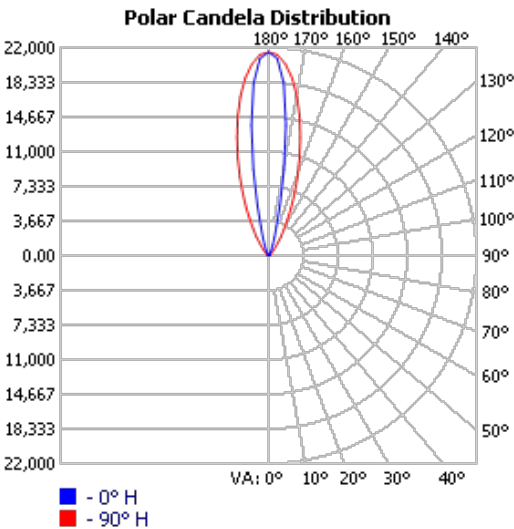


OUTDOOR PHOTOMETRIC REPORT

CATALOG: LA-60002-E-W40

MANUFACTURER: LIGMAN  
TEST #: LIGMAN  
TEST LAB: LIGMAN LIGHTING PHOTOMETRIC LABORATORY  
CATALOG: LA-60002-E-W40  
DESCRIPTION: LIGHTALK 1 INGROUND LUMINAIRE LED  
LAMP: 2X18 LED 4000K 0.3799,0.3706 3990K RA71  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 5150.2, ABSOLUTE PHOTOMETRY \*  
INPUT WATTAGE: 56.2  
LUMINOUS OPENING: RECTANGLE (L: 1.38", W: 47.24")  
MAX CD: 21,548.8 AT HORIZONTAL: 0°, VERTICAL: 180°  
ROADWAY CLASS: UNCLASSIFIED, UNCLASSIFIED



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0-30	0.000	0%
0-40	0.000	0%
0-60	0.000	0%
60-90	0.000	0%
70-100	1.1	0%
90-120	25.4	0.5%
0-90	0.000	0%
90-180	5,150.2	100%
0-180	5,150.2	100%

\*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.  
\*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.  
\*\*\*FILE HAS 0% DOWNLIGHT, SOME SELECTED PLOTS ARE NOT AVAILABLE.

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2017, ACUITY BRANDS LIGHTING.  
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**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: LA-60002-E-W40

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	0.000	0.0%	90-100	1.1	0%
10-20	0.000	0.0%	100-110	5.7	0.1%
20-30	0.000	0.0%	110-120	18.6	0.4%
30-40	0.000	0.0%	120-130	43.6	0.8%
40-50	0.000	0.0%	130-140	110.2	2.1%
50-60	0.000	0.0%	140-150	331.5	6.4%
60-70	0.000	0.0%	150-160	956.9	18.6%
70-80	0.000	0.0%	160-170	2,046.0	39.7%
80-90	0.000	0.0%	170-180	1,636.4	31.8%

**ROADWAY SUMMARY****DISTRIBUTION:**UNCLASSIFIED,  
UNCLASSIFIED

MAX CD, 90 DEG VERT:		0.4
MAX CD, 80 TO <90 DEG:		0.000
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	66,415.9	1289.6%
DOWNWARD HOUSE SIDE:	66,415.9	1289.6%
DOWNWARD TOTAL:	132,831.7	2579.2%
UPWARD STREET SIDE:	2,581.3	50.1%
UPWARD HOUSE SIDE:	2,581.3	50.1%
UPWARD TOTAL:	5,162.7	100.2%
TOTAL LUMENS:	137,994.4	2679.4%

**LCS TABLE****BUG RATING****B5 - U5 - G5**

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	8,898.0	172.8%
MEDIUM(30-60):	24,309.9	472%
HIGH(60-80):	21,674.9	420.9%
VERY HIGH(80-90):	11,533.0	223.9%
<b>BACK LIGHT</b>		
LOW(0-30):	8,898.0	172.8%
MEDIUM(30-60):	24,309.9	472%
HIGH(60-80):	21,674.9	420.9%
VERY HIGH(80-90):	11,533.0	223.9%
<b>UPLIGHT</b>		
LOW(90-100):	1.1	0%
HIGH(100-180):	5,161.5	100.2%
<b>TRAPPED LIGHT:</b>	0.000	0%

**OUTDOOR PHOTOMETRIC REPORT**

CATALOG: LA-60002-E-W40

**CANDELA TABLE - TYPE C**

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	8
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
100	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	
105	3	3	3	3	3	3	3	3	3	3	3	3	4	6	7	9	10	
110	4	4	4	4	4	4	4	4	4	5	7	8	10	14	17	20	22	
115	5	6	6	6	6	6	8	9	11	13	14	16	23	30	33	36	38	
120	12	12	12	13	13	15	16	18	19	21	25	36	44	48	51	54	57	
125	19	19	20	20	21	22	24	26	30	38	48	56	63	70	76	80	84	
130	27	28	28	29	30	33	37	42	48	56	65	76	91	108	126	141	156	
135	40	40	41	43	45	48	52	58	67	76	88	111	143	180	221	271	328	
140	57	58	58	61	64	70	78	84	93	108	143	192	254	326	421	555	703	
145	90	93	93	96	101	107	114	130	159	211	284	372	481	631	863	1163	1459	1
150	148	150	152	159	173	194	238	301	386	493	610	764	987	1338	1827	2368	2847	3
155	386	398	411	458	516	587	692	806	940	1104	1324	1663	2203	2925	3724	4499	5109	5
160	1272	1288	1326	1382	1468	1572	1702	1885	2150	2519	3086	3886	4842	5902	6919	7789	8432	8
165	3155	3199	3261	3392	3593	3878	4263	4786	5462	6287	7229	8268	9312	10402	11344	12093	12590	12
170	9297	9391	9494	9752	10091	10486	10979	11561	12183	12937	13690	14412	15171	15816	16304	16729	16953	17
175	18309	18414	18450	18538	18690	18858	19013	19187	19342	19591	19756	19882	20018	20139	20236	20274	20342	20
180	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21549	21!