

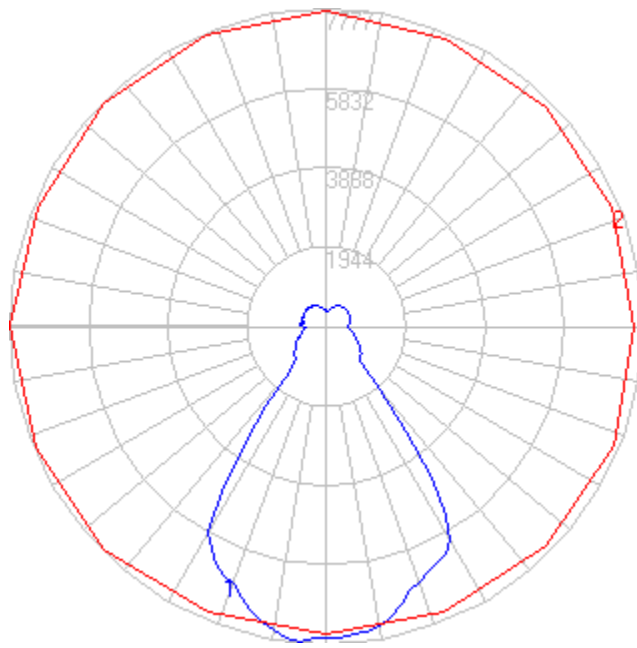


LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	05724
Date of Test	8/10/2016
Manufacturer	C.M.E.
Catalog Number	N.A.
Test Item	C.M.E. LED POD WITH CLEAR DOME LENS AND 816 INTERFACE REFLEXOR OPEN BOTTOM
Lamp	CREE LED BOARD OF 68 LEDS
Operating Orientation	PENDENT
Driver Type	INVENTRONICS EUD-200S070DT
Test Time	90 MINUTES
Ambient Temperature (C)	25.4
Stabilization Time	55 MINUTES
Power Factor	.997
Power (W)	157.26
Voltage(V)	120.02
Current(A)	1.3145
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	15971.07
Luminous Efficacy	101.56
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	1.18
Spacing Criterion(90-270)	1.18
Spacing Criterion(diagonal)	1.02
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	70	50	30	10		
0	113	113	113	113	108	108	108	108	98	98	98	89	89	89	80	80	80	76			
1	104	99	95	92	99	95	91	88	86	83	81	78	76	74	71	70	68	64			
2	96	88	82	77	91	85	79	75	77	73	69	71	67	64	64	62	59	56			
3	89	79	72	67	84	76	70	65	70	65	61	64	60	57	59	56	53	50			
4	82	72	64	59	78	69	62	57	64	58	54	59	54	51	54	50	47	45			
5	77	66	58	52	73	63	56	51	58	53	48	54	49	46	50	46	43	40			
6	72	60	52	47	68	58	51	46	54	48	43	50	45	41	47	42	39	37			
7	67	55	48	42	64	53	46	41	50	44	40	47	42	38	43	39	36	34			
8	63	51	44	39	60	49	43	38	46	40	36	43	38	35	41	36	33	31			
9	59	48	40	35	57	46	39	35	43	37	33	41	36	32	38	34	31	29			
10	56	44	37	33	54	43	36	32	40	35	31	38	33	30	36	32	29	27			

Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	5729.97		35.88%
0-40	8243.48		51.62%
0-60	9991.94		62.56%
0-90	12116.92		75.87%
90-110	1288.02		8.06%
90-130	2483.60		15.55%
90-150	3432.40		21.49%
90-180	3854.15		24.13%

	Zonal Lumens		Zonal Lumens
0-10	726.07	170-180	34.61
10-20	2027.36	160-170	132.68
20-30	2976.54	150-160	254.46
30-40	2513.51	140-150	376.88
40-50	869.84	130-140	571.92
50-60	878.62	120-130	571.92
60-70	809.21	110-120	623.66
70-80	710.03	100-110	641.22
80-90	605.74	90-100	646.80

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	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6	7639.6
2.50	7615.4	7609.7	7596.2	7622.0	7681.8	7710.9	7677.7	7625.2	7641.4	7643.3	7637.4	7646.9	7626.0	7611.2	7623.3	7616.3	7615.4
5.00	7558.6	7569.0	7584.3	7635.7	7727.4	7735.9	7718.7	7689.3	7776.5	7735.6	7715.1	7589.1	7539.1	7554.2	7616.3	7625.1	7558.6
7.50	7571.1	7502.7	7539.3	7552.2	7563.7	7623.5	7678.6	7656.8	7711.6	7663.0	7613.3	7573.5	7532.9	7589.3	7607.1	7630.3	7571.1
10.00	7442.1	7439.2	7540.4	7523.5	7562.0	7665.2	7570.1	7515.4	7554.8	7544.9	7527.2	7442.2	7499.8	7477.3	7462.7	7400.0	7442.1
12.50	7292.2	7473.5	7501.7	7501.9	7461.3	7444.0	7473.6	7442.6	7413.8	7398.4	7339.5	7245.9	7292.2	7335.1	7178.9	7198.2	7292.2
15.00	7056.6	7221.9	7292.3	7385.7	7350.4	7300.9	7277.1	7247.9	7189.9	7164.5	7045.5	7079.0	7045.9	7038.9	7001.2	7030.8	7056.6
17.50	6741.2	7012.5	7035.8	7188.6	7177.0	7112.5	7042.3	7045.0	6992.6	6906.7	6812.0	6863.8	6816.3	6786.8	6799.6	6847.1	6741.2
20.00	6644.2	6704.0	6863.9	6987.5	6956.2	6928.6	6805.6	6788.2	6719.7	6714.5	6617.9	6653.3	6635.1	6523.8	6621.4	6608.3	6644.2
22.50	6486.5	6572.4	6643.4	6783.3	6795.1	6690.8	6702.4	6747.4	6603.4	6543.1	6614.2	6494.3	6453.5	6503.0	6481.1	6543.0	6486.5
25.00	6397.2	6509.6	6456.7	6611.8	6570.4	6541.1	6452.4	6495.9	6437.3	6369.4	6353.6	6312.2	6298.8	6371.2	6339.0	6376.1	6397.2
27.50	6298.0	6361.0	6335.2	6395.7	6334.7	6281.1	6198.0	6265.0	6101.8	6165.8	6118.3	6095.4	6098.8	6049.6	6157.5	6098.3	6298.0
30.00	6058.0	6000.8	6066.2	6076.0	6033.5	6000.1	5943.2	5877.2	5806.2	5762.9	5658.4	5525.9	5716.1	5784.4	5811.6	5874.2	6058.0
32.50	5496.6	5522.1	5626.0	5642.6	5534.5	5468.4	5324.3	5133.0	4803.1	4654.8	4576.9	4571.8	4656.4	4905.0	5128.1	5152.5	5496.6
35.00	4527.2	4550.8	4574.9	4561.9	4468.3	4372.6	4152.2	3964.2	3550.9	3401.8	3317.3	3296.4	3405.1	3551.3	3793.6	4025.1	4527.2
37.50	3226.0	3219.1	3297.8	3326.8	3233.3	3165.5	2965.6	2810.9	2429.0	2237.5	2120.7	2145.5	2298.4	2409.5	2665.3	2901.9	3226.0
40.00	2018.0	2134.5	2197.4	2235.6	2149.6	2036.2	1874.7	1718.3	1411.8	1363.4	1308.5	1304.1	1366.2	1486.1	1604.8	1742.2	2018.0
42.50	1251.3	1321.0	1315.0	1292.1	1268.6	1201.8	1139.3	1128.0	1125.2	1128.4	1127.4	1128.0	1142.3	1165.2	1184.2	1201.4	1251.3
45.00	1167.8	1163.3	1149.5	1128.9	1109.0	1095.0	1090.5	1095.7	1096.8	1099.1	1096.2	1098.7	1110.2	1129.8	1147.8	1159.0	1167.8
47.50	1138.4	1135.1	1121.4	1103.0	1083.7	1069.3	1065.9	1069.4	1062.8	1062.9	1062.1	1065.2	1074.8	1091.0	1113.0	1127.2	1138.4
50.00	1098.7	1096.5	1085.1	1069.1	1052.5	1038.5	1033.0	1035.4	1031.9	1032.2	1030.7	1033.5	1043.0	1058.0	1076.1	1088.6	1098.7
52.50	1064.6	1067.0	1057.4	1043.4	1026.3	1010.0	1001.8	998.4	989.2	987.6	985.8	988.1	996.8	1010.8	1031.2	1047.4	1064.6
55.00	1017.1	1023.2	1017.7	1006.0	989.2	972.2	961.5	956.2	947.7	945.4	944.2	946.9	954.0	966.9	985.5	1000.8	1017.1
57.50	971.7	978.4	974.9	964.9	949.6	933.6	920.9	915.0	908.4	906.9	905.4	907.6	914.5	926.0	942.7	958.0	971.7
60.00	928.4	935.4	932.9	924.6	911.0	894.7	881.5	874.6	868.7	867.4	866.3	868.3	874.4	885.4	901.0	916.1	928.4
62.50	885.8	892.4	890.5	883.8	870.8	854.7	841.3	833.7	827.5	826.3	825.7	827.1	832.3	842.3	857.4	872.3	885.8
65.00	842.7	850.2	847.5	841.9	830.5	815.4	802.4	794.6	788.8	788.0	787.3	787.2	791.2	800.2	814.3	828.7	842.7
67.50	801.9	809.8	808.2	803.6	793.0	778.9	766.8	759.1	754.3	753.3	751.5	750.3	754.2	762.5	775.0	789.1	801.9
70.00	764.4	772.8	772.3	768.3	757.8	744.8	732.5	724.7	719.5	718.0	716.5	715.2	718.4	725.9	738.0	751.2	764.4
72.50	726.7	735.6	736.0	732.0	722.9	710.1	698.2	690.1	685.1	683.4	682.3	680.1	682.8	689.0	700.3	713.3	726.7
75.00	691.0	700.4	700.9	697.2	688.8	676.8	665.0	657.2	651.7	650.7	648.9	645.7	648.1	653.8	664.9	676.7	691.0
77.50	656.4	666.1	667.4	663.9	656.1	644.6	633.0	625.7	620.1	619.5	616.9	613.6	615.2	620.6	630.6	641.7	656.4
80.00	622.5	632.9	635.5	632.6	624.5	613.6	602.8	595.8	591.5	590.6	587.8	584.7	585.2	589.2	597.9	608.8	622.5
82.50	592.1	603.2	606.2	603.9	596.5	585.9	575.7	568.9	566.0	564.7	562.2	559.0	558.2	561.0	568.6	579.3	592.1
85.00	565.3	576.2	579.6	578.2	571.8	562.2	553.3	546.3	545.7	544.7	541.9	537.6	536.2	537.2	543.2	554.0	565.3
87.50	543.9	554.2	558.3	557.8	552.7	544.3	536.3	530.3	529.6	528.2	524.7	520.4	518.3	518.0	523.8	533.4	543.9
90.00	526.6	538.0	543.8	543.5	540.6	536.1	532.2	530.2	536.7	535.2	531.3	523.3	516.9	512.1	512.6	519.1	526.6
92.50	536.1	546.1	553.1	556.2	556.5	551.9	560.5	587.7	638.1	636.4	624.0	565.9	535.7	525.1	527.1	531.7	536.1
95.00	549.1	559.4	567.9	577.4	611.7	636.2	654.8	640.0	634.1	625.0	631.9	612.0	583.4	559.4	542.7	544.3	549.1
97.50	559.7	570.3	578.0	582.1	581.9	578.4	577.7	583.6	575.2	571.2	568.6	564.0	552.8	547.3	548.2	554.7	559.7
100.00	573.4	584.9	591.7	593.1	592.8	588.9	584.5	585.8	586.3	585.1	578.2	568.7	563.8	559.6	560.4	566.5	573.4
102.50	585.8	606.4	605.3	605.4	606.4	600.7	597.8	590.0	597.1	609.5	589.5	578.5	573.3	569.8	574.4	578.6	585.8
105.00	599.4	618.5	614.3	618.5	620.0	618.1	610.2	611.7	640.4	633.3	597.7	589.4	581.3	578.8	579.4	592.8	599.4
107.50	611.1	624.9	626.5	635.9	634.0	628.4	624.5	622.5	641.4	632.4	609.1	596.7	590.0	585.2	587.1	596.1	611.1
110.00	612.8	630.4	637.7	652.4	644.9	632.1	628.5	629.9	631.5	629.6	614.6	605.5	596.8	591.8	594.6	603.6	612.8
112.50	617.0	631.4	645.5	659.1	648.5	637.7	633.3	630.8	629.2	625.1	616.7	613.9	603.4	597.6	600.9	610.3	617.0
115.00	622.8	636.4	649.2	659.5	651.0	642.9	637.9	633.4	630.8	625.9	619.0	616.3	606.5	602.3	605.4	614.9	622.8

