

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P140965

Luminaire Tested: **EMM-F03-LED-E1-SL2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P140965
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33690)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: EMM-F03-LED-E1-SL2
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7127.3 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

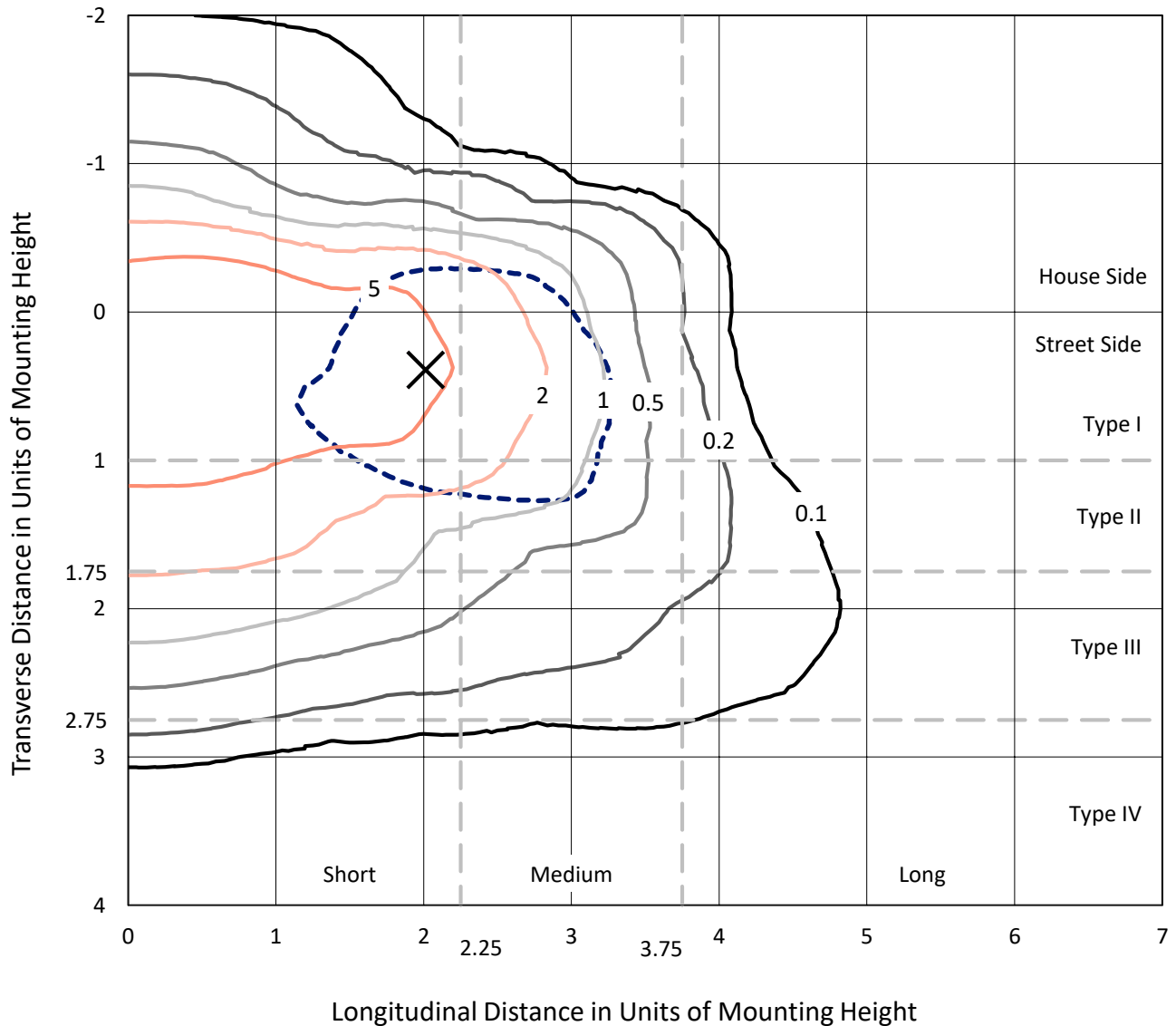


REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

Iso-Footcandle Lines of Horizontal Illumination

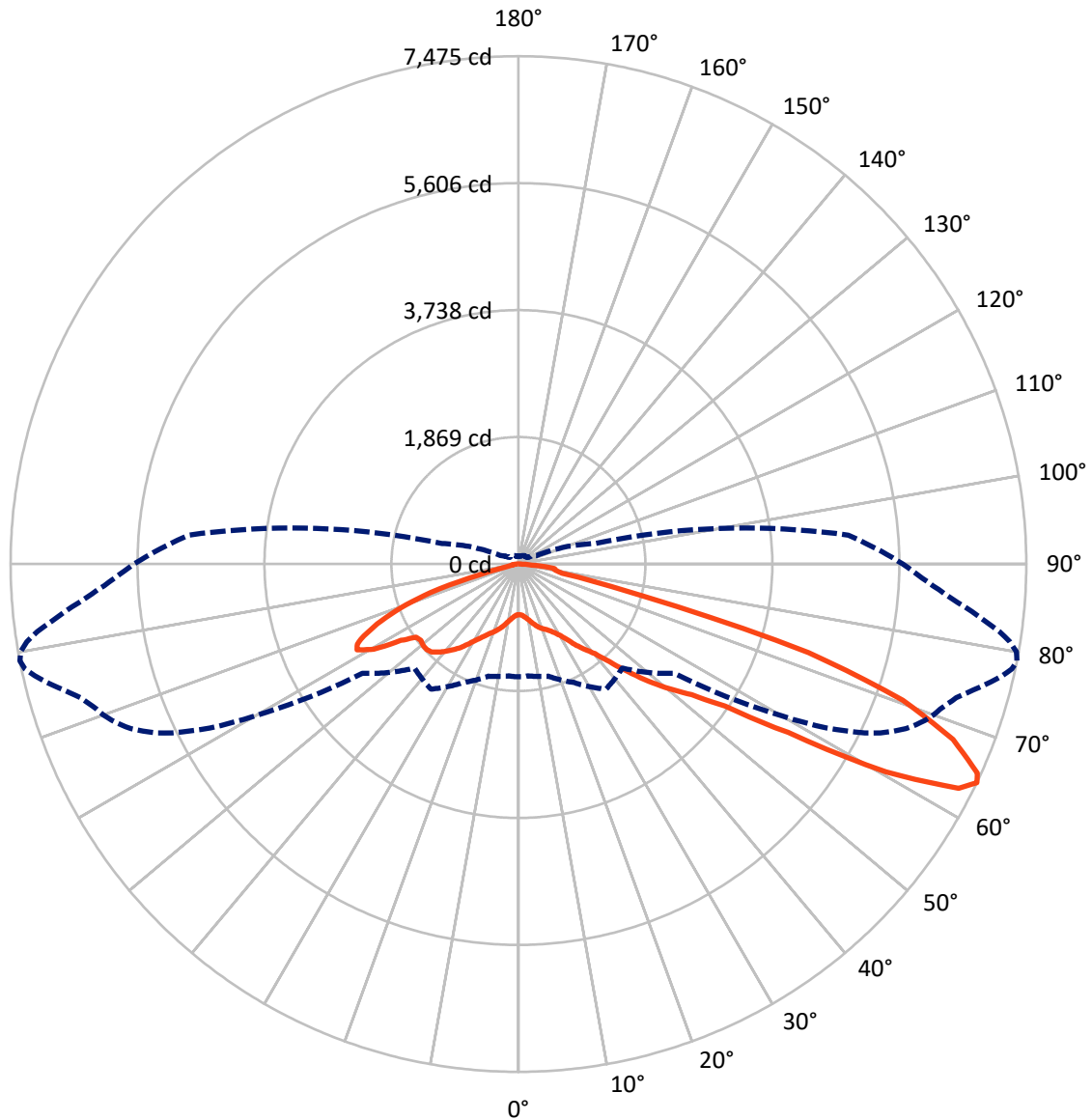
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P140965
CATALOG NUMBER: EMM-F03-LED-E1-SL2

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 64-Deg Vertical

REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1698.9	0.0	1698.9
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	5428.4	0.0	5428.4
	% Fixture	76.2	0.0	76.2
Total	Lumens	7127.3	0.0	7127.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.9	1.0
10°-20°	239.4	3.4
20°-30°	411.0	5.8
30°-40°	687.0	9.6
40°-50°	1176.9	16.5
50°-60°	1587.6	22.3
60°-70°	2008.2	28.2
70°-80°	801.3	11.2
80°-90°	142.1	2.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7127.3	100.0
0°-180°	7127.3	100.0



REPORT NUMBER: P140965

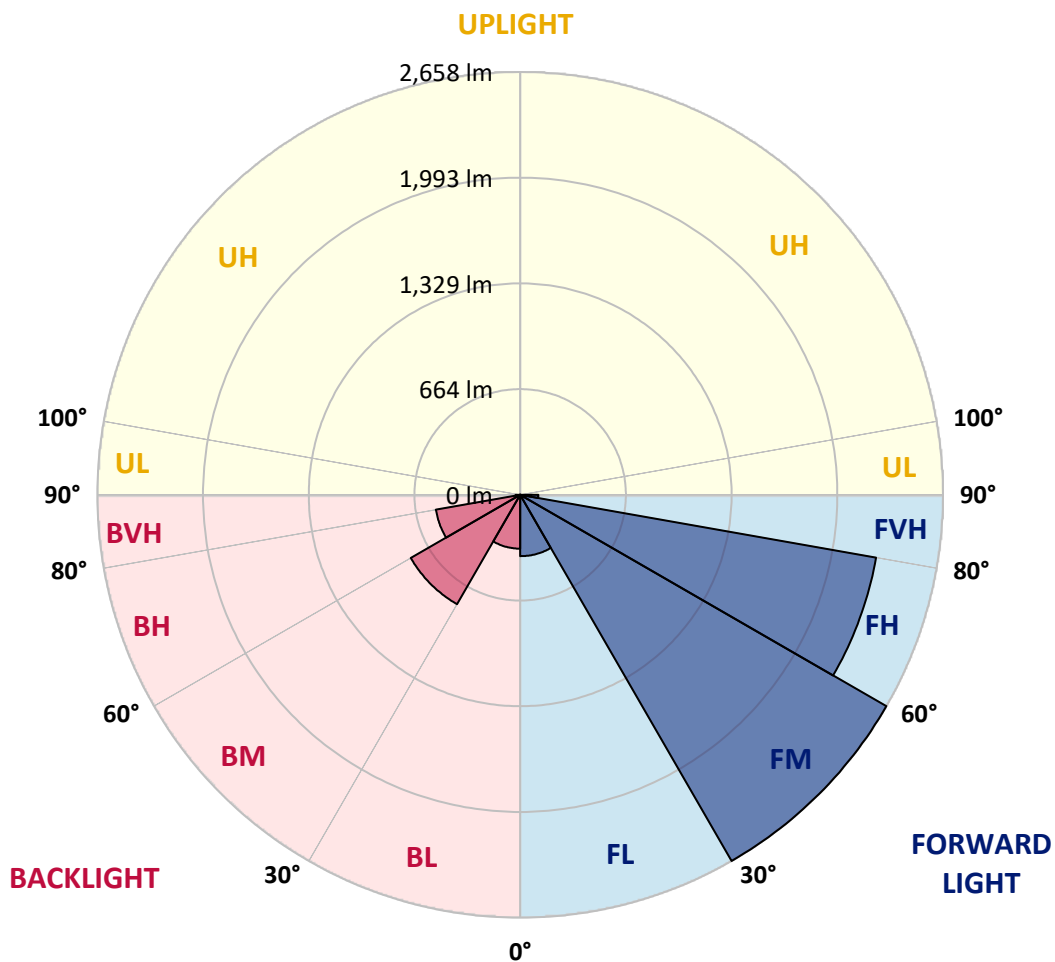
CATALOG NUMBER: EMM-F03-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	385.7	5.4			
FM	(30°-60°)	2657.5	37.3			
FH	(60°-80°)	2271.3	31.9			G2/5000
FVH	(80°-90°)	113.8	1.6			G2/225
BL	(0°-30°)	338.5	4.7	B1/500		
BM	(30°-60°)	793.9	11.1	B1/1000		
BH	(60°-80°)	538.1	7.6	B2/1000		G2/1000
BVH	(80°-90°)	28.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	742.1	743.0	742.1	744.6	746.3	748.8	748.8	748.8	748.8	748.8	748.8
5°	741.3	742.1	741.3	745.4	749.6	754.5	759.5	761.1	761.1	762.0	762.8
7.5°	748.8	749.6	748.8	753.7	759.5	767.7	776.8	781.8	782.6	783.4	785.1
10°	771.9	770.2	766.9	771.9	777.6	790.0	800.8	809.0	811.5	812.3	815.6
12.5°	802.4	801.6	795.8	793.3	796.6	810.7	830.5	842.0	844.5	845.3	848.6
15°	825.5	823.0	818.1	814.8	820.6	835.4	861.8	876.7	881.7	882.5	888.3
17.5°	840.4	838.7	830.5	828.0	837.1	860.2	893.2	911.4	914.7	917.2	923.8
20°	865.2	860.2	847.8	837.1	844.5	880.0	918.8	937.8	942.7	945.2	951.0
22.5°	898.2	894.0	879.2	851.9	851.9	891.6	941.9	963.4	967.5	972.5	979.1
25°	955.1	951.8	922.9	876.7	865.2	903.1	963.4	992.3	996.4	1002.2	1012.1
27.5°	1013.7	1009.6	977.4	915.5	888.3	924.6	994.8	1029.4	1035.2	1041.8	1053.4
30°	1088.9	1081.4	1049.2	977.4	933.7	959.3	1044.3	1088.0	1094.6	1102.9	1118.6
32.5°	1257.3	1260.6	1202.0	1126.0	1049.2	1038.5	1121.1	1174.7	1184.6	1195.4	1216.8
35°	1531.3	1518.1	1496.7	1419.1	1334.0	1249.8	1270.5	1328.3	1339.0	1342.3	1351.4
37.5°	1706.4	1713.8	1731.1	1731.1	1667.6	1632.1	1573.5	1545.4	1547.9	1551.2	1543.7
40°	1803.8	1819.5	1878.9	1959.0	2016.8	2049.0	2039.0	1907.8	1892.1	1871.5	1805.4
42.5°	1873.9	1889.6	1991.2	2144.7	2288.4	2402.3	2465.0	2361.8	2350.3	2300.7	2221.5
45°	1916.9	1929.3	2051.4	2269.4	2486.5	2680.5	2852.2	2815.9	2812.6	2770.5	2666.4
47.5°	1908.6	1919.3	2046.5	2309.0	2593.8	2857.1	3123.0	3189.0	3192.3	3181.6	3118.0
50°	1786.4	1812.0	1938.3	2221.5	2534.4	2925.7	3298.0	3470.5	3475.5	3485.4	3460.6
52.5°	1677.5	1697.3	1810.4	2063.8	2364.3	2858.0	3402.8	3676.9	3719.0	3742.9	3789.2
55°	1632.9	1644.4	1731.1	1946.6	2224.0	2677.2	3438.3	3826.3	3901.4	3946.8	4052.5
57.5°	1624.6	1633.7	1700.6	1864.9	2130.7	2490.6	3426.8	4026.9	4145.8	4231.6	4436.4
60°	1679.9	1688.2	1735.3	1873.1	2066.3	2354.4	3321.1	4291.1	4457.8	4689.0	5019.2
62.5°	1721.2	1725.3	1783.1	1976.3	2137.3	2221.5	3052.0	4476.0	4772.4	5066.2	5557.4
64°	1661.0	1652.7	1709.7	1922.6	2247.1	2164.5	2802.7	4466.9	4814.5	5140.5	5672.2
65°	1572.6	1578.4	1629.6	1817.8	2228.1	2162.0	2639.2	4367.9	4728.6	5074.5	5618.5
67.5°	1221.8	1244.1	1258.1	1430.6	1825.2	2232.2	2209.9	3737.2	4099.6	4429.8	5072.9
70°	657.1	654.6	686.0	822.2	1269.7	1894.6	1896.2	2634.3	3035.5	3445.7	4085.5
72.5°	241.9	254.3	279.0	375.6	659.6	1367.1	1737.7	1826.9	2006.0	2332.1	3018.1
75°	138.7	140.3	145.3	176.7	317.8	754.5	1614.7	1616.4	1629.6	1683.2	2056.4
77.5°	108.1	104.8	107.3	114.7	173.4	397.1	1295.2	1535.5	1533.8	1525.6	1580.1
80°	80.9	84.2	89.2	89.2	107.3	213.0	736.4	1366.2	1412.5	1447.1	1467.0
82.5°	65.2	67.7	80.1	80.1	78.4	120.5	347.5	1012.1	1157.4	1251.5	1397.6
85°	42.1	44.6	67.7	66.9	63.6	71.0	181.6	339.3	365.7	445.8	634.0
87.5°	11.6	14.0	31.4	27.2	33.0	26.4	67.7	103.2	127.1	143.6	180.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	748.8	748.8	748.8	749.6	749.6	749.6	749.6	749.6	750.4	748.8	748.8
5°	763.6	762.8	763.6	763.6	766.1	765.3	766.1	766.1	765.3	766.9	766.9
7.5°	787.6	785.9	787.6	788.4	789.2	792.5	792.5	794.2	795.0	795.8	794.2
10°	816.4	818.9	819.7	819.7	823.9	825.5	825.5	828.0	830.5	832.1	831.3
12.5°	851.9	853.6	854.4	859.4	860.2	862.7	866.8	869.3	869.3	873.4	875.9
15°	891.6	893.2	898.2	899.8	903.1	907.3	909.7	912.2	912.2	919.6	922.1
17.5°	925.4	928.7	932.0	934.5	940.3	944.4	948.5	951.0	955.1	958.4	964.2
20°	954.3	958.4	962.6	967.5	971.6	975.8	980.7	984.0	989.0	993.9	999.7
22.5°	982.4	987.3	992.3	996.4	1002.2	1006.3	1010.4	1016.2	1019.5	1024.5	1031.1
25°	1012.9	1021.2	1026.1	1031.9	1037.7	1043.5	1048.4	1053.4	1058.3	1064.9	1071.5
27.5°	1061.6	1065.8	1072.4	1075.7	1085.6	1092.2	1098.8	1099.6	1106.2	1118.6	1120.2
30°	1125.2	1132.6	1136.7	1148.3	1150.0	1152.4	1163.2	1170.6	1178.8	1188.8	1192.9
32.5°	1221.0	1227.6	1233.3	1236.6	1245.7	1260.6	1262.2	1268.8	1282.9	1285.3	1300.2
35°	1361.3	1362.9	1372.0	1377.0	1388.5	1396.8	1400.9	1406.7	1414.1	1431.5	1435.6
37.5°	1529.7	1543.7	1532.2	1520.6	1541.3	1538.8	1543.7	1537.1	1556.9	1557.8	1565.2
40°	1791.4	1785.6	1760.8	1734.4	1722.0	1714.6	1699.8	1696.5	1707.2	1702.2	1704.7
42.5°	2176.9	2122.4	2080.3	2049.0	2010.2	1968.1	1944.1	1907.8	1907.8	1897.1	1907.0
45°	2630.1	2569.0	2490.6	2416.3	2368.4	2313.1	2256.2	2218.2	2179.4	2150.5	2176.1
47.5°	3076.7	3035.5	2947.9	2879.4	2783.7	2701.1	2611.1	2532.7	2486.5	2452.6	2457.6
50°	3464.7	3426.8	3381.4	3288.9	3216.2	3132.0	3037.1	2933.9	2834.0	2793.6	2758.9
52.5°	3791.6	3778.4	3739.6	3696.7	3637.3	3547.3	3487.0	3388.8	3270.7	3185.7	3149.4
55°	4080.6	4103.7	4124.3	4115.2	4093.8	4082.2	4007.9	3941.1	3861.0	3836.2	3761.1
57.5°	4535.4	4602.3	4681.6	4725.3	4768.2	4866.5	4890.4	4864.8	4874.7	4868.1	4828.5
60°	5179.3	5341.1	5479.8	5590.5	5708.5	5823.3	5958.6	6047.8	6084.9	6228.6	6226.1
62.5°	5731.6	5947.1	6124.6	6257.5	6395.3	6499.4	6586.9	6676.0	6785.0	6889.0	7020.3
64°	5881.9	6051.1	6195.6	6314.4	6413.5	6498.5	6565.4	6647.1	6737.1	6871.7	7017.0
65°	5804.3	5995.0	6099.8	6207.1	6296.3	6362.3	6430.8	6505.1	6619.1	6725.6	6880.8
67.5°	5276.8	5421.2	5573.1	5673.0	5758.9	5797.7	5862.1	5924.0	5987.5	6094.9	6288.8
70°	4449.6	4611.4	4830.1	4924.3	5013.4	5027.4	5087.7	5133.9	5176.0	5318.9	5414.6
72.5°	3338.4	3652.1	3866.8	4031.9	4050.0	4120.2	4145.0	4163.9	4211.8	4238.2	4267.1
75°	2300.7	2583.1	2765.5	2828.2	2905.0	2867.9	2824.9	2673.9	2674.7	2546.7	2401.5
77.5°	1618.9	1662.6	1664.3	1665.1	1563.5	1504.1	1436.4	1349.7	1315.9	1248.2	1155.7
80°	1467.8	1462.8	1432.3	1395.1	1339.8	1260.6	1178.8	1121.9	1077.3	1027.0	960.9
82.5°	1416.6	1428.2	1405.9	1374.5	1342.3	1263.9	1169.8	1080.6	1007.1	927.1	846.2
85°	690.1	710.0	774.3	816.4	826.4	777.6	710.8	629.9	552.3	464.8	424.3
87.5°	207.2	222.1	227.0	241.1	258.4	235.3	207.2	185.7	149.4	129.6	101.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	748.8	749.6	749.6	748.8	749.6	749.6	750.4	749.6	749.6	749.6	748.8
5°	765.3	768.6	767.7	767.7	769.4	769.4	768.6	770.2	769.4	769.4	768.6
7.5°	796.6	796.6	799.1	799.9	798.3	798.3	799.9	800.8	802.4	803.2	803.2
10°	833.0	837.1	837.1	837.9	838.7	841.2	842.0	842.0	843.7	843.7	845.3
12.5°	877.5	879.2	880.8	885.0	885.8	885.8	889.9	889.1	889.1	893.2	894.0
15°	925.4	927.9	932.0	933.7	935.3	939.4	941.9	944.4	943.6	949.4	951.0
17.5°	967.5	970.0	974.9	979.1	981.5	984.0	985.7	989.0	993.9	998.1	998.9
20°	1001.4	1004.7	1010.4	1015.4	1019.5	1022.0	1028.6	1031.9	1033.6	1036.9	1041.0
22.5°	1034.4	1040.2	1045.9	1047.6	1056.7	1059.1	1064.1	1069.1	1072.4	1079.8	1082.3
25°	1075.7	1080.6	1088.0	1093.0	1098.8	1103.7	1108.7	1112.8	1120.2	1126.8	1130.1
27.5°	1130.1	1134.3	1140.0	1149.1	1154.1	1157.4	1166.5	1174.7	1178.0	1184.6	1190.4
30°	1202.0	1206.1	1214.3	1223.4	1227.6	1238.3	1244.9	1250.7	1257.3	1266.4	1274.6
32.5°	1306.8	1311.8	1319.2	1330.7	1330.7	1338.2	1352.2	1364.6	1369.5	1380.3	1386.1
35°	1444.7	1445.5	1453.7	1471.1	1476.0	1474.4	1487.6	1499.2	1502.5	1519.0	1529.7
37.5°	1578.4	1580.9	1590.8	1597.4	1606.5	1613.1	1622.2	1639.5	1639.5	1663.4	1673.3
40°	1717.1	1729.5	1731.1	1732.8	1747.6	1774.1	1783.1	1800.5	1816.2	1839.3	1850.0
42.5°	1918.5	1931.7	1947.4	1965.6	1987.9	2002.7	2020.1	2044.8	2051.4	2080.3	2087.8
45°	2194.2	2209.9	2252.0	2256.2	2295.8	2315.6	2344.5	2377.5	2385.8	2404.8	2394.8
47.5°	2469.1	2487.3	2533.5	2581.4	2617.7	2652.4	2660.7	2674.7	2687.1	2675.5	2678.8
50°	2773.8	2800.2	2843.9	2886.0	2913.3	2952.9	2952.9	2956.2	2944.6	2925.7	2895.1
52.5°	3130.4	3134.5	3162.6	3195.6	3220.4	3228.6	3228.6	3209.6	3181.6	3151.0	3091.6
55°	3725.6	3680.2	3688.4	3688.4	3670.3	3655.4	3643.9	3597.6	3542.3	3487.0	3432.5
57.5°	4798.0	4840.9	4712.9	4678.2	4679.9	4566.8	4520.6	4441.3	4381.9	4282.8	4199.4
60°	6327.6	6297.9	6255.8	6216.2	6219.5	6070.1	5965.2	5847.2	5744.0	5526.1	5433.6
62.5°	7137.5	7243.2	7303.4	7272.9	7202.7	7109.4	6937.7	6758.6	6577.0	6392.0	6226.1
64°	7167.2	7306.7	7425.6	7475.1	7442.1	7324.1	7149.0	6926.2	6709.9	6491.9	6291.3
65°	7023.6	7200.2	7353.8	7423.1	7424.8	7320.8	7145.7	6921.2	6690.1	6437.4	6228.6
67.5°	6427.5	6630.6	6781.7	6898.1	6998.0	6945.1	6823.8	6585.2	6366.4	6080.0	5851.3
70°	5533.5	5659.0	5829.0	5999.1	6079.2	6091.5	6046.1	5925.6	5669.7	5436.9	5142.2
72.5°	4264.7	4459.5	4359.6	4464.4	4531.3	4466.1	4474.3	4268.8	4186.2	3981.5	3774.3
75°	2258.6	2265.2	2222.3	1910.3	1871.5	1728.6	1887.1	1604.0	1507.4	1418.3	1303.5
77.5°	1047.6	912.2	785.9	656.3	536.6	469.7	366.5	322.8	290.6	255.9	263.3
80°	875.9	771.9	661.2	548.1	460.6	372.3	298.8	232.0	185.7	156.0	142.0
82.5°	775.2	683.5	606.8	537.4	474.7	388.0	318.7	246.0	189.0	142.8	110.6
85°	350.0	274.1	249.3	196.5	166.8	142.0	113.1	93.3	76.8	65.2	51.2
87.5°	81.7	56.1	47.9	45.4	39.6	37.1	31.4	33.0	27.2	21.5	22.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	748.8	748.8	749.6	749.6	750.4	752.1	754.5	752.1	752.1	752.1	752.9
5°	770.2	771.0	770.2	770.2	771.9	774.3	775.2	770.2	767.7	765.3	762.0
7.5°	801.6	804.9	804.1	804.1	805.7	805.7	804.1	796.6	789.2	777.6	767.7
10°	845.3	847.0	847.0	847.0	849.5	851.1	843.7	827.2	807.4	786.7	768.6
12.5°	897.3	896.5	899.0	901.5	899.8	899.8	885.8	860.2	828.0	794.2	762.8
15°	951.8	952.7	952.7	956.8	957.6	954.3	932.0	892.4	842.9	791.7	741.3
17.5°	1003.0	1004.7	1005.5	1008.8	1012.9	1003.8	971.6	918.0	845.3	768.6	700.9
20°	1045.9	1048.4	1050.9	1053.4	1057.5	1050.9	1008.0	930.4	832.1	731.4	653.8
22.5°	1084.7	1088.9	1090.5	1094.6	1101.3	1093.0	1041.0	930.4	802.4	691.0	601.0
25°	1131.8	1136.7	1145.0	1146.7	1158.2	1149.1	1067.4	923.8	768.6	639.8	544.0
27.5°	1193.7	1198.7	1206.1	1210.2	1224.3	1211.9	1087.2	906.4	726.5	584.5	488.7
30°	1275.4	1280.4	1289.5	1293.6	1319.2	1277.9	1100.4	880.0	677.8	520.1	425.1
32.5°	1389.4	1402.6	1401.7	1412.5	1435.6	1351.4	1106.2	842.9	616.7	454.9	365.7
35°	1538.8	1547.9	1556.1	1571.0	1581.7	1429.8	1102.1	794.2	540.7	387.2	313.7
37.5°	1682.4	1698.1	1703.9	1713.8	1711.3	1482.6	1085.6	718.2	458.2	326.9	278.2
40°	1861.6	1870.6	1888.8	1897.9	1854.1	1533.0	1046.8	616.7	375.6	287.3	255.1
42.5°	2100.1	2111.7	2102.6	2100.1	2015.9	1561.1	972.5	515.1	314.5	258.4	236.1
45°	2389.9	2394.8	2367.6	2349.4	2202.5	1558.6	864.3	419.4	272.4	236.9	219.6
47.5°	2651.6	2641.7	2606.2	2578.9	2364.3	1500.8	728.9	345.9	250.1	219.6	206.4
50°	2867.9	2824.1	2786.1	2751.5	2493.9	1412.5	599.3	291.4	228.7	205.6	193.2
52.5°	3063.5	3004.1	2959.5	2900.9	2612.0	1296.1	496.1	254.3	207.2	191.5	179.1
55°	3353.3	3283.9	3227.0	3169.2	2820.8	1205.3	429.3	226.2	185.7	176.7	165.1
57.5°	4184.6	3998.8	3948.5	3896.5	3380.5	1185.5	390.5	203.9	169.2	162.6	155.2
60°	5321.3	5200.8	5119.9	4992.8	4310.1	1249.0	361.6	187.4	157.7	153.5	146.9
62.5°	6062.7	5917.4	5783.6	5654.0	4855.7	1247.4	326.1	176.7	151.1	150.2	140.3
64°	6109.7	5947.1	5797.7	5658.1	4873.1	1165.6	293.9	169.2	151.1	151.1	136.2
65°	6032.1	5868.7	5714.3	5569.0	4774.0	1102.9	272.4	165.9	153.5	152.7	133.7
67.5°	5636.7	5472.4	5299.0	5143.0	4354.6	864.3	215.5	160.2	166.8	161.0	131.3
70°	4937.5	4750.9	4620.5	4508.2	3738.0	603.5	170.9	163.5	182.4	170.9	137.9
72.5°	3578.7	3426.8	3425.1	3298.0	2829.9	383.0	137.9	162.6	181.6	169.2	142.8
75°	1390.2	1192.1	1185.5	1230.0	1203.6	207.2	118.9	143.6	148.6	141.2	126.3
77.5°	237.8	233.6	231.1	243.5	268.3	114.7	109.0	122.2	110.6	99.9	104.8
80°	132.1	126.3	124.7	124.7	117.2	94.1	96.6	97.4	80.1	74.3	86.7
82.5°	91.6	85.0	81.7	79.3	76.8	84.2	85.9	76.8	57.8	57.0	80.9
85°	44.6	42.1	41.3	41.3	47.1	79.3	71.0	59.4	38.8	38.8	87.5
87.5°	19.0	19.0	16.5	16.5	25.6	50.4	32.2	24.8	15.7	18.2	35.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P140965

CATALOG NUMBER: EMM-F03-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	745.4	745.4	745.4
2.5°	752.1	753.7	752.9
5°	757.8	757.8	756.2
7.5°	757.0	753.7	752.1
10°	752.1	743.0	742.1
12.5°	738.8	724.0	719.9
15°	700.9	681.1	676.1
17.5°	653.0	629.9	623.3
20°	598.5	572.1	563.0
22.5°	545.7	515.1	506.0
25°	487.9	457.3	452.4
27.5°	424.3	395.4	388.0
30°	365.7	340.9	335.2
32.5°	312.9	295.5	295.5
35°	278.2	263.3	263.3
37.5°	251.0	244.4	243.5
40°	232.8	227.0	226.2
42.5°	218.8	212.2	211.3
45°	203.9	197.3	197.3
47.5°	189.9	182.4	183.3
50°	175.8	170.1	170.1
52.5°	164.3	158.5	157.7
55°	153.5	147.8	146.9
57.5°	143.6	137.0	136.2
60°	133.7	127.1	125.5
62.5°	125.5	118.1	116.4
64°	120.5	113.1	111.4
65°	118.1	109.8	109.0
67.5°	115.6	104.8	104.0
70°	124.7	103.2	99.1
72.5°	125.5	100.7	95.8
75°	118.9	95.8	91.6
77.5°	104.8	87.5	82.6
80°	100.7	68.5	60.3
82.5°	92.5	56.1	47.1
85°	75.9	36.3	33.8
87.5°	43.8	23.9	17.3
90°	0.0	0.0	0.0

(END OF REPORT)