficiency Class (A->G) of contained light source	B, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	25
Max. products per 16A C Breaker	35
Max. products per 16A B Breaker	35
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	150000
Lifespan L80 B10	100000
Lifespan L90 B10	71000

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Physical data

Housing colour	RAL 9006 - Aluminium
IP rating	IP20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Reflector finish	Not Applicable
Nominal Product Length (mm)	600
Nominal Product Width (mm)	235
Nominal Product Height (mm)	80
Weight (kg)	5.0

Packaging

Product EAN number	5410288429847
Packaging single length / height (cm)	67.5
Packaging single width (cm)	30.1
Packaging single depth (cm)	11.7
DUN14 (inner)	15410288429844
Units per outer package	4
Packaging outer length / height (cm)	69.0
Packaging outer width (cm)	31.6
Packaging outer depth (cm)	49.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-35