

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: P181329

Luminaire Tested: **ICM-E02-LED-E1-T3-HSS**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181329
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E02-LED-E1-T3-HSS
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3033.2 lumens
Efficiency: N/A
Efficacy: 58.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (A_{in}): 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

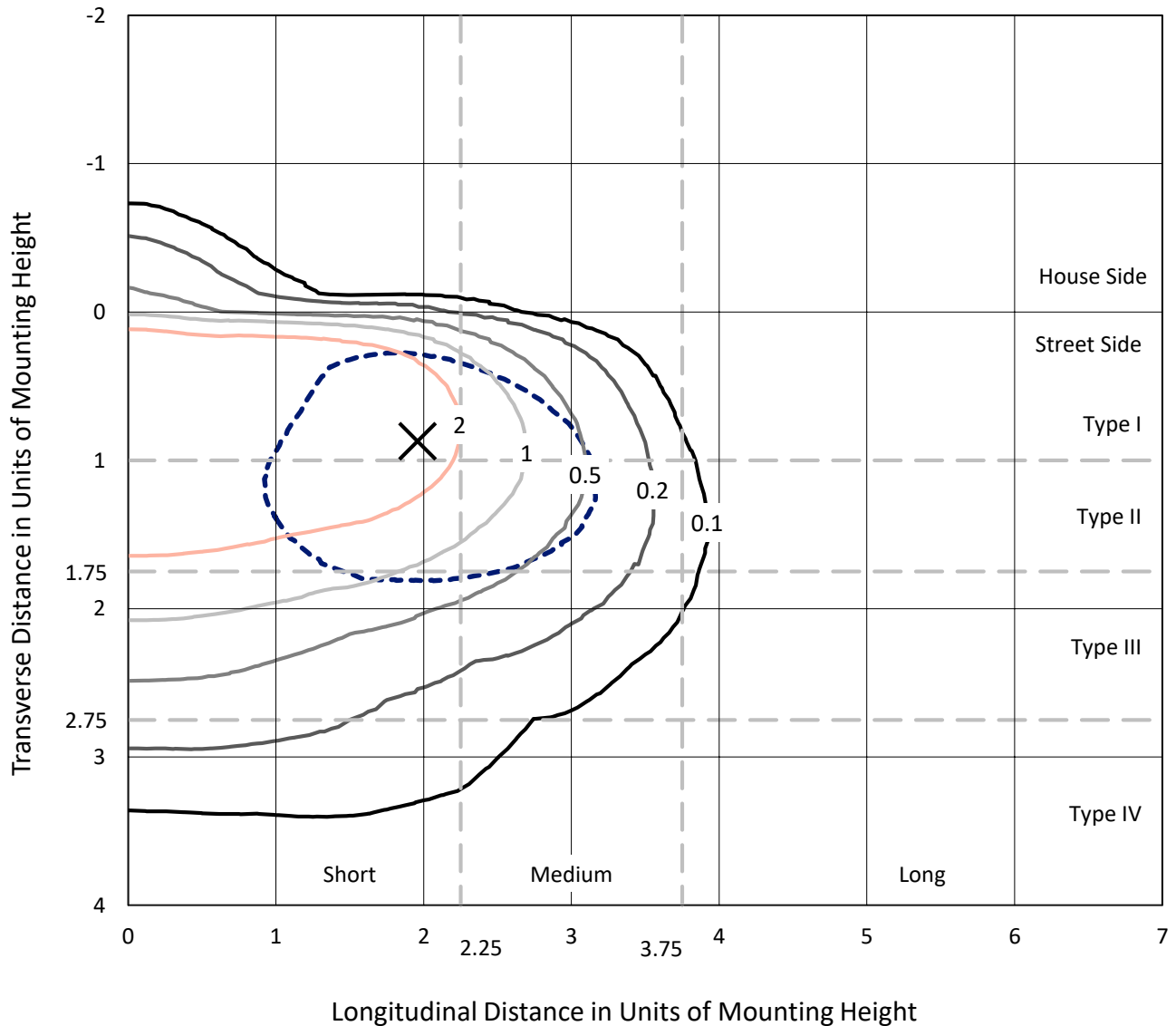


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

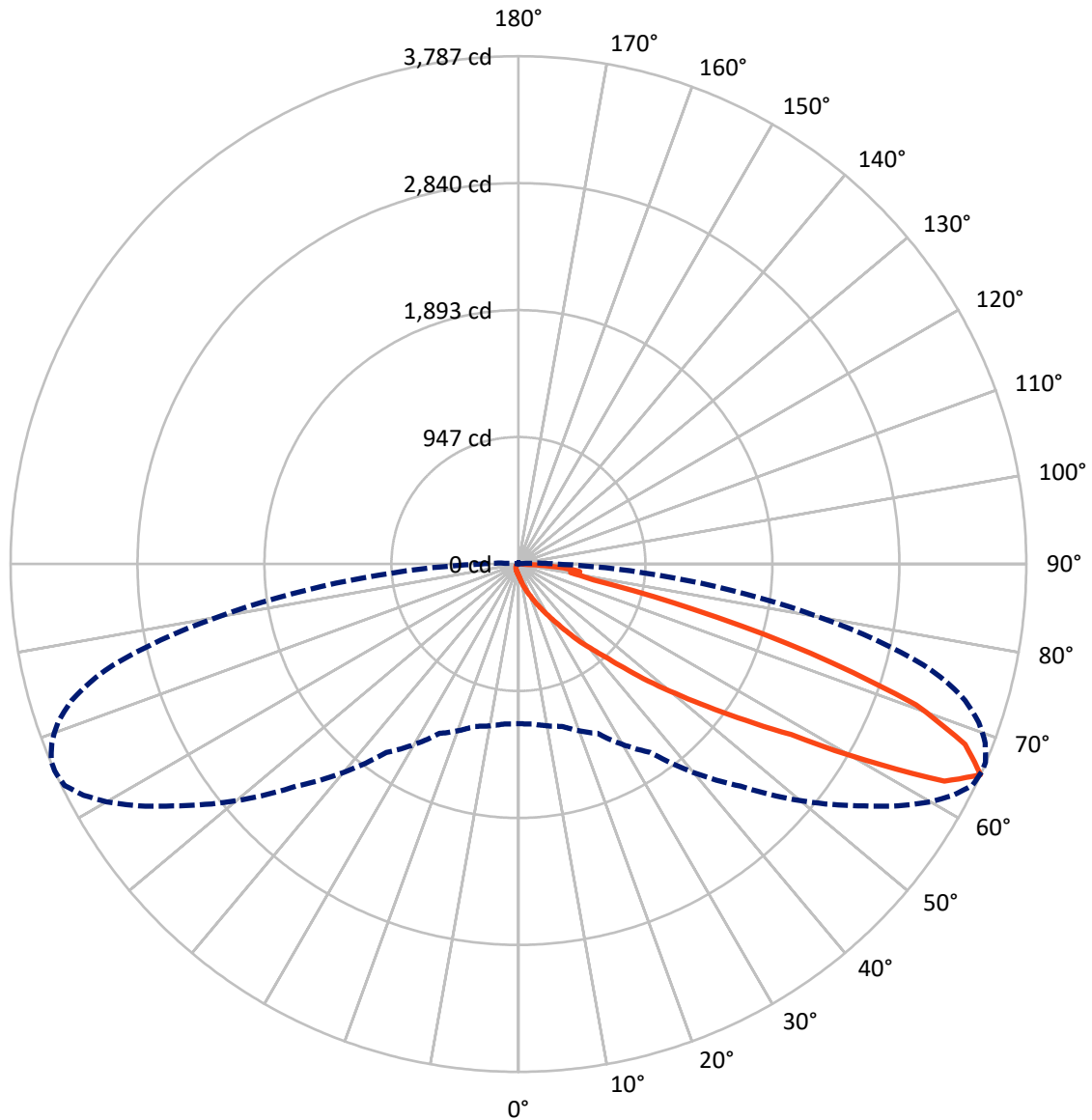


Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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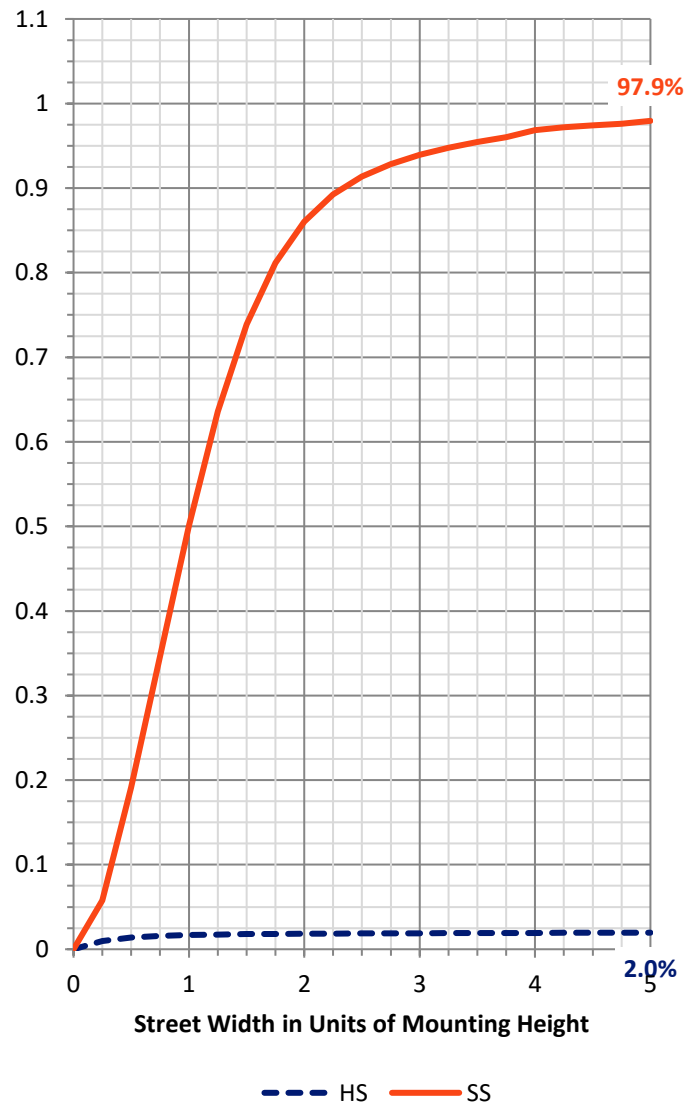
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	60.9	0.0	60.9
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2972.3	0.0	2972.3
	% Fixture	98.0	0.0	98.0
Total	Lumens	3033.2	0.0	3033.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.3
10°-20°	49.3	1.6
20°-30°	112.7	3.7
30°-40°	214.3	7.1
40°-50°	430.2	14.2
50°-60°	761.2	25.1
60°-70°	994.6	32.8
70°-80°	408.9	13.5
80°-90°	51.5	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°	3033.2	100.0
0°-180°	3033.2	100.0



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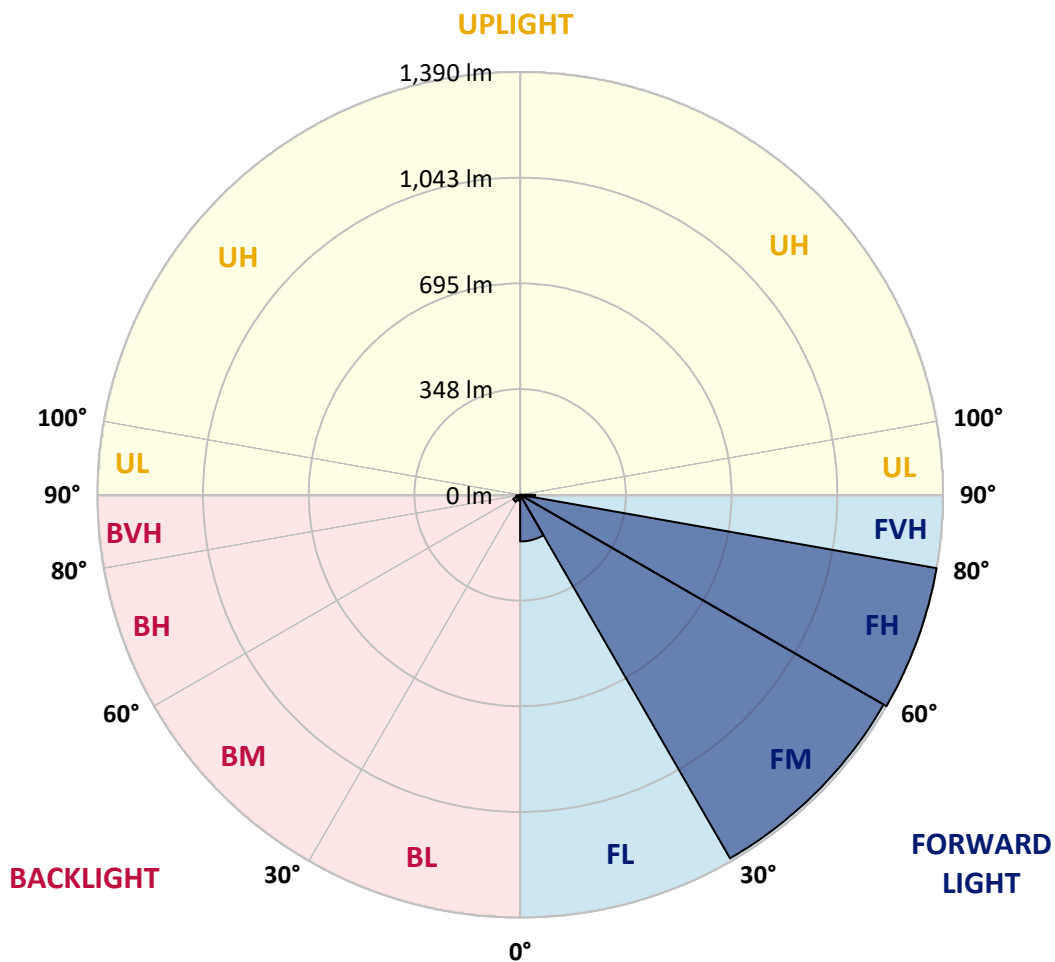
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	153.3	5.1			
FM	(30°-60°)	1379.7	45.5			
FH	(60°-80°)	1390.1	45.8			G1/1800
FVH	(80°-90°)	49.2	1.6			G1/100
BL	(0°-30°)	19.0	0.6	B0/110		
BM	(30°-60°)	26.1	0.9	B0/220		
BH	(60°-80°)	13.5	0.4	B0/110		G0/110
BVH	(80°-90°)	2.3	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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	111.6	109.8	110.4	106.7	104.2	101.1	98.6	98.0	97.4	96.1	96.7
5°	160.7	158.8	154.4	147.0	140.2	129.6	119.1	118.4	116.6	114.7	113.5
7.5°	223.3	220.2	215.2	202.8	186.0	167.4	146.3	144.5	142.0	139.5	137.0
10°	295.8	294.0	284.7	270.4	244.9	214.6	179.3	177.4	171.8	168.7	166.2
12.5°	372.1	364.0	360.3	335.5	306.3	264.8	219.5	212.7	208.4	204.0	197.9
15°	429.8	431.0	422.3	402.5	368.4	320.0	263.5	256.1	250.0	241.9	234.4
17.5°	481.9	479.4	470.0	457.7	425.4	376.5	310.7	300.7	290.9	286.5	276.0
20°	524.0	522.8	515.4	503.5	478.8	431.6	360.3	352.3	341.1	333.7	321.9
22.5°	557.5	557.5	553.2	546.3	522.1	484.4	413.0	404.4	393.2	383.9	370.9
25°	584.2	583.5	584.2	581.1	564.9	530.2	467.0	457.0	447.7	436.6	424.2
27.5°	614.6	615.8	614.6	612.7	605.9	578.0	521.6	514.7	504.2	492.4	480.0
30°	661.7	658.0	657.4	656.1	648.1	630.7	578.0	570.0	561.9	553.8	545.1
32.5°	711.4	705.1	703.3	703.3	697.7	682.1	643.1	638.8	627.0	620.7	613.3
35°	767.7	765.3	762.8	763.4	760.9	744.8	712.6	713.8	710.1	697.7	690.2
37.5°	850.2	850.9	846.5	838.4	838.4	824.2	805.6	803.1	793.8	790.7	786.3
40°	968.1	964.9	961.2	949.5	945.1	920.9	903.5	897.4	890.0	889.3	884.4
42.5°	1104.5	1100.8	1100.8	1092.1	1083.4	1054.2	1021.4	1017.0	1009.0	1011.4	1009.6
45°	1231.0	1234.1	1238.4	1244.7	1245.9	1233.5	1185.8	1180.2	1175.8	1173.3	1171.4
47.5°	1340.2	1345.8	1360.0	1386.7	1420.8	1425.1	1387.3	1372.4	1369.3	1364.9	1361.2
50°	1418.3	1426.3	1458.6	1510.7	1577.0	1618.0	1597.5	1585.1	1584.5	1572.8	1571.5
52.5°	1463.0	1471.6	1524.4	1603.1	1706.1	1786.1	1811.5	1810.9	1809.6	1799.1	1794.7
55°	1472.8	1482.1	1545.4	1652.8	1799.7	1938.0	2035.4	2037.9	2043.5	2040.3	2040.3
57.5°	1445.6	1457.4	1526.2	1658.9	1848.7	2058.3	2271.0	2285.3	2292.1	2316.3	2344.2
60°	1395.4	1404.0	1472.8	1621.1	1857.4	2168.1	2577.4	2622.6	2658.0	2705.8	2751.0
62.5°	1302.3	1319.7	1385.4	1546.7	1831.4	2294.6	2943.3	3027.0	3095.8	3168.4	3255.8
65°	1189.5	1196.9	1252.8	1393.5	1714.7	2343.0	3145.4	3227.3	3315.4	3392.9	3471.0
67.5°	1048.1	1054.2	1102.6	1162.8	1415.2	2116.6	2946.3	3036.9	3116.3	3180.2	3282.5
70°	686.5	700.2	818.6	878.1	989.1	1564.7	2409.3	2496.8	2557.5	2600.9	2719.4
72.5°	503.0	511.6	559.4	682.1	709.5	924.7	1695.5	1790.4	1812.8	1894.6	1949.8
75°	307.0	328.7	436.6	584.2	691.4	633.2	1015.8	1061.7	1113.2	1172.8	1225.4
77.5°	62.0	70.7	142.6	402.5	608.4	676.6	606.5	615.2	640.7	646.2	666.1
80°	10.0	10.5	18.6	173.7	352.3	547.0	606.5	598.4	584.2	574.2	564.4
82.5°	4.4	4.9	8.1	44.0	75.1	182.3	524.7	565.6	612.7	638.8	645.6
85°	1.9	1.9	3.1	8.7	11.2	12.4	88.7	117.2	209.0	277.9	320.0
87.5°	1.2	1.2	1.9	1.9	2.5	3.1	4.4	4.4	4.9	5.6	8.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	96.7	96.1	96.1	94.2	94.2	93.7	93.7	93.0	93.0	91.8	92.4
5°	112.8	111.6	110.4	108.6	107.9	106.7	105.4	103.5	103.0	101.7	101.1
7.5°	134.6	133.3	130.9	127.2	124.7	122.1	119.7	117.2	115.3	113.5	112.3
10°	161.2	157.5	156.3	148.8	145.8	140.7	137.7	135.2	131.4	128.4	126.5
12.5°	193.5	190.4	184.2	174.2	169.3	164.9	159.3	154.4	150.7	145.1	141.4
15°	227.0	224.5	215.8	204.7	198.4	190.4	184.8	179.8	171.8	168.1	161.2
17.5°	269.1	261.7	253.0	236.9	228.8	222.0	212.1	204.7	199.7	188.6	182.3
20°	312.6	304.5	293.3	275.4	264.2	253.7	245.6	235.6	225.1	217.7	207.2
22.5°	362.1	349.1	340.5	318.1	305.1	294.0	280.3	269.8	259.3	247.4	235.6
25°	414.9	401.9	391.4	365.9	352.3	341.1	324.9	310.0	297.0	284.0	270.4
27.5°	470.0	458.3	446.5	420.5	408.7	393.2	378.3	360.9	344.2	332.4	313.8
30°	534.0	524.0	511.0	483.1	470.0	454.0	438.4	418.0	401.9	385.8	367.7
32.5°	602.8	594.7	581.1	556.3	540.7	527.2	510.4	490.5	467.6	450.9	429.8
35°	686.5	672.8	664.8	641.2	629.5	614.6	597.2	579.8	555.6	532.1	514.1
37.5°	782.1	775.8	765.3	743.0	734.2	718.8	707.6	690.2	671.6	641.9	622.6
40°	880.0	875.6	866.3	844.0	835.4	824.8	811.8	795.1	772.7	757.2	728.7
42.5°	1004.7	997.9	990.4	969.3	952.6	939.5	934.0	919.7	896.1	876.3	854.0
45°	1162.8	1159.7	1149.8	1128.7	1111.9	1103.3	1094.6	1070.4	1054.9	1035.1	1019.5
47.5°	1353.8	1343.9	1338.9	1315.4	1309.8	1303.0	1280.7	1267.0	1244.7	1229.1	1210.0
50°	1560.3	1549.8	1550.4	1521.9	1523.1	1518.1	1501.4	1485.3	1466.1	1452.4	1440.7
52.5°	1782.3	1787.3	1774.9	1783.5	1773.7	1762.5	1759.4	1739.5	1722.8	1722.2	1706.1
55°	2055.2	2047.2	2050.2	2058.9	2045.3	2057.7	2051.5	2026.1	2026.7	2031.6	2013.0
57.5°	2348.6	2360.3	2385.8	2391.4	2414.9	2398.8	2440.9	2410.5	2429.1	2429.1	2416.8
60°	2778.9	2826.1	2887.5	2935.2	2979.3	2964.9	3020.2	2985.4	3010.3	2989.1	2978.6
62.5°	3297.4	3360.0	3432.6	3510.1	3554.7	3565.9	3557.9	3573.3	3549.1	3533.7	3493.3
65°	3546.7	3608.7	3671.9	3765.0	3777.4	3786.7	3783.0	3757.0	3727.2	3683.1	3630.4
67.5°	3339.6	3426.3	3461.7	3569.0	3605.0	3591.9	3596.3	3562.8	3516.3	3472.9	3395.4
70°	2769.0	2868.2	2886.8	3040.7	3083.5	3145.4	3123.1	3113.2	3062.3	3025.8	2940.2
72.5°	2016.1	2093.7	2087.5	2260.5	2253.0	2278.4	2338.6	2336.1	2282.8	2271.0	2199.1
75°	1240.9	1287.4	1284.9	1407.7	1356.3	1348.8	1365.6	1358.1	1307.9	1255.8	1211.2
77.5°	657.4	678.4	656.1	619.5	615.8	574.2	562.5	561.9	523.4	476.3	441.6
80°	553.8	532.1	506.0	452.7	421.7	393.8	367.7	343.5	317.5	282.8	240.7
82.5°	646.8	636.3	617.7	550.7	518.4	462.6	421.1	382.0	334.2	298.3	244.4
85°	315.1	314.4	329.3	322.5	310.7	308.2	267.3	258.6	239.4	219.5	183.5
87.5°	8.7	6.2	7.4	6.2	7.4	8.1	5.6	13.0	8.1	7.4	8.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	91.8	91.2	90.5	90.5	90.0	90.0	89.3	88.7	88.7	88.1	88.1
5°	99.8	98.6	98.0	97.4	96.1	95.5	94.2	93.7	92.4	91.8	90.5
7.5°	109.8	108.6	106.0	104.8	103.0	102.3	99.3	98.0	96.7	95.5	93.7
10°	122.1	119.1	116.6	114.1	111.0	108.6	106.0	104.2	101.7	98.6	97.4
12.5°	137.7	133.3	129.6	125.3	121.6	117.9	113.5	110.4	106.7	103.5	100.5
15°	155.1	148.8	143.9	137.7	131.4	127.2	122.8	118.4	113.5	109.1	105.4
17.5°	174.9	166.8	160.0	152.6	145.8	139.5	132.1	126.5	120.9	114.7	109.8
20°	196.0	187.9	178.6	170.5	160.7	153.8	144.5	137.0	129.0	122.8	116.0
22.5°	223.9	213.3	201.6	190.4	179.8	169.3	159.3	150.0	140.2	130.9	124.0
25°	256.7	243.7	228.8	217.7	202.8	191.0	178.6	166.8	156.3	144.5	133.3
27.5°	297.7	280.3	264.2	248.7	232.6	217.7	201.6	187.9	173.7	160.0	147.6
30°	345.4	328.7	304.5	287.2	271.0	250.5	234.4	216.5	200.3	180.5	166.8
32.5°	408.7	387.0	361.6	338.6	317.5	294.6	272.3	249.3	228.2	210.2	189.8
35°	491.2	465.8	435.4	406.2	382.6	354.7	326.2	300.2	276.0	250.0	224.5
37.5°	595.4	571.8	538.9	503.5	471.9	438.4	408.7	372.1	339.8	308.2	276.0
40°	698.9	677.2	643.1	605.3	564.4	525.9	488.1	446.5	405.6	365.9	332.4
42.5°	826.7	794.4	757.9	715.1	675.4	629.5	582.3	534.6	485.6	437.9	390.0
45°	987.3	962.5	911.0	865.1	818.0	764.0	705.8	651.2	588.6	532.1	468.8
47.5°	1182.6	1138.0	1100.2	1058.0	999.1	947.0	872.6	808.1	730.0	654.9	579.3
50°	1413.3	1388.6	1338.3	1285.6	1221.7	1159.7	1087.2	994.1	900.5	820.5	716.9
52.5°	1683.1	1647.7	1616.1	1561.6	1496.5	1417.0	1334.6	1233.5	1118.8	1005.9	895.5
55°	2003.1	1978.3	1947.9	1904.5	1821.4	1731.5	1632.3	1511.4	1375.5	1223.5	1095.2
57.5°	2416.1	2390.1	2360.9	2271.6	2215.2	2104.9	1960.9	1835.6	1689.3	1494.6	1335.2
60°	2979.8	2944.5	2903.6	2831.0	2713.2	2570.0	2415.5	2230.1	2050.9	1838.2	1629.1
62.5°	3461.7	3405.3	3317.9	3224.2	3082.8	2918.4	2724.4	2506.1	2302.1	2062.6	1830.1
65°	3561.0	3483.5	3380.5	3258.3	3112.6	2927.2	2724.4	2515.4	2275.4	2050.2	1816.5
67.5°	3303.0	3213.0	3107.6	2971.2	2832.3	2641.2	2466.3	2253.7	2027.9	1833.2	1624.2
70°	2878.8	2745.4	2637.5	2492.4	2351.6	2201.6	2017.4	1858.0	1674.4	1495.2	1335.2
72.5°	2161.9	2030.4	1932.4	1816.5	1732.8	1574.0	1438.8	1319.7	1211.2	1077.2	958.8
75°	1165.3	1066.7	1000.9	948.2	873.2	768.4	703.9	622.1	576.1	520.3	466.3
77.5°	380.2	334.9	285.9	238.1	204.7	153.8	148.8	118.4	111.6	108.6	83.7
80°	194.7	150.0	108.6	78.1	59.5	52.7	50.2	47.7	45.3	43.4	40.3
82.5°	195.4	141.4	97.4	67.6	49.0	40.9	38.4	37.2	35.3	33.5	31.0
85°	142.6	105.4	72.6	49.6	34.1	27.3	26.0	24.2	23.0	22.3	19.8
87.5°	9.3	6.8	6.2	5.6	5.6	5.6	6.2	5.6	6.2	6.2	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



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CATALOG NUMBER: ICM-E02-LED-E1-T3-HSS

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	87.4	86.8	86.8	86.2	85.6	85.6	84.9	84.9	83.1	80.0	77.5
5°	90.0	88.7	88.1	87.4	86.8	85.6	84.9	84.4	81.2	75.1	70.0
7.5°	91.8	90.5	90.0	88.7	86.8	86.2	84.9	83.7	78.8	70.0	64.5
10°	94.9	93.0	91.2	89.3	87.4	86.2	84.4	83.1	75.6	65.8	60.2
12.5°	98.0	95.5	93.0	90.0	88.1	86.2	84.4	81.9	73.2	62.0	55.8
15°	101.7	98.0	94.9	91.8	88.7	86.2	83.1	81.2	70.7	58.9	53.3
17.5°	105.4	101.1	96.7	92.4	89.3	85.6	83.1	80.0	68.2	56.5	50.2
20°	109.8	103.5	99.3	94.2	90.0	85.6	81.9	78.8	65.8	53.3	47.2
22.5°	116.0	108.6	101.7	96.1	90.5	86.2	81.9	77.5	63.3	50.9	44.7
25°	124.0	114.7	106.7	99.8	93.0	87.4	82.5	78.1	61.4	49.0	41.6
27.5°	135.8	124.0	115.3	106.0	97.4	90.5	84.4	79.3	60.2	47.2	39.7
30°	150.0	138.3	124.7	113.5	104.2	94.9	88.1	80.7	58.9	45.3	37.2
32.5°	171.2	154.4	138.3	124.7	111.6	101.1	91.2	83.7	58.3	42.1	34.7
35°	201.6	178.6	159.3	141.4	123.4	110.4	98.6	88.7	57.7	39.7	32.3
37.5°	244.9	217.7	192.8	167.4	145.1	126.5	110.4	97.4	57.7	37.9	29.8
40°	291.4	256.1	224.5	192.8	164.4	140.7	119.1	103.0	56.5	35.3	27.3
42.5°	344.2	300.7	257.4	218.3	183.0	152.6	127.2	107.3	53.3	32.8	24.8
45°	414.9	357.9	305.8	255.5	209.6	170.0	137.7	112.3	50.2	31.0	22.3
47.5°	503.5	437.2	369.6	306.3	246.2	196.0	153.2	120.3	48.4	28.6	20.5
50°	635.6	541.4	452.1	371.4	295.2	229.5	176.1	132.1	46.5	26.7	18.6
52.5°	780.7	664.8	560.0	456.5	361.6	274.7	202.8	147.6	44.7	24.8	16.7
55°	957.5	814.9	687.2	552.6	431.0	327.4	235.6	164.9	42.1	23.0	15.5
57.5°	1175.8	995.4	844.0	679.7	527.2	395.6	279.7	194.1	39.7	20.5	13.7
60°	1419.5	1215.5	1025.1	832.3	647.4	486.2	344.8	235.6	37.2	18.0	11.8
62.5°	1595.1	1371.2	1153.5	937.0	734.2	553.8	397.5	267.9	33.5	15.5	10.5
65°	1593.2	1366.2	1147.3	934.0	736.7	556.3	399.4	274.1	29.8	13.7	9.3
67.5°	1419.5	1228.6	1033.2	841.6	669.1	506.0	369.6	254.2	25.4	12.4	8.1
70°	1167.7	1015.8	861.4	709.5	571.2	433.5	319.4	221.4	21.7	11.2	6.8
72.5°	852.7	741.7	647.4	540.2	445.9	342.3	254.9	173.7	17.4	9.3	6.2
75°	423.5	378.9	324.9	291.4	248.7	203.4	158.1	101.1	14.2	7.4	5.6
77.5°	80.7	71.9	68.8	59.5	54.6	48.4	42.8	30.4	11.2	5.6	4.9
80°	37.2	34.1	31.0	27.9	24.8	21.1	18.6	16.1	8.7	4.4	5.6
82.5°	29.1	26.7	23.5	21.1	18.6	16.1	13.7	11.8	5.6	3.7	5.6
85°	19.3	16.7	14.9	13.0	11.2	10.0	8.7	7.4	3.7	3.7	3.7
87.5°	5.6	5.6	4.9	4.9	4.4	4.4	3.7	3.7	3.1	3.1	3.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2.5°	75.1	71.9	70.7	70.0	70.0	70.7	70.0
5°	66.3	63.3	62.0	60.7	60.7	60.7	61.4
7.5°	60.7	57.7	55.8	55.2	54.6	55.2	55.2
10°	55.8	53.3	50.9	49.6	49.6	49.6	49.6
12.5°	52.1	49.0	46.5	45.9	45.3	45.3	45.3
15°	49.0	45.3	43.4	42.1	41.6	41.6	42.1
17.5°	45.3	42.1	39.7	39.1	39.1	39.1	39.1
20°	42.8	39.1	37.2	36.0	36.0	36.0	36.0
22.5°	39.7	36.6	34.1	32.8	32.8	32.8	32.8
25°	37.2	34.1	31.6	30.4	30.4	30.4	30.4
27.5°	34.7	31.6	29.1	27.9	27.9	27.9	27.9
30°	32.3	29.1	26.7	25.4	25.4	25.4	25.4
32.5°	30.4	26.7	24.2	23.0	23.0	23.5	23.0
35°	27.3	24.2	21.7	20.5	20.5	20.5	20.5
37.5°	24.8	21.7	19.3	18.0	18.0	18.0	17.4
40°	23.0	19.3	16.7	15.5	14.9	14.9	14.9
42.5°	19.8	16.1	14.2	13.0	12.4	12.4	12.4
45°	18.0	14.2	11.8	10.5	10.5	10.5	10.5
47.5°	16.1	12.4	10.0	8.7	8.7	9.3	9.3
50°	14.2	10.5	8.1	8.1	8.1	8.7	8.7
52.5°	12.4	9.3	7.4	7.4	8.1	8.7	8.7
55°	11.2	8.1	6.8	7.4	8.1	8.7	8.7
57.5°	10.0	6.8	6.8	7.4	8.1	8.7	8.7
60°	8.7	6.2	6.2	6.8	8.1	8.7	8.7
62.5°	7.4	6.2	6.2	6.8	8.1	8.7	8.7
65°	6.8	6.2	6.2	6.8	8.1	8.7	8.7
67.5°	6.2	5.6	6.2	6.8	7.4	8.1	8.1
70°	5.6	5.6	6.2	6.8	7.4	8.1	8.1
72.5°	5.6	5.6	5.6	6.2	6.8	7.4	7.4
75°	5.6	5.6	5.6	6.2	6.8	7.4	7.4
77.5°	5.6	4.9	4.9	5.6	6.8	7.4	7.4
80°	5.6	4.9	4.9	5.6	6.2	7.4	7.4
82.5°	4.4	4.4	4.9	5.6	6.2	6.8	6.8
85°	3.7	4.4	4.4	4.9	5.6	6.8	6.8
87.5°	3.1	3.1	3.7	4.4	4.9	5.6	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)