

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: P180612

Luminaire Tested: **ICM-F06-LED-E1-SL3-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180612
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F06-LED-E1-SL3-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7296.6 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

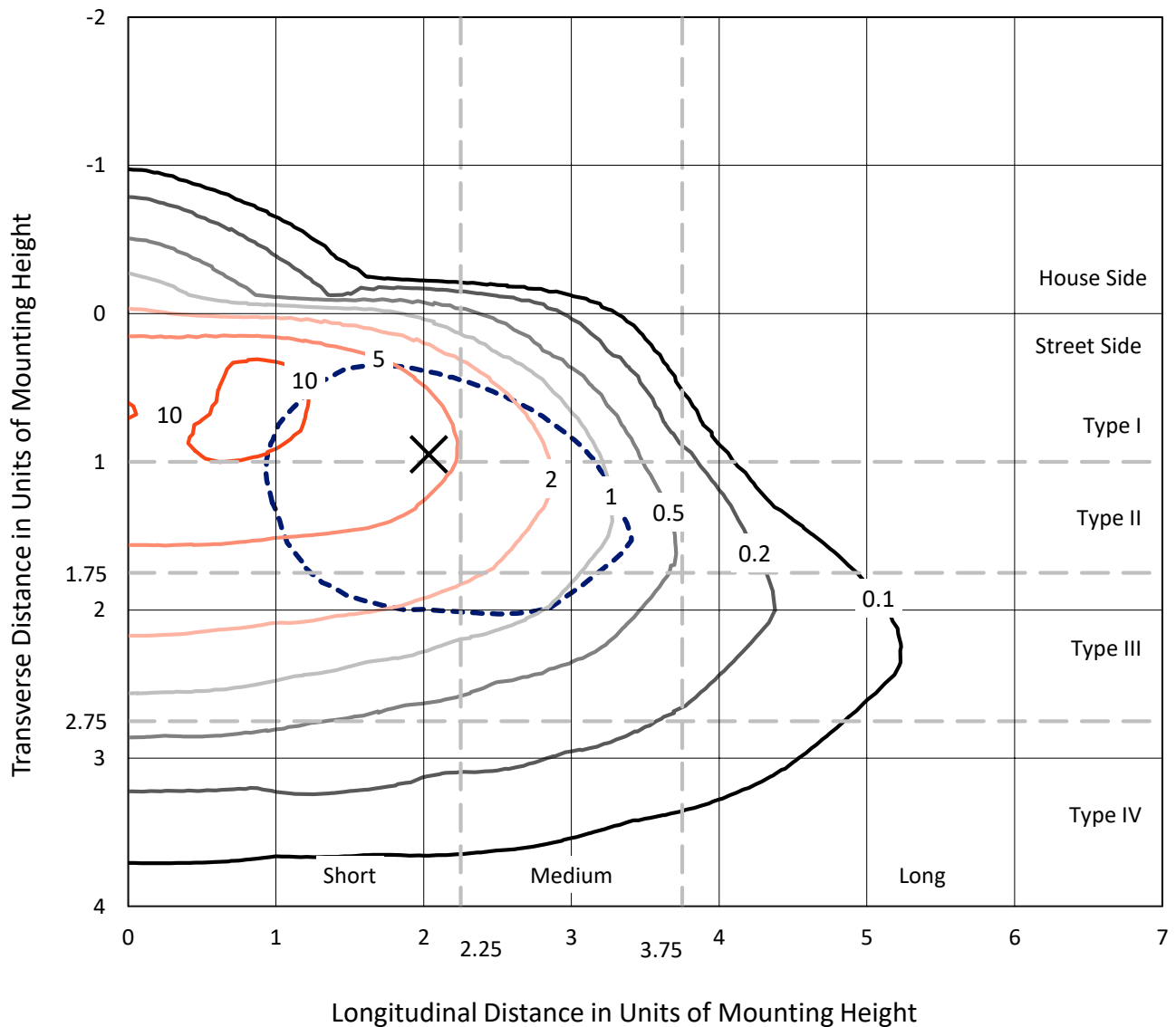
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P180612
 CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

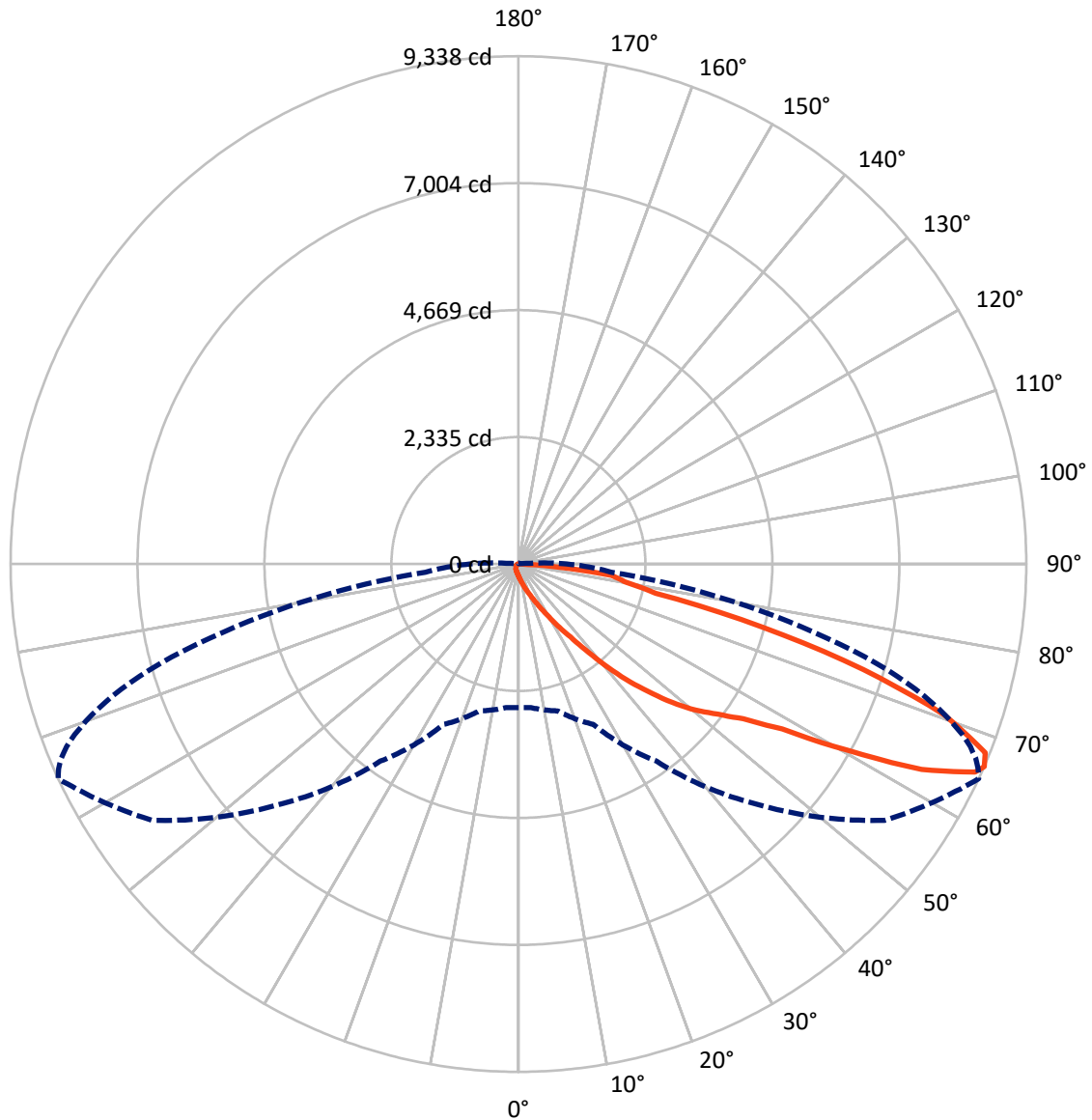


Based on 10 foot mounting height. Maximum calculated value = 12 fc
 Type III - Short - Non-Cutoff

REPORT NUMBER: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

REPORT NUMBER: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

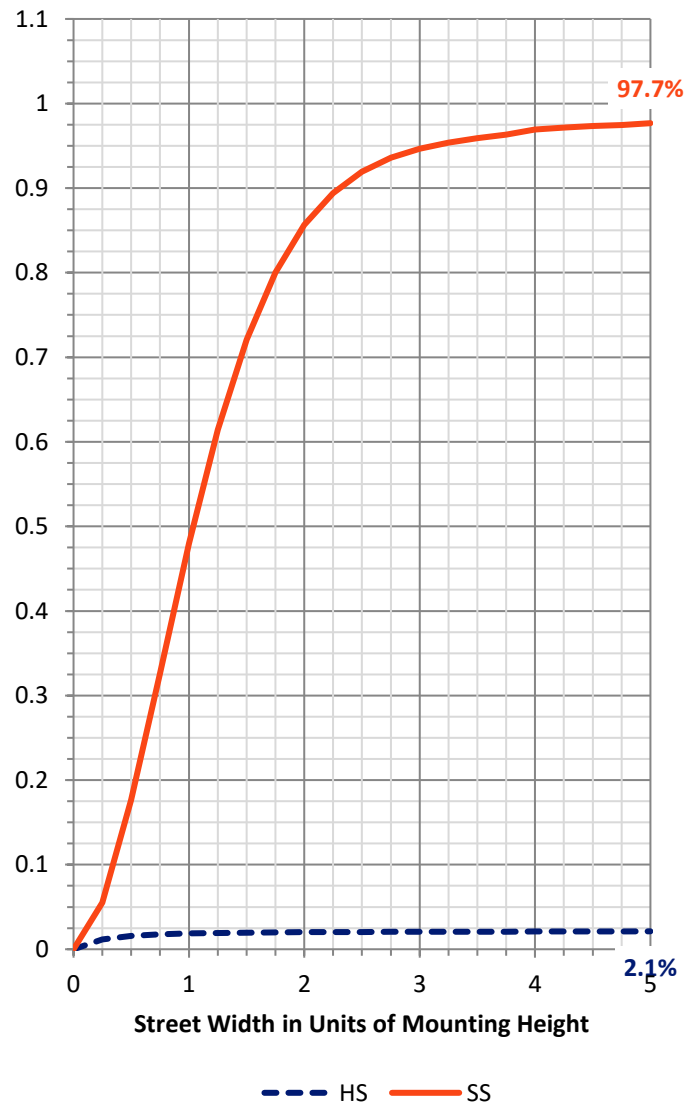
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	158.1	0.0	158.1
	% Fixture	2.2	0.0	2.2
Street Side	Lumens	7138.4	0.0	7138.4
	% Fixture	97.8	0.0	97.8
Total	Lumens	7296.6	0.0	7296.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	0.3
10°-20°	104.5	1.4
20°-30°	225.5	3.1
30°-40°	481.5	6.6
40°-50°	1064.9	14.6
50°-60°	1804.6	24.7
60°-70°	2408.1	33.0
70°-80°	1060.7	14.5
80°-90°	122.2	1.7
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°	7296.6	100.0
0°-180°	7296.6	100.0



REPORT NUMBER: P180612

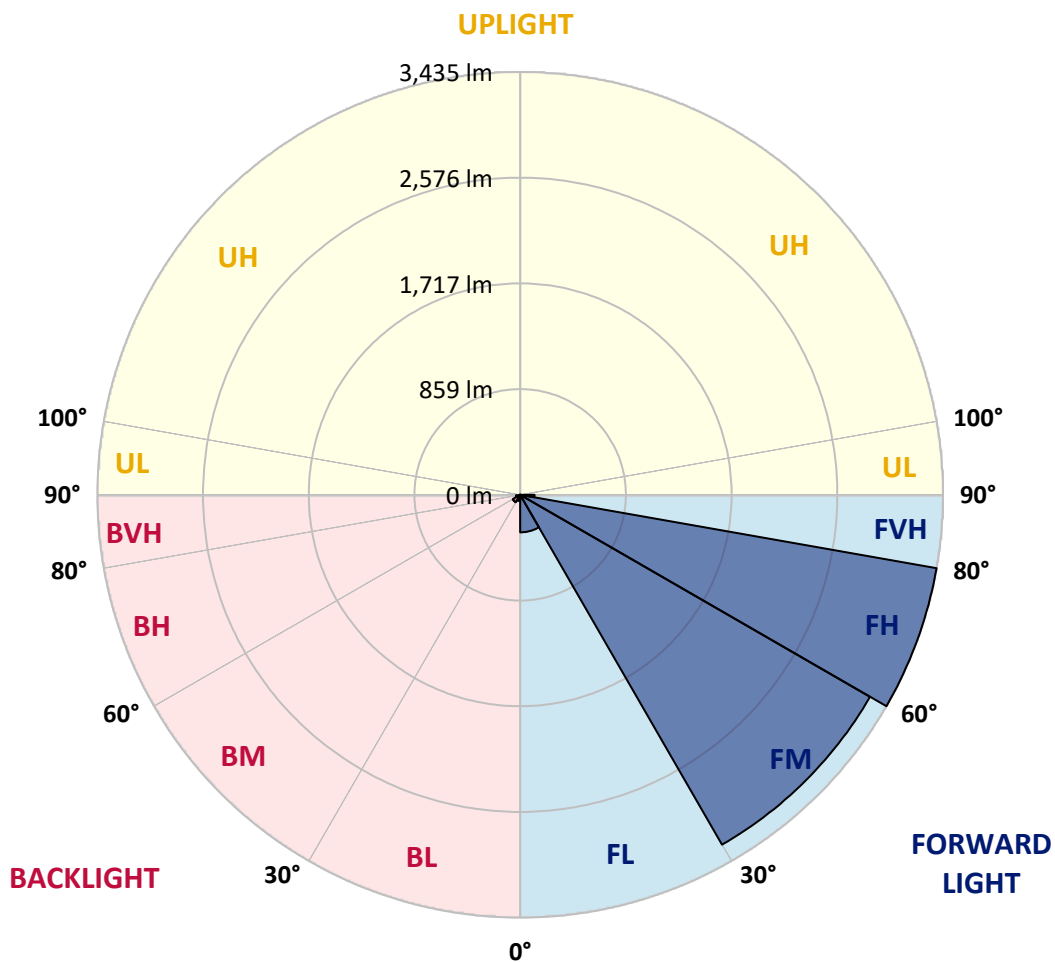
CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	304.8	4.2			
FM	(30°-60°)	3281.5	45.0			
FH	(60°-80°)	3434.9	47.1			G2/5000
FVH	(80°-90°)	117.3	1.6			G2/225
BL	(0°-30°)	49.9	0.7	B0/110		
BM	(30°-60°)	69.4	1.0	B0/220		
BH	(60°-80°)	33.9	0.5	B0/110		G0/110
BVH	(80°-90°)	4.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short





REPORT NUMBER: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	67°	68°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2.5°	277.8	276.4	270.7	270.7	262.3	256.7	249.7	242.7	242.7	241.3	239.9
5°	367.5	359.1	357.7	342.2	329.7	311.4	294.6	272.1	269.3	266.5	265.1
7.5°	467.2	465.8	453.1	434.9	409.6	375.9	342.2	305.8	300.2	297.4	291.8
10°	596.2	589.2	572.4	541.5	503.6	458.7	404.0	346.5	339.4	333.9	331.1
12.5°	719.6	707.0	697.2	657.9	610.2	544.3	478.3	395.6	390.0	383.0	371.7
15°	834.7	823.4	806.6	772.9	719.6	636.8	559.7	458.7	444.7	434.9	426.4
17.5°	924.5	917.4	897.8	859.9	802.4	729.5	636.8	523.3	512.0	499.4	484.0
20°	1010.1	1000.2	969.3	917.4	855.7	799.6	728.0	607.4	592.0	576.6	559.7
22.5°	1091.4	1081.6	1031.1	945.5	879.5	855.7	830.4	702.8	679.0	666.3	649.5
25°	1205.0	1183.9	1105.4	969.3	880.9	899.2	942.7	826.2	803.8	785.6	758.9
27.5°	1357.9	1329.9	1206.4	1004.4	886.5	946.9	1071.7	976.4	952.5	931.4	902.0
30°	1530.4	1512.2	1364.9	1088.6	927.3	1017.0	1216.2	1167.1	1139.1	1113.8	1078.7
32.5°	1704.4	1679.2	1533.2	1248.5	1036.7	1153.1	1397.2	1388.8	1352.3	1328.5	1290.5
35°	1857.3	1844.7	1736.7	1510.8	1286.3	1391.5	1638.4	1648.3	1616.0	1590.8	1548.7
37.5°	1961.1	1961.1	1940.0	1792.8	1683.4	1761.9	1993.3	1994.8	1962.5	1904.9	1883.9
40°	2014.4	2029.9	2105.6	2133.6	2128.0	2229.0	2459.1	2433.9	2407.2	2377.7	2307.5
42.5°	2123.8	2137.9	2299.2	2492.8	2619.0	2752.3	2910.8	2902.3	2870.1	2816.8	2752.3
45°	2308.9	2327.3	2519.4	2826.6	3086.2	3275.5	3376.5	3337.2	3305.0	3254.4	3220.8
47.5°	2544.7	2579.7	2797.1	3177.3	3490.2	3803.0	3908.2	3804.4	3776.3	3737.0	3682.3
50°	2795.7	2829.4	3060.9	3495.7	3849.2	4222.4	4397.7	4222.4	4181.7	4169.0	4107.4
52.5°	3013.2	3041.2	3264.3	3741.2	4124.2	4561.9	4817.1	4585.7	4556.2	4514.2	4469.2
55°	3142.3	3164.7	3373.7	3859.1	4310.7	4867.7	5222.5	5019.2	4975.7	4958.8	4894.4
57.5°	3185.7	3208.2	3396.1	3874.5	4411.7	5146.8	5714.9	5722.0	5670.1	5609.7	5590.1
60°	3185.7	3211.0	3369.5	3836.6	4510.0	5444.2	6371.5	6956.4	6844.2	6833.0	6761.4
62.5°	3053.9	3077.7	3237.6	3720.2	4641.8	5845.4	7286.1	8318.6	8286.3	8213.4	8095.5
65°	2767.7	2781.7	2938.8	3422.8	4591.3	6214.4	8078.7	9224.7	9172.8	9029.7	8878.2
66°	2638.6	2649.9	2797.1	3253.0	4425.8	6264.9	8218.9	9338.4	9252.8	9132.1	8961.0
67.5°	2452.1	2471.7	2575.6	2937.4	4028.8	6089.5	8130.6	9258.4	9184.1	9038.2	8867.0
70°	1637.0	1623.0	1989.1	2254.2	3069.3	4961.6	7294.5	8312.9	8314.3	8245.5	8176.9
72.5°	777.1	785.6	892.2	1387.4	2008.8	3314.8	5806.2	6635.2	6730.6	6607.1	6521.5
75°	558.3	571.0	635.4	848.7	1198.0	1989.1	3763.7	4640.4	4643.2	4424.4	4229.4
77.5°	162.7	169.8	238.5	523.3	897.8	1342.4	2161.7	2579.7	2519.4	2362.3	2215.0
80°	67.3	67.3	70.1	167.0	360.6	911.8	1512.2	1986.3	1979.4	1919.0	1832.0
82.5°	25.2	26.7	33.7	68.7	85.6	224.5	1008.6	1724.0	1719.8	1634.2	1572.6
85°	2.8	2.8	8.4	29.5	32.3	42.0	202.0	760.3	756.1	760.3	666.3
87.5°	0.0	0.0	1.4	2.8	4.2	5.6	8.4	29.5	32.3	30.9	28.1
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: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	69°	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2.5°	239.9	237.0	237.0	235.6	235.6	235.6	234.2	232.8	232.8	231.4	230.0
5°	262.3	259.5	258.1	255.4	253.9	252.5	249.7	248.3	245.5	244.1	242.7
7.5°	288.9	283.4	282.0	277.8	273.6	270.7	267.9	263.7	260.9	255.4	253.9
10°	322.6	315.6	310.0	304.4	300.2	293.2	288.9	283.4	277.8	273.6	269.3
12.5°	366.1	356.3	347.9	342.2	332.5	324.0	315.6	311.4	300.2	294.6	287.5
15°	413.9	402.6	392.7	381.6	374.5	360.6	349.3	336.7	331.1	321.2	310.0
17.5°	475.5	457.3	441.9	430.7	416.7	402.6	390.0	377.3	360.6	349.3	335.3
20°	541.5	526.0	505.0	485.4	468.6	451.7	433.5	416.7	401.2	383.0	366.1
22.5°	625.7	603.2	578.0	558.3	535.9	517.6	492.4	470.0	444.7	420.8	401.2
25°	732.3	702.8	679.0	650.9	624.3	596.2	565.3	537.3	505.0	482.5	448.9
27.5°	864.1	836.1	803.8	767.4	740.7	698.6	657.9	622.8	584.9	549.9	512.0
30°	1032.5	991.7	958.1	923.1	869.8	829.0	781.3	733.7	681.8	646.7	589.2
32.5°	1234.4	1191.0	1140.5	1090.0	1040.8	983.4	924.5	865.5	808.0	743.4	684.6
35°	1481.3	1429.4	1371.9	1317.2	1241.5	1179.7	1105.4	1024.0	959.5	885.1	810.8
37.5°	1808.2	1722.6	1672.1	1614.6	1512.2	1428.0	1345.3	1263.9	1150.2	1071.7	966.5
40°	2217.8	2167.3	2084.6	1991.9	1899.4	1788.6	1676.3	1568.3	1436.5	1327.1	1205.0
42.5°	2699.0	2624.6	2540.5	2407.2	2313.2	2182.7	2055.1	1912.0	1750.7	1610.4	1467.4
45°	3150.6	3062.3	2997.8	2864.5	2766.3	2612.0	2457.7	2306.2	2119.6	1938.6	1773.1
47.5°	3638.8	3565.9	3459.3	3351.3	3251.6	3077.7	2910.8	2727.0	2530.6	2316.0	2101.4
50°	4068.1	4010.5	3937.6	3807.2	3696.3	3550.4	3354.1	3153.5	2905.1	2691.9	2447.8
52.5°	4432.8	4387.9	4285.5	4193.0	4093.3	3955.8	3780.5	3588.3	3320.4	3086.2	2808.4
55°	4863.5	4831.2	4741.4	4683.9	4595.6	4463.7	4299.6	4121.4	3838.1	3582.7	3268.5
57.5°	5569.1	5543.8	5465.2	5441.4	5354.5	5239.4	5037.4	4846.6	4515.6	4198.5	3839.5
60°	6737.6	6687.1	6572.0	6513.2	6329.3	6175.1	5912.8	5650.5	5250.6	4846.6	4414.5
62.5°	7988.9	7847.2	7628.3	7440.4	7179.5	6911.6	6560.9	6159.7	5691.1	5211.4	4714.7
65°	8663.6	8422.4	8146.0	7847.2	7509.2	7114.9	6673.1	6191.9	5688.3	5181.9	4657.2
66°	8740.8	8468.6	8175.4	7843.0	7467.0	7047.6	6598.7	6093.7	5570.5	5076.7	4552.0
67.5°	8644.0	8359.2	8049.2	7680.2	7273.4	6838.6	6367.3	5842.6	5339.0	4838.2	4327.6
70°	7966.5	7683.0	7406.7	7018.2	6584.7	6147.0	5701.0	5114.5	4637.6	4177.5	3723.0
72.5°	6361.6	6169.4	5895.9	5563.5	5141.2	4627.7	4256.0	3731.4	3317.6	2871.5	2519.4
75°	3975.5	3704.8	3366.7	2943.1	2620.4	2203.7	1986.3	1587.9	1352.3	1146.1	946.9
77.5°	2032.7	1829.2	1592.2	1353.7	1125.0	897.8	694.4	491.0	331.1	230.0	171.2
80°	1679.2	1499.5	1303.2	1085.8	883.7	686.0	493.8	336.7	214.6	140.3	109.4
82.5°	1387.4	1235.8	1060.5	858.5	683.2	538.7	374.5	244.1	151.5	98.2	77.1
85°	590.6	535.9	413.9	328.3	246.9	182.3	127.6	85.6	60.3	49.1	44.9
87.5°	25.2	28.1	26.7	21.0	15.4	15.4	14.0	11.3	11.3	11.3	11.3
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: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	80°	81°	82°	83°	84°	85°	95°	105°	115°	125°	135°
0°	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3	220.3
2.5°	230.0	228.7	227.3	227.3	225.9	224.5	216.0	209.0	200.6	195.0	189.4
5°	239.9	238.5	235.6	234.2	231.4	230.0	211.8	196.4	183.7	174.0	167.0
7.5°	249.7	248.3	244.1	239.9	238.5	235.6	206.2	186.6	169.8	158.5	151.5
10°	262.3	258.1	253.9	248.3	244.1	239.9	200.6	175.3	157.1	147.3	140.3
12.5°	280.6	273.6	266.5	259.5	253.9	246.9	197.8	165.5	147.3	136.1	129.0
15°	301.6	291.8	283.4	275.0	265.1	258.1	192.2	157.1	138.9	127.6	119.3
17.5°	321.2	310.0	297.4	284.7	275.0	265.1	186.6	148.7	130.4	119.3	110.8
20°	349.3	332.5	317.0	301.6	287.5	275.0	178.1	140.3	123.4	110.8	102.4
22.5°	380.2	360.6	340.8	319.8	301.6	284.7	171.2	133.3	116.5	103.8	94.0
25°	419.4	395.6	368.9	342.2	321.2	298.8	164.1	126.2	109.4	96.8	87.0
27.5°	474.1	440.5	411.0	377.3	345.1	319.8	158.5	120.7	102.4	89.8	80.0
30°	548.5	499.4	453.1	416.7	378.8	342.2	152.9	113.6	96.8	82.8	71.5
32.5°	631.3	573.8	520.5	465.8	418.0	375.9	147.3	108.0	89.8	75.7	66.0
35°	733.7	660.7	589.2	526.0	468.6	412.4	141.7	102.4	84.2	68.7	58.9
37.5°	880.9	789.8	695.8	614.4	540.1	465.8	137.5	96.8	77.1	61.8	51.9
40°	1083.0	965.1	850.1	739.3	642.5	549.9	131.9	91.2	71.5	56.1	46.3
42.5°	1301.8	1158.7	1007.2	882.3	749.1	632.7	126.2	85.6	66.0	50.5	40.7
45°	1574.0	1395.7	1212.0	1042.2	879.5	729.5	120.7	80.0	58.9	44.9	35.1
47.5°	1871.4	1644.1	1436.5	1223.3	1029.7	850.1	113.6	75.7	53.3	39.3	30.9
50°	2177.1	1937.2	1674.9	1432.3	1202.1	970.7	106.6	68.7	47.7	35.1	25.2
52.5°	2506.8	2223.5	1955.5	1653.9	1386.0	1129.2	99.6	63.2	43.4	30.9	21.0
55°	2926.3	2609.2	2295.0	1956.8	1634.2	1313.0	92.6	56.1	37.9	26.7	16.8
57.5°	3453.7	3077.7	2691.9	2310.4	1919.0	1554.2	87.0	49.1	32.3	22.4	14.0
60°	3951.7	3512.6	3045.4	2606.3	2164.5	1739.5	78.5	43.4	28.1	18.2	14.0
62.5°	4209.8	3709.0	3205.4	2721.4	2250.1	1805.4	70.1	36.5	23.8	15.4	12.7
65°	4146.6	3636.0	3147.8	2659.6	2198.2	1763.3	61.8	32.3	21.0	14.0	12.7
66°	4055.5	3550.4	3059.5	2595.2	2154.7	1718.4	57.5	30.9	19.6	14.0	11.3
67.5°	3856.3	3368.1	2899.6	2467.5	2035.5	1632.8	51.9	28.1	18.2	12.7	11.3
70°	3293.8	2850.4	2475.9	2091.5	1739.5	1376.1	42.0	23.8	15.4	11.3	11.3
72.5°	2179.9	1878.3	1628.7	1401.4	1171.4	909.0	35.1	19.6	12.7	11.3	9.9
75°	822.1	743.4	638.2	573.8	500.8	439.1	28.1	12.7	9.9	9.9	9.9
77.5°	145.9	134.7	119.3	109.4	101.0	92.6	22.4	8.4	8.4	9.9	9.9
80°	98.2	91.2	82.8	75.7	70.1	63.2	15.4	7.0	8.4	8.4	9.9
82.5°	70.1	66.0	61.8	56.1	51.9	46.3	9.9	7.0	8.4	8.4	8.4
85°	42.0	39.3	36.5	33.7	29.5	28.1	7.0	7.0	7.0	8.4	8.4
87.5°	11.3	9.9	11.3	11.3	8.4	9.9	5.6	5.6	5.6	7.0	7.0
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: P180612

CATALOG NUMBER: ICM-F06-LED-E1-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	145°	155°	165°	175°	180°
0°	220.3	220.3	220.3	220.3	220.3
2.5°	186.6	186.6	183.7	188.0	188.0
5°	161.3	161.3	159.9	161.3	161.3
7.5°	147.3	145.9	145.9	145.9	147.3
10°	134.7	133.3	133.3	133.3	133.3
12.5°	123.4	122.0	120.7	122.0	122.0
15°	113.6	110.8	110.8	110.8	110.8
17.5°	105.2	102.4	101.0	101.0	101.0
20°	96.8	92.6	92.6	92.6	92.6
22.5°	88.4	84.2	84.2	84.2	84.2
25°	80.0	75.7	75.7	75.7	75.7
27.5°	72.9	68.7	68.7	68.7	68.7
30°	64.6	61.8	61.8	63.2	61.8
32.5°	58.9	54.7	54.7	56.1	56.1
35°	51.9	49.1	49.1	49.1	49.1
37.5°	44.9	42.0	42.0	42.0	42.0
40°	39.3	36.5	35.1	36.5	36.5
42.5°	33.7	30.9	29.5	29.5	29.5
45°	29.5	25.2	23.8	25.2	25.2
47.5°	23.8	21.0	21.0	22.4	22.4
50°	18.2	18.2	19.6	22.4	22.4
52.5°	16.8	16.8	19.6	22.4	22.4
55°	15.4	16.8	19.6	21.0	22.4
57.5°	14.0	16.8	19.6	21.0	21.0
60°	14.0	15.4	18.2	21.0	21.0
62.5°	12.7	14.0	16.8	19.6	19.6
65°	12.7	14.0	16.8	19.6	19.6
66°	12.7	14.0	16.8	19.6	19.6
67.5°	12.7	14.0	16.8	19.6	19.6
70°	12.7	14.0	16.8	18.2	18.2
72.5°	11.3	12.7	15.4	18.2	18.2
75°	11.3	12.7	15.4	18.2	18.2
77.5°	11.3	12.7	15.4	18.2	18.2
80°	11.3	12.7	15.4	16.8	18.2
82.5°	9.9	12.7	14.0	16.8	16.8
85°	9.9	11.3	14.0	15.4	16.8
87.5°	8.4	9.9	11.3	14.0	14.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)