

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: P180493

Luminaire Tested: **ICM-F04-LED-E1-SL2**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180493
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F04-LED-E1-SL2
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9384.4 lumens
Efficiency: N/A
Efficacy: 91.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

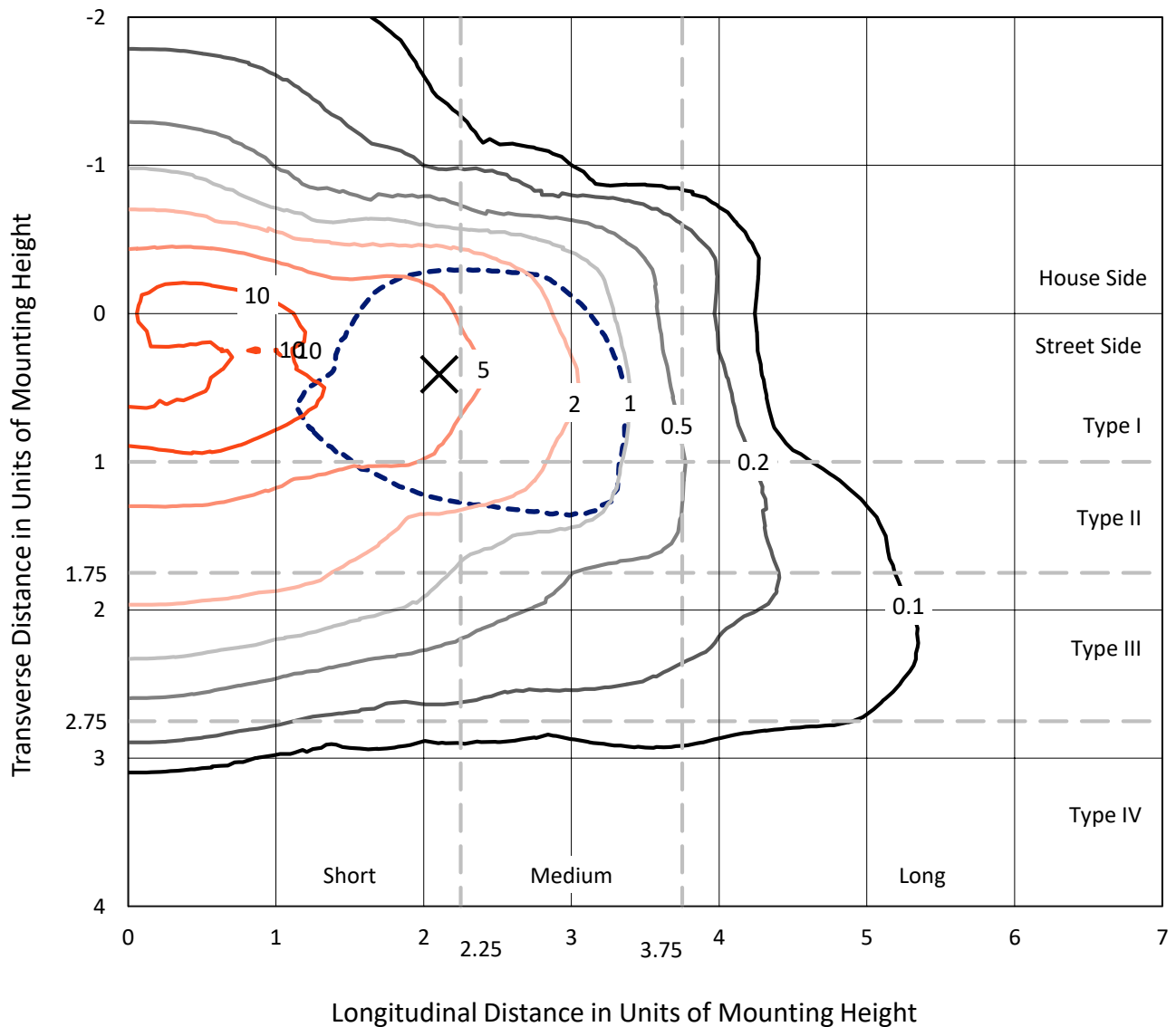
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P180493
 CATALOG NUMBER: ICM-F04-LED-E1-SL2

Iso-Footcandle Lines of Horizontal Illumination

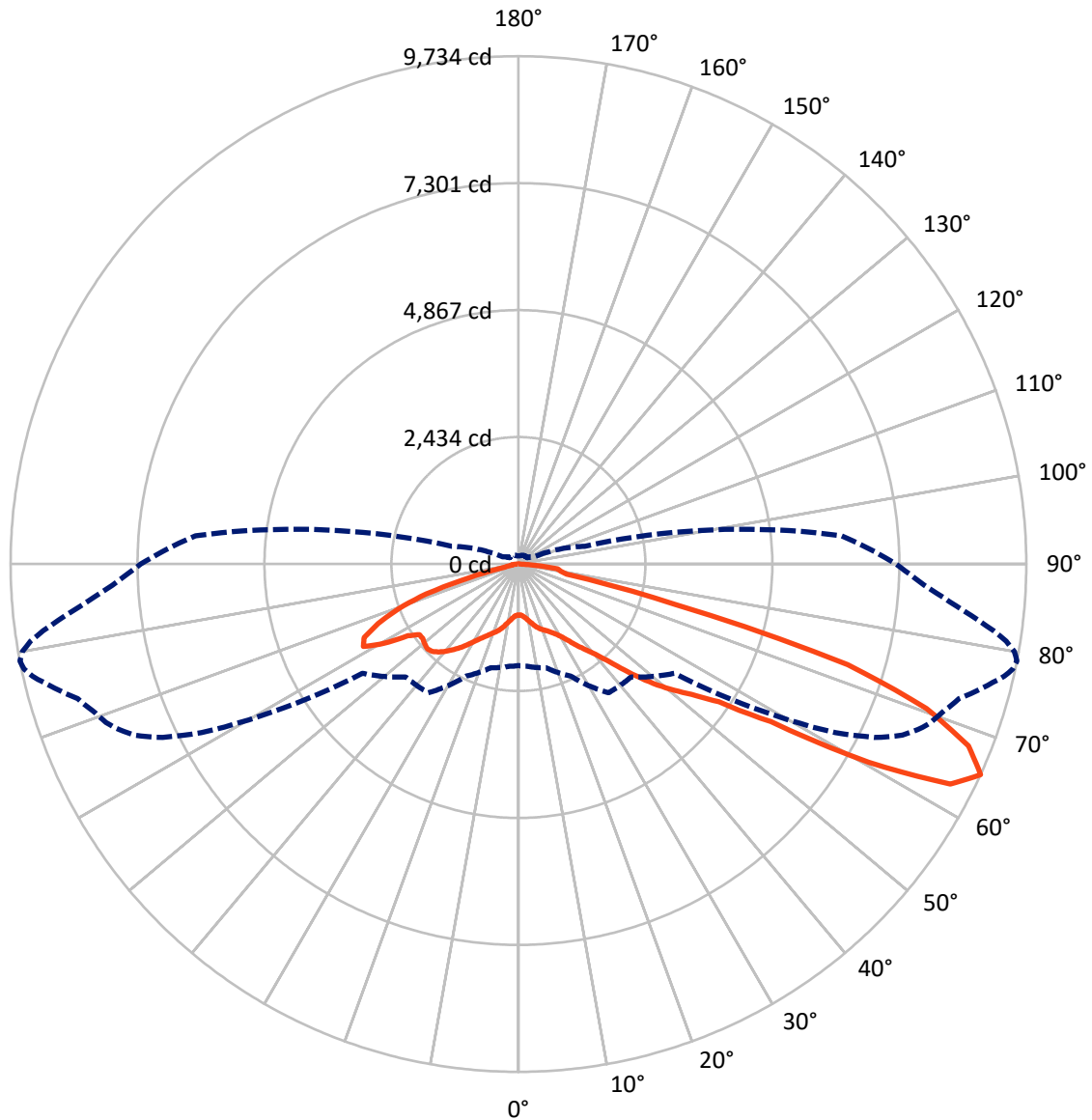
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.9 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180493
CATALOG NUMBER: ICM-F04-LED-E1-SL2

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P180493

CATALOG NUMBER: ICM-F04-LED-E1-SL2

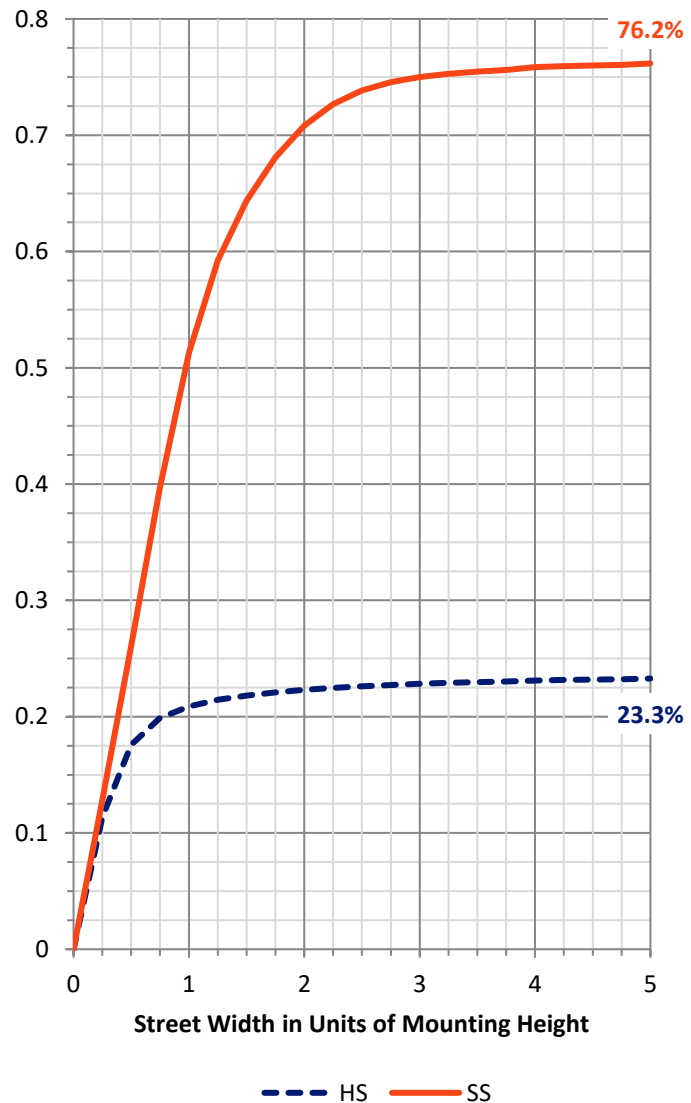
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2218.5	0.0	2218.5
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	7166.0	0.0	7166.0
	% Fixture	76.4	0.0	76.4
Total	Lumens	9384.4	0.0	9384.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.1	1.0
10°-20°	317.5	3.4
20°-30°	548.4	5.8
30°-40°	907.8	9.7
40°-50°	1539.5	16.4
50°-60°	2045.6	21.8
60°-70°	2642.4	28.2
70°-80°	1108.2	11.8
80°-90°	178.0	1.9
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°	9384.4	100.0
0°-180°	9384.4	100.0



REPORT NUMBER: P180493

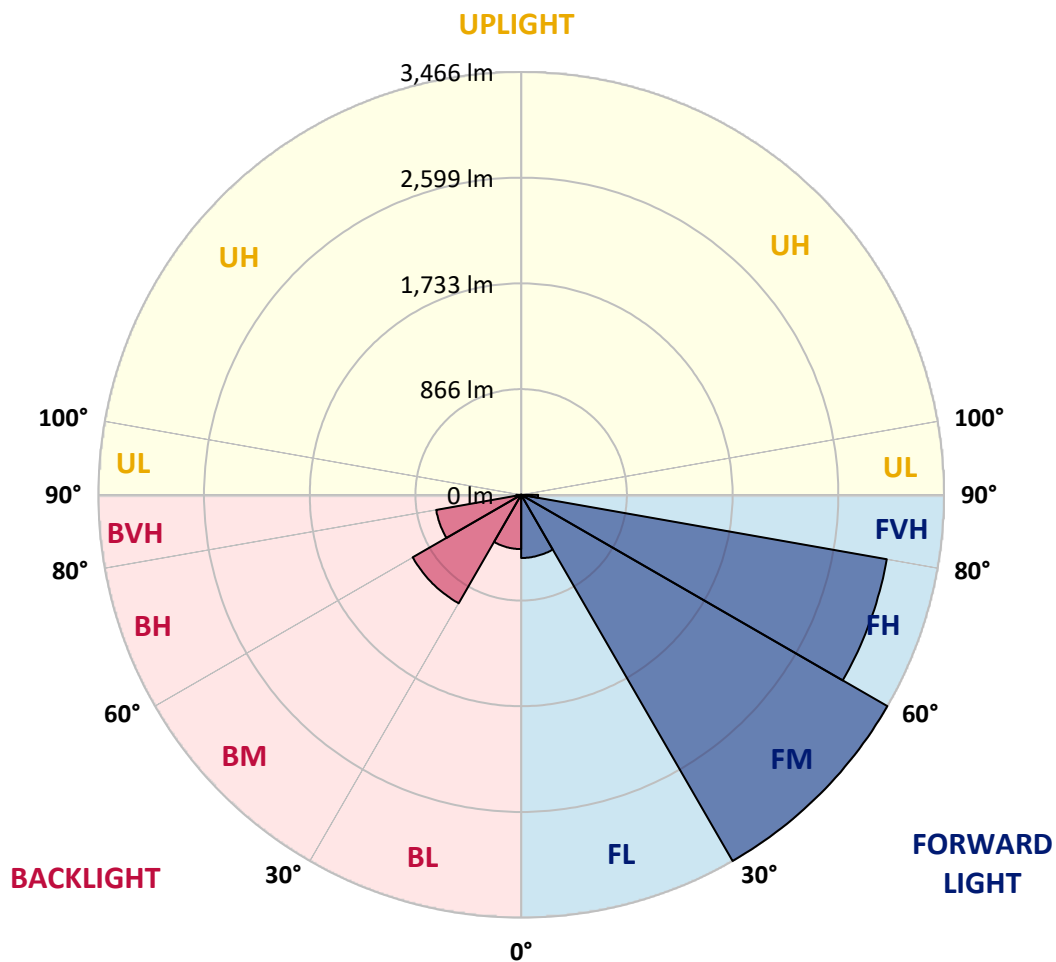
CATALOG NUMBER: ICM-F04-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	517.8	5.5			
FM (30°-60°)	3466.0	36.9			
FH (60°-80°)	3043.0	32.4			G2/5000
FVH (80°-90°)	139.2	1.5			G2/225
BL (0°-30°)	445.2	4.7	B1/500		
BM (30°-60°)	1026.9	10.9	B2/2500		
BH (60°-80°)	707.5	7.5	B2/1000		G2/1000
BVH (80°-90°)	38.8	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: P180493

CATALOG NUMBER: ICM-F04-LED-E1-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8
2.5°	973.8	976.8	974.8	976.8	978.9	979.9	982.0	980.9	980.9	982.0	979.9
5°	973.8	973.8	976.8	982.0	984.0	990.1	997.3	996.3	997.3	996.3	998.3
7.5°	994.2	993.2	996.3	1002.4	1004.5	1013.7	1026.0	1028.0	1030.1	1030.1	1033.1
10°	1030.1	1029.0	1032.1	1035.2	1038.2	1045.4	1062.8	1070.0	1071.0	1072.0	1076.1
12.5°	1075.1	1074.1	1070.0	1070.0	1068.9	1082.2	1105.9	1119.2	1121.2	1125.3	1128.4
15°	1106.9	1103.8	1097.7	1093.5	1098.7	1120.2	1155.0	1170.3	1172.4	1175.4	1183.6
17.5°	1137.6	1134.5	1121.2	1111.0	1118.1	1152.9	1200.0	1216.4	1220.5	1223.5	1232.8
20°	1180.6	1178.5	1159.1	1134.5	1132.5	1177.5	1234.8	1256.4	1259.4	1263.5	1272.8
22.5°	1246.1	1236.8	1214.3	1168.3	1145.8	1191.8	1259.4	1289.1	1293.2	1297.3	1309.6
25°	1328.0	1323.9	1285.0	1214.3	1167.3	1206.1	1286.1	1322.9	1329.0	1334.1	1350.5
27.5°	1413.0	1406.9	1364.8	1272.8	1205.1	1234.8	1328.0	1370.0	1378.1	1386.3	1401.8
30°	1488.8	1486.7	1451.9	1351.5	1266.6	1289.1	1395.6	1446.8	1456.0	1466.2	1480.6
32.5°	1666.9	1667.9	1632.1	1529.7	1415.1	1387.4	1492.8	1569.7	1573.8	1586.1	1611.6
35°	2007.9	2012.0	1998.7	1917.8	1788.8	1675.1	1685.4	1761.1	1765.2	1775.5	1800.0
37.5°	2236.2	2244.4	2285.4	2311.0	2245.4	2193.2	2063.2	2033.5	2036.6	2030.4	2025.3
40°	2362.2	2374.4	2482.0	2615.1	2686.7	2687.7	2631.5	2500.4	2450.2	2435.9	2374.4
42.5°	2433.9	2454.3	2606.9	2834.2	3040.0	3181.3	3216.1	3070.7	3033.9	2968.3	2850.5
45°	2480.9	2505.5	2685.7	2996.9	3300.1	3540.7	3721.9	3657.4	3632.9	3593.0	3484.4
47.5°	2472.8	2492.2	2679.6	3052.3	3436.2	3778.3	4099.7	4166.3	4136.6	4126.4	4052.7
50°	2323.3	2340.7	2531.1	2915.1	3361.5	3868.3	4339.4	4527.7	4527.7	4547.2	4524.7
52.5°	2163.5	2177.9	2350.9	2695.9	3119.8	3780.3	4472.5	4784.8	4825.7	4859.5	4912.8
55°	2103.1	2120.5	2251.5	2546.4	2914.1	3528.4	4517.5	4977.2	5053.1	5110.4	5231.2
57.5°	2131.8	2149.2	2242.3	2465.6	2793.2	3271.4	4519.6	5236.3	5382.7	5500.5	5745.2
60°	2255.6	2272.1	2349.9	2540.3	2761.5	3122.9	4432.5	5649.0	5882.4	6103.6	6511.1
62.5°	2198.3	2218.8	2332.5	2664.2	2998.0	3010.3	4118.2	5968.4	6344.1	6670.8	7318.9
65°	1947.5	1968.9	2058.1	2368.3	3012.4	3059.5	3652.3	5974.5	6441.4	6882.7	7582.1
67.5°	1478.5	1486.7	1557.4	1806.2	2409.2	3113.7	3173.1	5267.0	5711.4	6203.9	6925.7
70°	755.6	770.0	790.4	997.3	1551.3	2573.1	2726.7	3881.7	4447.8	4956.8	5824.0
72.5°	262.1	267.3	287.7	380.9	755.6	1688.5	2386.7	2660.1	3002.2	3478.3	4482.7
75°	157.7	157.7	164.8	192.5	345.0	879.5	2123.6	2172.8	2218.8	2378.5	3035.9
77.5°	124.9	127.0	127.0	132.1	191.4	451.5	1612.7	2020.2	2026.3	2041.7	2152.3
80°	89.1	93.2	101.4	105.5	123.9	247.8	905.1	1773.4	1894.2	1952.6	2033.5
82.5°	66.5	70.6	86.0	91.2	96.3	138.2	406.5	1223.5	1443.7	1560.5	1845.1
85°	29.7	34.8	58.3	64.5	67.5	73.8	190.4	348.1	400.4	449.5	592.8
87.5°	5.1	5.1	9.2	13.3	19.4	18.4	42.0	59.3	60.4	70.6	78.9
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: P180493

CATALOG NUMBER: ICM-F04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8
2.5°	979.9	979.9	979.9	978.9	979.9	979.9	979.9	979.9	980.9	980.9	980.9
5°	1001.4	999.4	1000.4	1000.4	1000.4	999.4	1001.4	1000.4	1001.4	1004.5	1003.4
7.5°	1033.1	1035.2	1036.2	1037.2	1037.2	1037.2	1038.2	1040.3	1040.3	1043.4	1042.3
10°	1080.2	1079.2	1080.2	1083.3	1086.3	1087.4	1090.4	1089.4	1091.4	1095.5	1099.7
12.5°	1130.4	1132.5	1135.5	1138.6	1143.7	1144.8	1147.8	1148.8	1155.0	1155.0	1159.1
15°	1186.7	1187.7	1193.9	1194.9	1201.0	1203.1	1208.2	1210.2	1217.4	1218.4	1222.5
17.5°	1237.9	1239.9	1243.0	1246.1	1253.3	1256.4	1260.5	1264.6	1270.7	1272.8	1279.9
20°	1278.9	1283.0	1284.0	1290.1	1296.3	1300.4	1304.5	1308.6	1314.7	1317.8	1324.9
22.5°	1315.7	1319.8	1322.9	1328.0	1332.1	1338.2	1340.3	1347.5	1353.6	1358.7	1364.8
25°	1355.6	1361.8	1364.8	1374.1	1377.1	1383.3	1388.4	1395.6	1403.8	1410.0	1418.1
27.5°	1412.0	1421.2	1425.3	1435.5	1442.7	1445.8	1454.0	1464.2	1471.4	1478.5	1486.7
30°	1489.8	1507.2	1510.2	1517.4	1530.7	1532.8	1543.1	1551.3	1562.5	1569.7	1576.8
32.5°	1610.6	1632.1	1634.1	1642.3	1653.6	1657.7	1665.9	1675.1	1692.6	1695.6	1706.9
35°	1795.9	1805.1	1813.3	1816.4	1825.6	1830.8	1836.9	1847.2	1864.6	1862.5	1874.8
37.5°	2018.2	2021.2	2022.2	2012.0	2014.1	2004.8	2016.1	2018.2	2024.3	2029.4	2041.7
40°	2335.5	2303.8	2299.7	2275.2	2250.5	2237.2	2232.1	2211.6	2216.8	2218.8	2229.0
42.5°	2799.4	2738.0	2686.7	2651.9	2591.6	2561.9	2521.9	2490.2	2465.6	2474.8	2478.9
45°	3387.1	3299.1	3217.1	3110.6	3031.8	2975.5	2904.9	2841.3	2812.7	2799.4	2815.7
47.5°	3973.8	3896.0	3799.7	3690.2	3565.2	3472.1	3354.3	3250.9	3179.3	3152.7	3167.0
50°	4480.7	4409.0	4336.3	4271.7	4126.4	4025.0	3864.2	3730.1	3617.5	3560.1	3544.8
52.5°	4901.5	4863.6	4824.7	4770.4	4653.7	4552.3	4424.3	4292.2	4142.7	4026.1	3986.1
55°	5277.2	5299.8	5280.3	5281.3	5235.3	5170.7	5062.3	4963.9	4859.5	4727.4	4672.1
57.5°	5825.1	5958.2	5984.8	6051.3	6084.1	6118.9	6149.6	6091.3	6064.6	5966.4	5967.4
60°	6688.2	6882.7	7051.7	7205.3	7331.2	7454.1	7583.1	7640.4	7704.0	7733.6	7835.0
62.5°	7606.7	7792.0	8043.9	8249.6	8365.4	8525.1	8665.4	8756.5	8868.1	8986.8	9141.5
65°	7834.0	8057.2	8215.9	8353.1	8467.8	8552.7	8629.5	8738.1	8831.2	9019.7	9201.9
67.5°	7251.4	7429.5	7574.9	7710.1	7799.1	7870.8	7939.4	8011.1	8170.8	8341.8	8525.1
70°	6224.4	6439.4	6680.0	6855.1	6899.1	6960.6	7026.1	7119.3	7199.1	7378.3	7517.5
72.5°	5000.8	5310.0	5513.8	5756.4	5808.7	5901.8	5938.7	6011.4	6025.7	6123.0	6159.9
75°	3485.4	3839.7	4044.5	4222.6	4257.4	4206.3	4226.7	3969.7	3904.2	3850.9	3807.9
77.5°	2300.8	2395.9	2428.8	2400.0	2262.8	2155.4	2040.7	1928.0	1940.3	1849.2	1689.5
80°	2045.8	2067.3	2037.6	2008.9	1930.1	1817.4	1714.1	1608.6	1556.4	1501.0	1419.2
82.5°	1990.5	2073.4	2082.6	2047.8	1985.4	1862.5	1737.6	1580.9	1447.8	1324.9	1200.0
85°	665.6	810.0	874.4	934.8	953.3	974.8	901.0	800.7	679.9	599.0	468.9
87.5°	85.0	105.5	121.9	104.5	121.9	143.3	103.4	115.7	116.7	72.7	54.2
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: P180493
 CATALOG NUMBER: ICM-F04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8
2.5°	982.0	980.9	980.9	980.9	979.9	980.9	980.9	980.9	980.9	980.9	979.9
5°	1004.5	1004.5	1007.5	1008.6	1006.5	1005.5	1006.5	1007.5	1007.5	1006.5	1007.5
7.5°	1046.4	1047.4	1049.5	1052.6	1050.5	1051.5	1052.6	1051.5	1054.6	1055.6	1054.6
10°	1099.7	1101.8	1106.9	1107.9	1106.9	1111.0	1112.0	1110.0	1112.0	1112.0	1116.1
12.5°	1161.1	1163.2	1169.3	1171.4	1173.4	1174.4	1177.5	1178.5	1181.6	1183.6	1186.7
15°	1227.6	1229.7	1233.8	1240.9	1243.0	1245.1	1247.2	1253.3	1254.3	1258.4	1261.5
17.5°	1284.0	1287.1	1293.2	1298.3	1301.4	1306.5	1308.6	1315.7	1317.8	1323.9	1329.0
20°	1329.0	1334.1	1339.3	1345.4	1350.5	1356.7	1358.7	1365.9	1370.0	1373.0	1379.2
22.5°	1370.0	1376.1	1383.3	1390.5	1394.6	1402.8	1405.9	1408.9	1418.1	1422.2	1428.4
25°	1423.3	1429.4	1437.6	1446.8	1450.9	1461.1	1464.2	1469.3	1479.5	1483.6	1492.8
27.5°	1495.9	1504.1	1510.2	1519.5	1524.6	1531.7	1539.0	1545.1	1554.3	1560.5	1570.7
30°	1587.1	1593.2	1603.5	1610.6	1618.8	1629.0	1637.2	1643.4	1648.5	1657.7	1668.9
32.5°	1721.2	1722.2	1725.3	1742.7	1750.9	1759.1	1770.3	1775.5	1783.6	1792.8	1805.1
35°	1888.1	1897.3	1904.5	1912.7	1921.9	1931.1	1935.2	1950.5	1957.7	1970.0	1982.3
37.5°	2054.0	2055.0	2071.4	2076.5	2084.7	2093.9	2108.2	2123.6	2142.1	2154.3	2173.8
40°	2232.1	2240.3	2260.8	2271.1	2281.3	2303.8	2315.1	2339.6	2370.3	2387.7	2420.6
42.5°	2490.2	2502.4	2539.3	2555.6	2580.3	2617.1	2640.7	2674.4	2686.7	2728.8	2744.1
45°	2828.0	2866.0	2919.2	2954.0	2998.0	3038.0	3058.4	3073.8	3092.2	3124.9	3120.9
47.5°	3193.6	3242.7	3302.2	3373.8	3402.4	3449.6	3476.2	3505.9	3489.5	3481.3	3473.1
50°	3568.3	3625.7	3704.5	3769.0	3813.0	3841.7	3864.2	3860.1	3825.3	3806.9	3755.7
52.5°	3985.0	4018.8	4093.6	4148.9	4175.6	4181.7	4176.6	4145.8	4113.0	4054.7	3994.3
55°	4624.0	4608.7	4638.4	4663.9	4655.7	4684.4	4610.7	4582.0	4501.1	4425.3	4344.5
57.5°	5922.3	5942.8	5776.9	5702.2	5688.9	5715.5	5585.4	5569.1	5373.5	5349.0	5212.8
60°	7820.6	7921.0	7790.9	7718.3	7521.6	7457.2	7311.8	7251.4	7064.0	6912.4	6721.0
62.5°	9248.0	9339.1	9393.4	9290.0	9175.3	9006.4	8786.2	8542.5	8343.9	8111.4	7908.7
65°	9377.0	9561.3	9686.2	9734.4	9653.5	9468.2	9196.8	8889.6	8585.5	8293.7	8037.7
67.5°	8773.9	8938.8	9132.2	9305.4	9315.6	9194.8	8963.3	8651.0	8299.9	7939.4	7639.4
70°	7737.7	7944.5	8113.4	8295.8	8422.7	8353.1	8237.4	7950.7	7586.2	7305.6	6960.6
72.5°	6293.0	6380.0	6421.0	6600.1	6602.2	6475.2	6393.3	6234.6	5940.8	5742.1	5478.9
75°	3674.8	3483.4	3279.6	3102.4	2958.1	2897.7	2629.4	2584.4	2404.1	2292.6	2128.8
77.5°	1515.4	1344.4	1124.3	940.9	759.7	677.9	559.1	506.8	439.3	409.6	390.1
80°	1299.4	1137.6	971.7	813.0	671.7	530.4	412.7	320.5	251.9	214.0	198.6
82.5°	1060.8	963.5	847.8	761.8	651.2	545.8	460.7	357.3	267.3	196.6	150.5
85°	383.0	314.3	252.9	232.5	185.3	152.6	128.0	109.6	90.1	71.6	63.4
87.5°	43.0	40.9	23.5	22.5	25.6	18.4	21.5	19.4	16.4	14.3	15.3
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: P180493

CATALOG NUMBER: ICM-F04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8	976.8
2.5°	979.9	979.9	980.9	980.9	982.0	983.0	985.0	984.0	984.0	985.0	985.0
5°	1007.5	1010.6	1009.6	1009.6	1009.6	1010.6	1011.6	1007.5	1003.4	999.4	997.3
7.5°	1055.6	1057.7	1059.7	1057.7	1059.7	1058.7	1056.7	1045.4	1032.1	1015.7	1004.5
10°	1118.1	1118.1	1120.2	1119.2	1123.3	1120.2	1114.1	1088.4	1059.7	1024.9	999.4
12.5°	1185.7	1192.8	1189.8	1190.8	1199.0	1190.8	1176.5	1138.6	1087.4	1031.1	986.1
15°	1265.6	1268.7	1270.7	1267.6	1272.8	1265.6	1239.9	1179.5	1104.8	1026.0	959.4
17.5°	1331.1	1332.1	1333.1	1335.2	1342.3	1334.1	1290.1	1208.2	1108.9	1002.4	914.3
20°	1382.2	1387.4	1391.5	1391.5	1401.8	1389.4	1331.1	1222.5	1095.5	963.5	857.0
22.5°	1435.5	1439.6	1444.8	1445.8	1459.1	1446.8	1364.8	1219.4	1060.8	908.2	790.4
25°	1501.0	1505.1	1509.2	1514.3	1532.8	1515.4	1398.7	1207.2	1012.7	842.7	718.8
27.5°	1576.8	1586.1	1589.1	1597.3	1618.8	1592.2	1427.4	1188.8	959.4	766.9	643.0
30°	1678.1	1689.5	1693.6	1704.8	1734.5	1676.1	1443.7	1157.0	891.8	690.1	562.1
32.5°	1814.3	1829.8	1842.1	1854.3	1888.1	1760.1	1445.8	1111.0	813.0	604.1	484.3
35°	1992.6	2016.1	2025.3	2033.5	2065.2	1851.3	1436.6	1042.3	716.7	516.1	422.9
37.5°	2192.2	2215.7	2221.9	2226.0	2232.1	1929.0	1414.1	937.9	608.2	439.3	373.8
40°	2438.0	2458.4	2466.6	2460.5	2427.7	1989.5	1363.8	816.1	502.7	387.1	343.0
42.5°	2738.0	2768.7	2771.7	2744.1	2635.6	2023.3	1263.5	672.7	419.8	349.1	319.4
45°	3109.6	3107.6	3090.2	3070.7	2861.9	2010.0	1123.3	547.8	367.6	319.4	298.0
47.5°	3443.5	3408.6	3382.0	3324.7	3061.5	1932.1	942.0	453.6	335.8	296.9	279.5
50°	3716.8	3653.3	3597.0	3534.5	3210.0	1793.9	761.8	385.0	306.1	277.5	262.1
52.5°	3932.9	3856.0	3790.5	3729.0	3353.3	1640.3	624.6	334.8	277.5	258.0	242.7
55°	4270.7	4194.0	4089.5	4021.9	3572.4	1499.0	535.5	294.9	249.9	237.6	222.2
57.5°	5125.7	5058.2	4933.2	4758.2	4135.6	1445.8	485.3	264.2	227.4	220.2	207.8
60°	6618.6	6509.0	6346.2	6168.0	5280.3	1481.6	445.4	242.7	211.9	205.8	196.6
62.5°	7744.9	7552.4	7368.0	7203.2	6195.7	1480.6	393.2	226.3	200.7	197.6	188.4
65°	7790.9	7595.4	7410.1	7237.0	6216.1	1317.8	331.7	211.9	198.6	197.6	182.2
67.5°	7377.3	7165.3	6986.2	6768.0	5754.4	1030.1	266.2	202.7	206.8	204.7	180.2
70°	6701.5	6425.1	6277.6	6062.5	5064.3	720.8	219.1	205.8	224.3	218.0	183.3
72.5°	5259.8	5051.0	4826.7	4677.2	3964.6	455.6	184.3	207.8	231.4	221.2	191.4
75°	1957.7	2014.1	1921.9	1889.1	2014.1	267.3	163.8	193.5	206.8	191.4	174.0
77.5°	395.3	377.9	358.3	354.2	457.7	164.8	150.5	167.9	158.7	140.3	141.3
80°	189.4	184.3	178.1	177.1	170.0	137.2	139.3	143.3	119.8	108.6	115.7
82.5°	126.0	118.8	116.7	112.7	114.7	122.9	132.1	122.9	92.2	86.0	104.5
85°	58.3	56.3	55.3	55.3	61.4	110.6	109.6	90.1	63.4	61.4	104.5
87.5°	14.3	14.3	15.3	14.3	16.4	32.7	28.7	27.6	23.5	26.6	49.1
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: P180493

CATALOG NUMBER: ICM-F04-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	976.8	976.8	976.8
2.5°	984.0	985.0	984.0
5°	993.2	993.2	993.2
7.5°	993.2	990.1	989.1
10°	978.9	969.7	969.7
12.5°	954.3	938.9	936.8
15°	908.2	887.7	884.7
17.5°	849.9	822.2	817.1
20°	784.3	749.5	743.4
22.5°	712.7	672.7	669.7
25°	642.0	601.0	592.8
27.5°	563.2	523.3	519.2
30°	484.3	449.5	447.4
32.5°	417.8	396.3	392.2
35°	370.7	358.3	353.2
37.5°	339.9	330.7	329.7
40°	316.4	308.2	307.2
42.5°	296.9	289.8	288.7
45°	277.5	271.4	269.3
47.5°	258.0	251.9	250.9
50°	240.7	232.5	231.4
52.5°	224.3	216.0	214.0
55°	208.8	200.7	200.7
57.5°	195.5	187.3	186.3
60°	183.3	175.1	174.0
62.5°	174.0	163.8	162.8
65°	166.9	156.7	154.6
67.5°	162.8	150.5	147.4
70°	170.0	147.4	142.3
72.5°	171.0	144.4	137.2
75°	164.8	136.2	131.1
77.5°	144.4	121.9	116.7
80°	124.9	94.2	87.1
82.5°	118.8	76.8	66.5
85°	92.2	50.1	47.1
87.5°	52.2	27.6	22.5
90°	0.0	0.0	0.0

(END OF REPORT)