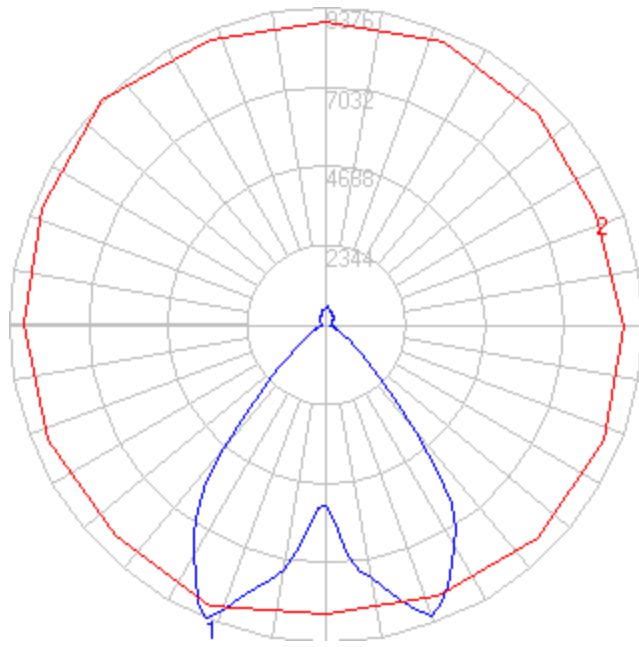


LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	05736
Date of Test	8/16/2016
Manufacturer	C.M.E.
Catalog Number	N.A.
Test Item	C.M.E. LED POD WITH CLEAR DOME LENS AND AC-LG 822 REFLEXOR, AC 22" C.D.L. LCL 1.4" ABOVE OPENING
Lamp	CREE LED BOARD OF 68 LEDS
Operating Orientation	PENDENT
Driver Type	INVENTRONICS EUD-200S070DT
Test Time	105 MINUTES
Ambient Temperature (C)	25.4
Stabilization Time	82 MINUTES
Power Factor	.997
Power (W)	157.13
Voltage(V)	120.02
Current(A)	1.3134
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	15966.95
Luminous Efficacy	101.62
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	1.58
Spacing Criterion(90-270)	1.60
Spacing Criterion(diagonal)	1.30
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0	0		
0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	94	94	94	91	91		
1	109	106	103	100	106	103	100	97	97	95	92	91	90	88	87	85	84	81	81		
2	102	96	91	86	99	93	89	85	88	85	81	84	81	78	80	77	75	73	73		
3	95	87	81	76	92	85	79	74	81	76	72	77	73	70	73	70	68	65	65		
4	89	79	72	67	86	77	71	66	74	69	64	71	66	63	68	64	61	59	59		
5	83	73	65	60	80	71	64	59	68	62	58	65	60	56	63	58	55	53	53		
6	77	67	59	54	75	65	58	53	63	57	52	60	55	51	58	54	50	48	48		
7	73	61	54	49	70	60	53	48	58	52	47	56	50	47	54	49	46	44	44		
8	68	57	49	44	66	56	49	44	54	48	43	52	46	43	50	45	42	40	40		
9	64	52	45	41	62	51	45	40	50	44	40	48	43	39	47	42	38	37	37		
10	60	49	42	37	59	48	41	37	46	40	36	45	40	36	44	39	35	34	34		

Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	6893.41		43.17%
0-40	10999.96		68.89%
0-60	13698.03		85.79%
0-90	14486.54		90.73%
90-110	338.72		2.12%
90-130	733.90		4.60%
90-150	1132.57		7.09%
90-180	1480.41		9.27%

	Zonal Lumens		Zonal Lumens
0-10	606.06	170-180	50.91
10-20	2322.41	160-170	124.02
20-30	3964.94	150-160	172.91
30-40	4106.55	140-150	195.02
40-50	1913.95	130-140	203.65
50-60	784.12	120-130	203.65
60-70	393.01	110-120	191.53
70-80	237.50	100-110	181.04
80-90	158.00	90-100	157.68

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	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9	5336.9
2.50	5529.9	5542.7	5498.8	5476.4	5443.5	5427.5	5425.4	5441.9	5694.2	5727.0	5773.5	5805.3	5832.1	5891.9	5892.4	5886.6	5529.9
5.00	6262.9	6244.9	6178.7	6160.2	6069.5	6029.6	6063.2	6089.6	6548.8	6525.1	6542.8	6572.8	6706.9	6764.8	6724.9	6705.0	6262.9
7.50	7044.1	7010.0	6958.5	6870.6	6839.1	6804.6	6795.6	6859.8	7242.0	7188.3	7188.3	7235.9	7334.4	7391.0	7358.6	7434.4	7044.1
10.00	7406.6	7404.8	7280.5	7294.1	7265.1	7329.7	7360.5	7378.3	7574.9	7549.2	7539.9	7582.2	7615.2	7545.3	7573.7	7583.1	7406.6
12.50	7912.4	7816.7	7841.7	7672.5	7667.1	7708.7	7700.0	7811.4	7766.9	7927.5	7889.5	7885.4	7994.3	7903.4	7969.9	8000.4	7912.4
15.00	8215.6	8126.0	8116.5	8077.3	7965.1	8089.0	8053.1	8008.4	8297.4	8205.2	8228.6	8378.5	8339.4	8283.9	8422.0	8486.9	8215.6
17.50	8603.4	8574.2	8570.8	8480.7	8362.8	8561.2	8441.1	8512.2	8606.6	8697.5	8838.1	8849.3	8779.7	8710.5	8833.3	8970.6	8603.4
20.00	9079.5	9232.0	9049.7	9017.5	9003.0	9037.8	8945.8	8979.2	8714.1	8705.7	8884.9	9208.8	8931.5	9015.2	9153.1	9223.8	9079.5
22.50	8814.6	8614.9	8839.7	9040.9	8936.6	9102.1	9375.7	9096.7	8965.9	8946.3	8798.6	8970.1	8537.8	8666.0	8869.0	8902.9	8814.6
25.00	8563.3	8684.0	8511.4	8678.1	8578.9	8759.5	9047.8	8931.0	8287.8	8402.0	8586.1	8507.4	8283.8	8396.9	8516.6	8283.0	8563.3
27.50	7927.8	7849.5	7904.6	8050.4	8017.8	8177.1	8374.9	8317.3	7914.1	8030.0	7946.1	7834.6	7812.9	7857.2	7983.6	7711.2	7927.8
30.00	7405.7	7333.6	7349.3	7490.1	7479.6	7686.5	7834.3	7879.9	7452.8	7652.6	7567.9	7422.8	7379.5	7359.6	7577.1	7248.8	7405.7
32.50	6891.6	6975.6	6855.1	6976.0	7071.8	7256.7	7284.0	7418.2	6978.5	7102.7	7146.5	6920.2	6861.2	6816.0	7135.4	6847.6	6891.6
35.00	6393.3	6540.4	6443.6	6570.2	6664.2	6712.7	6658.7	7028.3	6644.3	6725.0	6665.5	6391.4	6379.0	6314.1	6429.5	6211.1	6393.3
37.50	5767.5	5852.9	5826.6	5742.1	5866.9	6041.0	5851.2	6103.1	5543.8	5479.8	5509.0	5334.5	5354.8	5201.2	5451.3	5184.0	5767.5
40.00	4618.4	4688.9	4530.1	4618.8	4805.5	4948.7	4713.4	5023.2	4313.7	4577.3	4460.2	4259.2	4302.5	4156.9	4144.2	4122.3	4618.4
42.50	3435.4	3526.8	3466.8	3397.5	3580.1	3716.7	3568.6	3799.8	3208.2	3225.2	3201.6	3210.5	3127.3	3023.7	2966.9	2902.8	3435.4
45.00	2557.6	2639.6	2530.4	2445.5	2638.4	2697.0	2623.7	2732.4	2415.1	2402.3	2396.8	2398.3	2352.4	2271.4	2194.1	2185.1	2557.6
47.50	1884.1	1919.7	1832.9	1738.1	1904.1	1969.0	1914.8	1982.2	1773.8	1756.6	1769.4	1773.5	1759.4	1683.7	1619.4	1606.9	1884.1
50.00	1418.7	1413.1	1345.1	1287.8	1410.7	1452.1	1417.1	1459.4	1361.3	1343.9	1356.5	1350.8	1359.1	1297.0	1259.6	1237.1	1418.7
52.50	1109.1	1093.7	1051.5	1031.9	1108.2	1118.6	1113.5	1151.3	1086.1	1073.4	1079.5	1063.1	1067.4	1031.9	1002.4	999.5	1109.1
55.00	901.5	886.2	862.8	850.9	910.5	914.7	912.5	945.1	881.6	870.3	866.3	854.1	849.5	824.0	808.6	820.6	901.5
57.50	718.8	714.5	694.0	683.4	720.7	731.6	734.4	760.8	698.5	691.8	684.4	679.2	666.4	645.0	635.6	646.4	718.8
60.00	561.4	558.0	543.1	542.3	562.5	569.5	568.2	587.1	543.5	540.7	533.4	531.5	522.3	510.5	503.9	507.8	561.4
62.50	462.0	459.1	448.2	449.4	457.8	457.0	458.3	469.1	452.1	452.5	442.9	442.9	436.5	429.0	428.7	434.2	462.0
65.00	408.1	404.0	394.2	396.2	403.3	400.4	402.9	409.5	397.6	397.0	389.4	389.4	386.3	378.8	379.0	384.1	408.1
67.50	357.3	353.4	345.7	349.9	357.3	353.2	357.4	361.5	347.6	347.4	341.9	343.9	339.9	331.2	330.0	334.5	357.3
70.00	305.9	304.4	300.2	305.1	310.9	308.4	313.5	316.7	299.0	299.9	295.8	297.4	291.0	283.0	280.8	285.1	305.9
72.50	261.4	261.1	257.6	263.2	267.1	264.7	271.1	272.1	255.1	255.5	252.9	253.3	247.7	240.7	239.4	243.6	261.4
75.00	228.0	229.8	225.4	230.2	234.3	231.1	236.3	236.8	223.6	222.8	219.9	217.1	215.4	210.2	211.5	215.8	228.0
77.50	206.7	208.4	204.2	207.7	211.0	206.8	211.1	211.9	201.5	200.4	198.0	193.7	194.2	191.4	192.6	195.5	206.7
80.00	185.4	186.5	181.9	185.4	188.4	185.6	189.7	190.1	178.1	178.6	176.9	172.5	172.4	169.2	171.3	171.8	185.4
82.50	160.2	162.3	157.4	159.6	161.6	158.1	161.2	163.1	158.5	158.9	157.5	156.3	153.2	150.4	151.0	152.1	160.2
85.00	147.0	148.9	144.8	145.9	147.4	144.3	147.4	149.0	146.3	145.8	144.7	143.6	141.2	138.7	139.3	140.6	147.0
87.50	136.6	138.1	134.3	135.6	136.4	133.7	135.9	137.8	135.6	135.0	134.2	133.1	131.9	129.4	130.0	130.9	136.6
90.00	128.7	130.6	127.7	127.5	126.8	125.1	126.5	128.1	128.0	128.4	128.1	127.7	127.1	126.2	126.5	128.8	128.7
92.50	136.3	137.3	134.5	132.4	131.0	128.4	128.3	129.0	134.7	135.1	135.7	136.3	137.1	137.4	138.2	140.5	136.3
95.00	145.8	144.7	141.0	141.0	140.6	139.0	140.3	140.8	144.3	145.7	148.4	148.7	150.1	148.0	146.3	146.5	145.8
97.50	143.7	143.7	140.4	141.1	141.7	139.9	140.9	142.1	141.8	141.8	145.4	146.1	144.6	146.3	144.9	145.0	143.7
100.00	146.8	148.3	145.8	144.6	145.4	143.4	144.2	145.4	150.5	148.8	151.8	151.6	151.2	153.1	153.5	150.3	146.8
102.50	152.6	160.8	157.4	154.3	156.0	155.4	153.2	155.7	158.8	165.4	159.3	163.3	163.5	163.6	167.5	160.3	152.6
105.00	164.6	176.5	169.9	169.4	173.1	169.8	165.0	166.6	169.9	182.7	171.5	173.4	172.4	171.0	177.7	170.9	164.6
107.50	177.0	181.7	176.9	178.7	184.3	180.0	175.2	173.0	175.5	185.4	179.4	177.2	172.3	173.0	181.1	176.6	177.0
110.00	182.7	185.7	184.6	185.3	189.3	184.3	182.0	178.7	180.3	184.3	184.3	176.8	173.3	176.5	183.0	182.0	182.7
112.50	190.0	191.0	192.7	192.5	192.6	188.8	188.4	186.3	186.4	185.8	185.4	179.7	177.7	181.4	184.6	187.9	190.0
115.00	195.9	197.4	198.7	198.3	196.2	193.8	194.6	194.4	193.6	191.0	190.1	185.2	183.6	186.8	189.0	194.5	195.9

