

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: P180392

Luminaire Tested: **ICM-F04-LED-E1-SL2-HSS-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180392
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
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-HSS-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5144.2 lumens
Efficiency: N/A
Efficacy: 50.3 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: B0 - U0 - G2

Input Watts (W): 102.2
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

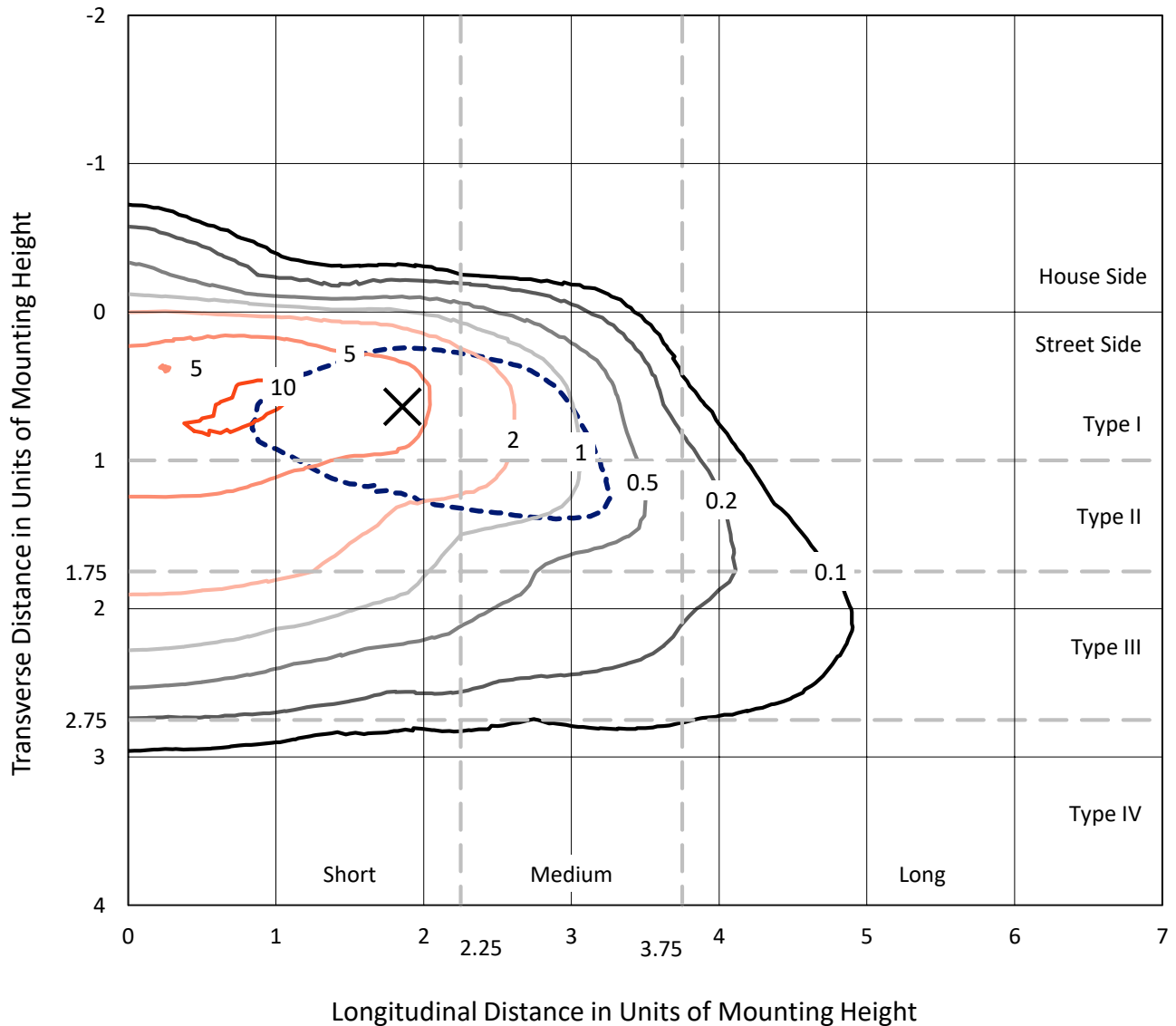


REPORT NUMBER: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

Iso-Footcandle Lines of Horizontal Illumination

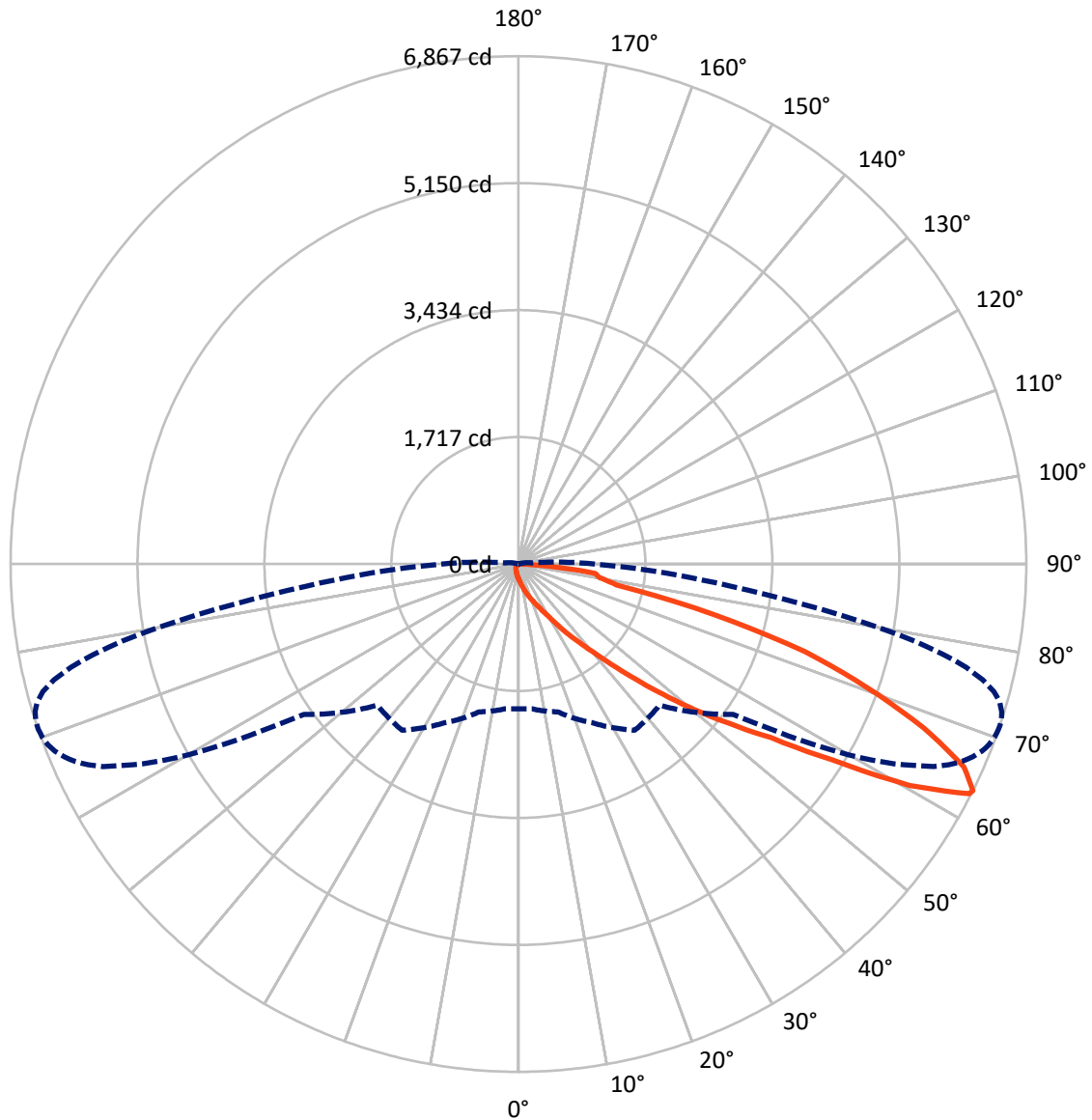
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180392
CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	109.2	0.0	109.2
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	5035.0	0.0	5035.0
	% Fixture	97.9	0.0	97.9
Total	Lumens	5144.2	0.0	5144.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	0.4
10°-20°	84.6	1.6
20°-30°	171.8	3.3
30°-40°	419.8	8.2
40°-50°	938.7	18.2
50°-60°	1320.0	25.7
60°-70°	1552.2	30.2
70°-80°	560.5	10.9
80°-90°	74.9	1.5
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°	5144.2	100.0
0°-180°	5144.2	100.0



REPORT NUMBER: P180392

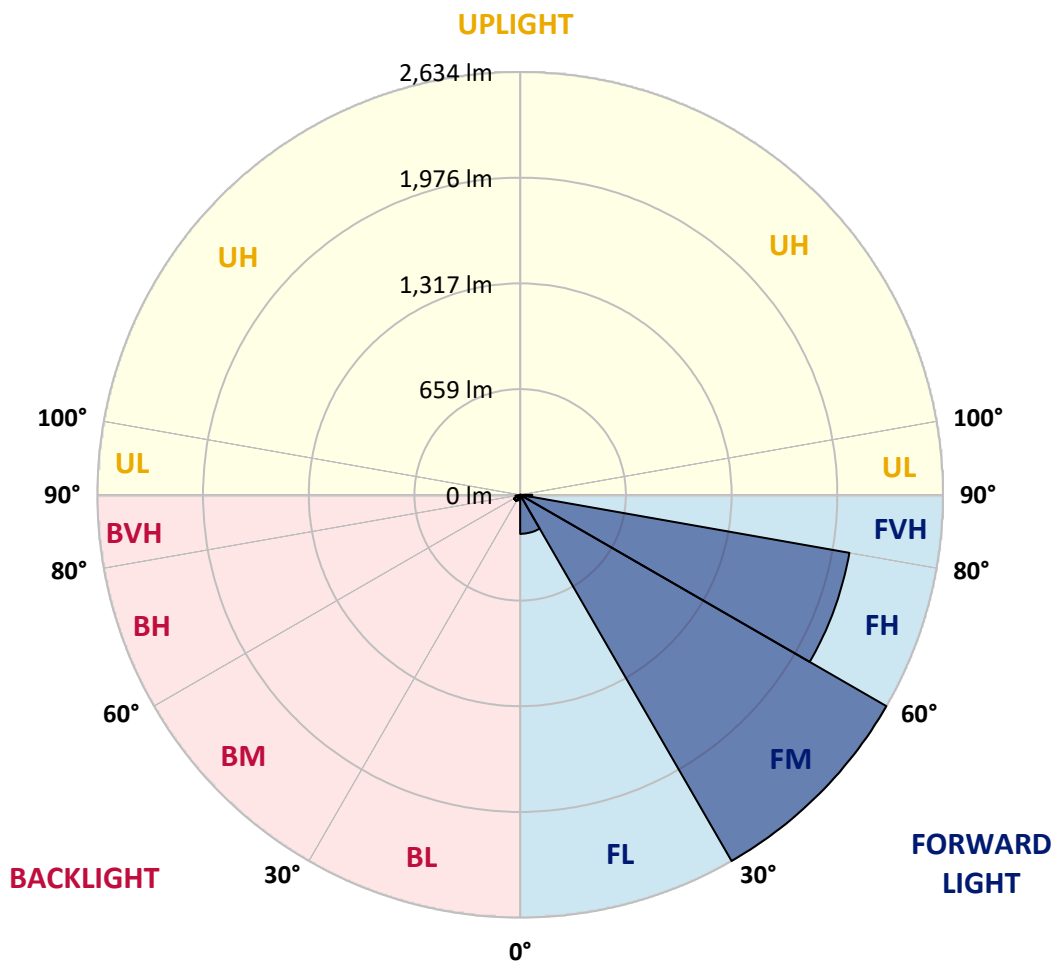
CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	243.1	4.7			
FM	(30°-60°)	2634.4	51.2			
FH	(60°-80°)	2082.7	40.5			G2/5000
FVH	(80°-90°)	74.8	1.5			G1/100
BL	(0°-30°)	35.1	0.7	B0/110		
BM	(30°-60°)	44.0	0.9	B0/220		
BH	(60°-80°)	29.9	0.6	B0/110		G0/110
BVH	(80°-90°)	0.2	0.0			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 II Short





REPORT NUMBER: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3
2.5°	258.1	260.9	259.1	254.3	248.7	241.3	234.7	234.7	233.8	231.0	231.9
5°	338.5	339.4	335.7	324.5	314.2	298.3	280.6	278.7	276.8	274.0	273.1
7.5°	417.1	420.8	417.1	404.9	384.4	360.0	332.0	329.2	323.5	323.5	319.8
10°	497.5	497.5	493.8	479.7	461.0	426.4	390.9	386.2	379.7	377.9	372.2
12.5°	554.6	554.6	552.7	545.2	530.2	499.4	456.4	451.7	443.3	440.5	434.0
15°	577.0	577.0	578.0	584.5	585.4	571.4	526.5	522.8	514.3	506.9	504.1
17.5°	591.1	590.1	590.1	599.4	616.3	625.7	596.7	592.9	583.5	579.8	570.4
20°	621.9	620.0	614.4	614.4	630.3	663.1	663.1	662.1	651.8	649.0	644.4
22.5°	667.7	665.9	649.0	635.0	642.5	683.6	722.0	720.1	716.4	712.7	709.8
25°	742.5	736.0	707.0	665.9	659.4	703.3	766.9	771.5	774.3	774.3	776.2
27.5°	855.7	847.3	795.8	719.2	690.1	735.1	816.4	825.8	834.1	836.1	844.5
30°	1012.8	997.9	924.0	811.7	745.3	781.9	889.4	899.6	911.8	915.5	928.7
32.5°	1270.9	1262.5	1191.4	1023.1	880.9	873.5	991.3	1004.4	1020.3	1026.8	1042.7
35°	1663.7	1665.6	1607.6	1456.1	1259.7	1156.8	1173.7	1184.8	1190.5	1210.1	1218.5
37.5°	1930.2	1934.9	1948.0	1888.2	1747.9	1643.2	1511.3	1523.5	1494.4	1497.2	1498.1
40°	2076.1	2091.1	2167.7	2225.8	2214.5	2153.8	2048.1	2054.6	2000.4	1988.2	1929.3
42.5°	2173.4	2193.0	2315.5	2495.1	2586.7	2641.9	2617.6	2614.8	2572.7	2556.9	2507.3
45°	2234.2	2251.9	2406.2	2670.9	2882.3	3043.1	3109.5	3116.9	3081.4	3065.6	3024.4
47.5°	2231.4	2251.9	2417.5	2736.4	3047.8	3305.0	3492.0	3501.3	3522.9	3508.9	3511.6
50°	2107.9	2127.5	2294.1	2625.0	2999.2	3424.7	3766.9	3796.9	3831.5	3854.8	3866.1
52.5°	1958.2	1972.3	2120.1	2434.3	2791.6	3375.1	3929.7	3981.1	4032.6	4076.5	4107.4
55°	1903.1	1919.0	2035.0	2295.9	2625.0	3167.5	4005.4	4081.1	4154.2	4226.2	4285.0
57.5°	1932.1	1947.1	2030.3	2230.4	2526.0	2948.7	4026.9	4144.8	4264.5	4381.3	4497.3
60°	2038.7	2054.6	2125.7	2291.2	2499.7	2822.4	3942.7	4138.3	4337.4	4541.3	4733.0
62.5°	1996.7	2003.2	2107.9	2397.9	2686.8	2714.9	3637.0	3910.1	4214.0	4528.2	4837.7
63°	1956.4	1963.9	2070.5	2368.9	2743.8	2699.0	3542.5	3830.5	4151.3	4489.9	4826.5
65°	1774.1	1775.0	1856.4	2092.0	2680.3	2727.0	3121.7	3396.6	3765.0	4170.9	4596.5
67.5°	1324.2	1317.7	1396.2	1575.8	2104.2	2727.9	2679.4	2833.6	3089.9	3449.9	3831.5
70°	469.5	459.2	586.3	835.2	1311.2	2231.4	2302.4	2312.8	2383.8	2578.3	2817.7
72.5°	152.5	155.3	187.1	305.8	604.1	1502.0	2084.6	2052.8	2034.1	2033.1	2064.9
75°	60.7	61.8	74.8	135.6	271.2	723.8	1825.5	1843.3	1849.8	1859.2	1869.4
77.5°	29.0	31.8	42.0	75.7	134.7	358.1	1306.4	1457.0	1543.1	1609.5	1649.7
80°	10.3	12.2	23.3	46.8	62.7	164.6	688.3	830.4	956.7	1119.4	1259.7
82.5°	0.0	0.0	4.7	32.7	34.6	66.4	282.4	331.1	378.8	491.0	630.3
85°	0.0	0.0	0.0	9.4	10.3	11.3	95.3	115.1	129.0	150.6	174.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.8	5.6	14.0	21.5
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: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3
2.5°	230.0	229.1	229.1	227.3	226.3	224.5	223.5	220.7	219.8	219.8	219.8
5°	272.1	268.4	266.5	261.9	259.1	258.1	253.4	251.5	248.7	249.7	245.0
7.5°	318.9	312.4	309.6	303.0	301.1	294.6	292.7	288.0	285.2	279.6	277.8
10°	370.3	362.0	357.2	347.0	344.2	339.4	333.9	328.3	323.5	318.0	315.2
12.5°	429.2	421.8	418.0	404.0	397.5	390.9	383.4	375.9	368.5	363.8	357.2
15°	498.4	486.3	482.5	469.5	458.2	449.9	439.5	430.1	424.6	415.3	408.7
17.5°	566.7	554.6	551.7	532.1	520.0	514.3	503.2	491.0	480.7	471.4	461.0
20°	635.0	626.6	619.1	600.4	587.3	578.0	563.0	550.8	542.4	529.3	516.2
22.5°	703.3	694.9	689.2	669.6	657.4	644.4	631.3	618.1	606.1	590.1	575.2
25°	773.4	767.8	765.0	747.3	736.0	723.8	710.7	695.8	680.8	663.1	647.2
27.5°	846.3	848.2	842.6	838.9	826.7	818.3	797.7	787.4	776.2	754.7	735.1
30°	938.9	944.6	942.7	945.5	938.0	932.4	916.5	903.4	890.3	869.8	847.3
32.5°	1055.8	1063.4	1067.1	1077.3	1073.6	1071.7	1067.1	1048.4	1039.0	1003.4	994.1
35°	1236.3	1232.6	1248.5	1256.9	1253.1	1251.3	1245.7	1235.4	1224.2	1198.9	1175.5
37.5°	1471.1	1474.8	1480.4	1463.5	1452.4	1451.5	1434.6	1424.3	1408.4	1380.4	1352.3
40°	1901.2	1877.9	1851.6	1780.6	1749.8	1732.0	1682.4	1668.4	1641.2	1602.9	1574.0
42.5°	2460.5	2437.1	2358.5	2239.8	2176.2	2088.3	2048.1	1998.5	1960.2	1897.5	1863.8
45°	3016.0	2948.7	2939.3	2800.9	2722.3	2606.3	2534.3	2451.2	2364.2	2281.9	2222.1
47.5°	3484.5	3469.6	3423.7	3339.6	3266.6	3169.3	3076.8	2948.7	2858.9	2742.0	2634.4
50°	3859.6	3858.6	3841.8	3793.1	3732.4	3653.8	3572.4	3463.9	3362.0	3218.9	3103.9
52.5°	4140.1	4155.1	4160.7	4145.7	4122.4	4053.1	4011.9	3921.2	3835.2	3713.6	3589.2
55°	4345.8	4401.1	4429.1	4460.9	4454.4	4430.0	4428.1	4369.2	4330.0	4233.6	4145.7
57.5°	4600.2	4690.9	4777.9	4932.2	4937.8	4992.0	5020.1	5048.1	5055.7	5017.3	4988.3
60°	4923.8	5109.0	5273.5	5596.2	5680.3	5813.2	5899.2	5992.7	6072.2	6078.7	6076.9
62.5°	5151.9	5437.2	5702.8	6181.6	6345.2	6498.6	6613.7	6704.4	6759.6	6815.7	6841.9
63°	5158.5	5470.8	5753.3	6247.1	6419.1	6565.1	6674.5	6758.6	6816.6	6850.3	6867.1
65°	5000.5	5379.2	5715.8	6207.8	6369.6	6516.4	6573.4	6628.6	6656.7	6669.8	6620.2
67.5°	4238.3	4608.6	5001.4	5551.3	5689.7	5865.5	5912.3	5940.3	5953.4	5950.6	5908.5
70°	3169.3	3479.8	3916.6	4545.1	4728.3	4900.4	5007.0	5052.9	5067.8	5063.1	5000.5
72.5°	2212.7	2395.0	2755.1	3454.6	3704.3	3925.0	4056.9	4125.1	4139.2	4111.1	4053.1
75°	1858.2	1867.5	1948.9	2331.5	2565.2	2800.9	2949.6	2992.6	2964.6	2879.5	2731.7
77.5°	1659.0	1679.6	1679.6	1736.7	1782.4	1847.9	1862.0	1757.2	1635.6	1478.5	1351.4
80°	1391.5	1463.5	1514.1	1556.2	1560.8	1547.7	1513.1	1454.2	1360.7	1241.0	1108.2
82.5°	845.4	987.5	1045.6	1262.5	1369.1	1441.1	1435.5	1356.9	1285.9	1161.5	1048.4
85°	213.2	230.0	249.7	324.5	363.8	444.2	494.7	518.0	526.5	483.5	437.7
87.5°	20.6	14.0	23.3	17.8	25.2	18.7	25.2	23.3	29.0	30.9	33.7
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: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3
2.5°	217.9	216.9	216.0	215.1	214.1	213.2	211.4	211.4	209.5	208.6	207.6
5°	242.2	240.4	239.4	237.6	234.7	232.8	230.0	226.3	223.5	222.6	220.7
7.5°	273.1	268.4	266.5	263.7	260.0	254.3	250.6	247.8	243.2	240.4	234.7
10°	307.7	303.0	297.4	291.8	286.1	279.6	275.0	271.2	263.7	260.0	253.4
12.5°	351.6	343.3	336.7	329.2	321.7	314.2	308.7	297.4	290.9	282.4	276.8
15°	396.6	389.0	381.6	372.2	361.0	348.8	343.3	332.9	324.5	311.4	303.9
17.5°	450.8	436.7	425.5	414.3	404.0	392.7	381.6	365.7	353.5	342.2	327.4
20°	504.1	487.3	475.1	460.1	445.1	427.4	414.3	403.1	386.2	371.3	355.4
22.5°	561.1	544.3	524.7	509.7	489.1	475.1	457.3	438.6	421.8	402.1	382.5
25°	630.3	612.6	590.1	570.4	547.1	527.4	506.0	484.5	463.8	441.4	416.2
27.5°	715.4	696.7	672.4	649.0	618.1	593.9	573.3	544.3	518.0	490.0	461.0
30°	823.0	802.4	772.5	738.8	707.9	680.8	651.8	613.5	584.5	550.8	513.4
32.5°	963.3	938.9	898.7	866.9	828.6	793.0	752.8	714.5	673.3	629.4	586.3
35°	1140.0	1117.6	1070.8	1024.0	982.0	939.9	889.4	845.4	787.4	734.1	679.0
37.5°	1323.3	1283.1	1240.1	1189.6	1137.2	1086.7	1024.9	964.2	897.8	839.8	770.6
40°	1532.8	1484.2	1448.6	1394.3	1320.5	1248.5	1191.4	1115.7	1032.5	954.8	873.5
42.5°	1819.9	1765.7	1702.1	1619.7	1566.4	1482.2	1408.4	1318.6	1209.2	1122.2	1024.0
45°	2151.9	2078.0	2016.3	1936.8	1872.3	1767.5	1681.5	1561.8	1452.4	1338.2	1218.5
47.5°	2530.6	2439.0	2349.2	2270.6	2167.7	2064.9	1955.5	1828.3	1688.0	1562.7	1420.6
50°	2965.5	2835.5	2711.1	2610.2	2468.9	2350.2	2231.4	2088.3	1933.0	1789.0	1627.3
52.5°	3449.0	3298.4	3133.8	2978.6	2814.9	2662.5	2519.4	2354.8	2181.8	2006.0	1825.5
55°	4032.6	3919.4	3725.8	3528.5	3309.6	3105.8	2921.5	2717.7	2507.3	2276.3	2086.4
57.5°	4946.3	4891.0	4729.2	4531.9	4246.7	3998.9	3686.5	3436.9	3131.9	2814.0	2568.9
60°	6184.4	6116.1	6025.4	5865.5	5639.2	5302.5	4958.4	4570.3	4106.4	3666.0	3247.9
62.5°	6844.7	6820.3	6746.5	6636.1	6424.8	6159.2	5812.2	5385.8	4862.1	4327.1	3794.1
63°	6864.3	6833.4	6769.8	6657.6	6471.5	6214.4	5873.9	5459.7	4947.2	4402.0	3857.7
65°	6598.7	6586.6	6522.0	6399.5	6272.3	6075.9	5812.2	5455.9	5025.7	4510.4	3969.0
67.5°	5852.4	5815.9	5716.8	5679.4	5590.5	5454.1	5253.0	5007.9	4700.3	4295.4	3827.7
70°	4950.0	4895.8	4771.4	4705.0	4596.5	4510.4	4387.9	4213.0	4023.2	3740.8	3391.9
72.5°	3993.2	3881.0	3766.9	3594.0	3442.4	3289.0	3153.5	3030.1	2821.5	2707.4	2442.7
75°	2593.3	2389.4	2194.0	1932.1	1696.5	1487.9	1284.9	1182.1	967.9	880.9	756.6
77.5°	1230.7	1116.7	963.3	844.5	692.9	565.8	462.0	347.0	272.1	213.2	162.7
80°	993.2	896.8	804.3	696.7	582.6	464.7	356.3	266.5	188.9	130.9	92.6
82.5°	885.6	780.8	666.8	592.9	515.3	421.8	346.0	282.4	208.6	152.5	103.8
85°	344.2	290.0	223.5	182.3	142.1	116.9	105.7	72.9	57.0	44.9	34.6
87.5°	30.0	24.3	19.6	13.1	14.0	7.4	8.4	5.6	4.7	4.7	3.7
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: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3	197.3
2.5°	206.7	205.8	204.8	203.0	203.0	201.0	200.1	199.2	194.5	184.2	175.8
5°	216.9	215.1	213.2	210.4	208.6	205.8	203.9	201.0	190.8	171.2	154.3
7.5°	231.9	228.2	225.4	219.8	216.9	213.2	210.4	205.8	188.9	159.0	135.6
10°	249.7	243.2	238.5	231.9	226.3	221.7	216.9	210.4	187.1	145.9	118.8
12.5°	271.2	263.7	254.3	246.9	239.4	232.8	226.3	217.9	184.2	134.7	105.7
15°	292.7	281.5	275.0	264.7	254.3	245.0	235.6	228.2	185.2	122.5	94.4
17.5°	317.0	305.8	291.8	280.6	269.3	257.2	246.0	231.0	180.5	113.1	86.0
20°	340.4	324.5	311.4	297.4	281.5	266.5	252.5	239.4	176.7	103.8	78.5
22.5°	365.7	347.0	330.1	312.4	292.7	275.9	259.1	242.2	170.2	95.3	72.0
25°	396.6	375.0	350.7	329.2	308.7	288.0	266.5	246.0	163.6	87.9	67.3
27.5°	434.0	405.9	381.6	354.4	325.5	299.3	275.9	253.4	157.1	82.3	62.7
30°	481.6	448.9	414.3	379.7	348.8	318.9	286.1	258.1	150.6	76.7	58.0
32.5°	545.2	504.1	462.0	421.8	380.7	342.2	307.7	271.2	146.8	72.0	53.3
35°	629.4	576.1	524.7	474.1	424.6	377.9	332.9	291.8	146.8	66.4	47.7
37.5°	708.8	647.2	581.7	519.1	460.1	405.9	352.6	303.0	139.3	61.8	43.0
40°	794.9	721.0	644.4	570.4	499.4	432.1	371.3	314.2	132.8	56.1	38.3
42.5°	926.8	833.2	733.2	647.2	562.0	478.8	403.1	335.7	124.4	50.5	33.7
45°	1099.8	981.0	863.2	758.4	650.0	548.0	458.2	375.0	122.5	45.9	29.0
47.5°	1284.9	1144.7	1006.2	872.6	745.3	626.6	519.1	419.0	122.5	41.1	25.2
50°	1469.2	1293.4	1145.6	990.3	847.3	707.0	578.9	464.7	123.4	37.4	20.6
52.5°	1635.6	1447.6	1282.1	1102.6	944.6	781.9	642.5	509.7	121.6	32.7	16.8
55°	1866.6	1646.0	1454.2	1256.0	1070.8	887.5	729.5	577.0	122.5	29.0	14.0
57.5°	2292.2	2033.1	1802.2	1542.1	1328.9	1092.3	900.6	715.4	133.8	24.3	10.3
60°	2902.8	2566.2	2241.7	1924.7	1653.4	1371.9	1123.2	905.3	157.1	19.6	7.4
62.5°	3313.4	2872.9	2485.8	2136.0	1820.8	1526.2	1255.0	1007.2	173.0	15.9	4.7
63°	3355.5	2900.0	2511.0	2150.0	1828.3	1533.7	1260.7	1014.7	174.0	15.0	4.7
65°	3435.0	2946.8	2525.0	2152.9	1820.8	1523.5	1256.9	1013.8	175.8	12.2	3.7
67.5°	3344.2	2874.8	2443.6	2072.4	1755.4	1462.6	1210.1	976.4	174.9	8.4	2.8
70°	2990.7	2601.7	2223.0	1876.9	1588.8	1324.2	1101.7	890.3	160.8	5.6	1.9
72.5°	2195.8	1931.2	1637.5	1387.8	1197.0	994.1	848.2	668.7	124.4	3.7	0.9
75°	650.9	592.9	498.4	439.5	388.1	320.7	285.2	222.6	63.6	1.9	0.0
77.5°	130.0	117.9	105.7	96.3	90.7	77.6	73.9	60.7	26.1	0.9	0.0
80°	68.3	56.1	47.7	42.0	36.5	30.0	25.2	20.6	4.7	0.0	0.0
82.5°	65.5	44.0	31.8	26.1	22.4	17.8	14.0	10.3	2.8	0.0	0.0
85°	24.3	18.7	14.0	11.3	9.4	8.4	6.5	5.6	0.0	0.0	0.0
87.5°	3.7	2.8	2.8	1.9	1.9	0.9	0.9	0.9	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: P180392

CATALOG NUMBER: ICM-F04-LED-E1-SL2-HSS-7030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	197.3	197.3	197.3	197.3	197.3	197.3	197.3
2.5°	167.4	159.9	156.2	151.5	151.5	150.6	152.5
5°	139.3	129.0	121.6	116.0	116.9	114.0	115.1
7.5°	117.9	107.5	101.0	97.3	96.3	95.3	95.3
10°	102.0	92.6	87.0	84.2	83.3	83.3	83.3
12.5°	90.7	81.4	76.7	74.8	74.8	73.9	73.9
15°	81.4	73.9	69.2	67.3	67.3	66.4	67.3
17.5°	73.9	66.4	62.7	60.7	60.7	59.8	59.8
20°	67.3	60.7	57.0	54.2	54.2	53.3	54.2
22.5°	61.8	55.2	50.5	48.7	47.7	46.8	47.7
25°	56.1	49.6	44.9	42.0	41.1	41.1	40.2
27.5°	51.4	44.9	39.3	36.5	35.5	35.5	34.6
30°	46.8	39.3	33.7	30.9	30.0	30.0	30.0
32.5°	42.0	33.7	29.0	26.1	25.2	25.2	25.2
35°	37.4	29.0	24.3	21.5	20.6	20.6	20.6
37.5°	31.8	24.3	18.7	16.8	15.9	15.0	15.0
40°	27.2	18.7	14.0	12.2	10.3	10.3	10.3
42.5°	22.4	15.0	10.3	7.4	6.5	5.6	6.5
45°	18.7	11.3	6.5	3.7	2.8	2.8	2.8
47.5°	15.0	7.4	2.8	0.9	0.9	0.9	0.9
50°	11.3	4.7	0.9	0.0	0.0	0.9	0.9
52.5°	8.4	2.8	0.0	0.0	0.0	0.0	0.0
55°	4.7	0.9	0.0	0.0	0.0	0.0	0.0
57.5°	2.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	1.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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

(END OF REPORT)