

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: P181083

Luminaire Tested: **ICM-F03-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181083
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F03-LED-E1-SLR
Description: ICON SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6410.2 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

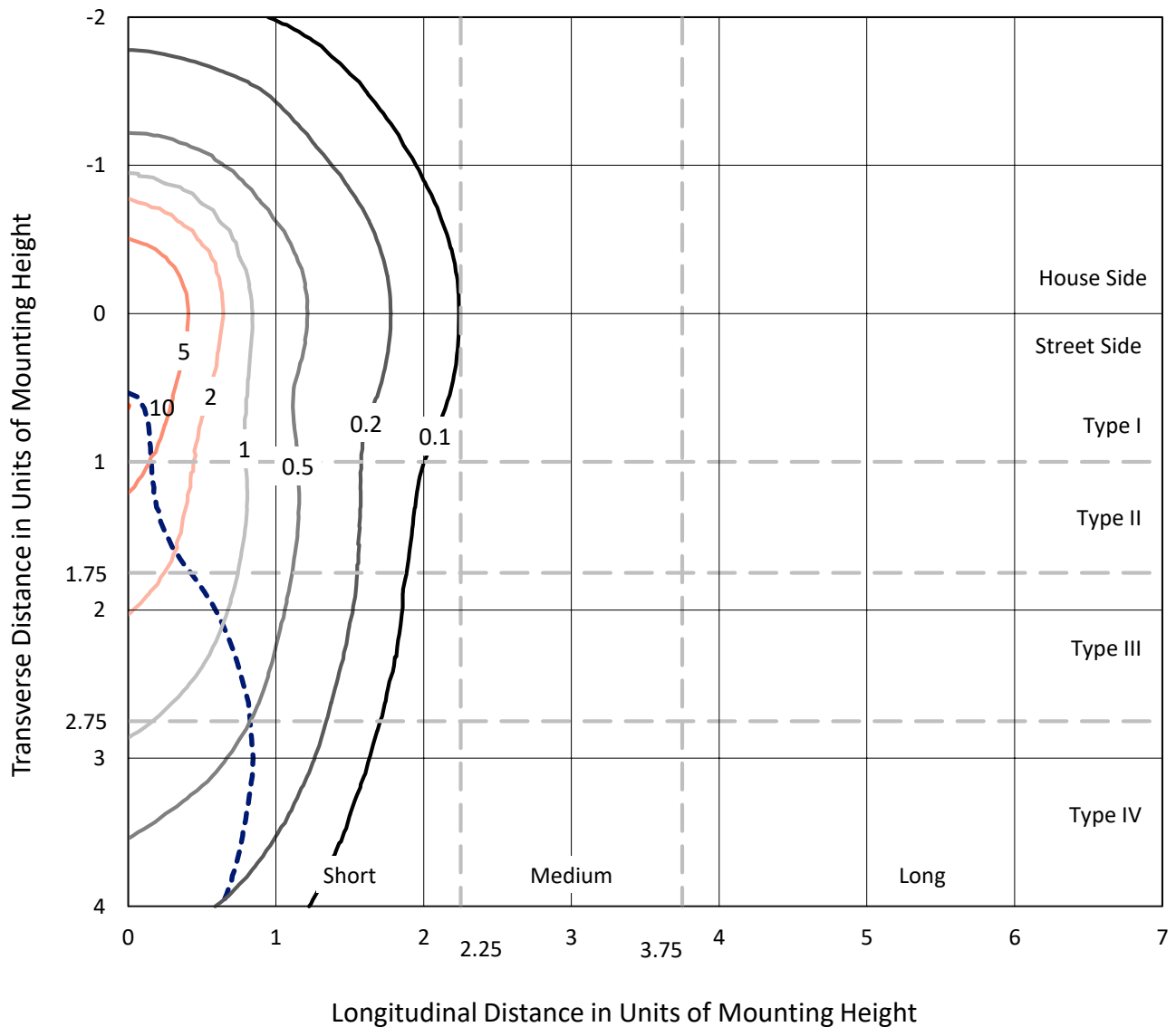
Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181083
 CATALOG NUMBER: ICM-F03-LED-E1-SLR

Iso-Footcandle Lines of Horizontal Illumination

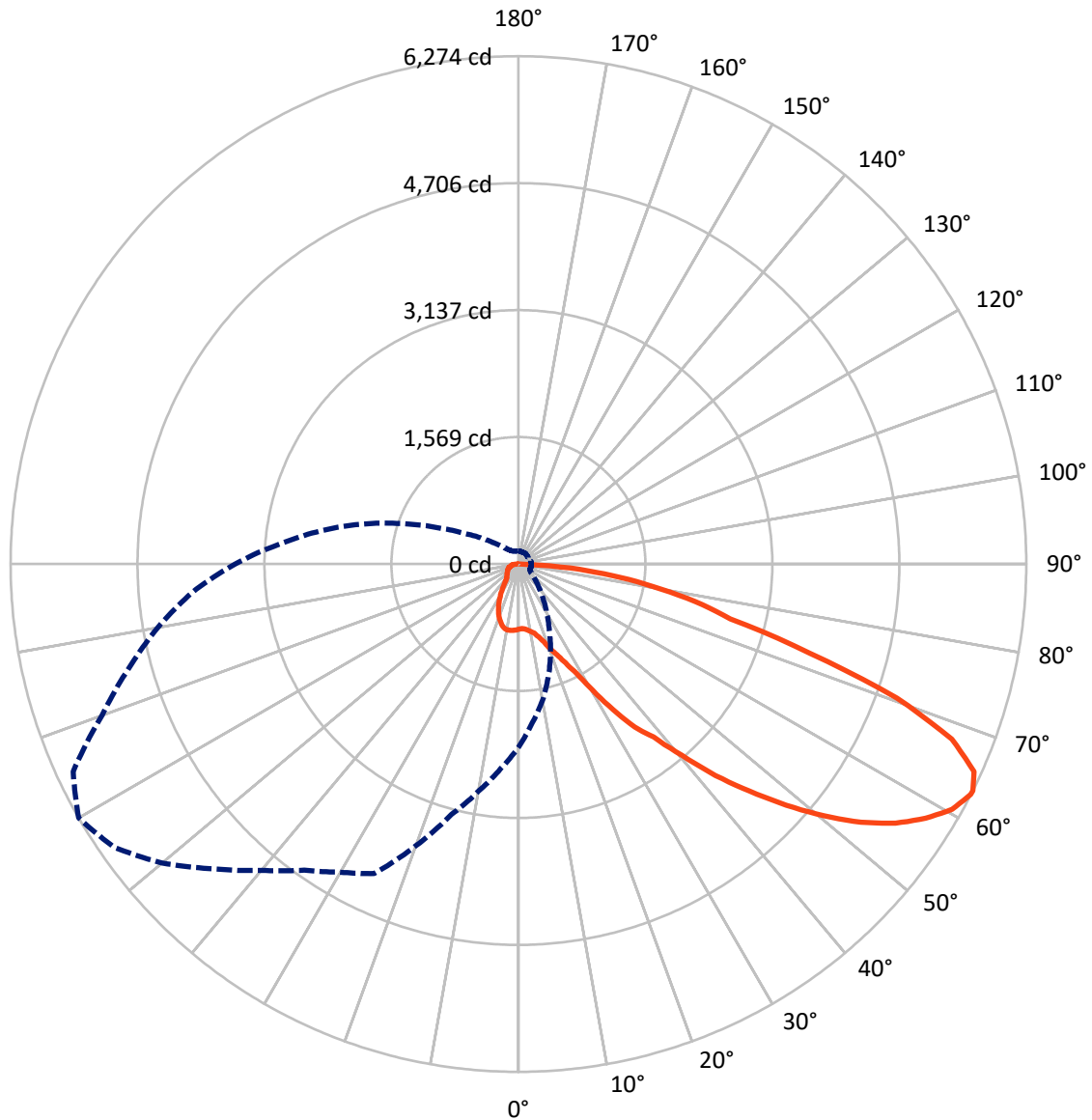
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.1 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181083
CATALOG NUMBER: ICM-F03-LED-E1-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1390.0	0.0	1390.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5020.2	0.0	5020.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	6410.2	0.0	6410.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.4	1.2
10°-20°	244.2	3.8
20°-30°	433.9	6.8
30°-40°	683.2	10.7
40°-50°	1005.5	15.7
50°-60°	1335.6	20.8
60°-70°	1471.2	23.0
70°-80°	923.0	14.4
80°-90°	235.1	3.7
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°	6410.2	100.0
0°-180°	6410.2	100.0



REPORT NUMBER: P181083

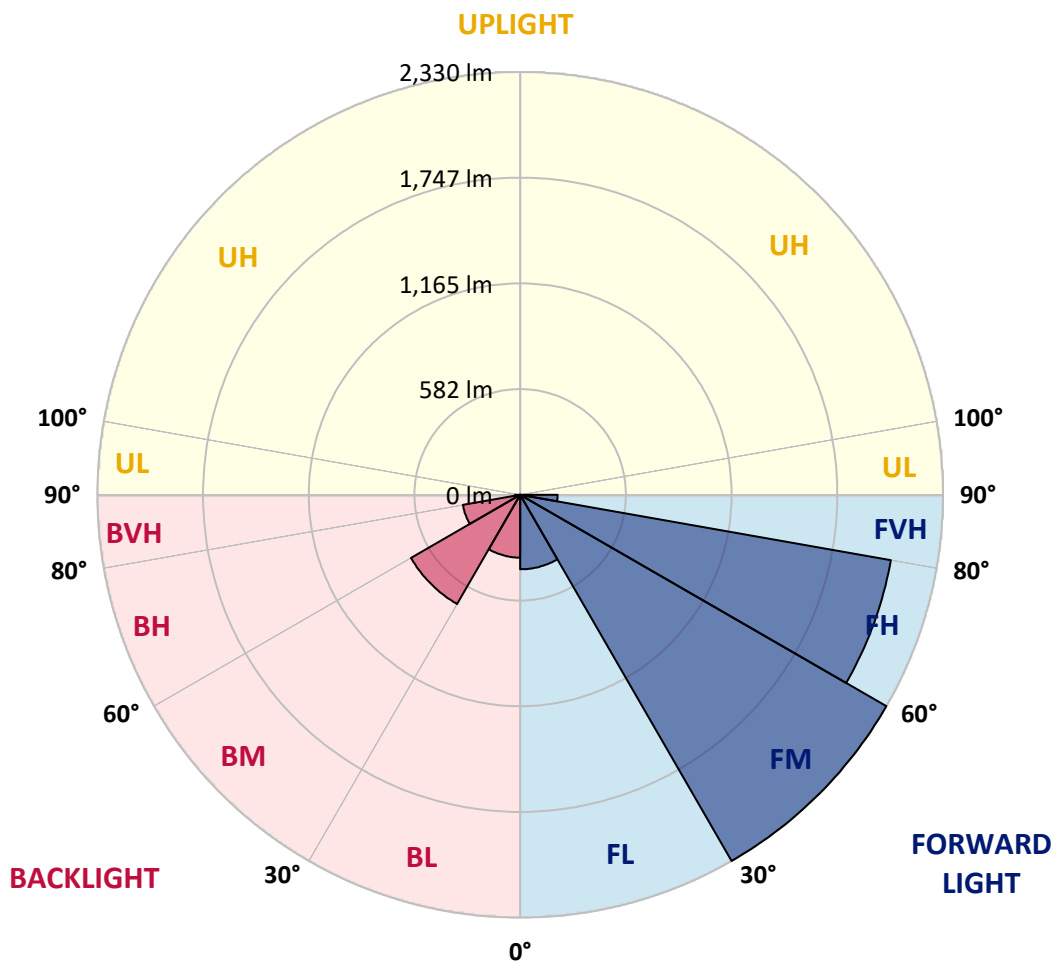
CATALOG NUMBER: ICM-F03-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	410.5	6.4			
FM (30°-60°)	2329.6	36.3			
FH (60°-80°)	2073.8	32.4			G2/5000
FVH (80°-90°)	206.3	3.2			G2/225
BL (0°-30°)	346.1	5.4	B1/500		
BM (30°-60°)	694.8	10.8	B1/1000		
BH (60°-80°)	320.4	5.0	B1/500		G1/500
BVH (80°-90°)	28.8	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	794.8	797.1	796.4	796.4	797.9	797.1	797.1	797.9	797.9	800.2	803.3
5°	788.7	787.9	786.3	787.9	787.9	787.9	784.8	787.2	787.9	789.4	789.4
7.5°	796.4	794.1	791.0	791.7	791.7	790.2	787.9	788.7	787.9	787.9	787.2
10°	806.3	800.9	797.1	797.1	797.1	795.5	791.7	794.1	794.1	793.3	794.1
12.5°	824.0	817.9	813.2	811.7	811.7	809.4	806.3	809.4	807.9	807.9	806.3
15°	853.2	846.2	840.8	836.3	837.0	837.0	833.2	830.9	827.8	824.0	816.3
17.5°	896.9	889.3	882.3	878.5	879.3	873.9	863.2	852.4	837.8	823.3	807.1
20°	959.2	956.8	947.6	943.8	934.6	921.5	891.5	866.2	837.8	810.1	782.5
22.5°	1066.7	1055.9	1046.7	1032.1	1001.4	965.3	915.4	870.8	826.3	787.2	750.2
25°	1211.1	1191.8	1146.5	1102.0	1039.0	974.5	906.9	849.3	794.1	742.6	697.3
27.5°	1353.1	1294.7	1214.1	1133.5	1041.3	956.8	872.4	804.0	739.5	683.4	633.6
30°	1525.1	1426.8	1303.2	1175.7	1045.1	931.5	830.1	750.2	675.8	616.7	564.5
32.5°	1686.4	1544.3	1382.2	1214.9	1053.6	907.7	781.8	691.2	614.3	539.8	488.4
35°	1796.9	1612.7	1416.1	1218.7	1032.8	862.4	721.1	614.3	537.6	468.5	407.8
37.5°	1863.0	1642.6	1417.6	1191.1	984.5	800.9	644.3	538.3	467.6	401.6	354.0
40°	1904.5	1649.5	1397.7	1151.2	923.1	723.4	567.5	472.3	407.8	354.8	318.0
42.5°	1924.5	1638.8	1365.4	1100.5	860.8	654.2	513.8	423.9	367.8	330.2	302.6
45°	1927.5	1619.5	1330.8	1054.3	805.6	604.4	476.9	403.9	357.9	326.3	298.7
47.5°	1927.5	1602.7	1303.2	1020.6	769.5	582.9	473.8	412.4	367.1	331.7	298.7
50°	1929.0	1597.3	1291.6	1003.7	757.2	594.4	499.9	438.5	387.1	340.9	298.0
52.5°	1935.9	1604.2	1300.8	1016.8	779.4	640.5	549.1	477.7	413.1	351.7	298.0
55°	1951.4	1627.3	1340.0	1062.1	839.4	710.3	608.2	519.9	433.9	356.3	293.4
57.5°	1994.3	1685.6	1411.5	1149.6	941.5	791.0	662.0	549.9	441.6	352.5	284.1
60°	2080.3	1801.6	1533.6	1272.5	1049.8	860.1	693.4	554.4	434.6	340.2	269.6
62.5°	2217.8	1934.4	1681.8	1406.1	1145.8	898.5	697.3	542.9	416.2	318.0	248.0
63°	2265.4	1967.5	1713.2	1431.5	1158.1	901.6	694.2	538.3	411.6	311.8	244.9
65°	2398.2	2106.4	1822.3	1520.5	1192.6	902.3	677.3	515.3	390.1	288.0	223.4
67.5°	2646.3	2289.2	1959.7	1590.4	1204.8	877.8	634.3	472.3	344.8	251.1	196.6
70°	2803.0	2391.4	2012.8	1591.9	1168.8	807.9	559.8	402.4	287.2	208.1	168.9
72.5°	2762.2	2290.7	1873.0	1448.3	1012.9	675.0	450.0	316.4	224.3	166.6	140.6
75°	2366.0	1906.8	1528.2	1122.0	765.6	496.1	329.5	225.8	165.9	130.5	117.5
77.5°	1703.3	1372.3	1095.8	799.4	516.1	321.0	218.9	161.3	126.0	107.5	96.7
80°	1085.1	804.8	670.4	480.7	301.8	198.9	150.5	122.1	103.6	89.9	83.0
82.5°	566.7	397.0	322.5	245.8	167.4	131.3	110.6	99.8	85.2	74.5	70.6
85°	353.2	234.2	173.6	121.3	83.7	75.3	69.1	67.5	60.7	53.8	51.4
87.5°	39.9	36.1	37.7	23.8	17.7	19.2	18.4	24.6	23.8	17.7	18.4
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: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	800.2	801.7	801.7	804.0	804.0	805.6	807.1	807.1	808.7	809.4	811.0
5°	791.0	791.0	791.0	794.1	794.8	799.4	800.9	802.5	804.0	809.4	812.5
7.5°	788.7	785.6	787.2	787.2	789.4	793.3	797.1	799.4	801.7	808.7	813.2
10°	793.3	791.0	788.7	788.7	789.4	791.0	794.1	796.4	797.9	804.8	808.7
12.5°	805.6	800.2	795.5	791.7	788.7	787.9	786.3	787.2	788.7	792.5	797.9
15°	807.9	797.9	787.9	778.0	770.2	765.6	761.8	760.3	760.3	762.5	768.7
17.5°	792.5	775.6	761.0	748.0	739.5	731.1	727.3	724.2	722.6	725.7	726.4
20°	759.4	739.5	719.5	704.2	688.8	686.5	680.4	682.0	683.4	688.1	690.3
22.5°	714.1	690.3	665.8	649.7	637.4	626.6	619.7	622.8	625.1	629.7	632.0
25°	658.9	624.4	598.2	582.1	569.0	559.8	552.2	555.3	552.2	557.5	566.0
27.5°	593.6	552.9	525.3	506.8	497.6	490.0	482.2	482.2	490.0	490.0	496.8
30°	514.5	484.6	448.5	429.3	417.8	413.1	412.4	410.9	416.2	419.3	427.0
32.5°	440.0	403.2	368.7	350.1	340.2	334.8	335.6	336.4	338.7	343.3	355.5
35°	364.7	332.6	307.9	287.2	277.2	267.3	267.3	265.7	268.0	273.4	288.0
37.5°	316.4	288.0	268.7	252.7	242.7	236.6	231.2	228.8	228.8	231.2	236.6
40°	289.5	268.7	251.1	237.3	228.1	222.7	219.6	217.3	215.8	215.8	216.6
42.5°	277.2	255.7	238.0	225.8	218.9	215.8	215.0	214.2	211.9	211.2	210.4
45°	271.1	246.5	226.5	216.6	211.2	209.7	210.4	210.4	209.7	208.1	205.0
47.5°	266.5	238.0	218.0	208.8	206.6	206.6	206.6	206.6	205.8	205.0	202.7
50°	258.8	225.0	203.5	196.6	195.1	195.1	195.8	195.8	197.4	195.8	194.3
52.5°	250.3	212.7	191.3	185.1	184.3	183.5	183.5	183.5	184.3	184.3	183.5
55°	241.1	203.5	185.1	180.5	181.2	180.5	179.7	178.9	178.9	178.1	176.7
57.5°	231.9	195.8	180.5	177.4	178.1	178.1	176.7	175.1	174.3	172.0	170.5
60°	218.0	185.1	171.3	169.7	172.0	172.0	172.0	171.3	171.3	170.5	166.6
62.5°	199.6	169.7	159.0	159.7	160.5	162.0	162.0	162.0	162.0	160.5	156.7
63°	195.8	166.6	156.7	156.7	159.0	159.0	159.7	159.0	159.7	158.2	153.6
65°	180.5	156.7	149.0	149.8	151.3	151.3	151.3	150.5	150.5	148.2	145.9
67.5°	162.8	144.4	139.7	140.6	141.3	142.8	142.0	142.0	142.8	141.3	139.0
70°	142.8	131.3	128.3	129.0	129.8	129.8	129.0	129.0	129.8	128.3	126.0
72.5°	127.4	122.9	120.6	120.6	119.1	119.1	117.5	116.7	116.0	116.0	113.7
75°	107.5	106.7	107.5	109.0	107.5	106.0	105.2	102.9	101.4	101.4	100.6
77.5°	92.2	92.2	93.7	96.0	96.7	96.7	94.4	90.6	89.9	89.9	89.9
80°	79.9	78.3	78.3	80.7	83.0	82.1	78.3	74.5	74.5	78.3	79.1
82.5°	69.9	69.9	67.5	68.4	67.5	66.8	63.0	60.7	59.9	63.0	66.0
85°	55.3	56.1	55.3	54.5	53.8	51.4	48.4	46.0	45.3	48.4	53.0
87.5°	22.2	21.5	20.7	21.5	20.7	22.2	21.5	20.0	19.2	21.5	26.1
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: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	811.7	813.2	814.8	814.8	816.3	815.5	816.3	817.1	817.1	817.9	817.9
5°	816.3	818.6	821.7	824.7	825.5	827.8	830.1	828.6	830.9	834.0	834.0
7.5°	817.9	823.3	825.5	830.1	830.9	834.0	839.4	835.5	840.1	842.4	843.2
10°	815.5	820.9	824.7	830.1	832.5	837.8	843.2	841.7	847.1	850.9	851.6
12.5°	801.7	807.1	815.5	823.3	829.4	837.8	847.8	844.7	852.4	857.0	859.4
15°	774.9	780.2	789.4	801.7	813.2	826.3	839.4	841.7	849.3	854.7	857.0
17.5°	732.7	739.5	749.5	762.5	777.1	799.4	816.3	824.7	835.5	838.6	842.4
20°	693.4	700.4	706.5	714.1	724.9	746.4	768.7	785.6	799.4	811.0	814.1
22.5°	641.2	647.4	655.1	661.2	668.8	684.2	702.7	721.9	743.4	750.2	758.0
25°	578.2	582.1	592.8	596.7	602.1	615.1	629.7	643.5	664.3	678.9	682.7
27.5°	510.7	514.5	524.5	526.8	533.7	546.0	556.7	562.1	581.3	596.7	608.9
30°	432.4	442.3	454.6	456.2	463.8	471.5	481.5	486.9	504.6	520.7	536.0
32.5°	364.7	374.8	384.7	390.9	394.7	400.8	410.9	416.2	433.1	447.7	463.1
35°	295.6	307.9	318.7	327.2	330.2	337.9	345.6	351.0	368.7	381.7	392.4
37.5°	243.4	252.7	264.2	272.7	281.0	286.4	295.6	303.4	314.0	321.0	332.6
40°	218.0	222.7	228.8	235.7	242.7	248.8	255.7	261.9	268.7	278.0	285.7
42.5°	209.7	210.4	210.4	212.7	216.6	219.6	225.8	230.4	235.0	241.9	245.8
45°	203.5	202.7	201.2	199.6	200.5	202.0	205.8	208.8	214.2	217.3	218.0
47.5°	200.5	197.4	194.3	192.0	191.3	192.0	195.1	198.1	201.2	203.5	204.3
50°	190.4	188.2	183.5	180.5	178.9	180.5	184.3	185.9	188.9	191.3	192.0
52.5°	180.5	177.4	174.3	171.3	171.3	172.0	175.1	178.1	181.2	182.0	183.5
55°	174.3	169.7	166.6	164.4	162.8	165.1	167.4	171.3	175.1	175.8	177.4
57.5°	168.2	163.5	160.5	158.2	156.7	159.0	161.3	166.6	171.3	171.3	171.3
60°	164.4	160.5	155.9	153.6	151.3	153.6	156.7	162.0	166.6	165.9	165.1
62.5°	153.6	149.8	147.4	147.4	145.1	149.0	152.1	158.2	159.0	157.4	155.9
63°	150.5	147.4	145.9	145.9	144.4	148.2	151.3	156.7	156.7	155.2	153.6
65°	142.8	140.6	139.0	140.6	140.6	144.4	145.1	149.0	148.2	145.9	145.1
67.5°	136.7	135.2	133.6	133.6	133.6	134.4	135.2	136.7	135.9	135.2	135.9
70°	126.7	126.0	124.4	124.4	123.6	123.6	123.6	124.4	124.4	125.2	126.0
72.5°	114.4	112.9	112.9	113.7	112.1	112.9	113.7	112.9	114.4	114.4	115.2
75°	100.6	99.8	101.4	102.9	102.1	102.1	102.9	102.9	103.6	103.6	104.5
77.5°	89.9	90.6	91.3	92.9	93.7	93.7	93.7	92.9	93.7	93.7	94.4
80°	79.9	81.4	83.0	84.5	85.2	85.2	85.2	84.5	84.5	84.5	84.5
82.5°	72.2	74.5	76.0	76.8	76.8	76.8	76.8	76.8	76.8	75.3	73.8
85°	60.7	65.3	65.3	66.0	63.7	62.2	60.7	61.4	62.2	59.2	58.3
87.5°	30.7	30.7	32.3	33.8	34.5	34.5	39.2	36.8	36.1	35.3	33.8
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: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	818.6	817.9	819.4	817.9	818.6	819.4	817.9	820.2	821.7	819.4	817.1
5°	835.5	835.5	839.4	840.8	841.7	846.2	844.0	845.5	847.1	846.2	847.1
7.5°	846.2	849.3	853.2	857.0	857.8	861.6	860.8	863.2	864.7	868.6	868.6
10°	855.4	859.4	864.7	868.6	872.4	875.4	876.9	881.6	882.3	885.4	885.4
12.5°	863.9	868.6	873.9	880.1	883.9	890.1	890.8	897.7	900.0	900.7	898.5
15°	862.4	867.7	873.9	880.8	887.7	895.4	900.0	906.9	910.8	912.3	908.5
17.5°	847.8	852.4	860.1	869.3	877.8	887.7	896.2	906.1	912.3	913.9	913.0
20°	819.4	822.4	832.5	844.7	854.7	870.1	882.3	897.7	907.7	915.4	917.7
22.5°	763.4	771.0	781.0	794.8	809.4	828.6	846.2	868.6	890.1	908.5	926.9
25°	695.7	709.6	724.9	743.4	761.0	781.0	800.9	826.3	857.8	896.2	939.9
27.5°	627.4	651.2	670.4	694.2	715.0	734.9	757.2	784.8	819.4	865.5	921.5
30°	558.3	585.1	605.9	633.6	661.2	688.1	710.3	739.5	773.3	820.2	881.6
32.5°	484.6	511.4	536.0	561.4	592.1	624.4	651.2	687.3	723.4	771.8	834.0
35°	408.6	432.4	453.1	480.0	513.8	548.3	583.6	625.1	664.3	715.0	781.0
37.5°	342.5	359.4	379.4	403.2	429.3	466.1	506.0	555.3	599.7	655.1	722.6
40°	288.0	297.2	308.7	328.7	352.5	388.6	427.7	480.0	533.7	594.4	659.6
42.5°	245.8	250.3	253.4	266.5	285.7	321.0	358.6	409.3	468.5	534.5	600.6
45°	218.0	220.4	221.2	228.1	241.9	272.7	311.8	354.8	411.6	476.1	545.2
47.5°	205.0	207.4	208.8	210.4	218.9	242.7	278.0	318.7	370.9	430.0	500.7
50°	194.3	196.6	198.9	198.1	202.0	217.3	247.3	284.9	334.0	388.6	458.4
52.5°	183.5	185.1	185.1	185.1	187.3	197.4	218.9	253.4	298.7	350.1	419.3
55°	177.4	178.9	179.7	180.5	181.2	186.6	202.7	230.4	269.6	317.1	379.4
57.5°	171.3	172.0	173.6	174.3	175.8	178.9	188.9	208.8	241.9	281.9	334.0
60°	165.9	167.4	170.5	171.3	172.7	173.6	178.1	190.4	211.9	242.7	284.9
62.5°	157.4	159.7	162.8	163.5	165.1	165.9	166.6	173.6	183.5	202.0	233.5
63°	155.2	157.4	161.3	162.0	162.8	162.8	163.5	168.2	177.4	193.5	216.6
65°	146.7	149.8	152.1	152.8	153.6	153.6	152.8	154.3	155.2	162.0	175.8
67.5°	137.5	139.7	141.3	142.0	141.3	142.0	141.3	139.7	138.2	139.7	145.9
70°	128.3	129.8	129.8	130.5	131.3	132.1	130.5	129.0	127.4	126.7	130.5
72.5°	117.5	119.1	119.1	119.8	119.8	121.3	121.3	120.6	120.6	121.3	122.1
75°	106.7	108.3	107.5	109.0	109.0	111.3	111.3	112.1	113.7	112.9	112.1
77.5°	96.7	97.5	97.5	98.3	99.1	102.9	105.2	106.0	106.0	104.5	102.9
80°	86.0	86.0	84.5	83.7	84.5	88.3	92.9	93.7	96.0	95.3	96.0
82.5°	72.2	69.1	66.8	66.8	68.4	70.6	72.2	73.8	75.3	75.3	76.8
85°	55.3	52.2	50.0	50.7	53.0	53.8	53.0	53.0	56.1	58.3	56.1
87.5°	33.0	30.0	28.4	26.1	26.9	29.2	28.4	26.1	26.9	21.5	20.0
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: P181083

CATALOG NUMBER: ICM-F03-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6
2.5°	818.6	817.9	816.3	814.1	813.2	811.7	812.5	810.1	808.7	807.1	804.8
5°	847.1	847.1	842.4	842.4	840.1	839.4	834.0	831.6	827.1	828.6	823.3
7.5°	867.0	869.3	863.9	863.2	860.1	859.4	852.4	850.1	846.2	844.7	840.1
10°	881.6	881.6	874.7	869.3	865.5	861.6	854.7	851.6	848.6	849.3	846.2
12.5°	893.1	887.7	877.8	870.1	864.7	860.8	855.4	853.2	852.4	857.8	858.5
15°	902.3	894.6	882.3	876.9	872.4	871.6	871.6	873.9	879.3	889.3	896.9
17.5°	907.7	903.1	896.9	895.4	903.1	907.7	913.9	920.7	928.5	942.2	950.7
20°	917.7	920.7	925.4	931.5	943.8	955.4	963.0	972.9	982.1	999.1	1012.9
22.5°	943.8	961.5	976.0	988.4	1006.8	1022.9	1032.8	1046.7	1053.6	1065.1	1086.6
25°	977.6	1013.7	1044.4	1070.5	1098.9	1115.8	1129.6	1147.3	1158.1	1177.2	1196.5
27.5°	967.6	1019.1	1065.1	1113.5	1152.7	1196.5	1227.2	1256.4	1274.8	1303.2	1328.6
30°	936.8	998.3	1060.5	1124.3	1186.4	1249.4	1307.8	1360.8	1401.5	1442.1	1483.6
32.5°	895.4	966.1	1042.1	1120.4	1201.8	1289.4	1370.0	1449.9	1517.4	1576.6	1634.1
35°	847.8	927.6	1006.8	1103.5	1204.1	1315.4	1427.6	1538.1	1641.0	1745.5	1816.2
37.5°	791.0	872.4	960.7	1072.0	1190.3	1327.7	1470.6	1615.0	1760.8	1901.4	2023.5
40°	730.3	813.2	906.1	1026.7	1160.4	1320.1	1498.2	1692.6	1892.9	2096.5	2258.5
42.5°	676.6	761.8	863.2	985.2	1130.4	1310.1	1520.5	1759.4	2004.3	2256.2	2494.2
45°	624.4	718.1	824.7	956.1	1117.3	1317.8	1553.5	1821.5	2104.1	2409.8	2700.0
47.5°	577.5	672.7	776.4	920.0	1098.1	1321.6	1585.8	1883.7	2198.6	2529.6	2874.3
50°	535.3	627.4	729.5	873.9	1068.2	1319.4	1615.0	1939.8	2280.0	2624.0	3008.8
52.5°	493.8	587.4	691.9	829.4	1031.4	1306.2	1628.8	1985.9	2355.3	2719.3	3117.0
55°	453.1	545.2	650.4	787.2	983.0	1272.5	1627.3	2015.8	2415.2	2809.1	3221.5
57.5°	405.5	493.0	595.9	740.3	931.5	1220.3	1604.2	2029.7	2466.6	2898.2	3346.6
60°	346.3	428.5	527.5	671.9	863.9	1153.4	1555.8	2022.0	2496.6	2964.2	3453.4
62.5°	273.4	344.8	435.4	576.7	779.4	1057.4	1465.2	1952.1	2448.9	2955.0	3503.3
63°	258.0	325.6	414.0	553.7	743.4	1031.4	1438.3	1924.5	2425.9	2935.8	3496.4
65°	207.4	251.1	321.8	447.0	622.1	903.1	1304.8	1782.3	2302.2	2800.7	3396.6
67.5°	159.0	181.2	218.9	306.4	440.0	710.3	1056.7	1510.5	1998.2	2466.6	3074.8
70°	135.9	145.9	162.0	203.5	279.5	448.5	741.9	1126.5	1548.9	1955.2	2502.0
72.5°	123.6	128.3	136.7	154.3	192.0	268.7	473.0	733.4	1053.6	1393.8	1816.2
75°	113.7	117.5	124.4	133.6	147.4	178.9	269.6	448.5	685.0	915.4	1225.6
77.5°	103.6	106.0	113.7	122.1	131.3	147.4	178.1	258.0	394.0	539.8	738.8
80°	95.3	93.7	99.1	112.9	122.1	131.3	140.6	167.4	224.3	295.6	399.4
82.5°	76.0	77.6	82.1	96.0	99.8	97.5	99.1	103.6	125.2	136.7	204.3
85°	51.4	47.6	46.9	48.4	48.4	46.0	46.0	45.3	50.0	56.8	97.5
87.5°	13.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P181083
 CATALOG NUMBER: ICM-F03-LED-E1-SLR

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	0°
2.5°	803.3	802.5	803.3	799.4	799.4	798.6	797.9	796.4	796.4	793.3	795.5	2.5°
5°	818.6	817.1	814.1	809.4	807.1	804.0	804.0	800.9	798.6	795.5	796.4	5°
7.5°	836.3	837.0	831.6	827.8	826.3	823.3	824.0	819.4	820.2	817.9	816.3	7.5°
10°	846.2	846.2	847.8	847.1	848.6	848.6	850.9	847.8	846.2	844.0	844.0	10°
12.5°	862.4	865.5	871.6	871.6	876.2	877.8	878.5	880.1	876.9	875.4	870.1	12.5°
15°	902.3	910.0	915.4	923.1	932.3	935.4	935.4	932.3	930.7	928.5	918.4	15°
17.5°	968.4	985.2	989.9	1002.1	1003.7	1007.5	1018.2	1012.1	1008.3	992.2	989.1	17.5°
20°	1035.9	1057.4	1079.0	1094.3	1102.0	1117.3	1119.6	1116.6	1101.2	1085.9	1079.0	20°
22.5°	1117.3	1149.6	1174.1	1198.0	1209.5	1217.2	1234.1	1230.2	1218.0	1194.9	1185.7	22.5°
25°	1232.6	1272.5	1298.6	1327.7	1343.1	1350.8	1367.7	1367.7	1354.6	1347.7	1347.0	25°
27.5°	1377.7	1426.8	1469.9	1479.8	1519.7	1528.9	1545.1	1545.1	1532.8	1524.4	1565.0	27.5°
30°	1539.0	1590.4	1664.8	1714.8	1763.2	1810.8	1810.1	1813.1	1827.6	1835.4	1853.0	30°
32.5°	1700.2	1763.9	1843.1	1951.4	2055.0	2143.3	2257.7	2330.7	2308.4	2246.2	2221.6	32.5°
35°	1896.0	1966.7	2062.7	2171.7	2361.4	2475.8	2531.1	2570.2	2574.9	2583.4	2601.0	35°
37.5°	2114.2	2232.4	2343.7	2467.4	2572.6	2711.6	2839.8	2942.7	2966.5	3014.9	2987.3	37.5°
40°	2389.8	2521.9	2638.6	2798.3	2939.6	3107.1	3290.6	3431.9	3488.8	3470.3	3332.1	40°
42.5°	2678.5	2842.2	2978.8	3167.0	3350.5	3571.6	3761.3	3958.7	3994.1	3851.9	3645.4	42.5°
45°	2944.3	3147.0	3316.7	3512.6	3736.8	4001.7	4255.1	4457.9	4450.9	4207.6	3931.1	45°
47.5°	3183.1	3431.9	3639.3	3894.2	4135.4	4450.9	4742.0	4891.8	4803.5	4515.5	4176.8	47.5°
50°	3380.5	3690.7	3946.4	4204.4	4510.8	4891.0	5171.3	5255.8	5085.2	4771.9	4415.7	50°
52.5°	3539.4	3928.8	4215.9	4513.1	4900.2	5300.3	5541.4	5509.9	5289.5	4967.8	4613.0	52.5°
55°	3673.8	4110.7	4453.2	4804.2	5284.1	5652.8	5813.2	5728.8	5420.9	5094.4	4748.1	55°
57.5°	3812.8	4287.4	4671.4	5078.4	5612.9	5929.2	6018.3	5844.8	5483.0	5142.8	4806.5	57.5°
60°	3951.8	4434.8	4864.1	5318.0	5861.6	6155.0	6130.5	5870.8	5464.6	5107.6	4767.4	60°
62.5°	4045.5	4522.4	4976.2	5465.4	6048.2	6270.2	6119.7	5777.9	5357.9	4968.5	4650.6	62.5°
63°	4047.7	4525.4	4983.1	5475.4	6069.0	6274.0	6098.9	5745.0	5324.1	4940.1	4616.0	63°
65°	3999.4	4467.8	4921.7	5430.1	6051.3	6185.7	5920.0	5549.9	5131.4	4743.6	4436.4	65°
67.5°	3752.1	4229.8	4630.6	5109.8	5734.9	5773.3	5440.8	5142.1	4765.8	4364.2	4043.2	67.5°
70°	3253.7	3650.7	4043.9	4444.0	4968.5	4961.6	4649.1	4497.1	4167.6	3709.9	3452.7	70°
72.5°	2587.9	2944.3	3220.8	3488.8	3834.3	3764.4	3563.2	3605.4	3391.9	3050.3	2897.4	72.5°
75°	1921.4	2313.0	2448.2	2557.2	2703.1	2703.9	2759.2	2879.0	2875.9	2686.2	2493.5	75°
77.5°	1260.2	1688.7	1734.0	1821.5	1996.7	2234.7	2480.4	2744.6	2810.6	2660.9	2376.0	77.5°
80°	702.7	1148.1	1095.8	1171.1	1360.0	1683.4	2045.8	2337.6	2509.6	2425.9	2124.1	80°
82.5°	359.4	662.0	632.7	737.2	890.1	1171.1	1410.7	1634.9	1837.7	1826.2	1711.7	82.5°
85°	186.6	362.4	412.4	466.9	543.7	644.3	734.9	800.2	884.7	1033.7	1084.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	55.3	39.9	109.9	156.7	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P181083

NUMBER: ICM-F03-LED-E1-SLR

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
805.6	805.6	805.6	805.6	805.6	805.6	805.6
796.4	797.1	795.5	795.5	796.4	796.4	794.8
794.8	794.8	793.3	791.7	790.2	790.2	788.7
812.5	812.5	807.1	804.8	800.9	797.9	796.4
838.6	834.0	827.8	823.3	817.1	810.1	806.3
864.7	857.8	850.1	843.2	835.5	827.8	824.0
907.7	898.5	888.5	880.1	869.3	857.8	853.2
973.8	959.2	946.1	933.8	914.6	906.1	896.9
1061.3	1039.8	1022.9	1002.1	978.3	970.7	959.2
1167.3	1148.8	1115.1	1099.7	1075.9	1064.4	1066.7
1328.6	1304.8	1265.6	1251.0	1248.7	1223.4	1211.1
1539.0	1540.5	1504.4	1465.2	1443.7	1403.8	1353.1
1838.4	1817.7	1775.5	1735.5	1684.8	1609.6	1525.1
2200.9	2154.8	2084.9	2010.4	1920.6	1804.7	1686.4
2554.9	2474.2	2362.9	2238.5	2108.8	1964.4	1796.9
2866.0	2740.8	2574.2	2431.3	2247.7	2067.3	1863.0
3150.1	2994.9	2779.9	2594.8	2378.3	2146.3	1904.5
3425.0	3228.4	2965.0	2714.6	2469.7	2199.4	1924.5
3686.8	3433.4	3120.9	2822.9	2536.5	2234.0	1927.5
3888.0	3611.6	3260.7	2901.2	2582.5	2260.0	1927.5
4074.6	3762.1	3367.4	2962.7	2625.6	2277.7	1929.0
4219.8	3868.1	3436.5	3006.4	2659.4	2290.7	1935.9
4325.0	3937.2	3482.6	3033.3	2683.9	2309.2	1951.4
4398.7	3982.5	3507.9	3057.1	2713.9	2341.4	1994.3
4434.1	4066.3	3550.2	3104.8	2765.3	2409.8	2080.3
4407.2	4196.0	3670.7	3185.4	2836.8	2516.5	2217.8
4395.7	4219.8	3703.7	3203.1	2852.9	2539.6	2265.4
4305.8	4243.7	3839.7	3292.1	2929.7	2641.7	2398.2
4027.1	4149.9	3954.1	3442.6	3094.8	2889.8	2646.3
3666.2	4010.9	3933.3	3461.9	3200.0	3093.2	2803.0
3233.8	3590.9	3518.7	3206.2	3084.0	3095.6	2762.2
2544.9	2812.9	2765.3	2655.6	2680.1	2764.6	2366.0
2038.9	2002.8	1892.9	1900.7	2042.7	2141.8	1703.3
1665.7	1348.5	1205.7	1209.5	1457.5	1560.5	1085.1
1585.0	1275.5	1039.0	907.7	1060.5	1021.3	566.7
1128.8	1131.2	938.4	762.5	738.8	628.2	353.2
267.3	214.2	152.8	113.7	119.8	79.1	39.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)