



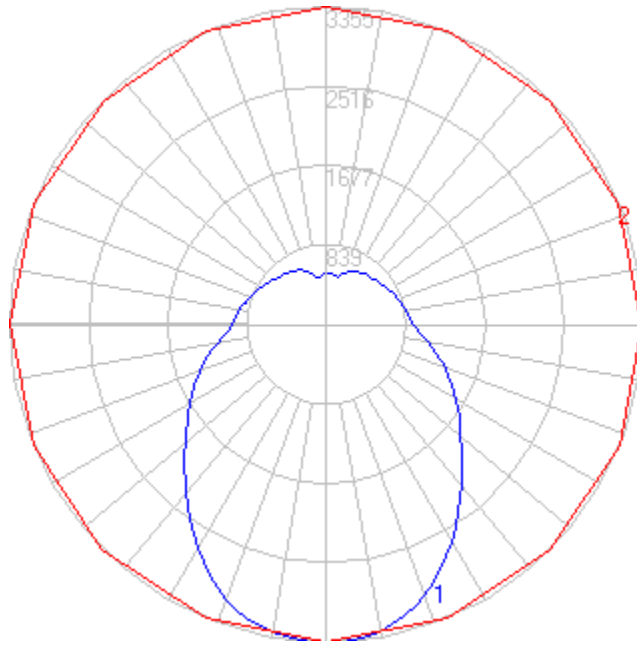
# LEXALITE®

an A.L.P. Lighting Brand

10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584

Test Report Number	05697
Date of Test	6/23/2016
Manufacturer	C.M.E.
Catalog Number	N.A.
Test Item	C.M.E. LED POD WITH CLEAR DOME LENS AND LUMIEO S22 REFRACTOR OPEN BOTTOM
Lamp	CREE LED BOARD OF 68 LEDS
Operating Orientation	PENDENT
Driver Type	INVENTRONICS EUD-200S070DT
Test Time	90 MINUTES
Ambient Temperature (C)	23.8
Stabilization Time	46 MINUTES
Power Factor	.997
Power (W)	157.18
Voltage(V)	120.02
Current(A)	1.3139
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	17103.81
Luminous Efficacy	108.82
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	1.22
Spacing Criterion(90-270)	1.22
Spacing Criterion(diagonal)	1.34

Sample Width(mm)	
Sample Height/Depth(mm)	
Luminous Diameter/Length(mm)	
Luminous Width(mm)	
Luminous Height/Depth(mm)	



**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	99	93	88	84	93	88	84	79	78	75	71	69	67	64	61	59	57	53
2	89	80	73	66	84	76	69	63	67	62	57	59	55	51	52	49	46	42
3	81	70	61	54	76	66	58	52	59	52	47	52	47	43	46	42	38	35
4	74	61	52	45	69	58	50	43	52	45	40	46	40	36	40	36	32	29
5	68	55	46	39	63	52	43	37	46	39	34	41	35	31	36	32	28	25
6	62	49	40	34	59	46	38	32	42	35	30	37	31	27	33	28	24	22
7	58	44	36	29	54	42	34	28	38	31	26	34	28	24	30	25	22	19
8	54	40	32	26	50	38	30	25	34	28	23	31	25	21	28	23	19	17
9	50	37	29	23	47	35	28	22	32	25	21	28	23	19	25	21	17	15
10	47	34	26	21	44	32	25	20	29	23	19	26	21	17	24	19	16	14

**Zonal Lumen Summary**

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	4929.22		28.82%
0-40	7949.09		46.48%
0-60	12627.05		73.83%
0-90	14675.90		85.80%
90-110	1121.67		6.56%
90-130	1813.47		10.60%
90-150	2259.77		13.21%
90-180	2427.91		14.20%

	Zonal Lumens		Zonal Lumens
0-10	673.51	170-180	17.49
10-20	1736.73	160-170	51.74
20-30	2518.98	150-160	98.91
30-40	3019.87	140-150	150.89
40-50	3208.81	130-140	295.41
50-60	1469.15	120-130	295.41
60-70	648.92	110-120	396.39
70-80	710.58	100-110	510.81
80-90	689.35	90-100	610.86

### Candela Table

	0.00	22.50	45.00	67.50	90.00	112.50	135.00	157.50	180.00	202.50	225.00	247.50	270.00	292.50	315.00	337.50	360.00
0.00	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0	7260.0
2.50	7233.0	7244.1	7243.3	7231.9	7251.6	7261.0	7240.2	7205.6	7195.0	7199.0	7233.5	7257.5	7243.4	7207.8	7200.4	7204.9	7233.0
5.00	7100.9	7071.2	7096.8	7074.6	7108.1	7138.6	7116.9	7113.7	7118.4	7096.6	7102.1	7065.8	7039.9	7030.0	7056.2	7091.6	7100.9
7.50	6888.0	6864.1	6807.9	6809.4	6827.0	6859.1	6876.6	6895.1	6839.3	6883.3	6847.0	6837.7	6788.8	6864.5	6851.5	6846.0	6888.0
10.00	6639.1	6622.6	6600.3	6600.3	6569.9	6674.0	6564.1	6555.9	6489.6	6554.4	6584.5	6565.3	6600.1	6602.8	6562.1	6471.6	6639.1
12.50	6365.1	6429.0	6460.4	6465.7	6388.7	6397.8	6345.4	6353.1	6331.7	6391.5	6344.9	6279.6	6310.2	6376.2	6250.3	6214.0	6365.1
15.00	6092.1	6198.2	6212.0	6214.3	6228.6	6202.0	6189.0	6172.7	6199.2	6139.5	6085.1	6092.3	6070.1	6063.0	6050.1	6026.5	6092.1
17.50	5855.3	5982.4	6030.8	6027.4	6011.2	6023.3	5985.5	6001.6	5960.3	5929.8	5912.2	5937.1	5885.1	5813.9	5886.1	5911.6	5855.3
20.00	5780.7	5783.5	5896.3	5885.6	5848.7	5873.5	5799.1	5800.7	5807.1	5731.9	5760.1	5747.2	5681.8	5619.7	5763.5	5664.7	5780.7
22.50	5574.0	5637.1	5646.4	5755.0	5712.8	5715.7	5716.2	5754.2	5673.5	5554.2	5602.6	5560.4	5487.5	5460.9	5555.8	5567.1	5574.0
25.00	5392.8	5462.7	5493.1	5576.8	5603.4	5508.6	5528.5	5537.8	5437.3	5392.9	5392.3	5384.3	5322.3	5346.7	5315.8	5401.4	5392.8
27.50	5331.2	5336.0	5391.8	5450.2	5433.3	5396.6	5400.1	5494.9	5315.8	5264.7	5237.2	5201.4	5181.5	5135.3	5159.3	5143.2	5331.2
30.00	5178.5	5139.8	5252.4	5248.2	5325.7	5258.4	5277.4	5294.1	5117.0	5075.1	5047.3	5003.4	5033.0	4976.1	4940.6	5007.5	5178.5
32.50	4983.8	4983.2	5065.1	5082.0	5125.6	5050.8	5065.5	5073.0	4916.9	4908.5	4864.8	4826.7	4864.3	4795.9	4790.8	4776.5	4983.8
35.00	4821.9	4871.7	4864.5	4949.7	4922.8	4927.5	4896.6	4947.9	4809.8	4775.6	4744.4	4699.8	4732.4	4679.5	4656.5	4625.6	4821.9
37.50	4687.4	4678.2	4708.9	4749.2	4765.7	4796.4	4802.4	4764.4	4611.6	4524.2	4558.1	4566.6	4494.7	4525.4	4449.7	4521.8	4687.4
40.00	4521.9	4541.5	4608.1	4631.3	4592.9	4607.8	4632.8	4560.2	4473.9	4416.0	4361.3	4371.7	4387.6	4378.1	4289.5	4353.1	4521.9
42.50	4369.0	4363.3	4451.2	4392.0	4470.8	4458.3	4462.9	4448.3	4277.6	4324.8	4215.6	4219.3	4251.8	4137.8	4046.0	4120.0	4369.0
45.00	4129.6	4250.8	4272.2	4256.7	4289.1	4295.4	4309.5	4342.6	4131.8	4151.3	4007.1	4076.6	4022.9	3895.2	3938.3	3979.0	4129.6
47.50	3978.0	4037.6	4046.0	4161.9	4157.6	4118.6	4135.8	4135.0	3955.7	3979.7	3895.2	3890.4	3764.8	3723.6	3743.9	3837.2	3978.0
50.00	3827.4	3914.8	3869.9	4016.4	3980.7	3943.2	3987.4	3956.9	3603.1	3612.8	3444.8	3395.5	3364.0	3429.8	3472.4	3461.7	3827.4
52.50	3017.2	3059.3	3094.8	3164.2	3103.6	3084.7	3054.1	3071.4	2542.3	2527.6	2417.7	2425.2	2423.8	2392.1	2478.6	2484.2	3017.2

55.00	1917.0	2029.5	1850.1	1991.7	1928.1	1902.7	1906.6	1868.7	1331.7	1318.6	1267.2	1274.4	1323.0	1321.7	1329.9	1365.6	1917.0
57.50	890.9	889.9	873.2	885.3	892.1	871.8	831.7	832.9	638.8	636.3	631.5	626.3	622.3	620.9	625.5	637.8	890.9
60.00	644.1	652.2	653.1	649.4	644.6	641.5	639.5	639.0	638.7	636.0	631.2	625.1	619.3	617.4	621.3	631.7	644.1
62.50	647.9	657.6	659.5	656.8	652.3	648.7	647.3	647.5	649.3	645.3	639.5	632.1	624.9	621.4	625.6	636.9	647.9
65.00	657.4	668.6	671.7	669.7	665.4	661.8	660.6	661.5	660.7	655.5	647.9	639.0	630.6	626.9	631.0	643.7	657.4
67.50	665.6	677.9	682.1	680.7	677.0	672.9	672.5	672.8	669.9	663.3	654.4	643.9	634.5	630.0	634.6	648.6	665.6
70.00	670.9	684.7	689.8	688.8	686.0	682.3	681.9	682.5	676.8	668.8	658.4	646.6	636.6	631.8	636.4	651.1	670.9
72.50	674.4	689.1	694.9	695.2	692.6	689.3	689.1	689.5	681.3	672.2	660.3	647.4	636.2	631.0	636.2	651.7	674.4
75.00	675.0	690.9	697.2	698.3	696.1	693.4	693.5	693.7	682.8	672.8	659.8	645.4	633.5	627.9	633.2	649.1	675.0
77.50	671.6	687.9	695.4	696.9	695.4	693.1	693.3	693.6	681.2	670.2	656.1	640.6	627.8	621.7	627.0	643.2	671.6
80.00	663.0	679.8	687.8	690.4	689.3	687.1	687.7	688.4	674.5	663.2	648.1	631.7	618.0	611.9	616.8	633.4	663.0
82.50	649.5	666.7	675.4	678.6	678.1	676.2	677.1	678.0	663.0	651.9	635.9	618.8	604.3	597.9	602.7	619.6	649.5
85.00	632.3	649.5	658.4	662.7	663.0	661.1	662.3	663.4	647.4	636.0	619.5	601.3	586.5	579.9	584.9	601.0	632.3
87.50	610.6	627.7	637.1	642.3	642.8	641.2	643.0	644.2	627.5	615.8	598.9	580.3	565.5	558.6	563.1	578.8	610.6
90.00	584.2	601.0	610.8	616.5	617.3	616.3	618.5	619.7	607.0	595.7	578.6	560.4	544.9	537.4	541.2	556.3	584.2
92.50	569.7	586.0	596.2	602.0	603.3	602.6	604.7	606.8	594.7	583.4	567.1	549.0	533.5	526.1	529.4	544.2	569.7
95.00	555.0	570.6	580.8	586.8	588.4	587.8	589.9	592.3	579.5	568.7	552.9	534.7	519.9	512.0	515.1	529.1	555.0
97.50	538.0	553.2	562.8	569.3	571.1	570.6	572.6	575.1	562.0	551.6	536.1	518.8	504.2	496.8	498.9	512.0	538.0
100.00	519.4	533.7	543.1	549.7	551.4	551.3	553.6	556.2	542.0	532.6	517.4	501.5	487.1	479.6	481.0	493.4	519.4
102.50	498.9	512.6	521.8	528.5	530.2	530.1	532.8	535.1	520.8	511.9	497.8	482.8	468.6	461.0	462.0	473.7	498.9
105.00	477.3	490.5	499.4	506.3	508.2	508.2	510.9	513.1	499.0	490.5	477.6	463.2	449.1	441.4	442.5	453.3	477.3
107.50	455.4	468.1	476.6	483.5	485.9	485.8	488.5	490.5	476.7	469.1	456.8	442.8	429.9	422.3	422.9	432.8	455.4
110.00	433.8	445.4	454.3	461.1	463.3	463.5	466.4	467.9	454.3	447.0	435.6	423.5	410.8	403.6	404.0	412.8	433.8
112.50	412.7	423.6	432.2	438.7	440.8	441.6	444.3	445.8	432.7	426.2	415.8	404.1	392.3	385.4	385.4	393.5	412.7
115.00	392.6	402.3	410.9	417.0	419.2	420.4	422.9	424.4	411.9	405.8	396.4	385.5	374.1	367.6	367.7	374.8	392.6
117.50	372.9	381.6	390.2	396.6	399.1	400.1	402.2	403.9	391.8	386.2	377.3	367.8	357.2	350.9	351.0	356.9	372.9
120.00	354.7	362.6	370.8	377.6	379.5	380.7	383.0	384.7	373.0	367.9	359.7	351.0	341.3	335.6	335.4	340.5	354.7
122.50	338.0	344.7	352.9	359.4	361.5	362.5	365.0	366.2	355.4	350.4	343.2	335.6	326.5	321.0	320.3	325.1	338.0
125.00	322.2	328.5	336.2	342.3	344.9	345.8	348.4	349.4	338.9	334.0	327.8	320.7	312.4	307.4	306.8	310.8	322.2
127.50	308.1	313.2	320.1	326.1	329.6	330.9	332.8	333.6	323.6	319.1	313.4	307.1	299.6	294.8	294.1	297.5	308.1
130.00	295.0	299.0	305.8	311.6	314.9	316.5	318.4	319.5	309.5	305.4	299.9	294.7	287.6	282.8	282.2	285.4	295.0
132.50	282.2	286.2	292.5	298.0	300.6	303.5	305.5	306.4	296.4	292.8	287.5	283.1	276.5	272.6	271.2	274.3	282.2
135.00	270.7	274.5	280.1	285.9	287.7	290.6	293.6	294.1	284.5	280.9	276.4	272.6	266.3	262.7	261.5	264.1	270.7
137.50	260.5	263.5	268.8	274.5	276.2	278.6	282.2	282.9	273.8	270.2	266.4	262.7	257.2	253.6	252.6	254.9	260.5
140.00	250.8	253.8	258.4	264.1	266.0	267.6	271.0	272.6	263.9	260.3	256.7	253.8	248.5	245.3	244.5	246.3	250.8
142.50	242.1	244.7	249.0	254.4	256.3	257.6	260.5	262.3	254.9	251.4	247.9	245.5	240.8	237.6	236.8	238.5	242.1
145.00	234.6	236.4	240.3	245.8	247.8	248.4	250.8	252.7	246.6	243.3	240.4	238.1	233.5	230.8	229.6	230.9	234.6

