

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: P180961

Luminaire Tested: **ICM-F01-LED-E1-SLL-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180961
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-F01-LED-E1-SLL-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1803.4 lumens
Efficiency: N/A
Efficacy: 69.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

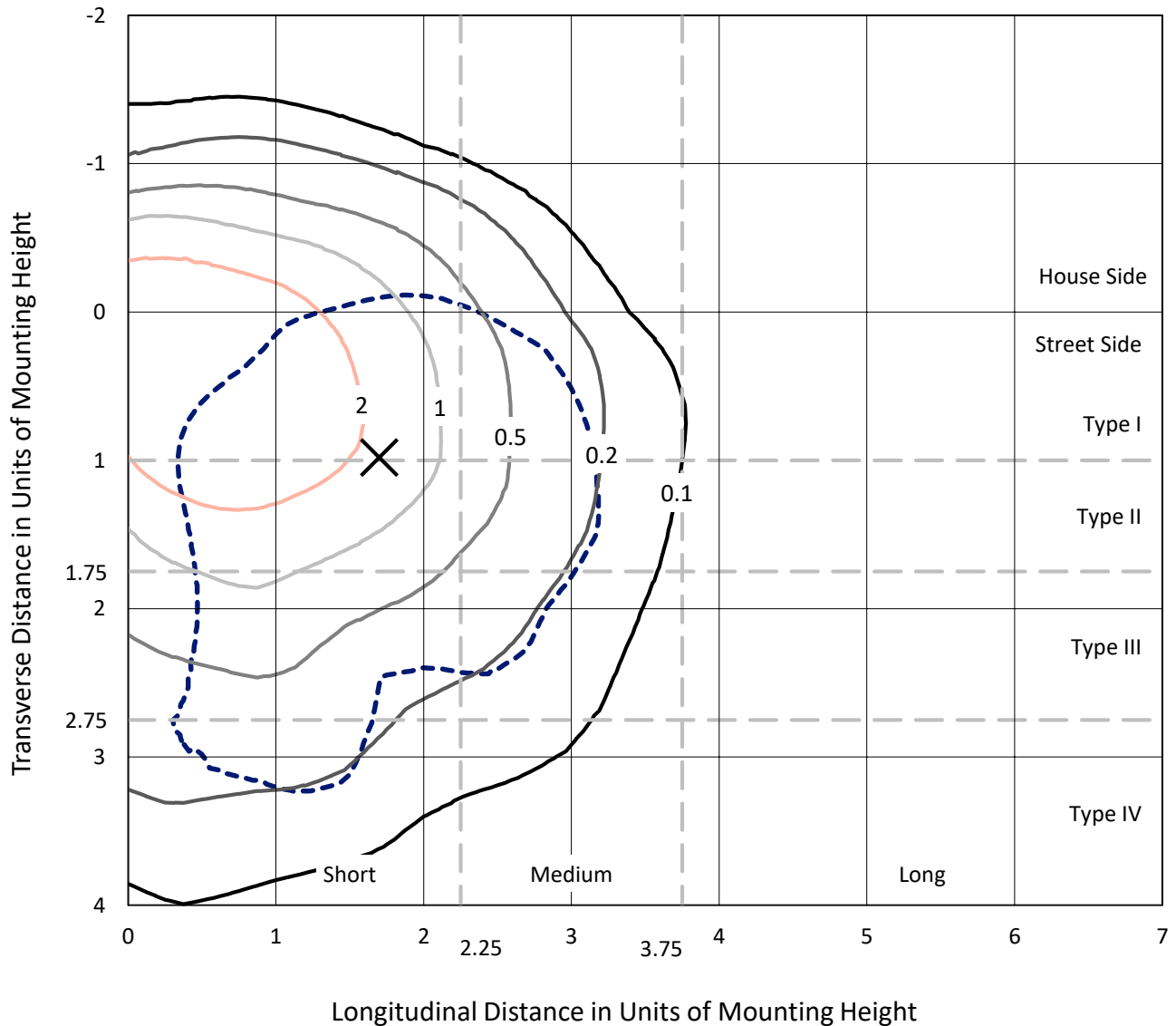
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P180961
 CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

Iso-Footcandle Lines of Horizontal Illumination

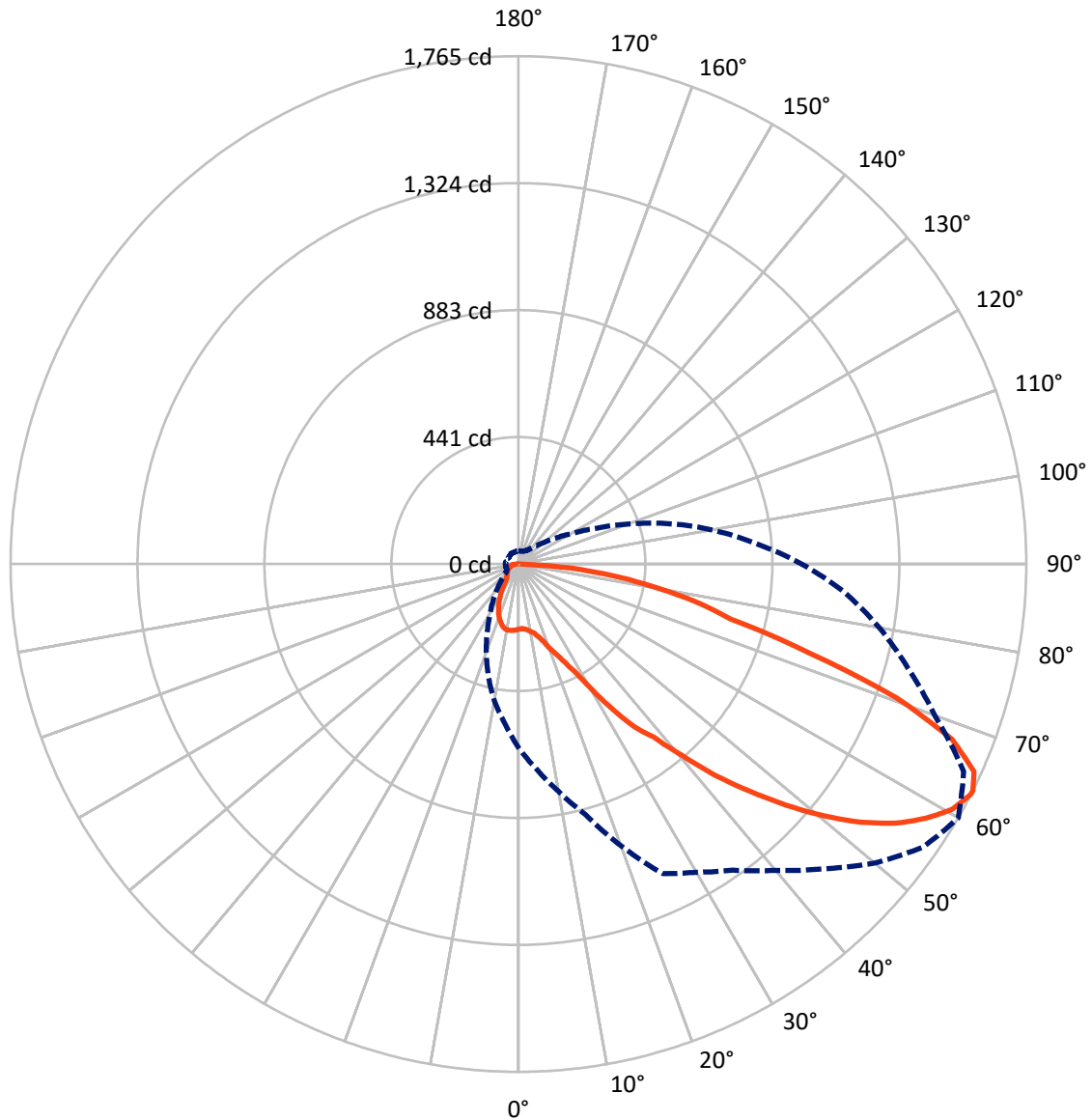
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.5 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P180961
CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	391.0	0.0	391.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1412.3	0.0	1412.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	1803.4	0.0	1803.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	1.2
10°-20°	68.7	3.8
20°-30°	122.1	6.8
30°-40°	192.2	10.7
40°-50°	282.9	15.7
50°-60°	375.7	20.8
60°-70°	413.9	23.0
70°-80°	259.7	14.4
80°-90°	66.1	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°	1803.4	100.0
0°-180°	1803.4	100.0

Coefficient of Utilization



REPORT NUMBER: P180961

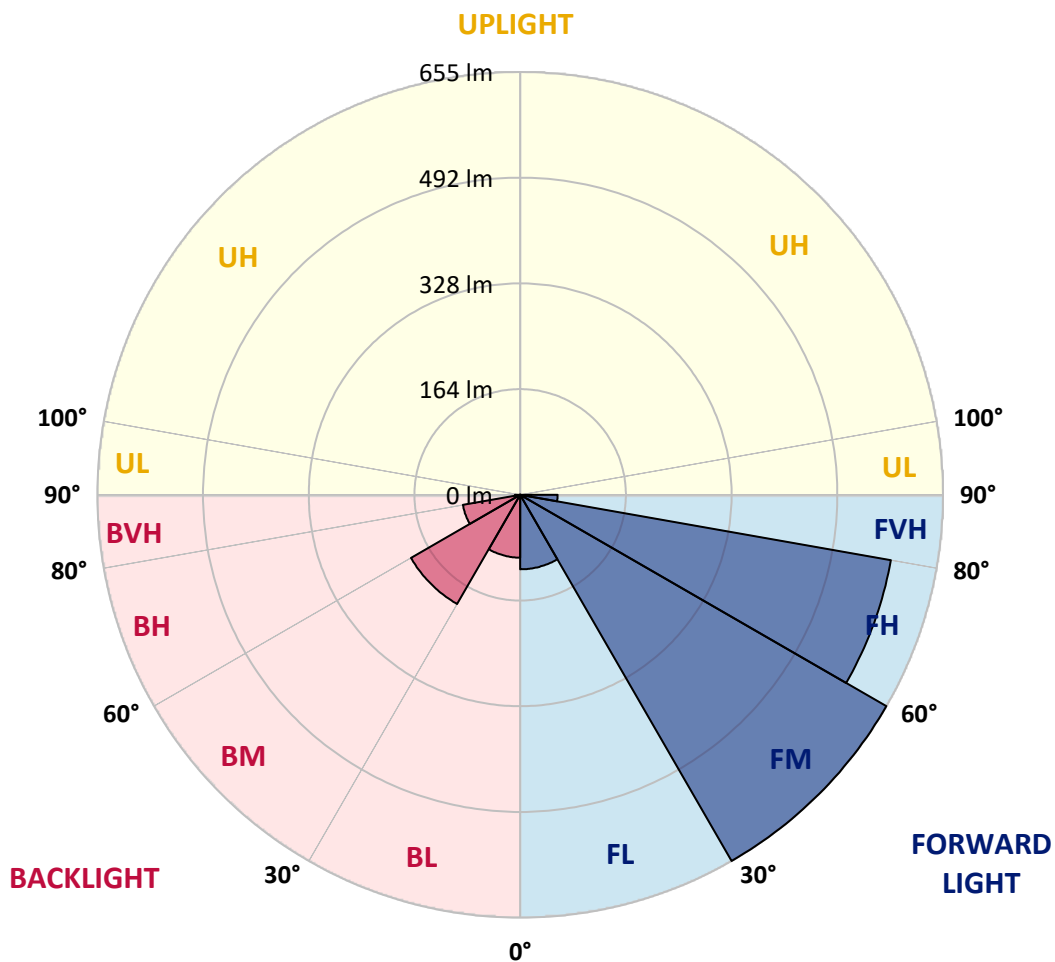
CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.5	6.4			
FM	(30°-60°)	655.4	36.3			
FH	(60°-80°)	583.4	32.4			G0/660
FVH	(80°-90°)	58.0	3.2			G1/100
BL	(0°-30°)	97.4	5.4	B0/110		
BM	(30°-60°)	195.5	10.8	B0/220		
BH	(60°-80°)	90.1	5.0	B0/110		G0/110
BVH	(80°-90°)	8.1	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short





REPORT NUMBER: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	223.6	224.0	224.0	223.8	223.8	224.3	224.0	223.8	223.2	224.0	224.0
5°	221.9	222.3	222.3	222.7	223.2	223.6	223.6	224.0	223.8	224.7	225.3
7.5°	224.0	224.5	225.3	226.4	227.1	228.6	228.6	229.7	230.0	230.7	230.5
10°	226.9	227.9	229.9	231.6	232.9	234.6	235.9	237.4	237.4	238.0	238.5
12.5°	231.8	232.9	235.1	237.2	239.2	241.3	243.3	244.7	246.3	246.7	247.6
15°	240.0	241.3	244.6	247.6	250.0	252.7	255.4	258.4	261.2	261.9	262.2
17.5°	252.4	254.9	257.3	262.7	266.1	269.9	274.0	278.2	279.2	283.6	284.7
20°	269.9	273.1	275.3	282.0	287.8	292.6	298.6	303.5	305.5	309.8	314.1
22.5°	300.1	299.4	302.7	309.4	313.7	323.2	328.4	333.6	336.2	342.6	346.1
25°	340.7	344.2	351.3	351.9	356.0	367.1	373.8	379.0	379.2	381.1	384.7
27.5°	380.7	394.9	406.1	412.2	423.3	433.4	432.9	440.3	428.8	431.3	434.7
30°	429.0	452.8	474.0	488.3	499.5	511.4	517.2	521.3	516.4	514.1	510.0
32.5°	474.4	507.7	540.3	565.6	586.5	606.2	619.2	625.0	631.9	649.4	655.7
35°	505.6	552.7	593.2	629.8	664.7	696.1	718.8	731.7	726.8	724.4	723.1
37.5°	524.1	581.6	632.4	684.0	724.2	771.1	806.2	840.4	848.2	834.6	827.9
40°	535.8	603.8	669.1	730.1	782.1	842.6	886.2	937.4	976.3	981.5	965.5
42.5°	541.4	618.8	694.8	763.7	834.1	908.3	963.5	1025.6	1083.6	1123.6	1113.7
45°	542.2	628.5	713.6	794.1	878.0	966.0	1037.2	1106.0	1183.7	1252.2	1254.1
47.5°	542.2	635.8	726.5	816.2	917.3	1016.0	1093.9	1175.1	1270.3	1351.4	1376.2
50°	542.7	640.7	738.6	833.5	947.4	1058.4	1146.3	1242.2	1342.5	1430.6	1478.6
52.5°	544.7	644.5	748.2	845.8	966.8	1088.2	1187.2	1297.8	1397.6	1488.1	1550.1
55°	548.9	649.7	755.1	853.4	979.7	1107.6	1216.8	1335.8	1433.2	1525.0	1611.6
57.5°	561.0	658.7	763.5	860.1	986.9	1120.4	1237.5	1352.2	1446.8	1542.5	1644.3
60°	585.3	678.0	778.0	873.5	998.8	1143.9	1247.4	1341.2	1436.9	1537.4	1651.6
62.5°	623.9	708.0	798.1	896.2	1032.7	1180.5	1239.9	1308.4	1397.8	1507.4	1625.5
63°	637.3	714.4	802.6	901.1	1042.0	1187.2	1236.7	1298.6	1389.8	1497.9	1616.2
65°	674.7	743.2	824.2	926.1	1080.2	1193.9	1211.4	1248.1	1334.5	1443.6	1561.3
67.5°	744.5	812.9	870.6	968.6	1112.4	1167.5	1132.9	1137.5	1227.7	1340.8	1446.6
70°	788.6	870.2	900.3	974.0	1106.6	1128.4	1031.4	971.4	1043.7	1172.5	1265.1
72.5°	777.1	870.9	867.6	902.0	989.9	1010.2	909.8	815.2	858.1	954.2	1014.3
75°	665.6	777.8	754.0	747.1	778.0	791.4	716.0	701.5	755.7	809.1	810.0
77.5°	479.2	602.5	574.7	534.7	532.6	563.4	573.6	668.5	748.6	790.7	772.1
80°	305.3	439.0	410.0	340.3	339.2	379.4	468.6	597.6	682.5	706.1	657.7
82.5°	159.4	287.4	298.3	255.4	292.3	358.9	446.0	481.6	513.8	517.0	459.9
85°	99.3	176.7	207.8	214.5	264.0	318.2	317.6	305.0	290.8	248.8	225.1
87.5°	11.3	22.2	33.7	32.0	43.0	60.3	75.2	44.1	30.9	11.3	15.5
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: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	224.5	224.7	224.9	224.9	226.0	225.8	226.0	226.4	227.1	227.5	227.9
5°	226.2	226.2	227.1	227.7	229.0	229.9	230.3	231.6	233.1	232.7	234.0
7.5°	231.8	231.6	232.5	232.9	234.0	235.4	235.3	236.4	237.7	238.0	239.2
10°	239.4	238.7	238.7	238.3	238.5	238.0	238.0	238.0	239.0	238.7	239.6
12.5°	247.2	247.0	246.5	245.2	245.2	243.4	242.6	241.6	241.3	239.8	240.0
15°	263.2	263.2	262.2	259.7	257.5	256.0	253.9	252.4	250.1	247.4	245.9
17.5°	286.5	283.4	282.3	282.0	278.5	277.2	272.5	267.4	265.1	261.2	259.1
20°	315.0	314.3	310.0	307.8	303.5	297.5	291.4	284.9	281.1	276.3	273.8
22.5°	347.2	342.4	340.3	337.0	330.3	323.4	314.3	305.7	299.6	296.4	294.5
25°	384.7	380.0	377.9	373.6	365.3	358.0	346.8	336.6	331.2	325.8	322.8
27.5°	434.7	430.1	427.5	416.3	413.5	401.4	387.5	373.8	366.6	358.6	353.5
30°	509.2	509.4	496.0	482.4	468.4	447.4	432.9	417.4	405.8	394.2	382.8
32.5°	635.2	603.0	578.1	548.9	518.5	496.3	478.3	459.7	443.5	426.9	407.9
35°	712.1	696.6	664.4	611.0	580.3	553.3	533.4	511.0	491.1	461.7	432.7
37.5°	798.9	762.9	723.7	694.1	659.4	628.0	594.8	569.3	534.9	495.4	454.3
40°	925.8	874.1	827.0	787.3	742.3	709.5	672.3	635.4	589.8	532.6	476.2
42.5°	1058.1	1004.8	942.6	891.0	838.1	799.5	753.6	701.7	634.7	563.9	495.0
45°	1197.1	1125.8	1051.3	988.2	933.1	885.3	828.3	759.6	678.0	592.0	512.5
47.5°	1334.1	1252.2	1163.4	1095.5	1023.8	965.5	895.5	808.7	711.6	618.5	530.0
50°	1454.8	1376.0	1269.0	1182.8	1110.2	1038.3	951.0	846.4	738.2	641.4	545.8
52.5°	1559.0	1491.2	1378.6	1269.7	1186.1	1105.3	995.7	876.9	765.0	662.6	558.7
55°	1635.5	1590.3	1486.6	1351.5	1252.8	1156.5	1033.6	906.3	790.3	679.4	567.1
57.5°	1693.1	1668.1	1579.1	1428.7	1314.1	1206.1	1072.7	941.5	815.4	694.0	571.0
60°	1724.7	1731.5	1649.0	1496.1	1368.4	1247.6	1111.7	971.5	834.0	702.3	568.8
62.5°	1721.7	1764.0	1701.6	1537.6	1399.9	1272.3	1138.1	985.6	831.4	688.9	549.2
63°	1715.8	1765.0	1707.4	1540.4	1401.9	1273.1	1138.8	983.6	826.0	682.5	541.4
65°	1665.5	1740.2	1702.4	1527.6	1384.7	1256.9	1125.1	955.5	787.9	647.7	501.4
67.5°	1530.7	1624.2	1613.4	1437.6	1302.7	1190.0	1055.5	865.0	694.0	562.1	424.9
70°	1307.9	1395.8	1397.8	1250.2	1137.7	1027.1	915.4	703.9	550.0	435.7	316.9
72.5°	1002.4	1059.1	1078.7	981.5	906.1	828.3	728.1	511.0	392.1	296.4	206.3
75°	776.3	760.7	760.5	719.4	688.7	650.7	540.6	344.8	257.5	192.7	126.1
77.5°	697.9	628.7	561.7	512.5	487.8	475.1	354.5	207.8	151.9	110.8	72.6
80°	575.5	473.6	382.6	329.5	308.3	323.0	197.7	112.4	83.2	63.1	47.1
82.5°	396.8	329.5	250.4	207.4	178.0	186.2	101.1	57.5	38.4	35.3	29.2
85°	206.8	181.3	152.9	131.3	116.0	102.0	52.5	27.4	16.0	14.0	12.7
87.5°	0.0	0.2	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: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	228.6	228.4	228.7	229.0	229.7	230.0	230.3	229.9	230.5	231.2	230.7
5°	234.6	236.1	236.4	237.0	237.0	238.3	238.3	238.3	238.0	238.3	237.9
7.5°	239.8	241.8	242.0	242.8	243.1	244.6	243.9	244.4	244.4	243.3	242.8
10°	240.5	242.4	243.4	244.6	246.0	248.0	248.0	249.1	249.1	248.2	248.0
12.5°	240.7	242.1	243.3	244.7	247.0	249.8	251.3	252.7	253.4	253.2	252.6
15°	245.2	245.2	245.4	246.7	248.2	251.7	253.9	255.5	256.7	256.2	255.2
17.5°	257.1	255.4	254.0	251.9	252.4	254.0	255.4	256.8	257.1	256.7	254.9
20°	270.9	268.7	265.5	262.0	260.4	259.1	258.1	258.1	257.5	255.4	252.6
22.5°	290.6	287.8	283.3	278.0	274.6	270.5	265.5	260.7	255.5	250.4	244.4
25°	317.8	314.0	309.1	301.1	293.9	285.2	275.0	264.5	252.1	241.3	232.5
27.5°	345.2	336.6	324.3	313.3	299.6	286.7	272.2	259.3	243.4	230.5	220.8
30°	367.9	351.5	333.8	316.3	298.3	280.8	263.5	248.0	230.7	217.6	208.1
32.5°	385.4	362.7	338.1	315.2	293.2	271.8	251.9	234.6	217.1	203.5	193.4
35°	401.6	370.0	338.8	310.4	283.3	261.0	238.5	219.7	201.1	186.9	175.8
37.5°	413.7	373.6	334.9	301.6	270.2	245.4	222.5	203.3	184.3	168.7	156.2
40°	421.5	371.4	326.4	288.8	254.9	228.7	205.5	185.6	167.3	150.1	135.1
42.5°	427.7	368.6	318.0	277.2	242.8	214.3	190.3	168.9	150.3	131.8	115.2
45°	437.0	370.7	314.3	268.9	232.0	202.0	175.6	153.4	134.0	115.8	99.8
47.5°	446.1	371.8	308.9	258.8	218.4	189.2	162.4	140.8	121.0	104.4	89.7
50°	454.3	371.2	300.6	245.9	205.2	176.5	150.6	129.0	109.3	94.0	80.2
52.5°	458.2	367.4	290.1	233.3	194.7	165.3	138.9	118.0	98.5	84.0	71.3
55°	457.8	358.0	276.6	221.5	183.0	153.4	127.4	106.7	89.2	75.8	64.8
57.5°	451.4	343.3	262.0	208.3	167.6	138.7	114.0	94.0	79.3	68.1	58.8
60°	437.7	324.5	243.1	189.0	148.5	120.6	97.4	80.2	68.3	59.6	53.6
62.5°	412.2	297.5	219.3	162.2	122.5	97.0	76.9	65.7	56.8	51.6	48.8
63°	404.7	290.1	209.1	155.7	116.5	91.6	72.6	60.9	54.4	49.9	47.3
65°	367.1	254.0	175.0	125.8	90.5	70.6	58.3	49.5	45.6	43.6	43.4
67.5°	297.3	199.8	123.8	86.2	61.6	51.0	44.7	41.0	39.3	38.9	39.3
70°	208.7	126.1	78.6	57.2	45.6	41.0	38.2	36.7	35.6	35.9	36.3
72.5°	133.1	75.6	54.0	43.4	38.4	36.1	34.8	34.3	34.1	34.0	34.0
75°	75.8	50.3	41.5	37.6	35.0	33.0	32.0	31.5	31.7	32.0	31.5
77.5°	50.1	41.5	36.9	34.3	32.0	29.8	29.2	28.9	29.4	29.8	29.8
80°	39.5	36.9	34.3	31.7	27.9	26.3	26.8	27.0	26.8	27.0	26.3
82.5°	27.9	27.4	28.1	27.0	23.2	21.9	21.4	21.6	21.2	21.2	20.7
85°	12.9	12.9	13.6	13.6	13.2	13.4	14.5	15.8	16.5	15.8	14.9
87.5°	0.0	0.0	0.0	0.0	0.0	2.0	3.9	5.6	6.0	7.5	7.3
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: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	230.0	230.5	230.3	230.0	230.5	230.0	230.3	230.0	230.0	229.9	229.9
5°	237.4	238.0	236.7	236.6	236.1	235.1	235.1	234.6	234.6	233.8	233.1
7.5°	242.1	242.4	241.3	241.1	240.0	239.0	238.0	237.2	237.0	236.4	235.1
10°	246.7	246.3	245.4	244.4	243.3	241.8	240.7	239.6	239.4	238.3	236.7
12.5°	250.6	250.4	248.7	247.6	245.9	244.4	243.1	241.8	241.1	239.8	237.7
15°	253.2	251.9	249.8	247.8	245.9	244.1	242.6	241.1	240.5	239.0	236.7
17.5°	252.1	249.8	247.0	244.6	242.0	239.8	238.5	237.0	235.9	235.1	232.0
20°	248.2	244.7	240.5	237.7	234.2	231.4	230.5	229.0	228.2	224.9	221.0
22.5°	238.0	233.1	227.7	223.6	219.7	216.9	214.8	213.2	211.1	209.1	203.1
25°	225.3	219.7	214.1	209.1	203.9	199.6	195.7	192.1	191.0	186.9	181.0
27.5°	213.0	206.8	201.1	195.3	188.7	183.2	176.5	171.3	167.9	163.5	158.1
30°	199.8	193.6	186.0	178.2	170.4	164.7	157.0	150.8	146.5	142.0	136.9
32.5°	183.2	175.6	166.6	158.0	150.8	143.9	136.3	130.2	126.0	121.9	117.1
35°	164.2	154.2	144.6	135.1	127.4	121.7	115.0	110.4	107.3	103.7	98.7
37.5°	142.3	131.2	120.7	113.4	106.7	101.1	96.4	93.6	90.3	88.4	85.3
40°	120.4	109.3	99.2	92.5	86.9	83.6	81.0	80.4	78.2	75.6	73.7
42.5°	100.9	90.3	80.4	75.0	71.3	70.4	69.1	69.1	68.1	66.1	64.8
45°	87.7	76.7	68.1	64.2	62.2	62.0	61.4	61.4	61.1	60.3	58.8
47.5°	78.2	68.3	61.6	59.2	58.8	58.3	57.7	57.5	57.2	56.6	55.7
50°	69.6	61.1	56.8	55.7	56.0	55.3	54.7	54.0	53.8	53.1	52.3
52.5°	61.6	55.5	52.7	52.1	52.1	52.1	51.6	51.6	51.2	51.0	50.1
55°	57.0	52.5	51.0	50.8	50.5	50.3	49.9	49.9	49.5	49.3	48.2
57.5°	53.1	50.3	49.5	49.0	48.8	48.4	48.2	48.2	48.2	48.2	46.9
60°	50.1	48.8	48.7	48.2	48.0	47.1	46.7	46.4	46.7	46.9	45.6
62.5°	46.9	46.7	46.4	46.0	45.8	44.9	44.3	43.8	44.3	44.7	44.5
63°	46.0	45.8	45.8	45.6	45.4	44.3	43.6	43.2	43.6	44.1	44.1
65°	43.0	43.2	43.2	43.0	42.8	42.1	41.3	40.8	41.0	41.7	42.0
67.5°	39.7	40.0	39.7	40.0	39.7	39.3	38.7	38.2	38.0	38.2	38.4
70°	36.7	37.1	36.9	36.7	36.5	36.5	36.1	35.4	35.3	35.0	35.0
72.5°	34.1	34.1	33.7	33.7	33.5	33.5	33.0	32.4	32.2	32.2	31.7
75°	31.3	31.3	30.7	30.7	30.2	30.4	30.0	29.4	29.2	29.2	28.9
77.5°	29.6	28.9	27.9	27.6	27.4	27.4	27.3	26.6	26.3	26.3	26.1
80°	26.1	24.8	23.7	23.5	23.7	24.2	24.2	23.7	23.7	23.7	23.7
82.5°	20.3	19.9	19.3	18.8	18.8	19.4	20.3	20.7	21.2	21.6	21.6
85°	14.9	15.2	14.9	14.2	14.0	14.7	15.5	16.5	16.7	17.5	17.3
87.5°	8.0	8.2	7.5	7.3	8.0	8.5	9.3	9.5	10.0	10.1	10.3
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: P180961

CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	229.7	229.4	229.7	229.2	229.2	228.7	228.4	228.2	227.7	227.5	227.1
5°	233.6	232.9	232.3	232.0	231.2	230.3	229.7	228.6	227.7	226.2	225.8
7.5°	236.1	234.6	233.8	233.6	232.3	231.6	230.0	228.7	227.5	225.6	224.9
10°	237.2	235.7	234.2	233.6	232.0	231.0	229.4	227.5	226.4	224.5	224.0
12.5°	238.5	235.7	233.3	231.6	229.4	227.1	225.6	224.5	223.0	221.9	221.5
15°	236.1	232.5	228.7	225.6	222.0	219.5	218.0	216.3	214.5	213.9	213.9
17.5°	229.7	224.9	218.6	214.5	210.9	208.1	206.1	204.4	204.2	203.3	203.7
20°	216.3	210.0	203.9	200.9	198.8	197.0	195.1	194.2	193.6	192.3	191.8
22.5°	197.7	192.5	188.2	186.0	184.3	182.1	180.4	177.8	177.1	175.8	175.3
25°	177.1	173.0	169.4	167.9	166.8	163.7	162.7	159.3	156.8	155.3	156.2
27.5°	156.7	153.6	150.1	148.2	147.5	144.7	143.6	139.8	137.9	137.9	135.6
30°	135.4	132.7	130.5	128.4	127.9	124.5	121.7	120.1	118.0	117.1	115.6
32.5°	115.6	112.7	111.1	110.0	108.3	105.4	102.6	100.0	96.6	95.3	94.6
35°	97.2	95.1	92.9	92.0	89.7	86.6	83.2	81.0	76.9	75.4	74.8
37.5°	83.2	80.6	79.1	76.7	74.3	71.1	68.5	66.5	65.0	64.4	64.4
40°	71.9	70.0	68.3	66.3	64.4	62.7	61.4	60.9	60.7	60.7	61.1
42.5°	63.5	61.8	60.9	59.8	59.2	59.2	59.0	59.2	59.4	59.6	60.3
45°	57.9	56.8	56.4	56.2	56.6	57.0	57.2	57.7	58.5	59.0	59.2
47.5°	54.9	54.0	53.8	54.0	54.7	55.5	56.4	57.0	57.7	57.9	58.1
50°	51.8	50.8	50.3	50.8	51.6	52.9	53.6	54.7	55.1	55.5	55.1
52.5°	49.3	48.4	48.2	48.2	49.0	49.9	50.8	51.6	51.8	51.8	51.6
55°	47.1	46.4	45.8	46.2	46.9	47.7	49.0	49.7	50.1	50.3	50.3
57.5°	45.4	44.7	44.1	44.5	45.1	46.0	47.3	48.0	48.4	49.0	49.3
60°	44.1	43.2	42.6	43.2	43.8	45.1	46.2	46.9	48.0	48.2	48.2
62.5°	42.8	42.0	40.8	41.5	41.5	42.1	43.2	44.1	45.1	45.6	45.6
63°	42.6	41.7	40.7	41.0	41.0	41.5	42.3	43.2	44.5	44.9	44.7
65°	40.8	40.7	39.5	39.5	39.1	39.5	40.2	41.0	41.7	42.3	42.3
67.5°	38.0	37.8	37.6	37.6	37.6	38.0	38.4	39.1	39.7	40.2	40.0
70°	34.8	34.8	34.8	35.0	35.0	35.4	35.6	35.4	36.1	36.5	36.3
72.5°	32.0	31.7	31.5	32.0	31.7	31.7	32.2	32.0	32.7	32.7	32.8
75°	28.9	28.7	28.7	28.9	28.6	28.1	28.3	28.3	28.6	28.6	28.9
77.5°	26.3	26.3	26.3	26.1	25.7	25.5	25.3	25.3	25.3	25.3	25.5
80°	24.0	24.0	24.0	23.7	23.3	22.9	22.5	22.2	22.0	20.9	20.9
82.5°	21.6	21.6	21.6	21.6	21.4	20.9	20.3	18.6	17.7	16.8	17.0
85°	17.0	17.5	18.0	18.6	18.3	18.3	17.0	14.9	13.6	12.7	12.9
87.5°	11.0	9.8	9.8	9.5	9.1	8.7	8.7	7.3	6.0	5.4	5.6
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: P180961
 CATALOG NUMBER: ICM-F01-LED-E1-SLL-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	0°
2.5°	227.1	226.6	226.2	226.2	225.6	225.6	225.1	226.0	225.1	224.5	224.5	2.5°
5°	225.3	224.9	223.6	223.4	222.5	222.5	222.5	222.0	222.0	221.7	221.5	5°
7.5°	224.3	223.2	222.0	221.5	221.5	221.0	221.9	221.5	221.7	221.7	221.9	7.5°
10°	223.4	222.5	222.0	221.9	221.9	222.5	223.2	223.4	223.2	223.4	223.4	10°
12.5°	221.2	221.7	221.9	222.7	223.8	225.1	226.6	226.9	227.3	227.3	227.7	12.5°
15°	214.3	215.4	216.7	218.9	221.7	224.5	227.3	229.7	231.8	232.9	233.8	15°
17.5°	204.6	205.7	208.1	210.4	214.1	218.2	223.0	227.1	231.6	235.7	239.8	17.5°
20°	191.4	193.1	193.8	198.1	202.4	208.1	213.7	220.2	227.9	235.7	243.7	20°
22.5°	174.3	176.3	179.3	182.8	187.3	194.2	200.9	211.1	221.5	232.5	245.0	22.5°
25°	155.3	157.5	160.1	163.7	168.3	175.6	185.4	196.2	208.9	223.4	239.0	25°
27.5°	135.6	137.9	140.0	142.6	147.8	155.5	167.0	178.2	192.3	208.1	226.2	27.5°
30°	116.0	116.2	117.5	120.7	126.1	136.3	144.7	158.8	173.5	190.1	211.1	30°
32.5°	94.4	94.2	95.7	98.5	103.7	113.4	123.8	137.4	151.9	172.8	194.4	32.5°
35°	75.2	75.2	78.0	80.8	86.6	93.6	102.6	114.7	131.8	151.3	172.8	35°
37.5°	65.0	66.5	68.3	71.1	75.6	81.0	89.0	99.6	113.0	131.5	151.4	37.5°
40°	61.8	62.7	64.2	66.8	70.6	75.6	81.5	89.4	99.8	114.7	132.8	40°
42.5°	60.5	60.7	61.6	63.5	67.0	71.9	78.0	85.1	92.9	103.4	119.3	42.5°
45°	59.2	59.0	59.4	60.9	63.7	69.4	76.3	84.0	91.8	100.7	113.7	45°
47.5°	58.1	58.1	58.1	58.8	61.4	67.0	75.0	84.0	93.3	103.3	116.0	47.5°
50°	55.1	54.9	54.9	55.3	57.2	63.3	72.8	83.8	95.9	108.9	123.3	50°
52.5°	51.6	51.6	51.8	52.1	53.8	59.8	70.4	83.8	99.0	116.2	134.4	52.5°
55°	50.5	50.8	51.0	50.8	52.1	57.2	67.8	82.5	100.3	122.0	146.2	55°
57.5°	49.7	50.1	50.1	49.9	50.8	55.1	65.2	79.9	99.2	124.2	154.7	57.5°
60°	48.4	48.4	48.4	47.7	48.2	52.1	61.4	75.8	95.7	122.3	156.0	60°
62.5°	45.6	45.6	45.1	44.9	44.7	47.7	56.2	69.8	89.4	117.1	152.7	62.5°
63°	44.9	44.7	44.7	44.1	44.1	46.9	55.1	68.9	87.7	115.8	151.4	63°
65°	42.6	42.6	42.6	42.1	42.0	44.1	50.8	62.9	81.0	109.8	144.9	65°
67.5°	40.0	40.2	39.7	39.5	39.3	40.7	45.8	55.3	70.6	97.0	132.8	67.5°
70°	36.3	36.5	36.5	36.3	36.1	36.9	40.2	47.5	58.5	80.8	113.2	70°
72.5°	33.0	33.5	33.5	34.0	34.0	34.6	35.9	39.5	46.9	63.1	89.0	72.5°
75°	29.6	29.8	30.2	30.7	30.2	30.0	30.2	33.0	36.7	46.7	63.5	75°
77.5°	26.6	27.3	27.3	27.0	26.3	26.0	26.0	27.3	30.2	35.4	45.4	77.5°
80°	22.0	23.2	23.3	22.7	22.0	22.0	22.5	23.3	25.3	29.2	34.3	80°
82.5°	17.7	18.8	19.0	19.3	19.0	19.6	19.6	19.9	20.9	24.0	28.1	82.5°
85°	13.6	14.5	15.2	15.3	15.5	15.8	15.5	14.5	15.2	17.0	19.0	85°
87.5°	6.0	6.2	5.9	6.0	5.9	6.0	6.2	5.2	4.9	6.7	6.9	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: P180961

NUMBER: ICM-F01-LED-E1-SLL-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
226.6	226.6	226.6	226.6	226.6	226.6	226.6
224.3	224.3	224.5	224.0	224.0	224.3	223.6
220.8	221.7	221.7	221.7	221.2	221.7	221.9
221.7	222.3	222.7	222.7	222.5	223.4	224.0
222.7	223.8	224.3	224.3	224.3	225.3	226.9
226.9	227.7	228.4	228.4	228.7	230.0	231.8
234.4	235.4	235.4	235.3	236.6	238.0	240.0
242.8	245.9	247.4	247.2	248.2	250.1	252.4
250.8	259.3	262.9	265.5	266.6	269.2	269.9
257.5	271.5	281.7	290.3	294.5	297.0	300.1
255.2	274.1	292.3	310.0	322.5	335.3	340.7
245.4	269.2	292.9	318.9	341.6	364.3	380.7
233.6	262.0	294.0	330.8	366.6	401.4	429.0
219.9	255.4	296.4	341.8	388.8	434.4	474.4
202.9	242.6	290.6	342.9	398.4	453.7	505.6
181.3	225.3	276.9	335.1	398.8	462.1	524.1
159.6	203.5	259.7	323.8	393.2	464.1	535.8
144.6	184.1	242.1	309.6	384.1	461.0	541.4
134.1	170.0	226.6	296.7	374.4	455.6	542.2
133.3	164.0	216.5	287.2	366.6	450.9	542.2
140.7	167.3	213.0	282.3	363.4	449.4	542.7
154.5	180.2	219.3	286.0	366.0	451.4	544.7
171.1	199.8	236.1	298.8	377.0	457.8	548.9
186.2	222.5	264.8	323.4	397.1	474.2	561.0
195.1	242.0	295.4	358.0	431.4	506.8	585.3
196.2	252.7	322.3	395.5	473.1	544.2	623.9
195.3	253.7	325.8	402.7	482.0	553.5	637.3
190.5	253.9	335.5	427.7	512.7	592.6	674.7
178.4	247.0	339.0	447.4	551.4	644.0	744.5
157.5	227.3	328.8	447.8	566.2	672.7	788.6
126.6	189.9	284.9	407.4	526.9	644.5	777.1
92.7	139.5	215.4	315.6	430.0	536.5	665.6
61.6	90.3	145.2	224.9	308.3	386.0	479.2
42.3	56.0	84.9	135.3	188.7	226.4	305.3
31.1	36.9	47.1	69.1	90.7	111.7	159.4
19.4	21.2	23.5	34.1	48.8	65.9	99.3
5.2	5.4	4.9	6.7	10.6	10.1	11.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)