

Les produits d'éclairage

AimLite

Lighting Products

Filename: M1R-W-LA1-2-50K

Manufacturer: AIMLITE LIGHTING PRODUCTS

Luminaire: M1R-W-LA1-2/50K

Luminaire Cat: M1R-W-LA1-2/50K

Lamp: SAMSUNG 561B 48PCS

Lamp Cat: SAMSUNG 561B

Lamp Output: Total luminaire Lumens: 1603.4

Max Candela: 570.2 at Horizontal: 5°, Vertical: 22.5°

Input Wattage: 20.2

Luminous Opening: Point

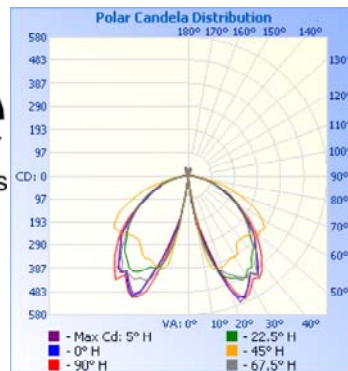
Test: Q2016112101-A

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 5 X 7



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	323.2	20.2%
0-40	604.8	37.7%
0-60	1,172.0	73.1%
60-90	370.0	23.1%
70-100	174.1	10.9%
90-120	22.6	1.4%
0-90	1,542.0	96.2%
90-180	61.4	3.8%
0-180	1,603.4	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.7	0.4%	90-100	13.2	0.8%
10-20	101.5	6.3%	100-110	5.1	0.3%
20-30	215.0	13.4%	110-120	4.3	0.3%
30-40	281.7	17.6%	120-130	5.2	0.3%
40-50	296.6	18.5%	130-140	6.5	0.4%
50-60	270.6	16.9%	140-150	8.1	0.5%
60-70	209.1	13.0%	150-160	10.3	0.6%
70-80	121.8	7.6%	160-170	7.6	0.5%
80-90	39.1	2.4%	170-180	1.1	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 50 30 20 50 30 20 0
RCR: 0	1.18 1.18 1.18 1.18 1.15 1.15 1.15 .96 1.09 1.09 1.09 1.04 1.04 1.04 .99 .99 .99 .96
1	1.07 1.02 .97 .93 1.04 .99 .95 .80 .94 .91 .88 .90 .87 .84 .85 .83 .81 .79
2	.97 .88 .81 .75 .94 .86 .79 .66 .81 .76 .71 .78 .73 .69 .74 .70 .67 .64
3	.87 .76 .68 .61 .85 .74 .66 .55 .71 .64 .58 .68 .62 .57 .64 .60 .55 .53
4	.80 .67 .58 .51 .77 .65 .57 .46 .62 .55 .49 .59 .53 .48 .57 .51 .47 .44
5	.73 .59 .50 .43 .70 .58 .49 .39 .55 .47 .41 .53 .46 .41 .50 .44 .40 .37
6	.67 .53 .43 .36 .64 .51 .43 .34 .49 .41 .35 .47 .40 .35 .45 .39 .34 .32
7	.61 .47 .38 .32 .59 .46 .37 .30 .44 .36 .31 .42 .35 .30 .41 .35 .30 .28
8	.57 .43 .34 .28 .55 .42 .33 .26 .40 .32 .27 .38 .32 .27 .37 .31 .26 .24
9	.53 .39 .30 .24 .51 .38 .30 .23 .36 .29 .24 .35 .28 .23 .34 .28 .23 .21
10	.49 .35 .27 .22 .48 .35 .27 .20 .33 .26 .21 .32 .26 .21 .31 .25 .21 .19

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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
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	4	4	4		
7.5	110	109	109	107	106	105	104	102	101	99	98	89	80	71	62	57	52	47	42	39	37	34	31	32	32	32	33	33	34	34	35	39	43	46	50	44	37	31	25	26	28	29	31						
10	215	211	206	208	209	210	212	210	209	208	206	205	204	203	202	206	209	212	215	207	199	191	183	182	181	180	179	178	176	174	173	166	159	152	145	148	151	154	157	154	152	149	146						
12.5	250	246	242	246	251	256	260	264	268	272	276	287	298	310	321	329	337	345	354	353	353	352	352	343	334	325	316	306	295	285	275	263	251	239	228	227	227	227	227	233	240	246	253						
15	322	321	320	323	327	330	334	340	347	353	360	367	373	380	387	391	396	401	405	404	403	403	402	395	389	382	376	367	358	350	341	332	322	313	304	305	306	307	308	314	321	327	334						
17.5	424	415	405	408	410	412	414	418	422	426	430	425	419	414	408	408	408	408	408	407	406	404	403	405	408	410	412	410	408	406	404	402	399	396	394	397	400	403	406	402	399	396	392						
20	496	494	493	490	486	483	480	471	461	451	442	434	426	418	410	409	409	408	407	406	404	403	402	407	411	416	421	428	435	443	450	455	460	465	471	469	467	465	463	462	461	460	459						
22.5	549	560	570	553	537	520	503	490	476	463	450	439	428	418	407	406	404	403	401	402	402	402	402	410	419	427	436	447	458	469	481	493	506	519	531	531	530	530	529	520	510	501	491						
25	555	556	558	548	538	528	518	502	486	470	454	445	435	426	416	410	405	399	393	396	399	401	404	415	426	437	449	461	474	487	499	516	534	551	568	567	566	564	563	549	536	522	508						
27.5	535	535	535	534	534	533	533	519	505	492	478	463	447	432	416	409	402	395	387	397	407	416	426	434	442	451	459	478	497	516	535	541	546	551	557	555	552	550	547	544	540	537	533						
30	510	509	509	511	512	514	516	506	496	486	476	459	441	424	407	403	399	396	392	401	409	418	427	440	453	467	480	491	502	513	523	527	531	535	539	534	529	524	519	516	513	510	508						
32.5	482	482	483	487	492	496	501	488	475	462	449	438	426	415	403	398	393	388	383	393	402	412	421	435	448	462	476	486	496	506	516	515	514	513	512	510	507	505	503	502	501	500	499						
35	507	506	505	504	502	501	500	488	476	464	452	441	429	417	406	392	378	364	350	369	388	407	426	443	460	476	493	504	514	525	535	532	529	527	524	522	520	518	516	514	512	510	508						
37.5	480	479	477	478	480	481	483	467	451	434	418	409	400	390	381	371	362	352	343	358	372	387	402	411	421	431	441	459	477	495	513	510	508	505	502	504	505	507	509	506	503	501	498						
40	449	448	448	451	454	457	460	446	431	417	402	398	393	389	384	374	364	354	344	354	364	374	384	395	407	418	429	440	450	461	472	472	472	472	471	474	477	479	482	480	478	477	475						
42.5	418	419	420	420	420	420	421	415	409	404	398	395	389	388	385	375	365	355	345	354	364	374	384	390	396	403	409	417	425	433	442	445	447	450	453	454	454	455	448	442	435	429							
45	396	395	394	389	384	380	375	374	372	370	369	372	374	377	380	373	367	360	353	361	369	377	385	378	371	364	357	367	378	389	400	406	413	420	427	425	424	423	421	416	412	407	402						
47.5	378	377	377	376	352	340	328	335	341	348	354	361	367	374	380	377	374	371	368	371	374	378	381	374	378	381	379	359	349	338	347	355	364	373	379	384	390	396	396	396	396	396	396	386	380	375			
50	348	346	344	343	325	316	307	314	321	328	335	345	354	364	373	376	379	381	384	380	376	371	367	357	346	336	326	327	329	331	332	342	351	361	370	369	369	368	368	361	355	348	341						
52.5	315	318	321	313	305	296	288	294	301	307	314	326	339	351	364	367	370	373	377	371	365	360	354	342	330	318	305	301	297	293	289	301	314	326	338	337	337	337	337	337	337	324	311	298	286				

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