

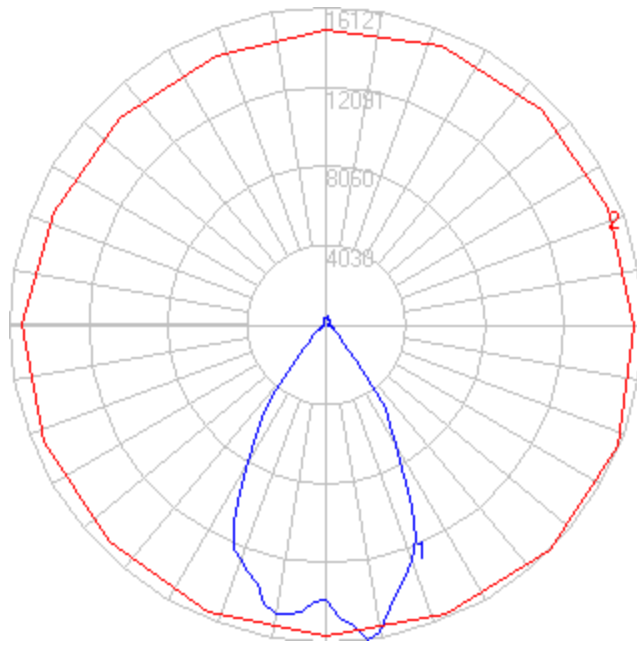


# LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	05734
Date of Test	8/16/16
Manufacturer	C.M.E.
Catalog Number	N.A.
Test Item	C.M.E. LED POD WITH CLEAR DOME LENS AND AC-LG 822 REFLEXOR LCL 1.4" ABOVE OPENING OPEN BOTTOM
Lamp	CREE LED BOARD OF 68 LEDS
Operating Orientation	PENDENT
Driver Type	INVENTRONICS EUD-200S070DT
Test Time	90 MINUTES
Ambient Temperature (C)	25.2
Stabilization Time	49 MINUTES
Power Factor	.997
Power (W)	157.23
Voltage(V)	120.01
Current(A)	1.3143
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	16845.91
Luminous Efficacy	107.14
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	.98
Spacing Criterion(90-270)	1.00
Spacing Criterion(diagonal)	.94
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	111	108	105	102	108	105	102	100	100	98	96	95	93	92	90	89	88	86
2	105	99	94	90	102	97	92	89	92	89	86	88	86	83	85	83	81	79
3	99	91	86	81	96	89	84	80	86	82	78	83	79	76	79	77	74	72
4	93	85	78	74	91	83	77	73	80	75	71	77	73	70	75	71	68	67
5	88	79	72	67	86	77	71	67	75	70	66	72	68	64	70	66	63	62
6	83	73	67	62	81	72	66	62	70	65	61	68	63	60	66	62	59	57
7	79	68	62	57	77	67	61	57	66	60	56	64	59	56	62	58	55	53
8	74	64	58	53	73	63	57	53	62	56	52	60	55	52	59	54	51	50
9	71	60	54	50	69	60	54	50	58	53	49	57	52	49	55	51	48	47
10	67	57	51	47	66	56	50	46	55	50	46	54	49	46	53	48	45	44

**Zonal Lumen Summary**

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	10188.59		60.48%
0-40	13695.83		81.30%
0-60	15155.89		89.97%
0-90	15834.05		93.99%
90-110	215.52		1.28%
90-130	459.22		2.73%
90-150	735.95		4.37%
90-180	1011.86		6.01%

	Zonal Lumens		Zonal Lumens
0-10	1425.78	170-180	42.93
10-20	3918.13	160-170	94.57
20-30	4844.68	150-160	138.41
30-40	3507.24	140-150	146.71
40-50	884.93	130-140	130.02
50-60	575.13	120-130	130.02
60-70	311.92	110-120	113.68
70-80	213.29	100-110	112.47
80-90	152.95	90-100	103.05

## Candela Table

0.00	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	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5	14032.5
2.50	14577.6	14504.5	14399.6	14365.0	14276.8	14139.2	14087.1	14104.2	14313.3	14451.4	14479.9	14616.6	14679.3	14701.0	14929.7	14799.8	14577.6
5.00	14970.3	15092.2	14990.4	14849.8	14699.8	14589.1	14640.9	14555.9	14950.0	15145.4	15063.0	15215.1	15334.4	15274.5	15379.0	15419.4	14970.3
7.50	15673.4	15471.0	15443.7	15310.3	15045.9	14825.1	14859.7	15041.1	15508.1	15565.6	15650.1	15769.7	15794.5	15908.1	16120.8	16051.2	15673.4
10.00	15644.4	15515.4	15420.3	15356.7	15144.5	15012.5	14937.6	15426.0	15408.8	15562.3	15690.8	15751.8	15896.3	15937.9	15886.8	15581.9	15644.4
12.50	14590.8	14604.8	14510.2	14438.8	14367.7	14364.9	14537.5	14818.3	14523.0	14670.6	14785.1	14762.4	14845.2	14939.4	14738.1	14470.6	14590.8
15.00	13737.7	13926.7	13848.8	13797.1	13664.3	13536.3	13638.7	13901.1	13795.5	13988.5	14035.9	14028.6	13998.5	14069.2	13956.0	13704.0	13737.7
17.50	13104.6	13388.4	13261.2	13220.8	13228.0	13225.8	13195.7	13282.6	13166.4	13287.1	13377.3	13421.1	13346.7	13363.0	13363.4	13080.5	13104.6
20.00	12506.6	12665.7	12708.2	12796.6	12809.5	12858.5	12698.8	12762.5	12572.9	12664.8	12753.2	12821.2	12759.8	12695.8	12670.4	12338.4	12506.6
22.50	11613.0	11815.1	11725.0	12028.4	12210.6	12345.8	12343.2	12408.0	12057.9	11881.4	12014.1	12023.5	11865.9	12022.0	11754.0	11394.7	11613.0
25.00	10132.6	10207.1	10159.0	10563.3	10799.9	10978.7	11065.9	11211.2	10722.2	10364.9	10434.8	10391.6	10288.0	10422.8	10198.0	9809.8	10132.6
27.50	8665.6	8681.2	8666.0	8978.7	9144.7	9422.6	9559.4	9669.6	9075.0	8792.0	8784.6	8807.2	8679.0	8689.7	8608.0	8189.0	8665.6
30.00	7233.1	7076.3	7277.0	7469.3	7691.4	7892.3	8070.8	8074.5	7561.9	7388.7	7364.4	7266.1	7269.4	7165.8	7018.6	6876.0	7233.1
32.50	6133.3	6050.1	6186.2	6349.8	6451.6	6530.0	6674.9	6670.6	6393.9	6269.4	6339.4	6251.6	6181.9	6124.3	6030.2	5867.4	6133.3
35.00	5549.5	5484.5	5522.3	5642.9	5681.2	5755.6	5800.6	5919.4	5758.0	5730.6	5659.4	5591.1	5508.7	5419.3	5212.1	5156.6	5549.5
37.50	4234.9	4130.1	4240.9	4270.9	4404.8	4437.8	4599.7	4684.3	4379.2	4309.9	4299.1	4243.4	4090.1	4004.7	3855.8	3728.8	4234.9
40.00	2726.2	2701.1	2770.1	2806.2	2864.0	2905.0	3072.4	3139.7	2763.4	2813.8	2872.2	2787.6	2649.3	2531.0	2334.2	2272.7	2726.2
42.50	1474.9	1469.2	1446.2	1448.4	1541.6	1593.6	1653.9	1777.8	1486.7	1550.4	1594.5	1491.6	1392.9	1339.5	1258.6	1206.2	1474.9
45.00	1164.8	1144.6	1099.3	1093.7	1149.3	1151.6	1188.5	1182.7	1169.8	1176.0	1180.5	1165.5	1128.2	1106.9	1087.7	1082.5	1164.8
47.50	1041.6	1014.8	970.2	954.5	1009.4	1013.9	1041.5	1050.4	1029.5	1046.7	1045.9	1034.5	1003.5	987.0	961.8	963.5	1041.6
50.00	916.0	892.7	856.0	844.2	898.8	898.8	917.5	939.0	919.9	930.5	928.9	914.2	890.1	876.5	854.0	857.0	916.0
52.50	791.3	769.5	744.4	732.0	790.8	794.0	805.1	827.4	797.6	797.3	792.7	779.1	756.7	742.4	729.5	739.1	791.3
55.00	656.6	637.2	619.8	613.5	659.5	667.0	673.5	693.9	656.4	650.9	643.8	634.0	620.0	605.7	597.8	613.7	656.6
57.50	527.8	515.9	506.2	503.1	534.4	541.7	551.6	559.4	528.6	522.0	511.5	503.2	493.6	475.7	473.2	486.5	527.8
60.00	413.7	408.2	400.2	401.8	422.7	426.6	433.4	436.9	415.9	411.2	398.3	396.6	389.7	376.8	375.6	386.6	413.7
62.50	352.1	346.7	339.2	342.4	353.1	351.4	356.4	356.9	349.9	347.0	334.8	333.5	332.3	327.0	330.2	339.8	352.1
65.00	322.1	316.0	309.3	313.9	322.2	318.9	324.6	325.0	319.6	316.5	306.1	305.0	304.4	300.4	303.4	310.6	322.1
67.50	289.6	284.2	279.3	285.2	293.4	289.1	296.3	296.1	288.7	286.7	277.8	277.9	276.8	272.2	273.4	278.0	289.6
70.00	253.0	250.8	248.3	255.0	261.9	258.6	266.0	265.0	256.1	254.7	247.8	247.8	244.3	238.1	238.5	243.6	253.0
72.50	222.4	222.3	220.3	226.7	232.5	229.9	236.1	234.0	225.2	225.2	219.7	218.7	214.8	208.9	208.8	214.3	222.4
75.00	202.1	203.9	200.7	205.9	211.2	208.1	211.8	210.1	203.0	203.6	199.1	195.9	193.8	189.3	190.7	195.9	202.1
77.50	188.5	190.4	187.1	191.3	196.7	193.0	195.2	193.8	187.9	187.8	185.0	180.3	181.0	177.8	178.4	181.7	188.5
80.00	170.8	172.4	169.3	173.1	179.9	178.0	180.5	179.0	171.7	171.3	170.2	165.1	166.1	161.6	162.8	162.1	170.8
82.50	149.2	152.6	150.0	154.2	158.5	157.9	159.1	158.7	155.4	154.3	153.3	152.6	149.3	144.5	144.8	144.9	149.2
85.00	138.1	141.0	139.4	143.5	145.7	145.1	147.3	146.5	142.9	141.8	140.9	140.0	135.6	131.8	132.0	133.6	138.1
87.50	125.9	128.3	126.7	129.2	131.9	131.0	133.5	131.5	128.1	127.9	127.6	126.2	122.3	118.3	118.4	119.9	125.9
90.00	111.1	113.5	112.2	112.4	113.7	113.3	115.0	113.9	111.6	112.8	112.4	111.4	108.4	105.5	104.7	107.3	111.1
92.50	104.0	104.2	104.0	104.2	105.2	106.5	104.9	106.1	104.0	105.2	105.3	104.0	101.9	99.2	97.9	99.2	104.0
95.00	93.2	92.4	93.4	93.5	96.4	99.8	96.2	96.9	94.9	95.9	96.9	95.1	94.5	92.2	90.5	90.7	93.2
97.50	85.9	86.5	90.8	90.7	95.2	101.3	94.6	91.1	87.6	86.8	87.9	89.3	88.9	89.1	86.9	86.7	85.9
100.00	87.7	89.5	97.5	96.0	99.5	101.9	97.4	90.7	89.1	84.4	86.2	88.2	88.8	91.3	89.4	89.7	87.7
102.50	92.7	98.4	107.8	105.0	103.5	101.5	102.5	100.1	89.1	91.5	86.6	95.4	95.0	97.8	97.6	97.3	92.7
105.00	102.8	113.9	110.7	109.4	107.6	102.3	111.5	111.5	97.5	107.9	97.0	107.4	106.3	106.5	107.6	104.5	102.8
107.50	113.7	121.9	116.2	114.6	114.3	109.3	118.4	117.0	108.3	124.3	114.3	116.2	113.5	109.6	115.3	111.1	113.7
110.00	120.2	122.8	122.5	124.7	121.6	118.3	117.1	115.7	117.9	132.1	128.2	116.1	115.5	106.9	115.0	119.4	120.2
112.50	121.6	119.1	121.0	128.6	120.1	118.7	109.8	112.2	121.1	120.4	121.4	112.1	111.8	105.0	107.8	117.7	121.6
115.00	115.1	115.3	117.7	124.0	116.5	117.8	112.7	115.0	120.2	112.9	115.2	110.8	109.6	108.3	107.2	112.7	115.1
117.50	116.0	119.2	123.6	126.0	122.8	123.7	121.7	122.5	124.7	119.2	118.6	115.6	114.1	116.5	114.9	116.6	116.0
120.00	124.2	126.4	132.4	134.3	132.3	132.9	129.9	129.7	132.0	128.2	126.6	123.2	121.9	125.5	122.9	125.5	124.2
122.50	133.5	135.0	141.4	142.7	141.0	141.5	137.8	137.8	139.7	136.1	134.5	130.4	129.7	133.2	131.3	133.8	133.5
125.00	142.3	144.7	151.3	151.5	150.3	150.3	146.8	146.3	148.3	144.8	143.7	139.1	138.7	141.9	140.6	141.3	142.3
127.50	151.2	154.3	160.8	161.0	160.2	159.6	157.1	155.1	157.0	153.9	152.3	148.3	147.9	150.3	148.8	149.8	151.2
130.00	160.4	163.9	169.7	170.3	169.3	168.9	166.4	163.9	165.6	162.5	161.1	157.7	157.6	159.8	158.2	160.1	160.4

