

AREUM WALL D/I 600 4000K DALI EM ALU

Artikelnummer 0042985

SYLVANIA

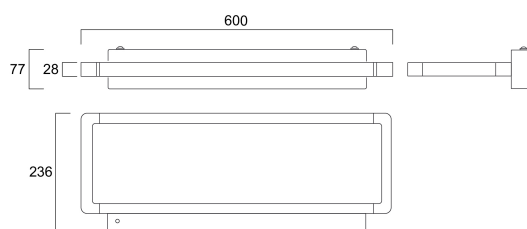
PROTM



AREUM WALL 600 D/I 4000K DALI 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%) DALI dimmable driver. 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.

Technische Werte

Größe (mm)



Photometrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.94	90°	0.94	3.08	4210
	0.96	90°	0.96	3.15	3850
1.0	1.88	90°	1.88	6.16	1050
	1.96	90°	1.96	6.43	970
1.5	2.82	90°	2.82	9.24	470
	2.94	90°	2.94	9.64	430
2.0	3.76	90°	3.76	12.32	270
	3.92	90°	3.92	12.86	250
2.5	4.70	90°	4.70	15.40	170
	4.90	90°	4.90	16.07	155
3.0	5.63	90°	5.63	18.48	120
	5.88	90°	5.88	19.29	110
3.5	6.35	90°	6.35	20.83	90
	6.64	90°	6.64	21.78	83
4.0	6.99	90°	6.99	22.92	75
	7.30	90°	7.30	23.95	69
4.5	7.26	90°	7.26	23.81	67
	7.60	90°	7.60	24.93	62
5.0	7.54	90°	7.54	24.74	60
	7.91	90°	7.91	25.93	56
5.5	7.46	90°	7.46	24.47	58
	7.86	90°	7.86	25.77	54
6.0	7.37	90°	7.37	24.18	56
	7.80	90°	7.80	25.59	52
6.5	7.27	90°	7.27	23.85	58
	7.73	90°	7.73	25.36	54
7.0	7.16	90°	7.16	23.49	60
	7.64	90°	7.64	25.07	56
7.5	7.04	90°	7.04	23.09	62
	7.54	90°	7.54	24.74	58
8.0	6.91	90°	6.91	22.67	64
	7.43	90°	7.43	24.38	60
8.5	6.78	90°	6.78	22.25	66
	7.32	90°	7.32	24.01	62
9.0	6.64	90°	6.64	21.78	68
	7.19	90°	7.19	23.57	64
9.5	6.50	90°	6.50	21.33	70
	7.06	90°	7.06	23.17	66
10.0	6.35	90°	6.35	20.83	72
	6.93	90°	6.93	22.73	68
10.5	6.23	90°	6.23	20.44	74
	6.82	90°	6.82	22.37	70
11.0	6.10	90°	6.10	20.00	76
	6.70	90°	6.70	22.00	72
11.5	5.98	90°	5.98	19.59	78
	6.59	90°	6.59	21.61	74
12.0	5.85	90°	5.85	19.19	80
	6.47	90°	6.47	21.23	76
12.5	5.73	90°	5.73	18.78	82
	6.36	90°	6.36	20.85	78
13.0	5.63	90°	5.63	18.48	84
	6.26	90°	6.26	20.55	80
13.5	5.52	90°	5.52	18.10	86
	6.16	90°	6.16	20.24	82
14.0	5.42	90°	5.42	17.75	88
	6.06	90°	6.06	19.95	84
14.5	5.32	90°	5.32	17.42	90
	5.97	90°	5.97	19.63	86
15.0	5.22	90°	5.22	17.10	92
	5.88	90°	5.88	19.32	88
15.5	5.13	90°	5.13	16.79	94
	5.79	90°	5.79	19.02	90
16.0	5.04	90°	5.04	16.49	96
	5.70	90°	5.70	18.72	92
16.5	4.95	90°	4.95	16.20	98
	5.61	90°	5.61	18.43	94
17.0	4.86	90°	4.86	15.92	100
	5.52	90°	5.52	18.14	96
17.5	4.78	90°	4.78	15.64	102
	5.44	90°	5.44	17.86	98
18.0	4.69	90°	4.69	15.37	104
	5.36	90°	5.36	17.58	100
18.5	4.61	90°	4.61	15.10	106
	5.28	90°	5.28	17.31	102
19.0	4.53	90°	4.53	14.84	108
	5.20	90°	5.20	17.04	104
19.5	4.45	90°	4.45	14.58	110
	5.12	90°	5.12	16.78	106
20.0	4.37	90°	4.37	14.33	112
	5.04	90°	5.04	16.52	108
20.5	4.29	90°	4.29	14.08	114
	4.96	90°	4.96	16.27	110
21.0	4.21	90°	4.21	13.83	116
	4.88	90°	4.88	16.02	112
21.5	4.13	90°	4.13	13.59	118
	4.80	90°	4.80	15.77	114
22.0	4.05	90°	4.05	13.35	120
	4.72	90°	4.72	15.53	116
22.5	3.97	90°	3.97	13.11	122
	4.64	90°	4.64	15.29	118
23.0	3.89	90°	3.89	12.87	124
	4.56	90°	4.56	15.05	120
23.5	3.81	90°	3.81	12.64	126
	4.48	90°	4.48	14.81	122
24.0	3.73	90°	3.73	12.40	128
	4.40	90°	4.40	14.57	124
24.5	3.65	90°	3.65	12.17	130
	4.32	90°	4.32	14.33	126
25.0	3.57	90°	3.57	11.93	132
	4.24	90°	4.24	14.09	128
25.5	3.49	90°	3.49	11.69	134
	4.16	90°	4.16	13.85	130
26.0	3.41	90°	3.41	11.46	136
	4.08	90°	4.08	13.61	132
26.5	3.33	90°	3.33	11.22	138
	4.00	90°	4.00	13.37	134
27.0	3.25	90°	3.25	11.00	140
	3.92	90°	3.92	13.13	136
27.5	3.17	90°	3.17	10.76	142
	3.84	90°	3.84	12.89	138
28.0	3.09	90°	3.09	10.53	144
	3.76	90°	3.76	12.65	140
28.5	3.01	90°	3.01	10.30	146
	3.68	90°	3.68	12.41	142
29.0	2.93	90°	2.93	10.07	148
	3.60	90°	3.60	12.17	144
29.5	2.85	90°	2.85	9.83	150
	3.52	90°	3.52	11.93	146
30.0	2.77	90°	2.77	9.60	152
	3.44	90°	3.44	11.69	148
30.5	2.69	90°	2.69	9.37	154
	3.36	90°	3.36	11.45	150
31.0	2.61	90°	2.61	9.14	156
	3.28	90°	3.28	11.21	152
31.5	2.53	90°	2.53	8.91	158
	3.20	90°	3.20	10.97	154
32.0	2.45	90°	2.45	8.68	160
	3.12	90°	3.12	10.73	156
32.5	2.37	90°	2.37	8.45	162
	3.04	90°	3.04	10.49	158
33.0	2.29	90°	2.29	8.22	164
	2.96	90°	2.96	10.25	160
33.5	2.21	90°	2.21	8.00	166
	2.88	90°	2.88	10.01	162
34.0	2.13	90°	2.13	7.76	168
	2.80	90°	2.80	9.77	164
34.5	2.05	90°	2.05	7.54	170
	2.72	90°	2.72	9.53	166
35.0	1.97	90°	1.97	7.31	172
	2.64	90°	2.64	9.29	168
35.5	1.89	90°	1.89	7.08	174
	2.56	90°	2.56	9.05	170
36.0	1.81	90°	1.81	6.85	176
	2.48	90°	2.48	8.81	172
36.5	1.73	90°	1.73	6.63	178
	2.40	90°	2.40	8.57	174
37.0	1.65	90°	1.65	6.40	180
	2.32	90°	2.32	8.33	176
37.5	1.57	90°	1.57	6.18	182
	2.24	90°	2.24	8.09	178
38.0	1.49	90°	1.49	5.95	184
	2.16	90°	2.16	7.85	180
38.5	1.41	90°	1.41	5.73	186
	2.08	90°	2.08	7.61	182
39.0	1.33	90°	1.33	5.50	188
	2.00	90°	2.00	7.37	184
39.5	1.25	90°	1.25	5.28	190
	1.92	90°	1.92	7.13	186
40.0	1.17	90°	1.17	5.05	192
	1.84	90°	1.84	6.89	188
40.5	1.09	90°	1.09	4.83	194
	1.76	90°	1.76	6.65	190
41.0	1.01	90°	1.01	4.60	196
	1.68	90°	1.68	6.41	192
41.5	0.93	90°	0.93	4.38	200
	1.60	90°	1.60	6.17	194
42.0	0.85	90°	0.85	4.15	204
	1.52	90°	1.52	5.93	196
42.5	0.77	90°	0.77	3.93	208
	1.44	90°	1.44	5.69	198
43.0	0.69	90°	0.69	3.70	212
	1.36	90°	1.36	5.45	200
43.5	0.61	90°	0.61	3.48	216
	1.28	90°	1.28	5.21	202
44.0	0.53	90°	0.53	3.25	220
	1.20	90°	1.20	4.97	204
44.5	0.45	90°	0.45	3.03	224
	1.12	90°	1.12	4.73	206
45.0	0.37	90°	0.37	2.80	228
	1.04	90°	1.04	4.49	208
45.5	0.29	90°	0.29	2.58	232
	0.96	90°	0.96	4.25	210
46.0	0.21	90°	0.21	2.35	236
	0.88	90°	0.88	4.01	212
46.5	0.13	90°	0.13	2.13	240
	0.80	90°	0.80	3.77	214
47.0	0.05	90°	0.05	1.90	244
	0.72	90°	0.72	3.53	216
47.5	0.00	90°	0.00	1.68	248
	0.64	90°	0.64	3.29	218
48.0	0.00	90°	0.00	1.45	252
	0.56	90°	0.56	3.05	220
48.5	0.00	90°	0.00	1.23	256
	0.48	90°	0.48	2.81	222
49.0	0.00	90°	0.00	1.00	260
	0.40	90°	0.40	2.57	224
49.5	0.00	90°	0.00	0.78	264
	0.32	90°	0.32	2.33	226
50.0	0.00	90°	0.00	0.55	268
	0.24	90°	0.24	2.09	228
50.5	0.00	90°	0.00	0.33	272
	0.16	90°	0.16	1.85	230
51.0	0.00	90°	0.00	0.10	276
	0.08	90°	0.08	1.61	232
51.5	0.00	90°	0.00	0.00	280
	0.00	90°	0.00	1.39	234
52.0	0.00	90°	0.00	0.00	284
	0.00	90°	0.00	1.16	236
52.5	0.00	90°	0.00	0.00	288
	0.00	90°	0.00	0.94	238
53.0	0.00	90°	0.00	0.00	292
	0.00	90°	0.00	0.72	240
53.5	0.00	90°	0.00	0.00	296
	0.00	90°	0.00	0.50	242
54.0	0.00	90°	0.00	0.00	300
	0.00	90°	0.00	0.28	244
54.5	0.00	90°	0.00	0.00	304
	0.00	90°	0.00	0.06	246
55.0	0.00	90°	0.00	0.00	308
	0.00	90°	0.00	0.00	248
55.5	0.00	90°	0.00	0.00	312
	0.00	90°	0.00	0.00	250
56.0	0.00	90°	0.00	0.00	316
	0.00	90°	0.00	0.00	252
56.5	0.00	90°	0.00	0.00	320
	0.00	90°	0.00	0.00	254
57.0	0.00	90°	0.00	0.00	324
	0.00	90°	0.00	0.00	256
57.5	0.00	90°	0.00	0.00	328
	0.00	90°			

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Allgemeine Daten

Produktname	AREUM WALL D/I 600 4000K DALI EM ALU
Technologie	LED
Sockel	N/A
Gehäuse	Aluminium, Steel
Montage	Wall surface mounted
Built in presence detector	NONE
Allgemeine Anwendungsbereiche	Office
Umgebungstemperaturbereich	5°C...+35°C
Virtual assistant compatibility	N/A
ETIM Klasse	EC002892
Garantie	5 Jahre

Optische Daten

Leuchtenlichtstrom (lm)	5850
Systemeffizienz (lm/W)	122
Farbtemperatur (K)	4000
Lichtfarbe	Neutral White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Ausstrahlungswinkel (°)	360
Distributionstyp	Symmetric
Blendungsbegrenzung	< 16
Photobiological Risk Group	RG0
Dauer Notbeleuchtung (h)	3

Elektrische Daten

Leistungsaufnahme gesamt (W)	48
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Leistungsfaktor der Lampe	0.9
THD (bei 230V, 50Hz, bei 100% Dimm-Level)	20.0
Elektrische Schutzklasse	Class I
Betriebsgerätetyp	LED driver constant current
Dimmbar	Yes
Dimming method	DALI-2
Stromstärke (mA)	1050
Einschaltstrom (A)	80
Dauer Einschaltstrom (µs)	350
Energy Efficiency Class (A->G) of contained light source	B, C(more than 1 Light Source)
Nennfrequenz (Hz)	50/60Hz
Max. Anzahl Leuchten pro 10A C Sicherung	25
Max. Anzahl Leuchten pro 16A C Sicherung	35
Max. Anzahl Leuchten pro 16A B Sicherung	35
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lebensdauer - L70B50	150000
Lebensdauer - L80B10	100000
Lebensdauer - L90B10	71000

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Physikalische Daten

Gehäusefarbe	RAL 9006 - Aluminium
IP Schutzart	IP20
IK Schutzart	IK03
Diffusor	Prismatic
Diffusormaterial	PMMA Acrylic
Reflektoroberfläche	Not Applicable
Länge (mm)	600
Breite (mm)	235
Nominale Produkthöhe (mm)	80
Gewicht (kg)	5.0

Packaging

EAN Code	5410288429854
Einzelverpackung Länge (cm)	67.5
Einzelverpackung Breite (cm)	30.1
Einzelverpackung Tiefe (cm)	11.7
DUN 14 (außen)	15410288429851
Anzahl an Einheiten je Außenverpackung	4
Außenverpackung Länge (cm)	69.0
Außenverpackung Breite (cm)	31.6
Außenverpackung Tiefe (cm)	49.0

Safety data

Glühdrahttest (°C)	650
Optimale Betriebstemperatur (°C)	5-35