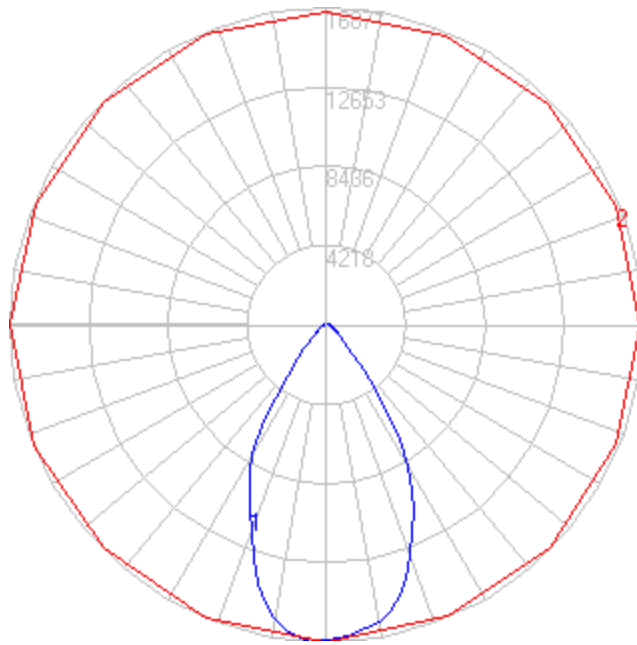


LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	05710
Date of Test	7/28/2016
Manufacturer	C.M.E.
Catalog Number	N.A.
Test Item	C.M.E. LED POD WITH CLEAR DOME LENS AND AC-LG 816 REFLEXOR OPEN BOTTOM
Lamp	CREE LED BOARD OF 68 LEDS
Operating Orientation	PENDENT
Driver Type	INVENTRONICS EUD-200S070DT
Test Time	120 MINUTES
Ambient Temperature (C)	25.4
Stabilization Time	54 MINUTES
Power Factor	.997
Power (W)	157.02
Voltage(V)	120.02
Current(A)	1.3124
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	17078.98
Luminous Efficacy	108.77
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	.90
Spacing Criterion(90-270)	.92
Spacing Criterion(diagonal)	.90
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	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	111	108	105	102	108	105	103	100	100	98	96	96	94	93	92	91	89	87
2	105	99	94	90	102	97	93	89	93	90	87	89	86	84	86	84	82	80
3	99	91	86	81	96	90	84	80	86	82	78	83	80	77	80	77	75	73
4	93	85	78	74	91	83	77	73	80	76	72	78	74	70	75	72	69	67
5	88	79	72	67	86	77	71	67	75	70	66	73	68	65	71	67	64	62
6	83	73	67	62	81	72	66	62	70	65	61	68	64	60	67	63	59	58
7	79	69	62	58	77	68	62	57	66	61	57	64	60	56	63	59	55	54
8	75	64	58	54	73	64	58	53	62	57	53	61	56	52	59	55	52	50
9	71	61	54	50	70	60	54	50	59	53	49	57	52	49	56	52	49	47
10	67	57	51	47	66	57	51	47	55	50	46	54	49	46	53	49	46	44

Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	10498.20		61.47%
0-40	13781.84		80.69%
0-60	15461.39		90.53%
0-90	16347.15		95.72%
90-110	314.77		1.84%
90-130	516.02		3.02%
90-150	653.75		3.83%
90-180	731.83		4.28%

	Zonal Lumens		Zonal Lumens
0-10	1574.30	170-180	8.83
10-20	4127.45	160-170	27.44
20-30	4796.45	150-160	41.81
30-40	3283.64	140-150	55.48
40-50	1044.80	130-140	82.25
50-60	634.75	120-130	82.25
60-70	416.53	110-120	119.00
70-80	260.22	100-110	144.88
80-90	209.01	90-100	169.89

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	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6	16813.6
2.50	16662.3	16636.0	16652.8	16656.7	16661.8	16718.1	16748.7	16796.1	16863.0	16864.3	16850.6	16871.2	16854.5	16816.0	16763.8	16675.3	16662.3
5.00	16426.6	16418.7	16438.5	16479.7	16478.9	16577.5	16634.0	16627.9	16730.1	16726.1	16701.1	16696.7	16626.2	16580.8	16573.8	16573.6	16426.6
7.50	16189.5	16174.9	16229.5	16251.5	16441.3	16521.5	16565.5	16526.2	16554.6	16465.8	16403.0	16343.2	16368.3	16303.6	16293.2	16246.1	16189.5
10.00	15721.7	15804.0	15934.3	16100.1	16306.7	16374.8	16359.3	16298.3	16149.9	16118.2	16010.1	15873.6	15855.9	15667.1	15715.1	15675.2	15721.7
12.50	15171.8	15298.1	15467.3	15682.0	15897.0	15963.2	15841.5	15729.8	15470.2	15365.1	15256.4	15181.7	15037.2	15002.0	15052.0	14999.9	15171.8
15.00	14458.7	14577.7	14697.7	14959.1	15273.3	15294.2	15159.6	14880.0	14523.0	14380.2	14315.3	14276.2	14107.0	14096.4	14207.1	14274.4	14458.7
17.50	13551.9	13712.7	13926.9	14167.6	14416.5	14568.5	14332.2	13869.9	13463.1	13318.7	13139.6	13043.1	12922.8	12891.7	13136.2	13282.3	13551.9
20.00	12489.6	12727.0	12923.8	13074.0	13280.1	13459.2	13155.4	12741.8	12135.6	12026.0	11869.8	11764.7	11637.9	11660.6	11930.3	12169.1	12489.6
22.50	11496.6	11681.9	11888.0	11915.6	12097.4	12255.4	11926.6	11525.7	11049.4	10727.0	10706.8	10660.5	10595.3	10626.3	10894.3	11143.2	11496.6
25.00	10447.5	10647.1	10889.8	10882.2	11063.1	11138.7	10949.0	10540.6	10098.3	9862.2	9748.6	9734.5	9739.8	9836.4	10000.4	10085.7	10447.5
27.50	9444.5	9660.3	9850.3	9879.1	10069.7	10166.8	9962.3	9746.2	9250.0	9001.4	8843.1	8862.4	8894.6	8941.7	9132.3	9173.4	9444.5
30.00	8400.8	8478.7	8650.6	8719.9	8775.5	8871.2	8768.5	8684.6	8215.4	8073.9	7824.1	7894.2	7886.6	7884.9	8028.1	8095.8	8400.8
32.50	7030.9	7033.9	7233.6	7318.6	7528.1	7524.6	7433.2	7336.9	6676.5	6496.7	6358.2	6315.6	6279.4	6244.2	6405.0	6492.5	7030.9
35.00	5393.4	5398.9	5623.1	5754.1	5747.9	5787.6	5672.7	5601.8	5066.6	4834.0	4777.5	4710.3	4678.2	4712.0	4855.0	4881.8	5393.4
37.50	3950.7	4000.9	4126.7	4064.1	4191.0	4054.8	3994.1	3978.2	3496.2	3505.9	3387.6	3378.2	3402.5	3324.6	3469.2	3483.2	3950.7
40.00	2605.9	2713.4	2819.8	2730.6	2735.6	2736.1	2733.3	2630.5	2328.0	2322.9	2285.0	2325.9	2305.8	2202.4	2279.3	2326.9	2605.9
42.50	1740.8	1834.6	1840.8	1703.7	1689.1	1703.1	1713.7	1711.7	1677.4	1737.0	1709.8	1722.3	1741.1	1668.8	1690.5	1657.4	1740.8
45.00	1378.8	1459.9	1462.3	1344.0	1316.6	1343.4	1376.8	1395.3	1367.2	1386.9	1316.8	1308.6	1316.3	1270.8	1254.5	1270.9	1378.8
47.50	1079.3	1112.1	1103.6	1088.2	1053.3	1066.0	1096.8	1122.6	1108.2	1124.8	1058.7	1046.0	1053.5	1023.2	987.3	1024.0	1079.3
50.00	962.8	981.0	952.9	935.8	899.7	904.9	928.3	954.9	949.1	957.4	896.5	886.9	901.2	883.4	860.3	907.3	962.8
52.50	843.6	860.0	832.6	823.0	800.0	804.2	802.1	816.6	805.0	803.0	763.4	761.2	774.3	765.7	747.8	794.2	843.6
55.00	744.9	754.4	727.1	725.9	717.6	719.5	698.8	707.8	705.3	699.0	673.8	677.6	683.2	682.4	664.2	703.5	744.9
57.50	663.1	670.1	640.6	648.5	646.6	643.4	620.6	625.1	623.4	613.2	593.6	604.5	603.6	613.1	590.3	629.2	663.1
60.00	580.1	587.1	562.6	571.6	571.0	572.3	546.4	544.7	549.4	537.8	518.5	537.2	529.7	548.1	525.3	557.4	580.1
62.50	505.8	514.2	489.2	492.8	487.4	490.4	471.7	471.9	481.0	472.4	458.4	480.3	465.8	479.7	463.4	484.6	505.8
65.00	440.4	447.0	423.9	422.8	407.8	406.6	403.3	409.4	417.1	413.2	405.8	431.7	415.5	418.5	405.6	422.0	440.4
67.50	387.0	389.6	368.8	366.0	346.3	342.3	346.6	357.2	365.6	370.8	366.4	390.5	373.8	363.4	357.4	374.9	387.0
70.00	346.5	342.3	327.3	321.7	306.1	295.8	303.0	315.9	324.1	333.0	331.9	351.5	332.2	317.7	318.9	330.0	346.5
72.50	305.3	305.2	291.3	284.3	266.1	255.0	265.7	280.3	283.4	293.7	298.4	312.1	289.4	272.5	280.1	287.9	305.3
75.00	265.7	265.2	252.8	247.4	227.0	218.7	230.9	246.8	246.2	251.3	249.8	256.8	241.5	230.6	236.3	248.5	265.7
77.50	219.5	219.0	210.0	201.6	187.0	184.0	193.1	203.3	205.2	208.5	206.3	212.6	201.5	199.4	201.2	213.4	219.5
80.00	195.6	194.5	183.2	173.2	158.8	160.6	170.6	178.7	182.6	190.1	192.3	197.6	187.3	185.4	185.9	195.1	195.6
82.50	187.5	182.9	171.5	163.0	144.6	146.9	158.6	170.6	179.1	191.9	198.6	205.6	192.8	189.5	189.8	197.5	187.5
85.00	206.3	188.8	173.4	162.1	146.9	149.5	163.5	178.2	185.8	201.6	211.2	218.3	201.6	209.6	218.8	234.9	206.3
87.50	207.9	198.0	180.1	158.9	146.9	151.4	176.5	192.2	199.7	209.9	210.8	205.3	191.3	198.2	201.4	209.7	207.9
90.00	174.4	183.4	177.4	153.4	133.9	137.1	162.6	189.2	190.1	194.7	183.0	179.7	173.9	173.5	164.4	169.9	174.4
92.50	171.9	164.6	154.3	142.3	129.1	127.6	138.5	157.8	163.0	175.4	172.0	171.5	162.7	165.8	161.9	171.2	171.9
95.00	178.8	175.3	159.9	142.3	122.9	123.1	135.3	146.0	153.9	171.0	169.2	161.0	152.7	156.2	156.2	164.7	178.8
97.50	165.7	172.5	157.4	135.4	116.4	117.5	128.4	138.1	151.4	168.3	170.9	152.4	143.6	145.9	148.3	154.5	165.7
100.00	146.8	152.2	152.0	128.7	112.6	113.9	124.1	131.4	136.7	148.4	158.2	146.4	141.1	144.0	145.5	150.5	146.8
102.50	144.8	140.8	139.9	124.5	112.5	115.2	124.4	129.7	132.5	139.1	144.1	145.3	141.6	145.0	143.9	148.1	144.8
105.00	146.8	142.1	135.3	125.4	113.9	116.4	124.0	130.2	134.8	140.3	141.8	147.3	144.1	146.7	141.8	150.3	146.8
107.50	153.9	156.9	139.5	131.9	117.7	119.1	125.9	131.8	138.1	144.7	142.7	149.2	147.5	148.2	140.3	150.5	153.9
110.00	152.2	159.6	145.7	139.4	121.9	121.6	128.6	131.5	137.9	141.2	146.9	148.6	147.3	146.6	138.9	148.8	152.2
112.50	143.9	150.1	144.8	131.3	122.4	122.3	128.2	126.0	129.2	134.4	136.4	140.0	138.5	139.5	137.2	141.7	143.9
115.00	127.1	121.1	123.2	114.7	108.5	109.2	111.5	112.5	114.7	123.3	123.3	123.4	121.6	124.5	125.3	126.2	127.1
117.50	116.7	113.2	111.4	102.7	95.1	95.2	99.1	103.0	105.8	112.2	114.1	112.9	112.5	114.1	116.5	114.6	116.7

