

AREUM SUSPENDED 1200 D/I 4000K EM ALU

Code article 0042958

SYLVANIA

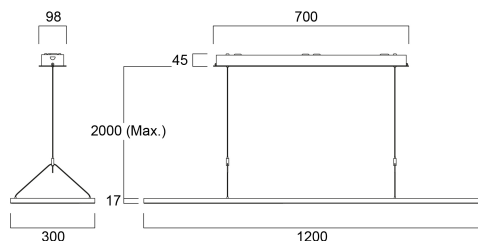
PROTM



AREUM SUSPENDED 1200 D/I 4000K EM ALU is a highly efficient suspended LED luminaire with 70% direct and 30% indirect light distribution. Ultra thin (17mm) aluminium body with rounded edges. Length 1200mm, width 300mm. White aluminium RAL9006 powder coated luminaire body, powder coated steel surface gearbox and Y-shape power feeded suspension cables. Low flicker (<5%) Constant Current driver. 3hrs integrated emergency with LiFePO4 battery. Luminous flux: 5150lm, Power consumption: 42W. Luminaire efficacy: 123lm/W. CRI (Ra)>80 4000K (Neutral White) LED, chromaticity tolerance: SDCM<3. Lifespan: L80B10 57,000h. UGR<19, Luminance at 65°<3000 cd/m². Photobiological safety risk group 0. Electrical protection: Class I. Glow Wire Test 650°C.

Atouts techniques

Dimensions (mm)



Photométrie

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Beam diameter (ft)	Beam diameter (in)
0.5	0.90	90°	0.90	3.28	32.7
1.0	1.81	90°	1.81	6.58	65.4
1.5	2.71	90°	2.71	9.88	98.1
2.0	3.61	90°	3.61	13.12	130.9
2.5	4.52	90°	4.52	16.31	163.1
3.0	5.42	90°	5.42	19.44	194.4
3.5	6.32	90°	6.32	22.57	225.7
4.0	7.22	90°	7.22	25.69	256.9
4.5	8.12	90°	8.12	28.81	288.1
5.0	9.02	90°	9.02	31.94	319.4
5.5	9.92	90°	9.92	35.07	350.7
6.0	10.82	90°	10.82	38.19	381.9
6.5	11.72	90°	11.72	41.32	413.2
7.0	12.62	90°	12.62	44.44	444.4
7.5	13.52	90°	13.52	47.57	475.7
8.0	14.42	90°	14.42	50.69	506.9
8.5	15.32	90°	15.32	53.81	538.1
9.0	16.22	90°	16.22	56.94	569.4
9.5	17.12	90°	17.12	60.07	600.7
10.0	18.02	90°	18.02	63.19	631.9
10.5	18.92	90°	18.92	66.32	663.2
11.0	19.82	90°	19.82	69.44	694.4
11.5	20.72	90°	20.72	72.57	725.7
12.0	21.62	90°	21.62	75.69	756.9
12.5	22.52	90°	22.52	78.81	788.1
13.0	23.42	90°	23.42	81.94	819.4
13.5	24.32	90°	24.32	85.07	850.7
14.0	25.22	90°	25.22	88.19	881.9
14.5	26.12	90°	26.12	91.32	913.2
15.0	27.02	90°	27.02	94.44	944.4
15.5	27.92	90°	27.92	97.57	975.7
16.0	28.82	90°	28.82	100.69	1006.9
16.5	29.72	90°	29.72	103.81	1038.1
17.0	30.62	90°	30.62	106.94	1069.4
17.5	31.52	90°	31.52	110.07	1100.7
18.0	32.42	90°	32.42	113.19	1131.9
18.5	33.32	90°	33.32	116.32	1163.2
19.0	34.22	90°	34.22	119.44	1194.4
19.5	35.12	90°	35.12	122.57	1225.7
20.0	36.02	90°	36.02	125.69	1256.9
20.5	36.92	90°	36.92	128.81	1288.1
21.0	37.82	90°	37.82	131.94	1319.4
21.5	38.72	90°	38.72	135.07	1350.7
22.0	39.62	90°	39.62	138.19	1381.9
22.5	40.52	90°	40.52	141.32	1413.2
23.0	41.42	90°	41.42	144.44	1444.4
23.5	42.32	90°	42.32	147.57	1475.7
24.0	43.22	90°	43.22	150.69	1506.9
24.5	44.12	90°	44.12	153.81	1538.1
25.0	45.02	90°	45.02	156.94	1569.4
25.5	45.92	90°	45.92	160.07	1600.7
26.0	46.82	90°	46.82	163.19	1631.9
26.5	47.72	90°	47.72	166.32	1663.2
27.0	48.62	90°	48.62	169.44	1694.4
27.5	49.52	90°	49.52	172.57	1725.7
28.0	50.42	90°	50.42	175.69	1756.9
28.5	51.32	90°	51.32	178.81	1788.1
29.0	52.22	90°	52.22	181.94	1819.4
29.5	53.12	90°	53.12	185.07	1850.7
30.0	54.02	90°	54.02	188.19	1881.9
30.5	54.92	90°	54.92	191.32	1913.2
31.0	55.82	90°	55.82	194.44	1944.4
31.5	56.72	90°	56.72	197.57	1975.7
32.0	57.62	90°	57.62	200.69	2006.9
32.5	58.52	90°	58.52	203.81	2038.1
33.0	59.42	90°	59.42	206.94	2069.4
33.5	60.32	90°	60.32	210.07	2100.7
34.0	61.22	90°	61.22	213.19	2131.9
34.5	62.12	90°	62.12	216.32	2163.2
35.0	63.02	90°	63.02	219.44	2194.4
35.5	63.92	90°	63.92	222.57	2225.7
36.0	64.82	90°	64.82	225.69	2256.9
36.5	65.72	90°	65.72	228.81	2288.1
37.0	66.62	90°	66.62	231.94	2319.4
37.5	67.52	90°	67.52	235.07	2350.7
38.0	68.42	90°	68.42	238.19	2381.9
38.5	69.32	90°	69.32	241.32	2413.2
39.0	70.22	90°	70.22	244.44	2444.4
39.5	71.12	90°	71.12	247.57	2475.7
40.0	72.02	90°	72.02	250.69	2506.9
40.5	72.92	90°	72.92	253.81	2538.1
41.0	73.82	90°	73.82	256.94	2569.4
41.5	74.72	90°	74.72	260.07	2600.7
42.0	75.62	90°	75.62	263.19	2631.9
42.5	76.52	90°	76.52	266.32	2663.2
43.0	77.42	90°	77.42	269.44	2694.4
43.5	78.32	90°	78.32	272.57	2725.7
44.0	79.22	90°	79.22	275.69	2756.9
44.5	80.12	90°	80.12	278.81	2788.1
45.0	81.02	90°	81.02	281.94	2819.4
45.5	81.92	90°	81.92	285.07	2850.7
46.0	82.82	90°	82.82	288.19	2881.9
46.5	83.72	90°	83.72	291.32	2913.2
47.0	84.62	90°	84.62	294.44	2944.4
47.5	85.52	90°	85.52	297.57	2975.7
48.0	86.42	90°	86.42	300.69	3006.9
48.5	87.32	90°	87.32	303.81	3038.1
49.0	88.22	90°	88.22	306.94	3069.4
49.5	89.12	90°	89.12	310.07	3100.7
50.0	90.02	90°	90.02	313.19	3131.9
50.5	90.92	90°	90.92	316.32	3163.2
51.0	91.82	90°	91.82	319.44	3194.4
51.5	92.72	90°	92.72	322.57	3225.7
52.0	93.62	90°	93.62	325.69	3256.9
52.5	94.52	90°	94.52	328.81	3288.1
53.0	95.42	90°	95.42	331.94	3319.4
53.5	96.32	90°	96.32	335.07	3350.7
54.0	97.22	90°	97.22	338.19	3381.9
54.5	98.12	90°	98.12	341.32	3413.2
55.0	99.02	90°	99.02	344.44	3444.4
55.5	99.92	90°	99.92	347.57	3475.7
56.0	100.82	90°	100.82	350.69	3506.9
56.5	101.72	90°	101.72	353.81	3538.1
57.0	102.62	90°	102.62	356.94	3569.4
57.5	103.52	90°	103.52	360.07	3600.7
58.0	104.42	90°	104.42	363.19	3631.9
58.5	105.32	90°	105.32	366.32	3663.2
59.0	106.22	90°	106.22	369.44	3694.4
59.5	107.12	90°	107.12	372.57	3725.7
60.0	108.02	90°	108.02	375.69	3756.9
60.5	108.92	90°	108.92	378.81	3788.1
61.0	109.82	90°	109.82	381.94	3819.4
61.5	110.72	90°	110.72	385.07	3850.7
62.0	111.62	90°	111.62	388.19	3881.9
62.5	112.52	90°	112.52	391.32	3913.2
63.0	113.42	90°	113.42	394.44	3944.4
63.5	114.32	90°	114.32	397.57	3975.7
64.0	115.22	90°	115.22	400.69	4006.9
64.5	116.12	90°	116.12	403.81	4038.1
65.0	117.02	90°	117.02	406.94	4069.4
65.5	117.92	90°	117.92	410.07	4100.7
66.0	118.82	90°	118.82	413.19	4131.9
66.5	119.72	90°	119.72	416.32	4163.2
67.0	120.62	90°	120.62	419.44	4194.4
67.5	121.52	90°	121.52	422.57	4225.7
68.0	122.42	90°	122.42	425.69	4256.9
68.5	123.32	90°	123.32	428.81	4288.1
69.0	124.22	90°	124.22	431.94	4319.4
69.5	125.12	90°	125.12	435.07	4350.7
70.0	126.02	90°	126.02	438.19	4381.9
70.5	126.92	90°	126.92	441.32	4413.2
71.0	127.82	90°	127.82	444.44	4444.4
71.5	128.72	90°	128.72	447.57	4475.7
72.0	129.62	90°	129.62	450.69	4506.9
72.5	130.52	90°	130.52	453.81	4538.1
73.0	131.42	90°	131.42	456.94	4569.4
73.5	132.32	90°	132.32	460.07	4600.7
74.0	133.22	90°	133.22	463.19	4631.9
74.5	134.12	90°	134.12	466.32	4663.2
75.0	135.02	90°	135.02	469.44	4694.4
75.5	135.92	90°	135.92	472.57	4725.7
76.0	136.82	90°	136.82	475.69	4756.9
76.5	137.72	90°	137.72	478.81	4788.1
77.0	138.62	90°	138.62	481.94	4819.4
77.5	139.52	90°	139.52	485.07	4850.7
78.0	140.42	90°	140.42	488.19	4881.9
78.5	141.32	90°	141.32	491.32	4913.2
79.0	142.22	90°	142.22	494.44	4944.4
79.5	143.12	90°	143.12	497.57	4975.7
80.0	144.02	90°	144.02	500.69	5006.9
80.5	144.92	90°	144.92	503.81	5038.1
81.0	145.82	90°	145.82	506.94	5069.4
81.5	146.72	90°	146.72	510.07	5100.7
82.0	147.62	90°	147.62	513.19	5131.9
82.5	148.52	90°	148.52	516.32	5163.2
83.0	149.42	90°	149.42	519.44	5194.4
83.5	150.32	90°	150.32	522.57	5225.7
84.0	151.22	90°	151.22	525.69	5256.9
84.5	152.12	90°	152.12	528.81	5288.1
85.0	153.02	90°	153.02	531.94	5319.4
85.5	153.92	90°	153.92	535.07	5350.7
86.0	154.82	90°	154.82	538.19	5381.9
86.5	155.72	90°	155.72	541.32	5413.2
87.0	156.62	90°	156.62	544.44	5444.4
87.5	157.52	90°	157.52	547.57	5475.7
88.0	158.42	90°	158.42	550.69	5506.9
88.5	159.32	90°	159.32	553.81	5538.1
89.0	160.22	90°	160.22	556.94	5569.4
89.5	161.12	90°	161.12	560.07	5600.7
90.0	162.02	90°	162.02	563.19	5631.9
90.5	162.92	90°	162.92	566.32	5663.2
91.0	163.82	90°	163.82	569.44	5694.4
91.5	164.72	90°	164.72	572.57	5725.7
92.0	165.62	90°	165.62	575.69	5756.9
92.5	166.52	90°	166.52	578.81	5788.1
93.0	167.42	90°	167.42	581.94	5819.4
93.5	168.32	90°	168.32	585.07	5850.7
94.0	169.22	90°	169.22	588.19	5881.9
94.5	170.12	90°	170.12	591.32	5913.2
95.0	171.02	90°	171.02	594.44	5944.4
95.5	171.92	90°	171.92	597.57	5975.7
96.0	172.82	90°	172.82	600.69	6006.9
96.5	173.72	90°	173.72	603.81	6038.1
97.0	174.62	90°	174.62	606.94	6069.4
97.5	175.52	90°	175.52	610	

AREUM SUSPENDED 1200 D/I 4000K EM ALU

Code article 0042958

SYLVANIA

Données générales

Nom du produit	AREUM SUSPENDED 1200 D/I 4000K EM ALU
Technologie	LED
Cap/Base	N/A
Housing	Aluminium, Steel
Montage	Suspended
Built in presence detector	NONE
General application	Office
Operating temperature range (°C)	5°C...+35°C
Virtual assistant compatibility	N/A
ETIM Class	EC001743
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	5150
Luminaire efficacy (lm/W)	129
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	84
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	360

Caractéristiques électriques

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	43
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
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	1050
Courant d'appel (A)	21.7
Inrush Duration (µs)	306
Energy Efficiency Class (A->G) of contained light source	C
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

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B10	57000

AREUM SUSPENDED 1200 D/I 4000K EM ALU

Code article 0042958



Données physiques

Housing colour	RAL 9006 - Aluminium
IP rating	IP20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Finition réflecteur	Not Applicable
Longueur (mm)	1200
Largeur (mm)	300
Nominal Product Height (mm)	17
Poids (kg)	4.64

Emballage

Product EAN number	5410288429588
Longueur simple de l'emballage (cm)	125.0
Largeur simple de l'emballage (cm)	45.5
Packaging single depth (cm)	6.0
DUN14 (inner)	15410288429585
Units per outer package	1
Packaging outer length / height (cm)	125.0
Packaging outer width (cm)	45.5
Packaging outer depth (cm)	6.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	5-35