

Les produits d'éclairage

AimLite

Lighting Products

Filename: M1R-W-LA1-2-40K

Manufacturer: AIMLITE LIGHTING PRODUCTS

Luminaire: M1R-W-LA1-2/40K

Luminaire Cat: M1R-W-LA1-2/40K

Lamp: SAMSUNG 561B 48PCS

Lamp Cat: SAMSUNG 561B

Lamp Output: Total luminaire Lumens: 1539.2

Max Candela: 547.4 at Horizontal: 5°, Vertical: 22.5°

Input Wattage: 20.2

Luminous Opening: Point

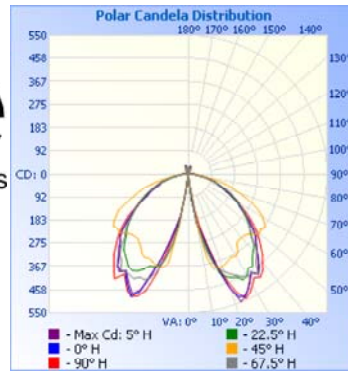
Test: Q2016112101-A (scaled to 4K)

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 5 X 7



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	310.2	20.2%
0-40	580.6	37.7%
0-60	1,125.1	73.1%
60-90	355.2	23.1%
70-100	167.2	10.9%
90-120	21.7	1.4%
0-90	1,480.3	96.2%
90-180	58.9	3.8%
0-180	1,539.2	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.4	0.4%	90-100	12.7	0.8%
10-20	97.5	6.3%	100-110	4.9	0.3%
20-30	206.4	13.4%	110-120	4.1	0.3%
30-40	270.4	17.6%	120-130	5.0	0.3%
40-50	284.7	18.5%	130-140	6.3	0.4%
50-60	259.8	16.9%	140-150	7.8	0.5%
60-70	200.7	13.0%	150-160	9.9	0.6%
70-80	116.9	7.6%	160-170	7.3	0.5%
80-90	37.6	2.4%	170-180	1.0	0.1%



Coefficients Of Utilization - Zonal Cavity Method

		Effective Floor Cavity Reflectance: 20%									
RCC %:		80	70	50	30	10	0				
RW %:		20	50	30	0	20	50	30	0	20	50
RCR:	0	1.18	1.18	1.18	1.18	1.15	1.15	1.15	1.15	1.09	1.09
1	1.07	1.02	.97	.93	1.04	.99	.95	.80	.94	.91	.88
2	.97	.88	.81	.75	.94	.86	.79	.66	.81	.76	.71
3	.87	.76	.68	.61	.85	.74	.66	.55	.71	.64	.58
4	.80	.67	.58	.51	.77	.65	.57	.46	.62	.55	.49
5	.73	.59	.50	.43	.70	.58	.49	.39	.55	.47	.41
6	.67	.53	.43	.36	.64	.51	.43	.34	.49	.41	.35
7	.61	.47	.38	.32	.59	.46	.37	.30	.44	.36	.31
8	.57	.43	.34	.28	.55	.42	.33	.26	.40	.32	.27
9	.53	.39	.30	.24	.51	.38	.30	.23	.36	.29	.24
10	.49	.35	.27	.22	.48	.35	.27	.20	.33	.26	.21

Candela Table - Type C

	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	55	57.5	60	62.5	65	67.5	70	72.5	75	77.5	80	82.5	85	87.5	90	92.5	95	97.5	100	102.5	105		
0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
2.5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
7.5	105	105	104	103	102	101	100	98	97	95	94	85	77	68	60	55	50	45	40	38	35	33	30	30	31	31	31	31	32	32	33	33	37	41	45	48	42	36	30	24	25	27	28	30	4
10	207	202	198	199	201	202	203	202	201	199	198	197	196	195	194	197	200	204	207	199	191	184	176	175	174	173	172	170	169	167	166	159	153	146	140	142	145	148	150	148	146	143	141		
12.5	240	236	232	237	241	245	250	253	257	261	265	275	286	297	308	316	324	332	339	339	339	338	338	329	321	312	304	294	284	274	264	252	241	230	219	218	218	218	218	224	230	237	243		
15	309	308	307	311	314	317	320	327	333	339	345	352	358	365	371	376	380	384	389	388	387	387	386	380	373	367	361	352	344	336	327	318	310	301	292	293	294	295	296	302	308	314	320		
17.5	407	398	389	391	393	396	398	401	405	409	413	408	403	397	392	392	392	392	390	389	388	387	389	391	394	396	394	392	390	388	386	383	381	378	381	384	387	390	386	383	380	376			
20	476	475	473	470	467	464	461	452	443	433	424	417	409	401	394	393	392	391	391	389	388	387	386	390	395	399	404	411	418	425	432	437	442	447	452	450	448	446	444	444	443	442	441		
22.5	527	537	547	531	515	499	483	470	457	445	432	422	411	401	391	390	388	387	385	385	386	386	386	394	402	410	418	429	440	451	461	474	486	498	510	509	509	508	508	499	490	481	472		
25	532	534	536	526	517	507	497	482	467	452	436	427	418	409	399	394	389	383	378	380	383	385	387	398	409	420	431	443	455	467	479	496	512	529	545	544	543	542	541	527	514	501	488		
27.5	514	513	513	512	512	511	498	485	472	459	444	429	415	400	393	386	379	372	381	390	399	409	417	425	433	441	459	477	495	514	519	524	529	535	532	530	528	525	522	519	515	512			
30	490	489	488	490	492	494	496	486	476	467	457	440	424	407	391	387	383	380	376	385	393	401	410	422	435	448	461	471	482	492	502	506	510	514	517	513	508	503	498	496	493	490	487		
32.5	462	463	464	468	472	477	481	468	456	443	431	420	409	398	387	382	377	373	368	377	386	395	404	417	430	444	457	466	476	486	495	494	493	492	492	489	487	485	482	482	481	480	479		
35	487	486	485	483	482	481	480	468	457	446	434	423	412	401	390	376	363	349	336	354	373	391	409	425	441	457	473	484	494	504	514	511	508	505	503	501	499	497	496	494	492	490	488		
37.5	461	459	458	459	461	462	463	448	432	417	402	393	384	374	365	356	347	338	329	343	357	371	385	395	405	414	424	441	458	475	493	490	487	485	482	484	485	487	488	486	483	481	478		
40	431	430	430	433	436	439	442	428	414	400	386	382	377	373	369	359	349	340	330	340	349	359	369	380	390	401	412	422	432	443	453	453	453	453	455	457	460	462	461	459	458	456			
42.5	402	402	403	403	403	404	404	398	393	388	382	379	376	373	370	360	350	341	331	340	350	359	368	375	381	387	393	400	408	416	424	427	429	432	435	435	436	436	437	430	424	418	411		
45	380	379	378	374	369	365	360	359	357	356	354	357	360	362	365	358	352	345	339	346	354	362	370	363	356	349	342	353	363	373	384	390	397	403	410	408	407	406	404	400	395	391	386		
47.5	363	362	361	350	338	327	315	321	328	334	340	346	353	359	365	362	359	356	354	357	360	362	365	355	345	335	325	333	341	350	358	363	369	375	380	380	380	380	380	375	370	365	360		
50	334	332	330	321	312	303	294	301	308	315	322	331	340	349	358	361	363	366	369	365	361	357	352	343	333	323	313	314	316	318	319	328	337	346	355	355	354	354	353	347	340	334	328		
52.5	302	305	308	300	292	284	276	282	289	295	301	313	325	337	349	352	355	359	362	356	351	346	340	328	317	305	293	289	285	282	278	289	301	313	324	324	324	324	323	311	299	286	274		

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Reported data calculated from manufacturer's data file, based on IES recommended methods.