

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: P181076

Luminaire Tested: **ICM-E03-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181076
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-E03-LED-E1-SLR-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6553.6 lumens
Efficiency: N/A
Efficacy: 87.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

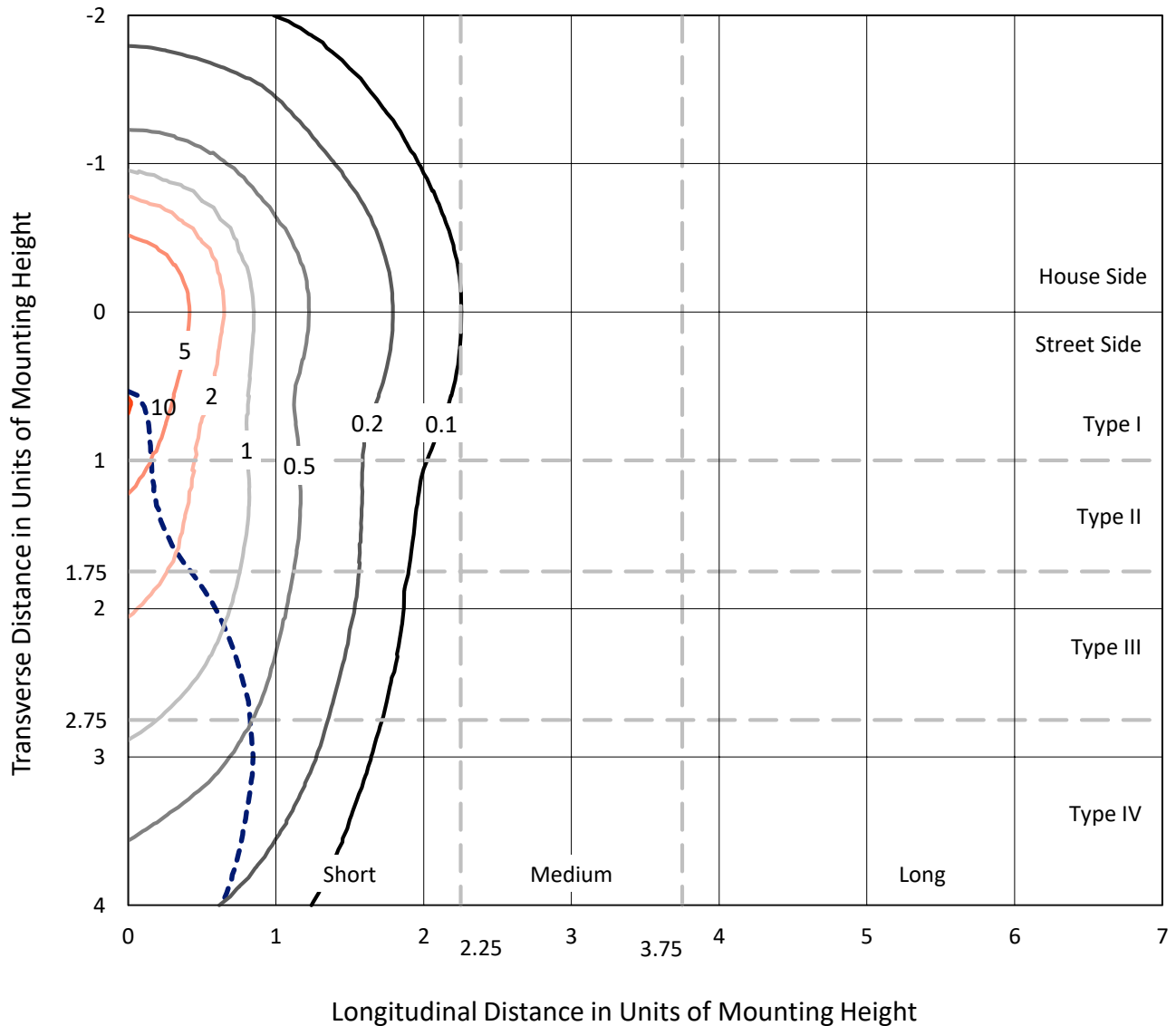
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181076
 CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

Iso-Footcandle Lines of Horizontal Illumination

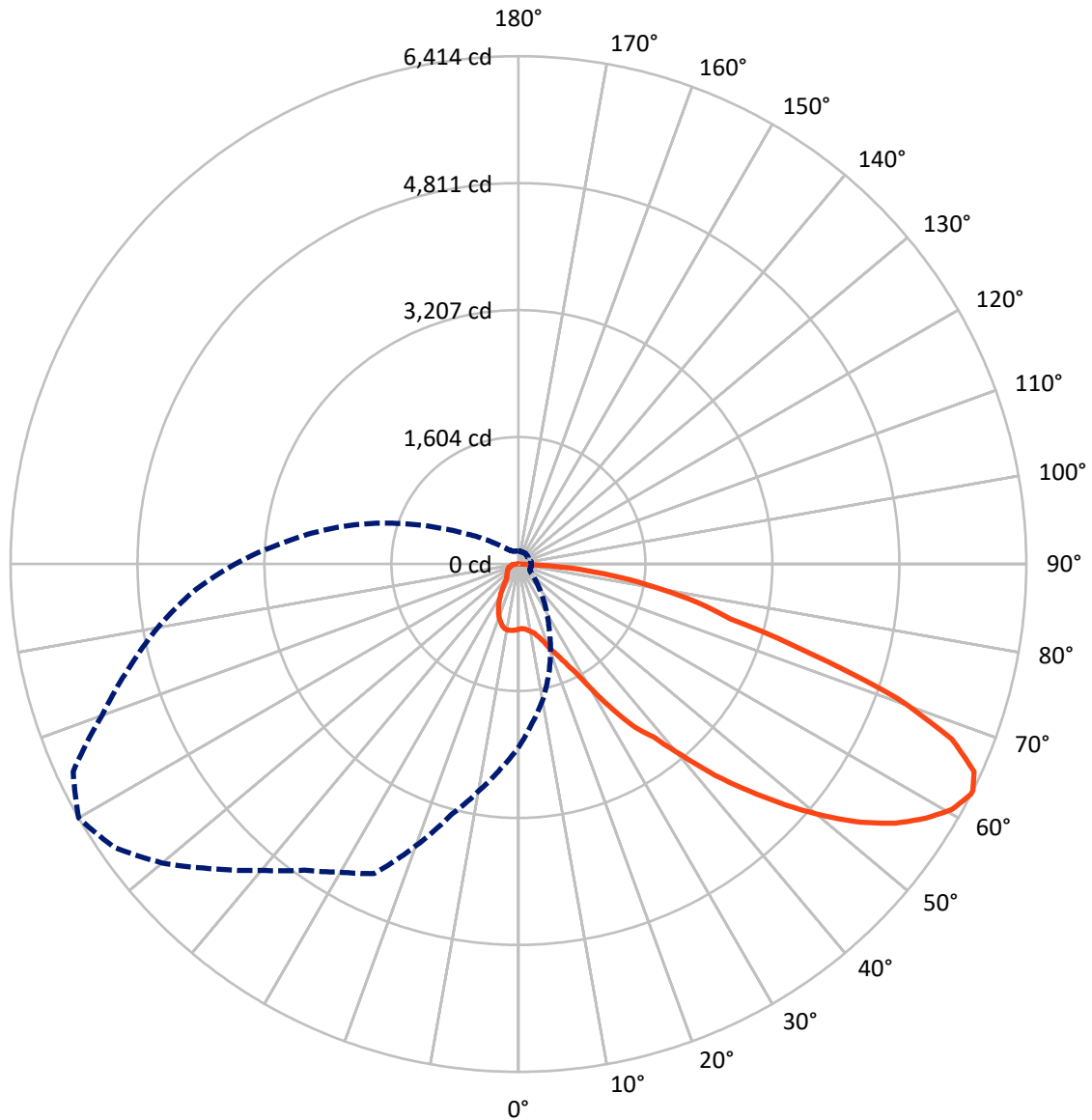
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181076
CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1421.1	0.0	1421.1
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5132.5	0.0	5132.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	6553.6	0.0	6553.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	1.2
10°-20°	249.7	3.8
20°-30°	443.6	6.8
30°-40°	698.5	10.7
40°-50°	1028.0	15.7
50°-60°	1365.5	20.8
60°-70°	1504.1	23.0
70°-80°	943.7	14.4
80°-90°	240.3	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°	6553.6	100.0
0°-180°	6553.6	100.0

Coefficient of Utilization



REPORT NUMBER: P181076

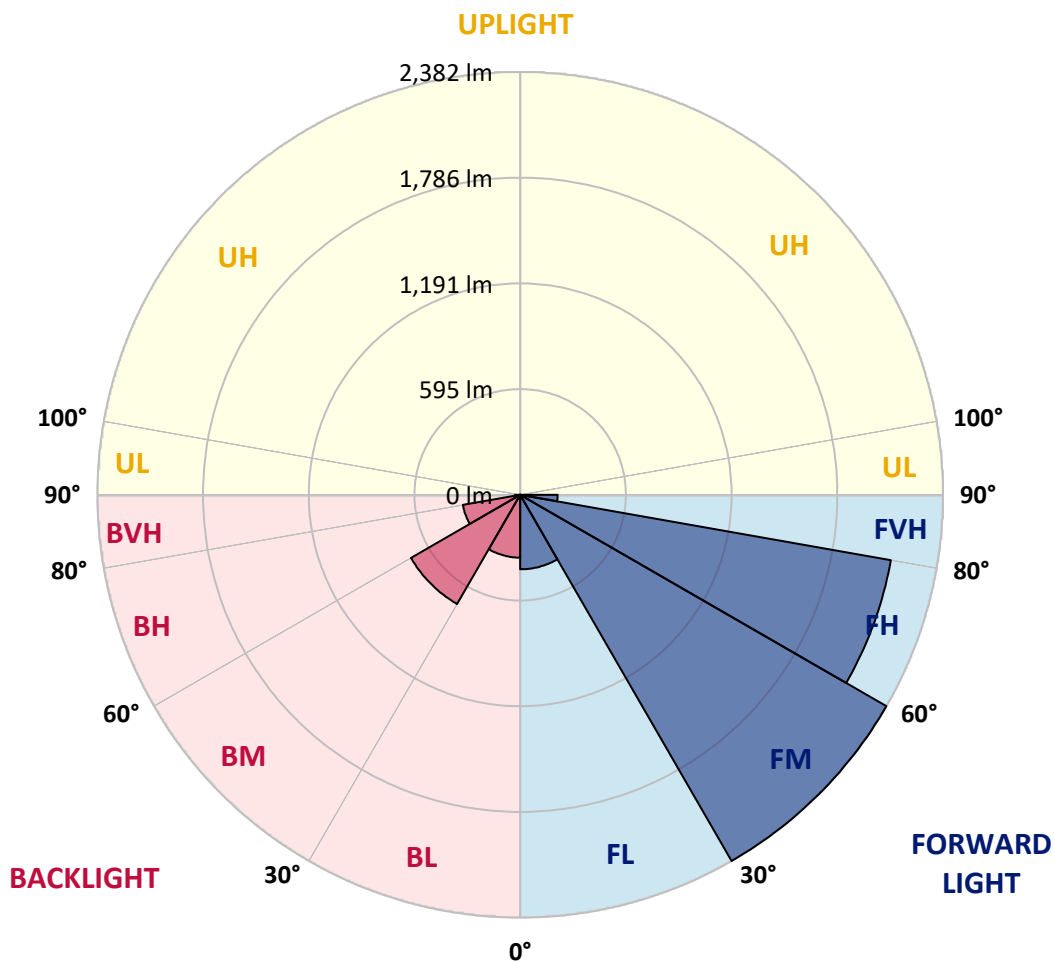
CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	419.6	6.4			
FM (30°-60°)	2381.7	36.3			
FH (60°-80°)	2120.2	32.4			G2/5000
FVH (80°-90°)	210.9	3.2			G2/225
BL (0°-30°)	353.8	5.4	B1/500		
BM (30°-60°)	710.3	10.8	B1/1000		
BH (60°-80°)	327.6	5.0	B1/500		G1/500
BVH (80°-90°)	29.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5
2.5°	812.6	815.0	814.1	814.1	815.7	815.0	815.0	815.7	815.7	818.1	821.2
5°	806.3	805.5	803.9	805.5	805.5	805.5	802.4	804.7	805.5	807.1	807.1
7.5°	814.1	811.8	808.7	809.5	809.5	807.9	805.5	806.3	805.5	805.5	804.7
10°	824.4	818.9	815.0	815.0	815.0	813.4	809.5	811.8	811.8	811.0	811.8
12.5°	842.4	836.2	831.4	829.9	829.9	827.5	824.4	827.5	826.0	826.0	824.4
15°	872.3	865.2	859.7	855.0	855.8	855.8	851.8	849.5	846.3	842.4	834.6
17.5°	917.0	909.1	902.1	898.1	899.0	893.5	882.4	871.4	856.6	841.7	825.1
20°	980.6	978.2	968.8	964.9	955.4	942.1	911.5	885.6	856.6	828.3	800.0
22.5°	1090.5	1079.5	1070.1	1055.2	1023.8	986.9	935.8	890.3	844.7	804.7	767.1
25°	1238.1	1218.5	1172.2	1126.6	1062.2	996.3	927.3	868.4	811.8	759.2	712.8
27.5°	1383.4	1323.7	1241.2	1158.8	1064.7	978.2	891.9	822.1	756.1	698.8	647.7
30°	1559.3	1458.7	1332.4	1202.1	1068.6	952.4	848.7	767.1	690.9	630.4	577.0
32.5°	1724.1	1578.9	1413.2	1242.1	1077.2	928.0	799.3	706.6	628.1	551.9	499.4
35°	1837.1	1648.8	1447.7	1246.0	1056.0	881.7	737.2	628.1	549.6	478.9	416.9
37.5°	1904.7	1679.4	1449.3	1217.7	1006.5	818.9	658.7	550.3	478.1	410.6	362.0
40°	1947.1	1686.4	1428.9	1176.8	943.7	739.5	580.2	482.9	416.9	362.7	325.0
42.5°	1967.5	1675.5	1395.9	1125.0	880.1	668.9	525.2	433.4	376.1	337.6	309.3
45°	1970.6	1655.8	1360.6	1078.0	823.5	617.9	487.5	412.9	365.9	333.7	305.4
47.5°	1970.6	1638.5	1332.4	1043.4	786.7	595.9	484.4	421.6	375.3	339.2	305.4
50°	1972.2	1633.0	1320.6	1026.1	774.1	607.6	511.1	448.3	395.7	348.6	304.7
52.5°	1979.3	1640.1	1330.0	1039.4	796.9	654.8	561.4	488.4	422.4	359.5	304.7
55°	1995.0	1663.6	1370.1	1085.8	858.1	726.2	621.8	531.5	443.6	364.3	299.9
57.5°	2038.9	1723.4	1443.1	1175.4	962.5	808.7	676.7	562.1	451.4	360.4	290.5
60°	2126.9	1841.9	1567.8	1300.9	1073.2	879.4	708.9	566.9	444.4	347.8	275.5
62.5°	2267.4	1977.7	1719.4	1437.5	1171.4	918.6	712.8	555.1	425.5	325.0	253.6
63°	2316.1	2011.5	1751.5	1463.5	1183.9	921.7	709.8	550.3	420.8	318.8	250.4
65°	2451.9	2153.6	1863.1	1554.5	1219.3	922.5	692.5	526.8	398.8	294.4	228.5
67.5°	2705.5	2340.4	2003.6	1626.0	1231.8	897.4	648.5	482.9	352.6	256.7	201.0
70°	2865.7	2444.9	2057.8	1627.5	1195.0	826.0	572.4	411.4	293.7	212.7	172.7
72.5°	2824.0	2342.0	1914.9	1480.8	1035.5	690.1	460.1	323.4	229.2	170.3	143.7
75°	2418.9	1949.4	1562.3	1147.1	782.8	507.2	336.8	230.8	169.6	133.5	120.1
77.5°	1741.4	1403.0	1120.4	817.3	527.6	328.2	223.7	164.8	128.7	110.0	98.9
80°	1109.4	822.8	685.4	491.4	308.6	203.4	153.9	124.8	106.0	91.8	84.8
82.5°	579.4	405.9	329.8	251.3	171.2	134.2	113.0	102.0	87.2	76.2	72.2
85°	361.1	239.4	177.4	124.1	85.6	76.9	70.7	69.1	62.0	55.0	52.6
87.5°	40.8	36.9	38.5	24.4	18.0	19.6	18.9	25.1	24.4	18.0	18.9
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: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5
2.5°	818.1	819.6	819.6	822.1	822.1	823.5	825.1	825.1	826.7	827.5	829.1
5°	808.7	808.7	808.7	811.8	812.6	817.3	818.9	820.5	822.1	827.5	830.6
7.5°	806.3	803.2	804.7	804.7	807.1	811.0	815.0	817.3	819.6	826.7	831.4
10°	811.0	808.7	806.3	806.3	807.1	808.7	811.8	814.1	815.7	822.8	826.7
12.5°	823.5	818.1	813.4	809.5	806.3	805.5	803.9	804.7	806.3	810.2	815.7
15°	826.0	815.7	805.5	795.4	787.4	782.8	778.8	777.3	777.3	779.6	785.9
17.5°	810.2	792.9	778.1	764.7	756.1	747.4	743.5	740.4	738.8	742.0	742.7
20°	776.5	756.1	735.6	719.9	704.3	701.9	695.6	697.2	698.8	703.4	705.8
22.5°	730.1	705.8	680.7	664.2	651.6	640.7	633.6	636.7	639.1	643.8	646.1
25°	673.6	638.3	611.6	595.1	581.8	572.4	564.5	567.6	564.5	570.0	578.6
27.5°	606.9	565.3	537.0	518.1	508.7	500.9	493.0	493.0	500.9	500.9	508.0
30°	526.0	495.4	458.5	438.9	427.1	422.4	421.6	420.0	425.5	428.7	436.6
32.5°	449.9	412.2	376.8	358.0	347.8	342.3	343.1	343.9	346.2	351.0	363.5
35°	372.9	339.9	314.8	293.7	283.4	273.2	273.2	271.6	274.0	279.5	294.4
37.5°	323.4	294.4	274.8	258.3	248.1	241.8	236.3	234.0	234.0	236.3	241.8
40°	296.0	274.8	256.7	242.6	233.2	227.7	224.6	222.1	220.7	220.7	221.4
42.5°	283.4	261.4	243.4	230.8	223.7	220.7	219.8	219.1	216.7	215.9	215.2
45°	277.1	252.0	231.6	221.4	215.9	214.3	215.2	215.2	214.3	212.7	209.6
47.5°	272.5	243.4	223.0	213.6	211.2	211.2	211.2	211.2	210.4	209.6	207.3
50°	264.6	230.0	208.1	201.0	199.4	199.4	200.2	200.2	201.8	200.2	198.6
52.5°	255.9	217.5	195.5	189.2	188.5	187.6	187.6	187.6	188.5	188.5	187.6
55°	246.5	208.1	189.2	184.5	185.3	184.5	183.7	182.9	182.9	182.1	180.6
57.5°	237.1	200.2	184.5	181.4	182.1	182.1	180.6	179.0	178.2	175.9	174.3
60°	223.0	189.2	175.1	173.5	175.9	175.9	175.9	175.1	175.1	174.3	170.3
62.5°	204.1	173.5	162.5	163.3	164.1	165.7	165.7	165.7	165.7	164.1	160.2
63°	200.2	170.3	160.2	160.2	162.5	162.5	163.3	162.5	163.3	161.8	157.0
65°	184.5	160.2	152.3	153.1	154.7	154.7	154.7	153.9	153.9	151.5	149.2
67.5°	166.4	147.6	142.9	143.7	144.5	146.0	145.2	145.2	146.0	144.5	142.1
70°	146.0	134.2	131.1	131.9	132.7	132.7	131.9	131.9	132.7	131.1	128.7
72.5°	130.3	125.6	123.3	123.3	121.7	121.7	120.1	119.3	118.5	118.5	116.2
75°	110.0	109.1	110.0	111.4	110.0	108.4	107.5	105.2	103.6	103.6	102.9
77.5°	94.2	94.2	95.8	98.1	98.9	98.9	96.6	92.7	91.8	91.8	91.8
80°	81.7	80.1	80.1	82.4	84.8	84.0	80.1	76.2	76.2	80.1	80.8
82.5°	71.4	71.4	69.1	69.9	69.1	68.3	64.4	62.0	61.2	64.4	67.5
85°	56.6	57.3	56.6	55.7	55.0	52.6	49.5	47.1	46.3	49.5	54.1
87.5°	22.8	22.0	21.2	22.0	21.2	22.8	22.0	20.4	19.6	22.0	26.7
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: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5
2.5°	829.9	831.4	833.0	833.0	834.6	833.8	834.6	835.4	835.4	836.2	836.2
5°	834.6	836.9	840.1	843.2	844.0	846.3	848.7	847.2	849.5	852.7	852.7
7.5°	836.2	841.7	844.0	848.7	849.5	852.7	858.1	854.2	858.9	861.3	862.1
10°	833.8	839.3	843.2	848.7	851.1	856.6	862.1	860.5	866.0	869.9	870.7
12.5°	819.6	825.1	833.8	841.7	847.9	856.6	866.8	863.6	871.4	876.2	878.5
15°	792.2	797.7	807.1	819.6	831.4	844.7	858.1	860.5	868.4	873.9	876.2
17.5°	749.0	756.1	766.2	779.6	794.5	817.3	834.6	843.2	854.2	857.3	861.3
20°	708.9	716.0	722.3	730.1	741.1	763.2	785.9	803.2	817.3	829.1	832.2
22.5°	655.5	661.9	669.7	676.0	683.8	699.5	718.4	738.1	760.0	767.1	774.9
25°	591.2	595.1	606.1	610.1	615.5	628.8	643.8	658.0	679.2	694.1	698.0
27.5°	522.1	526.0	536.2	538.6	545.7	558.2	569.2	574.7	594.3	610.1	622.6
30°	442.0	452.2	464.7	466.3	474.2	482.0	492.3	497.8	515.8	532.3	548.0
32.5°	372.9	383.2	393.3	399.6	403.5	409.9	420.0	425.5	442.8	457.7	473.4
35°	302.2	314.8	325.9	334.4	337.6	345.5	353.3	358.8	376.8	390.2	401.2
37.5°	248.8	258.3	270.0	278.7	287.4	292.8	302.2	310.1	321.1	328.2	339.9
40°	223.0	227.7	234.0	241.0	248.1	254.4	261.4	267.7	274.8	284.2	292.1
42.5°	214.3	215.2	215.2	217.5	221.4	224.6	230.8	235.5	240.3	247.4	251.3
45°	208.1	207.3	205.7	204.1	204.9	206.5	210.4	213.6	219.1	222.1	223.0
47.5°	204.9	201.8	198.6	196.3	195.5	196.3	199.4	202.5	205.7	208.1	208.8
50°	194.7	192.4	187.6	184.5	182.9	184.5	188.5	190.0	193.1	195.5	196.3
52.5°	184.5	181.4	178.2	175.1	175.1	175.9	179.0	182.1	185.3	186.0	187.6
55°	178.2	173.5	170.3	168.0	166.4	168.8	171.2	175.1	179.0	179.8	181.4
57.5°	171.9	167.3	164.1	161.8	160.2	162.5	164.8	170.3	175.1	175.1	175.1
60°	168.0	164.1	159.3	157.0	154.7	157.0	160.2	165.7	170.3	169.6	168.8
62.5°	157.0	153.1	150.7	150.7	148.4	152.3	155.4	161.8	162.5	160.9	159.3
63°	153.9	150.7	149.2	149.2	147.6	151.5	154.7	160.2	160.2	158.6	157.0
65°	146.0	143.7	142.1	143.7	143.7	147.6	148.4	152.3	151.5	149.2	148.4
67.5°	139.7	138.1	136.7	136.7	136.7	137.4	138.1	139.7	139.0	138.1	139.0
70°	129.6	128.7	127.2	127.2	126.4	126.4	126.4	127.2	127.2	128.0	128.7
72.5°	117.0	115.4	115.4	116.2	114.6	115.4	116.2	115.4	117.0	117.0	117.8
75°	102.9	102.0	103.6	105.2	104.5	104.5	105.2	105.2	106.0	106.0	106.8
77.5°	91.8	92.7	93.4	95.0	95.8	95.8	95.8	95.0	95.8	95.8	96.6
80°	81.7	83.3	84.8	86.3	87.2	87.2	87.2	86.3	86.3	86.3	86.3
82.5°	73.8	76.2	77.8	78.5	78.5	78.5	78.5	78.5	78.5	76.9	75.3
85°	62.0	66.7	66.7	67.5	65.2	63.6	62.0	62.8	63.6	60.5	59.6
87.5°	31.4	31.4	32.9	34.5	35.3	35.3	40.0	37.7	36.9	36.1	34.5
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: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5
2.5°	836.9	836.2	837.7	836.2	836.9	837.7	836.2	838.5	840.1	837.7	835.4
5°	854.2	854.2	858.1	859.7	860.5	865.2	862.8	864.4	866.0	865.2	866.0
7.5°	865.2	868.4	872.3	876.2	876.9	880.9	880.1	882.4	884.0	888.0	888.0
10°	874.6	878.5	884.0	888.0	891.9	895.0	896.6	901.3	902.1	905.2	905.2
12.5°	883.3	888.0	893.5	899.7	903.6	910.0	910.7	917.8	920.2	920.9	918.6
15°	881.7	887.2	893.5	900.6	907.6	915.4	920.2	927.3	931.2	932.7	928.7
17.5°	866.8	871.4	879.4	888.7	897.4	907.6	916.2	926.4	932.7	934.2	933.5
20°	837.7	840.8	851.1	863.6	873.9	889.5	902.1	917.8	928.0	935.8	938.2
22.5°	780.4	788.3	798.4	812.6	827.5	847.2	865.2	888.0	910.0	928.7	947.6
25°	711.4	725.4	741.1	760.0	778.1	798.4	818.9	844.7	876.9	916.2	960.9
27.5°	641.4	665.8	685.4	709.8	731.0	751.4	774.1	802.4	837.7	884.8	942.1
30°	570.8	598.2	619.4	647.7	676.0	703.4	726.2	756.1	790.6	838.5	901.3
32.5°	495.4	522.9	548.0	574.0	605.3	638.3	665.8	702.7	739.5	789.0	852.7
35°	417.7	442.0	463.3	490.7	525.2	560.6	596.7	639.1	679.2	731.0	798.4
37.5°	350.1	367.4	387.8	412.2	438.9	476.6	517.4	567.6	613.2	669.7	738.8
40°	294.4	303.8	315.6	336.0	360.4	397.3	437.3	490.7	545.7	607.6	674.4
42.5°	251.3	255.9	259.1	272.5	292.1	328.2	366.6	418.4	478.9	546.4	614.0
45°	223.0	225.3	226.1	233.2	247.4	278.7	318.8	362.7	420.8	486.8	557.4
47.5°	209.6	212.0	213.6	215.2	223.7	248.1	284.2	325.9	379.2	439.6	511.9
50°	198.6	201.0	203.4	202.5	206.5	222.1	252.8	291.3	341.5	397.3	468.7
52.5°	187.6	189.2	189.2	189.2	191.5	201.8	223.7	259.1	305.4	358.0	428.7
55°	181.4	182.9	183.7	184.5	185.3	190.8	207.3	235.5	275.5	324.3	387.8
57.5°	175.1	175.9	177.4	178.2	179.8	182.9	193.1	213.6	247.4	288.1	341.5
60°	169.6	171.2	174.3	175.1	176.7	177.4	182.1	194.7	216.7	248.1	291.3
62.5°	160.9	163.3	166.4	167.3	168.8	169.6	170.3	177.4	187.6	206.5	238.7
63°	158.6	160.9	164.8	165.7	166.4	166.4	167.3	171.9	181.4	197.9	221.4
65°	150.0	153.1	155.4	156.3	157.0	157.0	156.3	157.8	158.6	165.7	179.8
67.5°	140.6	142.9	144.5	145.2	144.5	145.2	144.5	142.9	141.3	142.9	149.2
70°	131.1	132.7	132.7	133.5	134.2	135.1	133.5	131.9	130.3	129.6	133.5
72.5°	120.1	121.7	121.7	122.5	122.5	124.1	124.1	123.3	123.3	124.1	124.8
75°	109.1	110.7	110.0	111.4	111.4	113.9	113.9	114.6	116.2	115.4	114.6
77.5°	98.9	99.7	99.7	100.5	101.3	105.2	107.5	108.4	108.4	106.8	105.2
80°	87.9	87.9	86.3	85.6	86.3	90.3	95.0	95.8	98.1	97.4	98.1
82.5°	73.8	70.7	68.3	68.3	69.9	72.2	73.8	75.3	76.9	76.9	78.5
85°	56.6	53.4	51.1	51.8	54.1	55.0	54.1	54.1	57.3	59.6	57.3
87.5°	33.8	30.6	29.0	26.7	27.4	29.9	29.0	26.7	27.4	22.0	20.4
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: P181076

CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5
2.5°	836.9	836.2	834.6	832.2	831.4	829.9	830.6	828.3	826.7	825.1	822.8
5°	866.0	866.0	861.3	861.3	858.9	858.1	852.7	850.2	845.6	847.2	841.7
7.5°	886.4	888.7	883.3	882.4	879.4	878.5	871.4	869.1	865.2	863.6	858.9
10°	901.3	901.3	894.2	888.7	884.8	880.9	873.9	870.7	867.5	868.4	865.2
12.5°	913.1	907.6	897.4	889.5	884.0	880.1	874.6	872.3	871.4	876.9	877.8
15°	922.5	914.6	902.1	896.6	891.9	891.1	891.1	893.5	899.0	909.1	917.0
17.5°	928.0	923.3	917.0	915.4	923.3	928.0	934.2	941.3	949.2	963.4	972.0
20°	938.2	941.3	946.1	952.4	964.9	976.7	984.6	994.7	1004.2	1021.4	1035.5
22.5°	964.9	983.0	997.9	1010.4	1029.3	1045.8	1056.0	1070.1	1077.2	1088.9	1110.9
25°	999.4	1036.4	1067.7	1094.4	1123.5	1140.8	1154.9	1172.9	1183.9	1203.5	1223.2
27.5°	989.2	1041.9	1088.9	1138.4	1178.4	1223.2	1254.6	1284.5	1303.3	1332.4	1358.2
30°	957.9	1020.7	1084.3	1149.4	1213.0	1277.4	1337.0	1391.3	1432.8	1474.4	1516.8
32.5°	915.4	987.6	1065.4	1145.5	1228.7	1318.2	1400.7	1482.3	1551.4	1611.8	1670.7
35°	866.8	948.4	1029.3	1128.2	1231.1	1344.9	1459.5	1572.6	1677.8	1784.6	1856.8
37.5°	808.7	891.9	982.1	1096.0	1216.9	1357.5	1503.5	1651.1	1800.3	1943.9	2068.8
40°	746.6	831.4	926.4	1049.7	1186.3	1349.6	1531.7	1730.4	1935.3	2143.4	2309.0
42.5°	691.7	778.8	882.4	1007.3	1155.7	1339.4	1554.5	1798.7	2049.1	2306.6	2550.1
45°	638.3	734.1	843.2	977.5	1142.3	1347.3	1588.3	1862.2	2151.2	2463.6	2760.5
47.5°	590.4	687.7	793.8	940.6	1122.7	1351.2	1621.2	1925.9	2247.7	2586.2	2938.7
50°	547.3	641.4	745.9	893.5	1092.1	1348.8	1651.1	1983.2	2331.0	2682.7	3076.1
52.5°	504.8	600.7	707.4	847.9	1054.4	1335.5	1665.2	2030.3	2407.9	2780.1	3186.8
55°	463.3	557.4	665.0	804.7	1004.9	1300.9	1663.6	2060.9	2469.2	2871.9	3293.5
57.5°	414.5	504.0	609.2	756.8	952.4	1247.5	1640.1	2075.1	2521.8	2963.0	3421.5
60°	354.0	438.0	539.4	687.0	883.3	1179.3	1590.6	2067.2	2552.4	3030.5	3530.6
62.5°	279.5	352.6	445.1	589.6	796.9	1081.1	1498.0	1995.7	2503.7	3021.1	3581.7
63°	263.8	332.9	423.2	566.0	760.0	1054.4	1470.5	1967.5	2480.2	3001.5	3574.6
65°	212.0	256.7	328.9	456.9	635.9	923.3	1333.9	1822.2	2353.8	2863.3	3472.6
67.5°	162.5	185.3	223.7	313.3	449.9	726.2	1080.3	1544.3	2042.9	2521.8	3143.6
70°	139.0	149.2	165.7	208.1	285.8	458.5	758.4	1151.7	1583.5	1998.9	2557.9
72.5°	126.4	131.1	139.7	157.8	196.3	274.8	483.6	749.8	1077.2	1424.9	1856.8
75°	116.2	120.1	127.2	136.7	150.7	182.9	275.5	458.5	700.3	935.8	1253.0
77.5°	106.0	108.4	116.2	124.8	134.2	150.7	182.1	263.8	402.8	551.9	755.3
80°	97.4	95.8	101.3	115.4	124.8	134.2	143.7	171.2	229.2	302.2	408.3
82.5°	77.8	79.3	84.0	98.1	102.0	99.7	101.3	106.0	128.0	139.7	208.8
85°	52.6	48.7	47.9	49.5	49.5	47.1	47.1	46.3	51.1	58.1	99.7
87.5°	14.1	7.1	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: P181076
 CATALOG NUMBER: ICM-E03-LED-E1-SLR-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	823.5	0°
2.5°	821.2	820.5	821.2	817.3	817.3	816.6	815.7	814.1	814.1	811.0	813.4	2.5°
5°	836.9	835.4	832.2	827.5	825.1	822.1	822.1	818.9	816.6	813.4	814.1	5°
7.5°	855.0	855.8	850.2	846.3	844.7	841.7	842.4	837.7	838.5	836.2	834.6	7.5°
10°	865.2	865.2	866.8	866.0	867.5	867.5	869.9	866.8	865.2	862.8	862.8	10°
12.5°	881.7	884.8	891.1	891.1	895.8	897.4	898.1	899.7	896.6	895.0	889.5	12.5°
15°	922.5	930.3	935.8	943.7	953.1	956.3	956.3	953.1	951.5	949.2	939.0	15°
17.5°	990.1	1007.3	1012.0	1024.6	1026.1	1030.1	1041.0	1034.8	1030.9	1014.3	1011.3	17.5°
20°	1059.1	1081.1	1103.1	1118.8	1126.6	1142.3	1144.7	1141.6	1125.9	1110.1	1103.1	20°
22.5°	1142.3	1175.4	1200.5	1224.8	1236.6	1244.4	1261.7	1257.8	1245.2	1221.6	1212.2	22.5°
25°	1260.1	1300.9	1327.6	1357.5	1373.1	1381.0	1398.2	1398.2	1384.9	1377.9	1377.1	25°
27.5°	1408.5	1458.7	1502.7	1512.9	1553.8	1563.2	1579.6	1579.6	1567.1	1558.4	1600.1	27.5°
30°	1573.4	1626.0	1702.1	1753.1	1802.6	1851.3	1850.5	1853.7	1868.6	1876.4	1894.5	30°
32.5°	1738.2	1803.4	1884.3	1995.0	2100.9	2191.3	2308.2	2382.8	2360.0	2296.5	2271.4	32.5°
35°	1938.4	2010.7	2108.9	2220.3	2414.2	2531.2	2587.7	2627.7	2632.5	2641.1	2659.2	35°
37.5°	2161.4	2282.3	2396.2	2522.5	2630.2	2772.2	2903.4	3008.6	3032.9	3082.3	3054.1	37.5°
40°	2443.3	2578.3	2697.7	2860.9	3005.4	3176.6	3364.2	3508.7	3566.8	3547.9	3406.6	40°
42.5°	2738.4	2905.7	3045.4	3237.8	3425.4	3651.6	3845.5	4047.3	4083.4	3938.2	3726.9	42.5°
45°	3010.2	3217.4	3390.9	3591.1	3820.4	4091.2	4350.4	4557.6	4550.5	4301.6	4019.0	45°
47.5°	3254.3	3508.7	3720.7	3981.3	4227.8	4550.5	4848.0	5001.1	4910.9	4616.5	4270.3	47.5°
50°	3456.0	3773.2	4034.7	4298.5	4611.7	5000.4	5286.9	5373.3	5199.0	4878.7	4514.4	50°
52.5°	3618.6	4016.7	4310.3	4614.1	5009.8	5418.8	5665.3	5633.2	5407.8	5078.9	4716.2	52.5°
55°	3756.0	4202.7	4552.9	4911.7	5402.4	5779.2	5943.3	5857.0	5542.1	5208.4	4854.4	55°
57.5°	3898.1	4383.3	4775.8	5191.9	5738.4	6061.9	6153.0	5975.5	5605.7	5257.9	4914.0	57.5°
60°	4040.2	4534.0	4972.9	5436.9	5992.8	6292.7	6267.6	6002.2	5586.8	5221.8	4874.0	60°
62.5°	4135.9	4623.6	5087.6	5587.7	6183.6	6410.5	6256.6	5907.2	5477.7	5079.7	4754.6	62.5°
63°	4138.4	4626.6	5094.6	5597.9	6204.8	6414.4	6235.4	5873.4	5443.2	5050.6	4719.3	63°
65°	4088.9	4567.7	5031.8	5551.6	6186.6	6324.0	6052.4	5674.0	5246.1	4849.6	4535.6	65°
67.5°	3836.0	4324.4	4734.3	5224.1	5863.2	5902.5	5562.5	5257.1	4872.4	4461.8	4133.6	67.5°
70°	3326.5	3732.4	4134.4	4543.5	5079.7	5072.6	4753.1	4597.6	4260.8	3792.9	3529.9	70°
72.5°	2645.8	3010.2	3292.8	3566.8	3920.0	3848.6	3642.9	3686.1	3467.8	3118.4	2962.3	72.5°
75°	1964.4	2364.8	2502.9	2614.4	2763.6	2764.4	2820.9	2943.4	2940.2	2746.3	2549.2	75°
77.5°	1288.4	1726.4	1772.8	1862.2	2041.3	2284.7	2535.9	2806.0	2873.5	2720.4	2429.1	77.5°
80°	718.4	1173.8	1120.4	1197.3	1390.4	1720.9	2091.5	2389.9	2565.8	2480.2	2171.6	80°
82.5°	367.4	676.7	646.9	753.7	910.0	1197.3	1442.2	1671.5	1878.8	1867.0	1750.1	82.5°
85°	190.8	370.6	421.6	477.3	555.8	658.7	751.4	818.1	904.5	1056.8	1108.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	56.6	40.8	112.3	160.2	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: P181076

NUMBER: ICM-E03-LED-E1-SLR-8030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
823.5	823.5	823.5	823.5	823.5	823.5	823.5
814.1	815.0	813.4	813.4	814.1	814.1	812.6
812.6	812.6	811.0	809.5	807.9	807.9	806.3
830.6	830.6	825.1	822.8	818.9	815.7	814.1
857.3	852.7	846.3	841.7	835.4	828.3	824.4
884.0	876.9	869.1	862.1	854.2	846.3	842.4
928.0	918.6	908.4	899.7	888.7	876.9	872.3
995.5	980.6	967.3	954.7	935.1	926.4	917.0
1085.0	1063.1	1045.8	1024.6	1000.2	992.4	980.6
1193.4	1174.5	1140.0	1124.3	1099.9	1088.2	1090.5
1358.2	1333.9	1293.9	1279.0	1276.6	1250.7	1238.1
1573.4	1574.9	1538.1	1498.0	1476.0	1435.2	1383.4
1879.5	1858.3	1815.2	1774.3	1722.5	1645.6	1559.3
2250.2	2203.0	2131.5	2055.5	1963.5	1845.0	1724.1
2612.1	2529.6	2415.8	2288.6	2155.9	2008.3	1837.1
2930.1	2802.1	2631.7	2485.7	2298.1	2113.5	1904.7
3220.6	3062.0	2842.1	2652.9	2431.5	2194.4	1947.1
3501.6	3300.6	3031.3	2775.4	2524.9	2248.6	1967.5
3769.3	3510.3	3190.7	2886.1	2593.2	2283.9	1970.6
3975.0	3692.4	3333.6	2966.2	2640.3	2310.6	1970.6
4165.8	3846.3	3442.7	3028.9	2684.3	2328.7	1972.2
4314.2	3954.6	3513.4	3073.7	2718.8	2342.0	1979.3
4421.8	4025.2	3560.5	3101.2	2743.9	2360.9	1995.0
4497.1	4071.6	3586.4	3125.5	2774.6	2393.8	2038.9
4533.2	4157.1	3629.6	3174.3	2827.2	2463.6	2126.9
4505.8	4289.9	3752.9	3256.7	2900.2	2572.9	2267.4
4494.0	4314.2	3786.6	3274.7	2916.7	2596.4	2316.1
4402.2	4338.5	3925.6	3365.8	2995.2	2700.8	2451.9
4117.1	4242.7	4042.5	3519.6	3164.0	2954.3	2705.5
3748.1	4100.7	4021.3	3539.3	3271.6	3162.4	2865.7
3306.1	3671.2	3597.4	3277.9	3153.0	3164.8	2824.0
2601.9	2875.8	2827.2	2714.9	2740.0	2826.4	2418.9
2084.5	2047.5	1935.3	1943.2	2088.4	2189.7	1741.4
1702.9	1378.6	1232.7	1236.6	1490.1	1595.4	1109.4
1620.5	1304.1	1062.2	928.0	1084.3	1044.2	579.4
1154.1	1156.5	959.4	779.6	755.3	642.2	361.1
273.2	219.1	156.3	116.2	122.5	80.8	40.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)