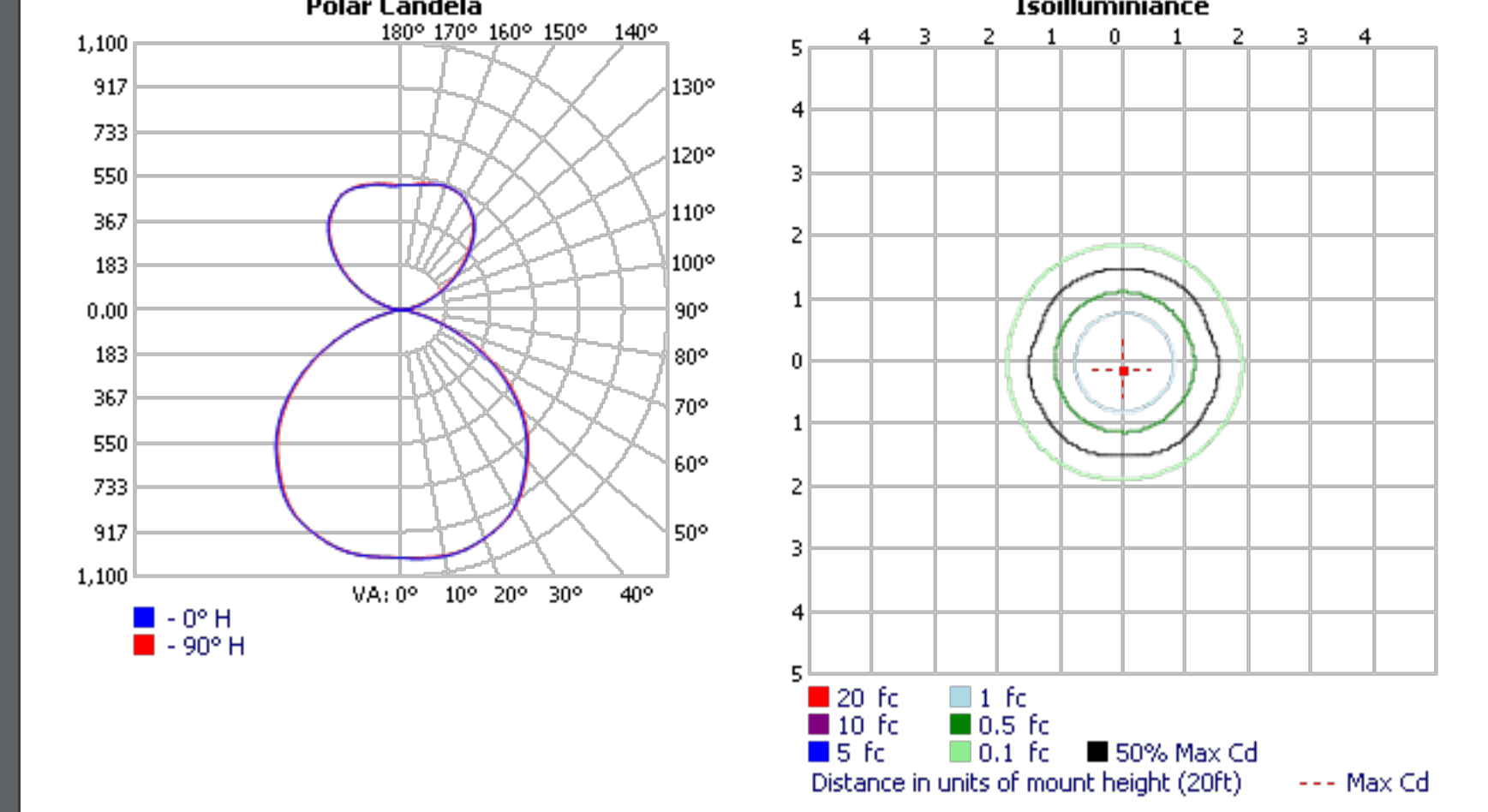


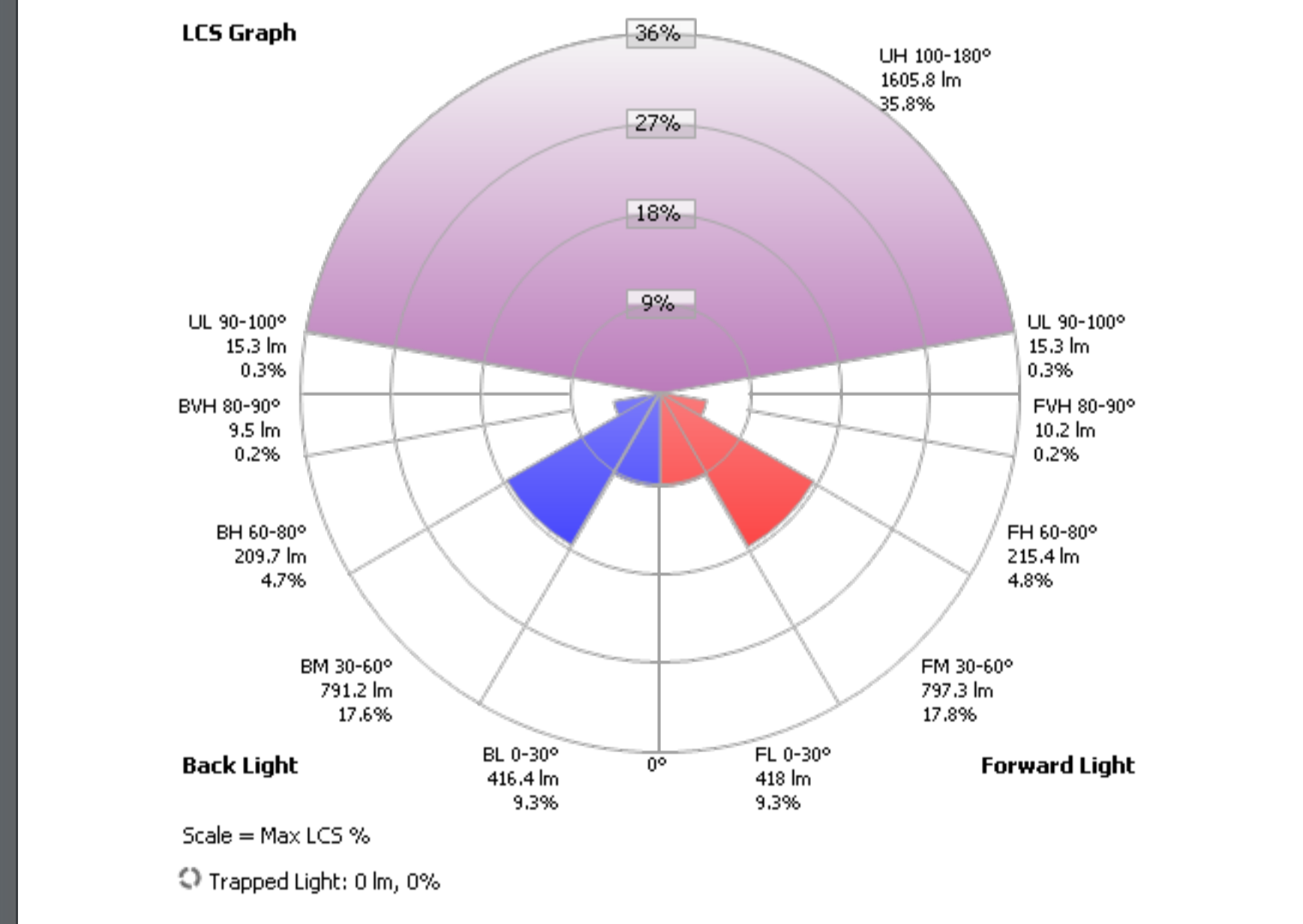
Manufacturer: Unknown
 Test #: LM-79-08
 Test Lab: Orb Opttronix, Inc.
 Description: No
 Lamp Output: Total luminaire Lumens: 4487.2, absolute photometry *
 Input Wattage: 0
 Luminous Opening: Vertical Cylinder (Dia : 24", H: 12")
 Max Cd: 1,032.8 at Horizontal: 0°, Vertical: 10°
 Roadway Class: Type VS
 Photo Available



*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.
 *CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.
 VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2020, ACUITY BRANDS LIGHTING.
 THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.
 LM-79-08
 VISUAL PHOTOMETRIC TOOL
 PAGE 1 OF 4

Zonal Lumen Summary			Lumens Per Zone					
Zone	Lumens	% Luminaire	Zone	Lumens	% Total	Zone	Lumens	% Total
0-30	834.0	18.6%	0-10	97.9	2.2%	90-100	15.3	0.3%
0-40	1,379.5	30.7%	10-20	287.8	6.4%	100-110	78.6	1.8%
0-60	2,421.6	54%	20-30	448.3	10.0%	110-120	176.9	3.9%
60-90	445.6	9.9%	30-40	545.5	12.2%	120-130	268.5	6%
70-100	150.9	3.4%	40-50	561.0	12.5%	130-140	320.3	7.1%
90-120	270.8	6%	50-60	481.0	10.7%	140-150	311.0	6.9%
0-90	2,867.2	63.9%	60-70	310.0	6.9%	150-160	247.8	5.5%
90-180	1,620.0	36.1%	70-80	115.7	2.6%	160-170	151.7	3.4%
0-180	4,487.2	100%	80-90	19.9	0.4%	170-180	49.7	1.1%

Roadway Summary		LCS Table	
Distribution:	Type VS	BUG Rating	B1 - U5 - G1
Max Cd, 90 Deg Vert:	4.7	Forward Light	Lumens Lumens %
Max Cd, 80 to <90 Deg:	50.4	Low(0-30):	418.0 9.3%
		Medium(30-60):	797.3 17.8%
		High(60-80):	215.4 4.8%
		Very High(80-90):	10.2 0.2%
		Back Light	
		Low(0-30):	416.4 9.3%
		Medium(30-60):	791.2 17.6%
		High(60-80):	209.7 4.7%
		Very High(80-90):	9.5 0.2%
		Uplight	
		Low(90-100):	15.3 0.3%
		High(100-180):	1,605.8 35.8%
		Trapped Light:	0.000 0%



Candela Table - Type C																										
0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360										
0	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023										
5	1030	1030	1029	1027	1026	1027	1025	1024	1022	1022	1023	1024	1024	1022	1021	1022										
10	1033	1032	1030	1030	1029	1028	1028	1027	1026	1025	1024	1025	1026	1026	1025	1024										
15	1024	1022	1022	1024	1023	1018	1020	1020	1018	1018	1014	1016	1017	1018	1020	1015										
20	1003	1001	1000	1004	1004	996	999	999	997	997	993	994	996	997	1001	993										
25	978	975	975	979	978	969	974	974	971	972	967	969	970	972	977	968										
30	937	934	933	942	941	925	935	936	934	936	926	928	927	930	940	925										
35	873	869	871	883	881	861	873	875	873	876	861	863	864	867	881	862										
40	803	798	800	812	811	790	802	804	803	807	812	794	794	799	813	792										
45	729	724	727	739	738	713	728	730	730	735	738	719	720	726	743	718										
50	639	632	635	654	652	622	637	641	642	648	652	627	629	637	658	629										
55	537	528	532	554	553	517	535	538	539	548	552	525	526	536	562	527										
60	427	419	421	442	443	404	424	429	428	437	441	413	417	425	453	418										
65	311	305	304	322	321	312	310	314	308	313	320	298	303	309	334	299										
70	200	194	193	206	204	203	199	203	194	196	206	188	194	198	216	219										
75	99	90	93	112	113	105	95	98	98	107	110	87	90	99	123	117										
80	43	41	41	46	46	44	41	42	41	43	45	38	39	42	49	48										
85	14	13	13	18	17	16	14	14	14	15	17	11	12	14	21	20										
90	3	3	3	4	4	5	5	4	3	3	3	2	2	3	3	3										
95	13	11	11	11	10	6	10	12	13	12	9	11	13	15	16	11										
100	34	35	32	33	32	26	34	37	37	37	30	30	38	39	42	36										
105	82	77	69	68	69	61	72	76	75	75	66	65	76	78	83	76										
110	126	127	121	116	117	108	123	126	125	125	114	112	124	127	134	125										
115	186	183	182	178	172	162	179	184	181	182	169	166	179	182	191	181										
120	245	244	242	237	232	222	241	246	244	244	230	226	239	242	251	240										
125	306	306	304	300	295	284	305	309	307	307	293	289	301	305	315	302										
130	366	364	364	360	355	345	349	368	367	367	353	349	360	365	374	360										
135	423	419	421	418	413	405	408	424	423	423	410	408	416	422	430	415										
140	470	467	470	468	463	456	458	470	469	468	459	457	462	468	473	463										
145	500	499	503	502	499	493	493	501	500	499	492	491	496	501	503	496										
150	526	524	529	528	525	518	518	525	524	523	518	518	525	527	527	520										
155	539	540	541	542	539	536	537	539	539	537	535	537	538	540	538	536										
160	543	542	543	543	543	542	541	541	539	539	539	541	542	541	541	540										
165	536	537	535	536	536	537	537	534	532	531	534	535	537	533	532	534										
170	524	528	527	528	530	530	529	526	525	525	527	528	529	526	525	522										
175	519	520	518	519	519	521	520	515	513	514	518	519	521	517	515	517										
180	515	515	516	517	517	517	515	515	515	514	514	515	515	515	513	514										