

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: P181185

Luminaire Tested: **ICM-E05-LED-E1-T2-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181185  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-E05-LED-E1-T2-HSS-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD  
Light Source: (105) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

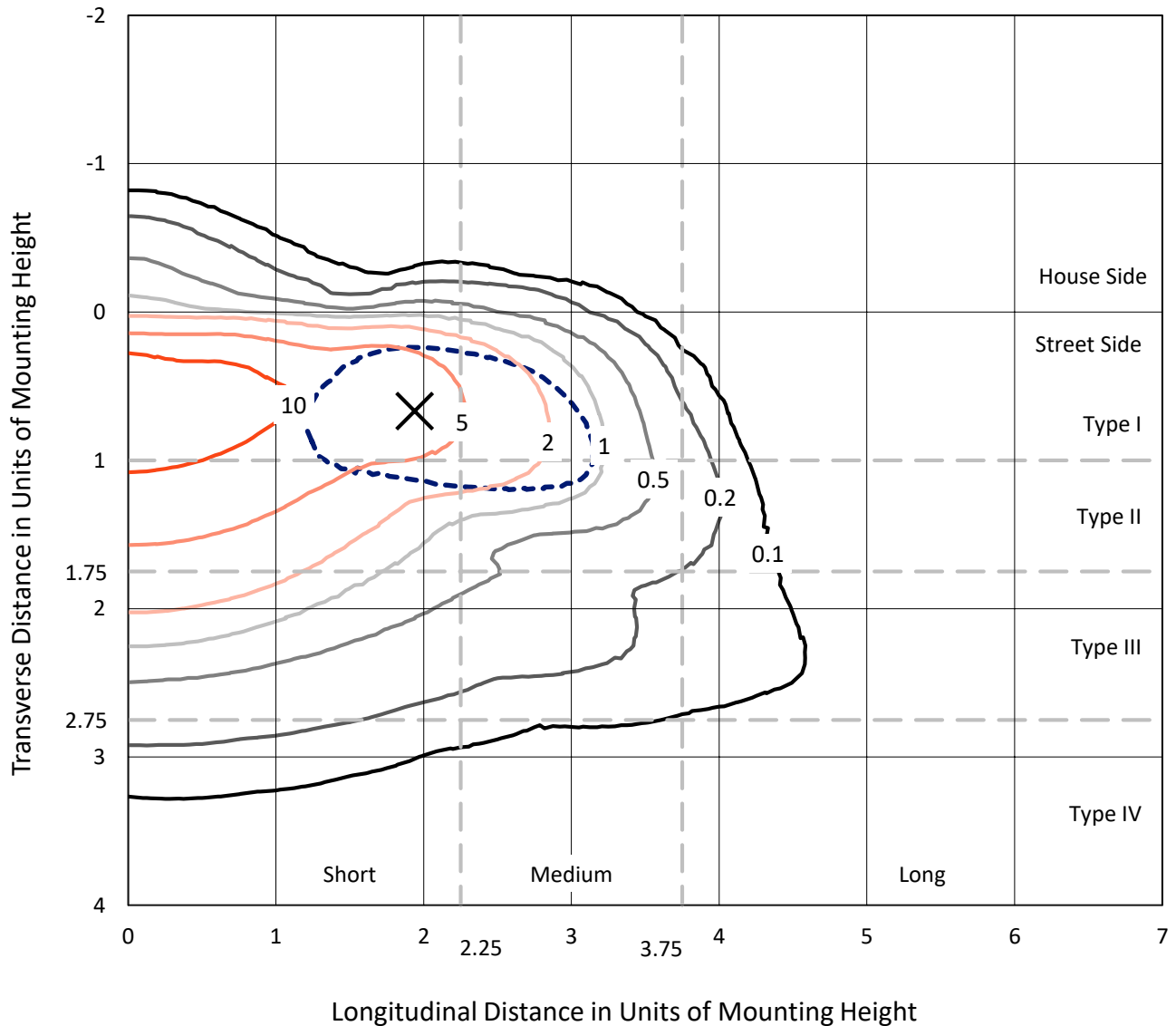
Lumens per Lamp: N/A  
Luminaire Lumens: 6285.9 lumens  
Efficiency: N/A  
Efficacy: 49.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 127.3  
Input Voltage (V): NR  
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



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### Iso-Footcandle Lines of Horizontal Illumination

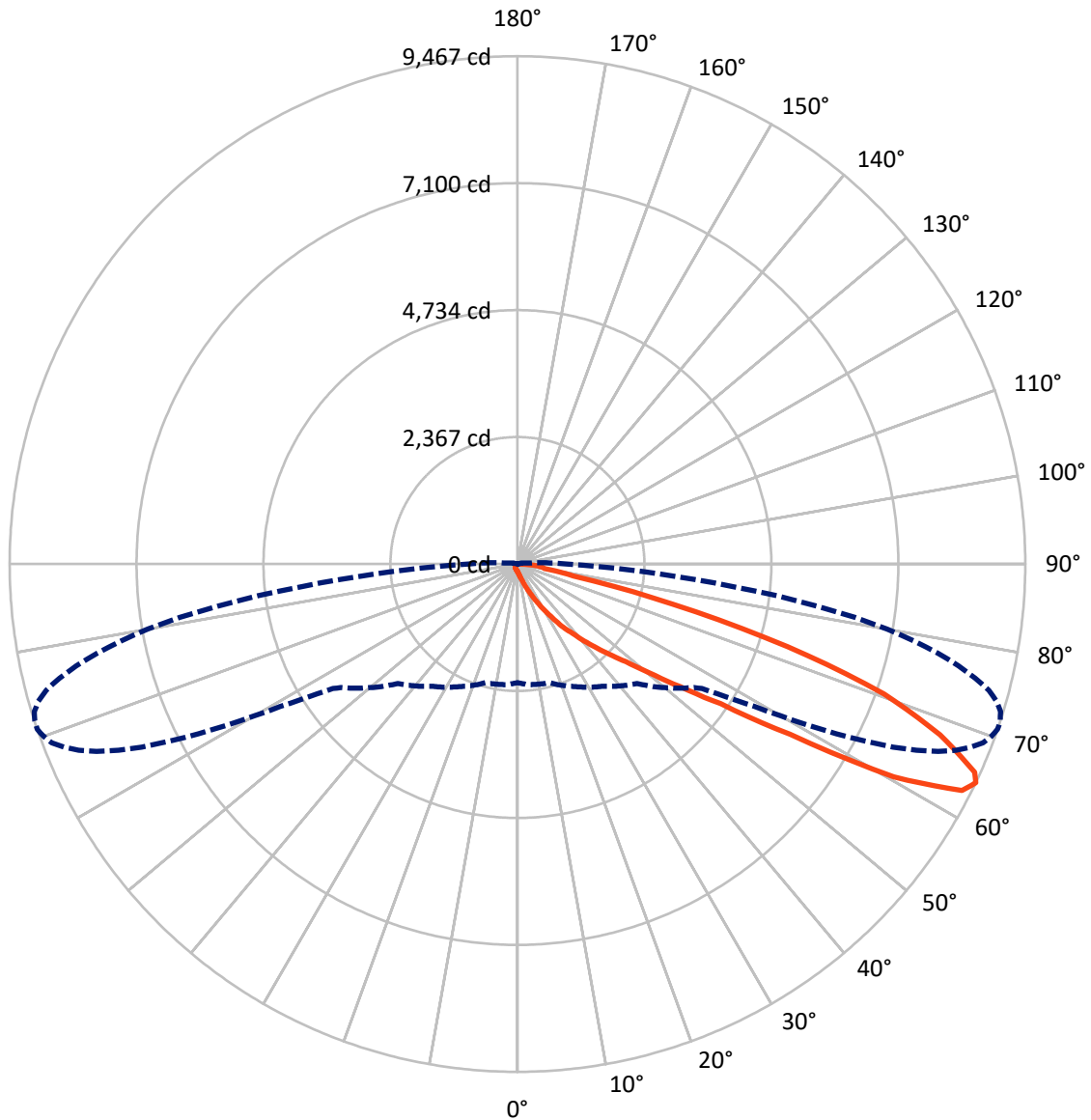
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.2 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 64-Deg Vertical

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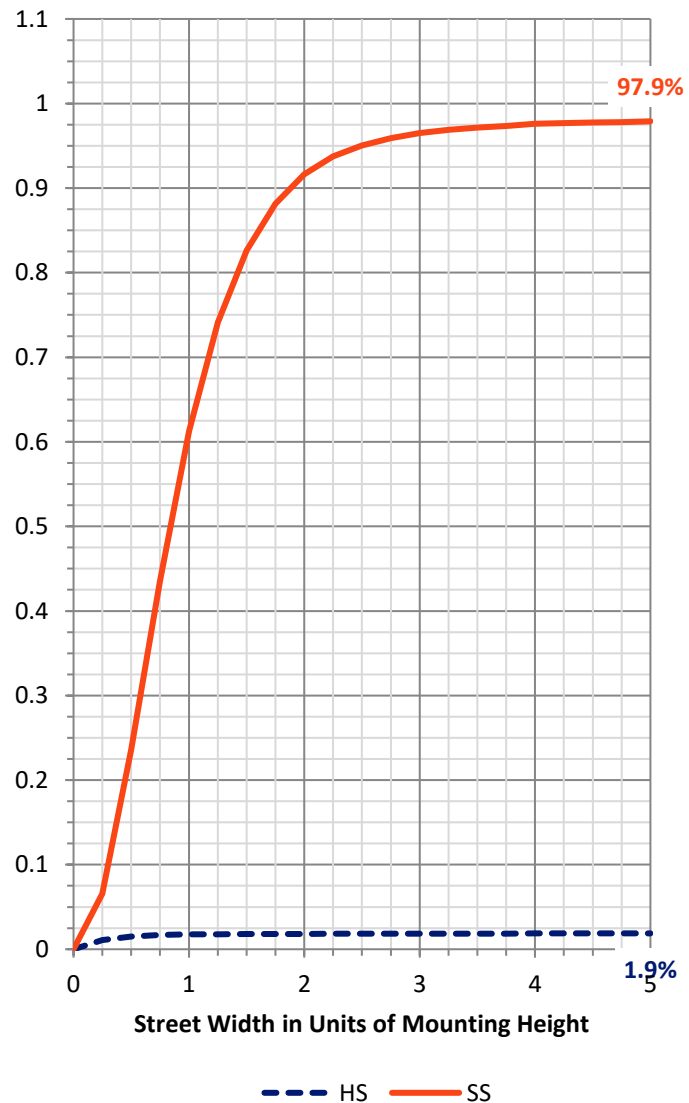
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	120.3	0.0	120.3
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	6165.6	0.0	6165.6
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	6285.9	0.0	6285.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.3	0.3
10°-20°	113.6	1.8
20°-30°	290.3	4.6
30°-40°	587.2	9.3
40°-50°	1073.3	17.1
50°-60°	1672.2	26.6
60°-70°	1858.7	29.6
70°-80°	606.1	9.6
80°-90°	65.2	1.0
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°	6285.9	100.0
0°-180°	6285.9	100.0



REPORT NUMBER: P181185

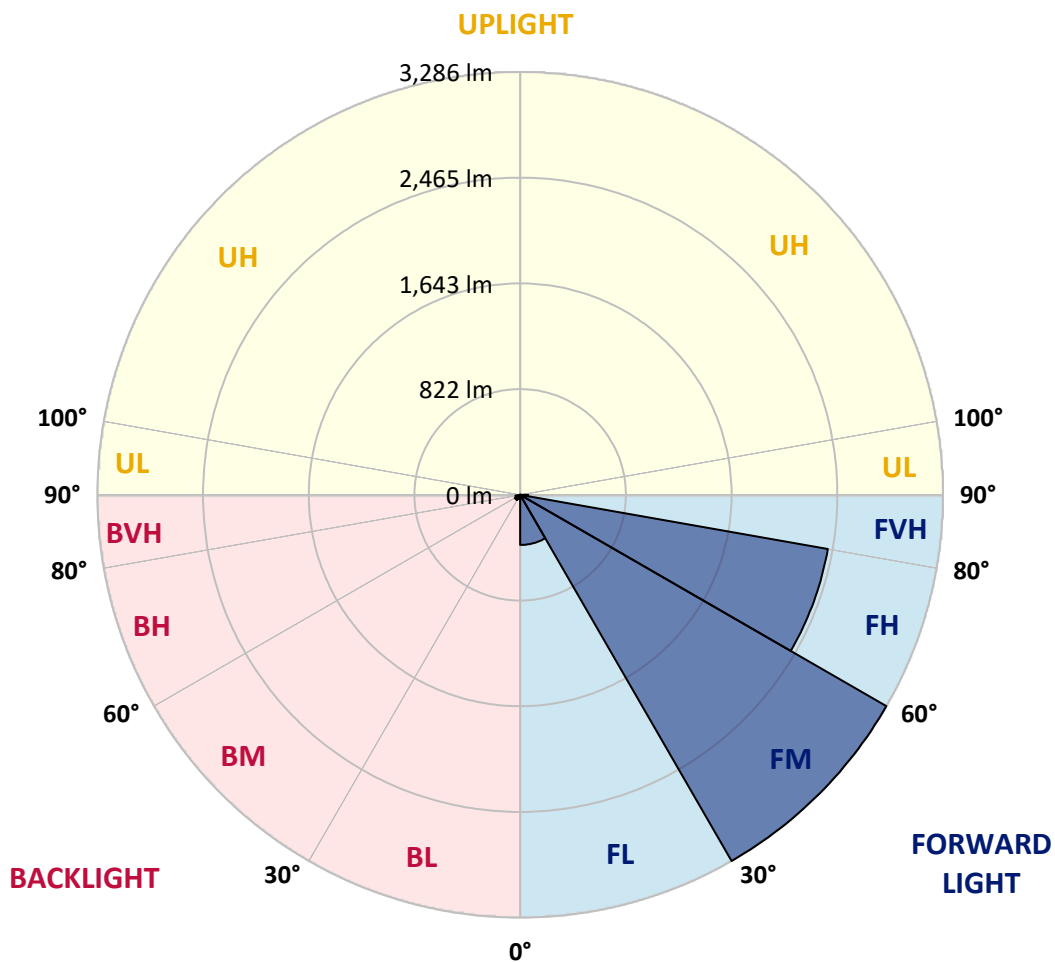
CATALOG NUMBER: ICM-E05-LED-E1-T2-HSS-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	389.7	6.2			
FM	(30°-60°)	3286.2	52.3			
FH	(60°-80°)	2427.7	38.6			G2/5000
FVH	(80°-90°)	62.1	1.0			G1/100
BL	(0°-30°)	33.5	0.5	B0/110		
BM	(30°-60°)	46.5	0.7	B0/220		
BH	(60°-80°)	37.1	0.6	B0/110		G0/110
BVH	(80°-90°)	3.1	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
2.5°	188.5	185.8	185.8	181.9	176.7	171.4	166.1	164.8	163.5	162.2	162.2
5°	295.7	285.3	281.3	267.0	248.7	226.4	206.8	201.5	201.5	197.6	195.0
7.5°	464.6	459.3	431.8	417.4	374.2	320.6	264.3	259.1	257.8	252.6	244.7
10°	680.5	670.0	650.3	608.5	530.0	437.0	357.2	344.1	335.0	324.5	314.0
12.5°	896.4	883.3	854.4	786.4	707.9	588.8	460.6	448.8	434.4	420.0	403.0
15°	1112.3	1103.1	1058.6	990.5	888.5	745.9	583.6	562.7	550.9	522.1	509.0
17.5°	1299.4	1287.5	1252.3	1175.1	1069.0	912.0	719.7	693.5	673.9	656.8	625.5
20°	1461.6	1449.9	1415.8	1351.7	1232.7	1078.2	866.2	853.1	817.9	791.6	773.3
22.5°	1561.0	1557.1	1534.9	1473.4	1367.5	1230.1	1033.8	1012.8	989.2	953.9	932.9
25°	1622.5	1618.6	1605.6	1562.3	1490.4	1389.7	1218.2	1192.1	1171.2	1139.7	1113.6
27.5°	1686.7	1684.1	1673.6	1635.6	1597.7	1534.9	1405.3	1391.0	1345.1	1326.8	1302.0
30°	1792.7	1780.9	1790.1	1771.7	1723.4	1684.1	1593.8	1572.8	1553.2	1521.8	1499.5
32.5°	1961.5	1941.9	1961.5	1941.9	1920.9	1873.8	1787.5	1780.9	1761.3	1741.7	1710.2
35°	2168.2	2160.4	2176.1	2193.0	2176.1	2113.2	2008.6	1988.9	1981.1	1949.7	1938.0
37.5°	2376.3	2390.7	2419.5	2457.4	2446.9	2401.1	2253.3	2235.0	2220.6	2193.0	2172.1
40°	2600.0	2601.3	2662.8	2717.8	2745.3	2717.8	2522.8	2508.5	2488.9	2449.6	2444.3
42.5°	2843.5	2832.9	2878.7	2940.2	2996.5	3034.4	2878.7	2851.3	2823.8	2779.3	2749.2
45°	3059.4	3059.4	3095.9	3153.5	3239.9	3335.5	3254.3	3225.5	3199.4	3162.7	3128.7
47.5°	3219.0	3220.3	3242.5	3326.3	3461.0	3603.6	3606.3	3611.6	3591.9	3548.7	3550.0
50°	3331.5	3317.1	3347.2	3428.3	3584.0	3807.8	3968.8	3977.9	3993.6	3958.3	3968.8
52.5°	3414.0	3407.4	3427.0	3495.1	3650.8	3924.2	4265.8	4305.0	4328.6	4333.8	4377.0
55°	3370.7	3374.7	3421.8	3519.9	3687.4	4001.4	4518.4	4582.4	4637.4	4684.5	4738.2
57.5°	3228.1	3239.9	3322.3	3475.5	3695.3	4064.3	4786.5	4884.7	4988.1	5113.7	5219.7
60°	3000.5	3027.9	3139.2	3353.7	3619.4	3981.8	4866.4	5016.9	5175.2	5366.3	5579.6
62.5°	2666.8	2672.0	2745.3	2953.3	3246.4	3543.5	4500.0	4692.4	4901.7	5177.8	5476.1
64°	2210.1	2257.2	2291.2	2520.2	2781.9	3152.2	4015.8	4149.3	4441.1	4780.0	5155.6
65°	1824.1	1880.4	1907.8	2136.9	2436.5	2789.8	3594.5	3737.1	4044.7	4388.8	4857.2
67.5°	1075.6	1037.7	1117.5	1252.3	1503.5	1922.2	2424.7	2533.3	2762.2	3171.8	3546.1
70°	693.5	693.5	766.8	904.2	1137.1	1457.7	1665.8	1619.9	1668.4	1826.7	2091.0
72.5°	444.9	468.5	512.9	629.4	845.3	1222.1	1702.4	1486.5	1374.0	1321.6	1319.0
75°	202.8	215.9	264.3	333.7	451.4	796.9	1716.8	1622.5	1519.2	1419.7	1342.5
77.5°	43.2	49.8	83.7	172.7	219.8	367.7	1218.2	1359.5	1472.1	1504.8	1504.8
80°	22.2	23.5	35.3	81.1	94.2	124.3	469.8	617.6	761.6	951.3	1150.1
82.5°	9.1	10.5	20.9	36.7	39.3	38.0	124.3	157.0	215.9	314.0	468.5
85°	2.6	2.6	9.1	14.4	20.9	17.0	27.4	31.4	40.6	58.9	112.6
87.5°	0.0	0.0	1.3	2.6	3.9	6.5	7.8	7.8	7.8	7.8	7.8
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: P181185  
 CATALOG NUMBER: ICM-E05-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
2.5°	160.9	160.9	159.6	158.3	158.3	155.7	155.7	154.4	154.4	153.1	153.1
5°	193.7	191.1	188.5	184.5	183.2	180.6	178.0	175.3	172.7	171.4	168.8
7.5°	240.7	238.1	230.3	225.0	218.5	214.6	209.4	205.4	201.5	198.9	193.7
10°	303.5	294.4	290.5	272.2	268.3	259.1	251.3	246.0	235.5	229.0	222.4
12.5°	392.6	375.5	369.0	337.6	328.5	315.4	306.2	293.1	281.3	273.5	261.7
15°	493.3	480.2	455.4	424.0	407.0	392.6	370.3	359.8	344.1	327.2	310.1
17.5°	613.7	590.1	562.7	522.1	501.1	478.9	458.0	435.7	409.6	393.9	375.5
20°	753.7	728.8	694.8	643.8	618.9	596.7	560.0	544.4	512.9	481.5	458.0
22.5°	906.8	882.0	849.2	791.6	759.0	722.3	692.2	664.7	628.1	596.7	569.2
25°	1079.5	1050.7	1025.9	959.2	918.6	880.7	847.9	799.5	768.1	731.4	693.5
27.5°	1275.8	1241.8	1209.0	1135.8	1097.9	1056.0	1016.8	965.7	935.6	875.4	840.1
30°	1477.3	1435.5	1401.4	1326.8	1292.8	1249.7	1196.0	1150.1	1099.2	1058.6	1001.0
32.5°	1689.3	1655.3	1627.8	1549.3	1506.1	1452.5	1404.0	1355.6	1311.2	1245.7	1193.4
35°	1915.6	1885.6	1855.5	1787.5	1749.5	1708.9	1654.0	1595.1	1533.6	1465.5	1418.4
37.5°	2153.8	2130.2	2106.7	2024.3	1979.8	1936.6	1873.8	1814.9	1759.9	1688.0	1608.2
40°	2403.7	2381.5	2343.5	2275.5	2228.4	2189.1	2131.5	2076.7	2002.1	1922.2	1851.5
42.5°	2717.8	2669.4	2636.7	2562.1	2512.4	2469.2	2418.2	2335.7	2272.9	2177.4	2109.3
45°	3085.5	3039.7	2986.1	2910.2	2848.7	2778.0	2706.1	2649.8	2571.3	2484.9	2397.2
47.5°	3499.0	3462.3	3399.6	3325.0	3263.5	3192.8	3107.7	3035.7	2940.2	2839.5	2720.4
50°	3954.3	3916.4	3874.5	3790.8	3729.3	3662.5	3595.8	3510.7	3424.4	3304.0	3181.0
52.5°	4377.0	4384.9	4360.0	4320.8	4290.6	4221.3	4159.7	4078.6	4002.7	3892.9	3797.3
55°	4794.4	4862.4	4888.7	4926.5	4939.7	4883.4	4882.1	4763.0	4717.2	4653.1	4598.2
57.5°	5345.3	5495.8	5614.8	5845.2	5942.0	6040.1	6058.5	5974.7	6061.1	5949.8	5987.8
60°	5813.8	6089.9	6385.6	6981.0	7279.3	7504.3	7685.0	7818.4	7904.8	8051.3	8059.2
62.5°	5855.7	6290.1	6740.2	7609.1	8017.4	8358.8	8684.6	8912.3	9092.9	9259.1	9299.7
64°	5655.4	6193.2	6740.2	7790.9	8208.3	8587.9	8884.9	9111.2	9295.8	9399.1	9467.1
65°	5291.7	5893.6	6523.0	7670.6	8101.1	8504.1	8788.1	9015.7	9189.7	9293.1	9363.8
67.5°	3920.3	4502.6	5134.6	6470.6	7148.4	7517.4	7881.3	8200.5	8340.5	8471.4	8496.2
70°	2389.3	2812.0	3247.7	4486.9	5116.3	5779.8	6189.3	6656.4	6983.6	7185.1	7251.9
72.5°	1442.0	1588.6	1848.9	2515.0	3118.3	3584.0	4150.6	4596.9	4963.2	5166.1	5268.1
75°	1283.6	1265.3	1299.4	1576.8	1791.4	2071.4	2276.9	2556.9	2783.2	2853.9	2986.1
77.5°	1483.8	1431.5	1377.9	1325.5	1315.1	1288.9	1247.0	1257.5	1158.1	1062.5	1065.1
80°	1321.6	1447.3	1521.8	1466.9	1342.5	1216.9	1062.5	870.1	680.5	562.7	512.9
82.5°	663.4	943.4	1213.0	1479.9	1461.6	1350.4	1180.3	969.6	751.1	577.0	460.6
85°	204.1	362.4	510.3	709.2	823.1	807.4	709.2	689.6	492.0	383.4	295.7
87.5°	9.1	9.1	9.1	7.8	9.1	9.1	9.1	10.5	10.5	11.8	11.8
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: P181185

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**CANDELA DISTRIBUTION (continued):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
2.5°	153.1	151.8	150.5	149.2	149.2	149.2	147.9	147.9	146.5	146.5	145.2
5°	168.8	166.1	164.8	162.2	162.2	159.6	158.3	157.0	154.4	153.1	151.8
7.5°	189.8	187.2	183.2	179.3	178.0	174.0	170.1	167.5	164.8	162.2	159.6
10°	217.2	212.0	204.1	198.9	195.0	189.8	184.5	180.6	175.3	170.1	167.5
12.5°	252.6	242.0	234.2	225.0	217.2	209.4	200.2	195.0	189.8	181.9	176.7
15°	293.1	282.6	273.5	257.8	244.7	234.2	226.4	214.6	205.4	195.0	187.2
17.5°	362.4	335.0	316.7	300.9	287.9	268.3	252.6	239.4	227.7	214.6	205.4
20°	430.5	407.0	382.0	363.7	335.0	318.0	297.0	278.7	257.8	242.0	226.4
22.5°	530.0	499.8	468.5	440.9	401.7	378.1	350.7	327.2	300.9	274.8	257.8
25°	655.5	611.1	569.2	530.0	493.3	458.0	422.6	384.7	357.2	325.9	297.0
27.5°	787.7	738.1	697.4	646.4	599.3	556.1	511.6	471.1	424.0	383.4	349.4
30°	953.9	885.9	838.8	777.3	730.1	670.0	615.0	561.4	503.8	456.7	408.3
32.5°	1122.7	1076.9	997.1	944.7	874.1	802.1	744.6	683.1	612.4	550.9	492.0
35°	1345.1	1266.6	1199.9	1126.6	1049.4	974.9	900.3	812.6	740.7	664.7	592.7
37.5°	1541.4	1461.6	1384.4	1288.9	1201.2	1122.7	1032.4	940.8	855.8	765.5	679.2
40°	1769.1	1669.7	1578.1	1489.1	1380.5	1287.5	1193.4	1079.5	981.4	882.0	779.9
42.5°	2017.8	1916.9	1808.4	1706.3	1587.3	1473.4	1356.9	1243.1	1133.2	1012.8	893.7
45°	2289.9	2183.9	2062.2	1945.8	1816.2	1690.6	1551.9	1421.0	1291.5	1156.8	1019.4
47.5°	2627.6	2491.5	2378.9	2233.7	2072.7	1940.6	1770.4	1621.2	1473.4	1316.4	1162.0
50°	3064.6	2910.2	2747.9	2587.0	2408.9	2241.5	2053.0	1876.4	1678.8	1503.5	1326.8
52.5°	3644.2	3529.0	3340.7	3156.1	2938.9	2725.7	2466.5	2237.6	1983.7	1759.9	1544.0
55°	4467.3	4391.4	4227.8	4026.4	3836.6	3525.1	3226.8	2870.9	2541.1	2219.3	1915.6
57.5°	5957.7	5875.3	5693.3	5645.0	5353.1	5124.1	4774.8	4314.2	3755.5	3263.5	2772.8
60°	8103.7	7942.7	7764.8	7732.0	7389.3	7148.4	6801.7	6311.0	5785.0	4999.8	4331.2
62.5°	9302.3	9253.8	9109.9	8933.3	8636.2	8279.0	7889.1	7414.1	6880.2	6191.9	5396.3
64°	9463.2	9418.8	9294.4	9095.5	8797.2	8442.6	8010.7	7537.1	7001.9	6373.8	5647.6
65°	9362.5	9299.7	9193.6	9010.5	8733.1	8392.9	7958.5	7478.2	6935.2	6330.6	5655.4
67.5°	8549.9	8521.1	8424.2	8254.2	8080.1	7773.9	7391.9	6962.6	6519.0	5919.8	5366.3
70°	7259.7	7238.7	7115.8	7047.7	6759.9	6566.2	6257.3	5919.8	5527.2	5109.8	4638.7
72.5°	5382.0	5311.3	5211.8	5108.5	4913.5	4647.8	4407.1	4047.3	3844.4	3492.5	3226.8
75°	2853.9	2809.4	2655.0	2439.1	2198.3	2074.0	1824.1	1600.3	1422.3	1342.5	1150.1
77.5°	986.6	899.0	812.6	715.7	567.9	447.5	357.2	285.3	225.0	198.9	166.1
80°	492.0	467.2	439.6	384.7	323.2	260.4	204.1	160.9	132.2	112.6	100.7
82.5°	399.1	353.3	315.4	276.1	221.1	181.9	143.9	117.8	96.8	85.0	74.6
85°	235.5	180.6	137.4	124.3	96.8	83.7	72.0	61.5	52.4	49.8	45.8
87.5°	9.1	11.8	11.8	9.1	11.8	10.5	10.5	9.1	9.1	9.1	9.1
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: P181185

CATALOG NUMBER: ICM-E05-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
2.5°	145.2	143.9	143.9	142.6	141.3	141.3	141.3	140.0	137.4	132.2	128.3
5°	150.5	149.2	147.9	145.2	143.9	142.6	141.3	141.3	134.8	125.6	119.1
7.5°	157.0	154.4	151.8	149.2	147.9	145.2	142.6	141.3	132.2	120.4	113.9
10°	163.5	159.6	155.7	154.4	150.5	147.9	143.9	141.3	130.9	116.5	107.3
12.5°	171.4	166.1	160.9	157.0	151.8	149.2	145.2	141.3	128.3	112.6	102.0
15°	180.6	172.7	166.1	162.2	157.0	150.5	145.2	141.3	125.6	108.7	96.8
17.5°	192.4	183.2	175.3	167.5	159.6	153.1	147.9	142.6	121.7	103.3	90.3
20°	210.7	198.9	185.8	176.7	166.1	158.3	149.2	142.6	119.1	98.1	85.0
22.5°	235.5	217.2	202.8	187.2	174.0	163.5	153.1	145.2	115.2	92.9	78.5
25°	270.9	247.4	223.7	204.1	187.2	172.7	159.6	149.2	112.6	89.0	74.6
27.5°	310.1	282.6	251.3	227.7	204.1	183.2	168.8	155.7	112.6	86.3	70.7
30°	365.1	325.9	287.9	257.8	226.4	202.8	181.9	164.8	112.6	85.0	66.7
32.5°	431.8	387.4	338.9	295.7	259.1	225.0	198.9	176.7	115.2	82.4	64.1
35°	524.7	459.3	401.7	348.1	299.6	260.4	226.4	196.3	119.1	81.1	60.2
37.5°	598.0	519.4	446.2	384.7	328.5	280.0	236.8	204.1	115.2	75.9	56.3
40°	685.7	596.7	507.7	430.5	366.4	303.5	253.9	214.6	112.6	69.4	51.1
42.5°	791.6	680.5	577.0	489.4	409.6	335.0	276.1	227.7	112.6	65.4	47.1
45°	891.1	769.4	654.2	544.4	451.4	369.0	297.0	242.0	111.3	61.5	41.9
47.5°	1014.1	870.1	735.4	608.5	501.1	400.4	319.3	255.2	110.0	57.6	38.0
50°	1159.4	984.0	832.2	680.5	549.6	438.3	345.5	269.6	107.3	53.7	34.0
52.5°	1320.3	1131.9	938.2	762.9	609.8	478.9	370.3	282.6	103.3	49.8	30.1
55°	1605.6	1346.4	1117.5	900.3	701.4	539.1	407.0	302.2	99.4	45.8	26.1
57.5°	2289.9	1860.8	1536.2	1209.0	923.8	692.2	506.4	358.5	94.2	40.6	20.9
60°	3595.8	2887.9	2337.0	1833.2	1397.5	1062.5	745.9	530.0	100.7	34.0	18.3
62.5°	4612.5	3798.6	3097.2	2465.2	1914.3	1455.1	1086.1	791.6	145.2	30.1	14.4
64°	4878.2	4053.8	3305.3	2643.2	2070.1	1596.4	1211.7	895.0	187.2	30.1	13.1
65°	4917.4	4132.3	3379.9	2708.7	2123.7	1634.3	1248.3	929.0	204.1	31.4	11.8
67.5°	4755.2	4086.5	3402.2	2736.1	2164.3	1686.7	1298.1	982.7	230.3	30.1	9.1
70°	4153.2	3661.2	3098.6	2559.5	2041.3	1602.9	1248.3	952.6	240.7	28.7	7.8
72.5°	2826.4	2487.5	2155.2	1773.0	1421.0	1171.2	910.7	671.3	168.8	23.5	6.5
75°	942.1	918.6	821.8	622.9	523.4	425.3	340.2	261.7	64.1	14.4	6.5
77.5°	157.0	134.8	117.8	112.6	94.2	91.6	79.8	64.1	27.4	9.1	6.5
80°	91.6	83.7	73.3	65.4	57.6	51.1	43.2	36.7	17.0	6.5	7.8
82.5°	68.0	60.2	53.7	47.1	40.6	35.3	30.1	24.8	9.1	6.5	7.8
85°	39.3	34.0	30.1	26.1	20.9	18.3	15.7	13.1	6.5	6.5	6.5
87.5°	7.8	7.8	6.5	6.5	6.5	6.5	6.5	5.2	6.5	6.5	5.2
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: P181185

CATALOG NUMBER: ICM-E05-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	140.0	140.0	140.0	140.0	140.0	140.0	140.0
2.5°	125.6	121.7	120.4	120.4	120.4	120.4	120.4
5°	115.2	111.3	108.7	107.3	107.3	107.3	107.3
7.5°	107.3	102.0	99.4	96.8	96.8	95.5	95.5
10°	99.4	94.2	90.3	87.6	86.3	86.3	86.3
12.5°	92.9	87.6	82.4	79.8	79.8	78.5	78.5
15°	87.6	79.8	75.9	73.3	73.3	72.0	72.0
17.5°	81.1	74.6	70.7	68.0	66.7	66.7	66.7
20°	74.6	68.0	64.1	62.8	61.5	61.5	60.2
22.5°	69.4	62.8	58.9	57.6	56.3	56.3	55.0
25°	64.1	57.6	53.7	52.4	51.1	49.8	49.8
27.5°	60.2	53.7	49.8	47.1	45.8	44.5	44.5
30°	56.3	48.4	44.5	41.9	40.6	39.3	39.3
32.5°	52.4	44.5	39.3	36.7	35.3	34.0	34.0
35°	47.1	39.3	34.0	32.7	31.4	30.1	28.7
37.5°	43.2	34.0	30.1	27.4	26.1	24.8	24.8
40°	38.0	30.1	26.1	23.5	20.9	19.6	19.6
42.5°	34.0	26.1	22.2	18.3	17.0	15.7	15.7
45°	30.1	23.5	18.3	14.4	13.1	11.8	11.8
47.5°	26.1	19.6	14.4	11.8	10.5	9.1	9.1
50°	22.2	15.7	10.5	7.8	9.1	7.8	7.8
52.5°	19.6	11.8	7.8	7.8	7.8	7.8	7.8
55°	15.7	9.1	6.5	6.5	7.8	7.8	7.8
57.5°	13.1	6.5	5.2	6.5	6.5	6.5	6.5
60°	9.1	5.2	5.2	6.5	6.5	6.5	6.5
62.5°	7.8	5.2	5.2	5.2	6.5	6.5	6.5
64°	6.5	5.2	5.2	5.2	6.5	6.5	6.5
65°	6.5	5.2	5.2	5.2	6.5	6.5	6.5
67.5°	6.5	5.2	5.2	5.2	6.5	6.5	6.5
70°	5.2	5.2	5.2	5.2	6.5	6.5	6.5
72.5°	5.2	5.2	5.2	5.2	6.5	6.5	6.5
75°	5.2	5.2	5.2	5.2	6.5	6.5	6.5
77.5°	5.2	5.2	5.2	6.5	6.5	6.5	6.5
80°	5.2	5.2	5.2	6.5	6.5	6.5	6.5
82.5°	5.2	5.2	5.2	6.5	6.5	6.5	6.5
85°	5.2	5.2	5.2	6.5	6.5	6.5	6.5
87.5°	5.2	5.2	5.2	6.5	6.5	6.5	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)