

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: McGRAW-EDISON

Report Number: P226921

Luminaire Tested: **ISW-AF-600-LED-E1-SL3-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226921
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35946)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISW-AF-600-LED-E1-SL3-8030
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE III W/SPILL CONTROL
Light Source: (16) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3161.2 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B1 - U1 - G1

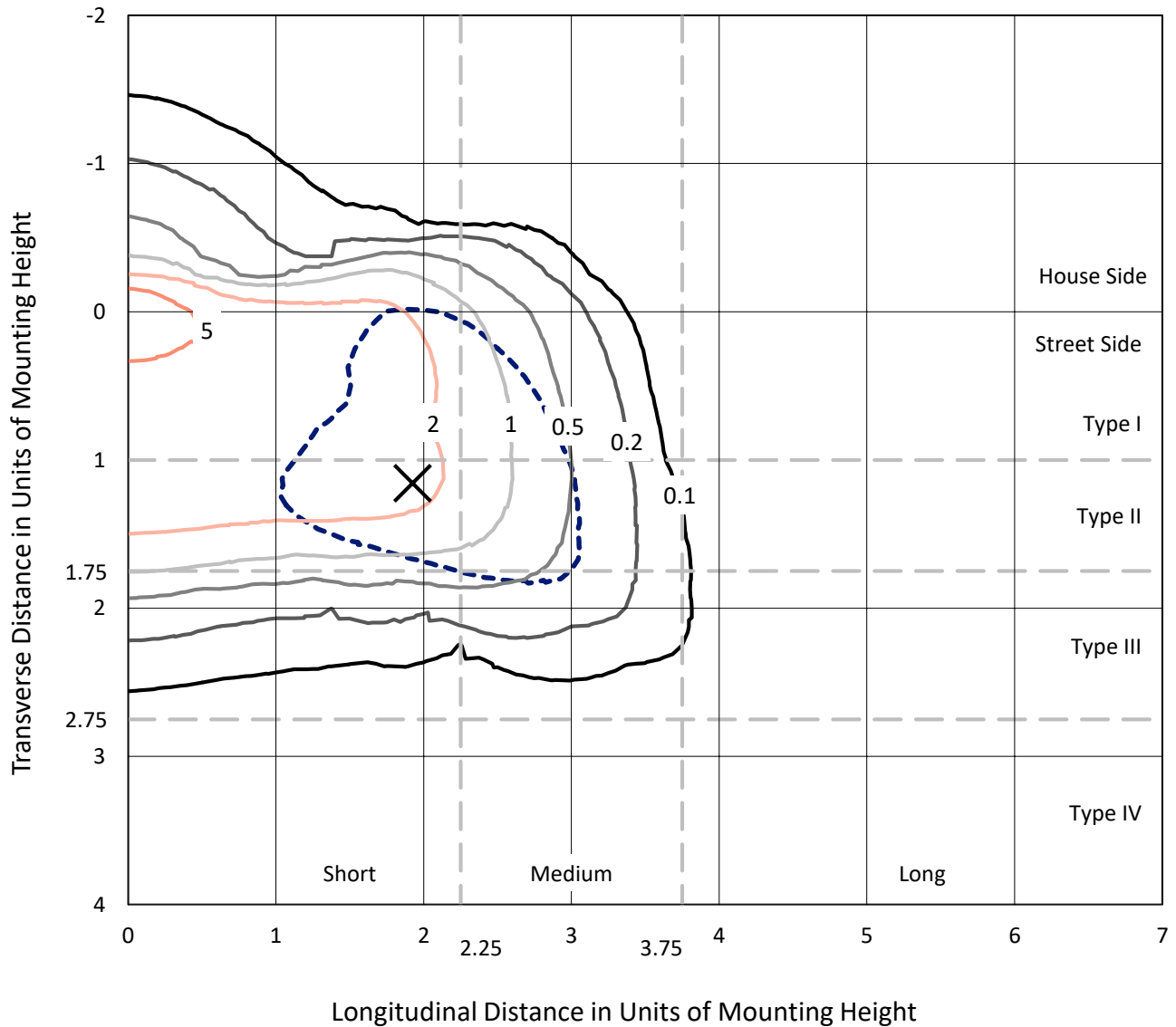
Input Watts (W): 33.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

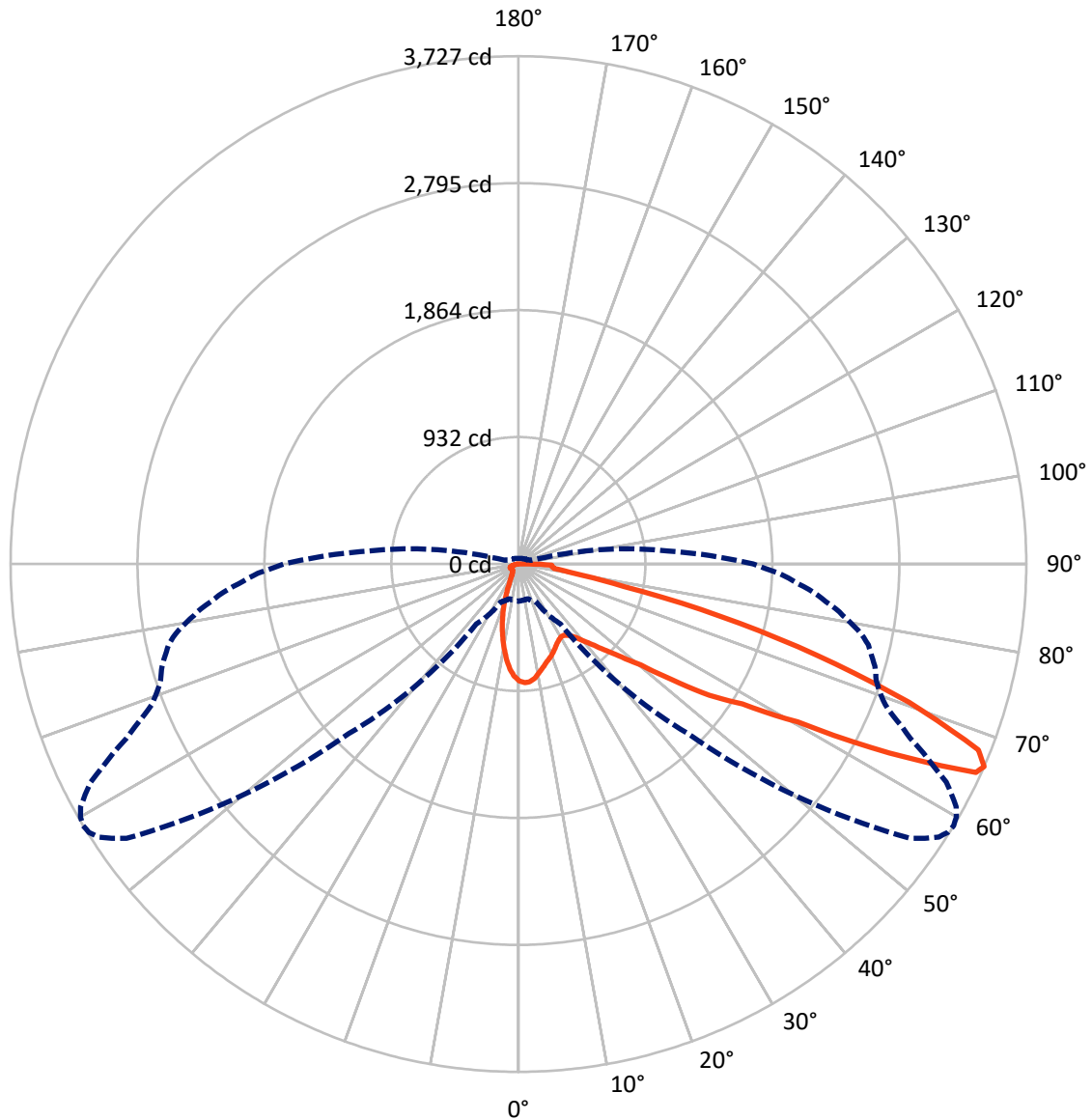
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.6 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 59-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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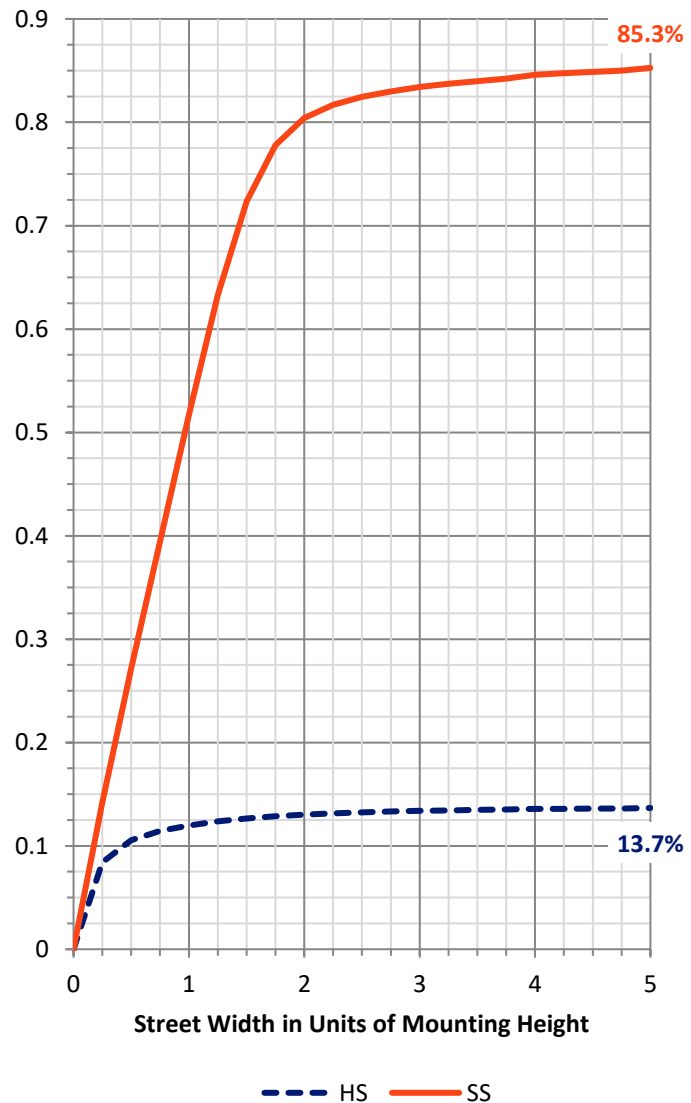
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	438.6	0.2	438.8
	% Fixture	13.9	0.0	13.9
Street Side	Lumens	2721.3	1.2	2722.4
	% Fixture	86.1	0.0	86.1
Total	Lumens	3159.9	1.4	3161.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.2	2.3
10°-20°	154.6	4.9
20°-30°	194.0	6.1
30°-40°	265.4	8.4
40°-50°	427.0	13.5
50°-60°	741.9	23.5
60°-70°	901.4	28.5
70°-80°	336.3	10.6
80°-90°	66.1	2.1
90°-100°	1.4	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°	3159.9	100.0
0°-180°	3161.2	100.0



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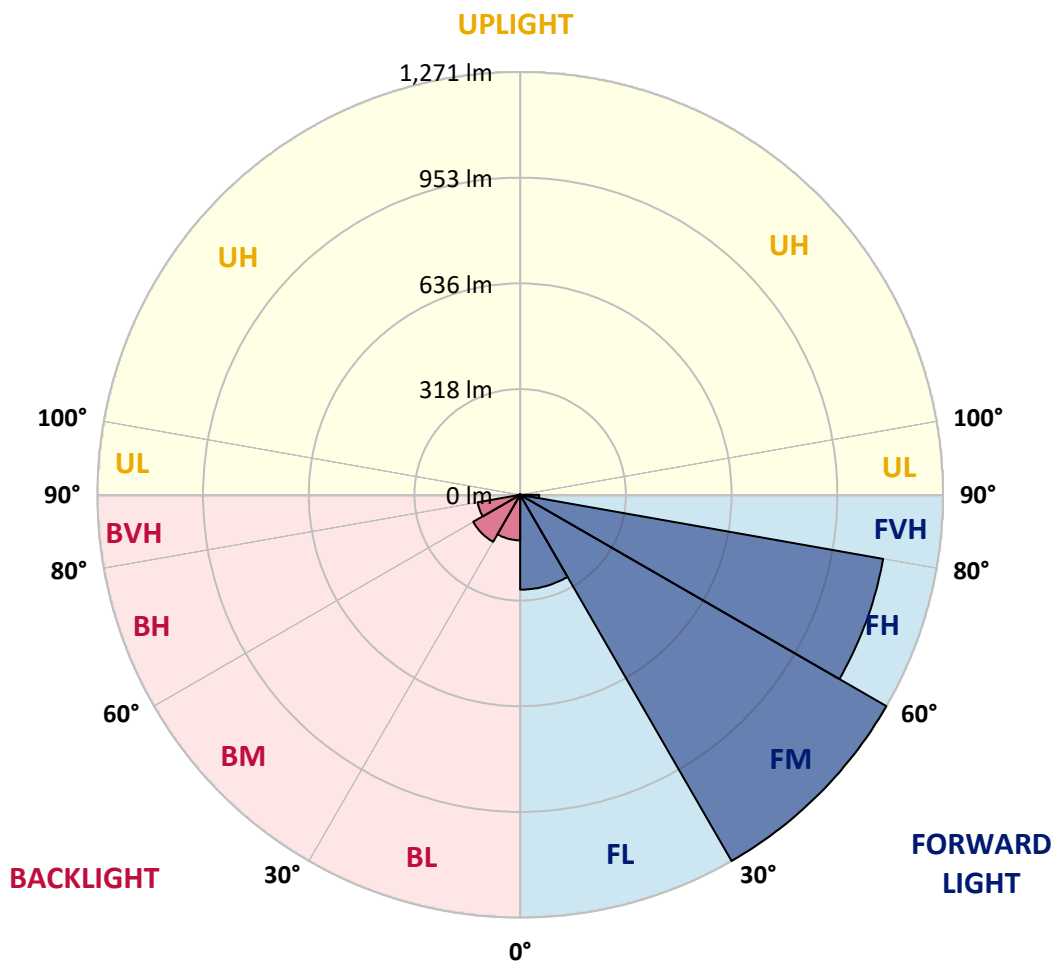
CATALOG NUMBER: ISW-AF-600-LED-E1-SL3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	285.1	9.0			
FM	(30°-60°)	1271.2	40.2			
FH	(60°-80°)	1108.0	35.0			G1/1800
FVH	(80°-90°)	57.1	1.8			G1/100
BL	(0°-30°)	136.8	4.3	B1/500		
BM	(30°-60°)	163.1	5.2	B0/220		
BH	(60°-80°)	129.7	4.1	B1/500		G1/500
BVH	(80°-90°)	9.1	0.3			G0/10
UL	(90°-100°)	1.4	0.0		U1/10	
UH	(100°-180°)	0.2	0.0		U1/10	

BUG Rating: B1-U1-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8
2.5°	881.1	878.2	883.5	881.6	883.0	875.8	874.3	872.9	873.8	872.4	872.4
5°	860.3	858.8	865.1	868.5	871.4	870.4	870.0	870.0	870.4	867.1	867.5
7.5°	799.2	798.2	807.0	813.3	827.3	835.6	846.2	846.7	847.7	846.2	849.1
10°	734.3	737.2	744.9	755.1	775.9	788.5	808.9	812.8	814.2	814.7	815.2
12.5°	672.2	669.3	679.0	698.4	726.5	746.9	772.5	774.5	776.9	780.3	783.7
15°	617.0	620.4	628.1	648.5	678.0	706.6	740.1	742.0	746.9	749.8	754.6
17.5°	579.2	579.2	587.9	606.8	634.4	670.8	712.9	716.3	720.2	724.1	729.4
20°	560.3	560.3	563.7	574.8	599.0	633.9	684.8	688.7	695.5	699.8	707.1
22.5°	558.8	558.3	557.8	560.3	574.8	601.9	654.8	660.1	665.9	672.7	679.0
25°	574.3	575.8	570.0	566.1	567.5	580.1	626.2	629.1	640.2	644.6	652.4
27.5°	596.6	599.0	594.2	588.4	579.7	571.4	601.9	606.8	614.1	621.3	631.0
30°	628.6	628.1	627.6	623.8	606.8	581.1	594.7	598.1	604.4	610.2	618.4
32.5°	663.0	666.9	669.8	667.9	650.4	606.8	604.9	607.8	613.6	617.0	622.3
35°	707.6	709.5	720.7	720.7	703.2	652.8	633.4	635.9	638.8	640.2	644.1
37.5°	756.6	763.3	779.8	789.5	762.4	710.0	678.5	678.5	680.0	680.9	683.4
40°	813.3	823.0	845.7	864.1	846.7	781.3	737.7	742.0	740.6	738.6	744.0
42.5°	879.2	889.8	917.5	934.9	924.7	867.1	817.1	814.2	818.6	812.8	814.7
45°	955.7	964.0	992.1	1010.5	1018.8	972.2	921.3	915.5	915.5	902.9	908.2
47.5°	1024.6	1027.0	1054.1	1086.6	1113.3	1114.2	1042.5	1038.6	1029.4	1021.2	1019.2
50°	1088.5	1095.8	1113.3	1148.6	1204.4	1252.8	1209.2	1197.1	1186.9	1156.4	1165.6
52.5°	1199.5	1213.6	1224.7	1246.1	1312.0	1410.4	1464.2	1445.3	1442.8	1415.2	1408.9
55°	1220.4	1221.8	1258.7	1381.8	1536.9	1607.6	1710.8	1710.4	1718.1	1709.4	1701.2
57.5°	1122.5	1110.8	1172.4	1334.7	1646.4	2009.9	1978.4	1981.8	1971.6	1944.9	1936.7
60°	874.3	884.0	950.4	1157.4	1567.4	2269.7	2477.6	2416.0	2460.1	2390.8	2353.5
62.5°	491.9	480.8	525.9	743.5	1285.8	2283.2	3157.5	3164.3	3185.7	3146.9	3055.8
65°	317.5	312.6	308.2	376.1	770.6	1997.3	3533.6	3617.0	3666.9	3687.3	3688.7
66°	272.9	269.0	263.7	307.8	537.0	1759.8	3509.4	3598.6	3678.1	3715.9	3727.0
67.5°	232.2	226.3	225.4	254.9	373.7	1365.3	3278.2	3418.3	3488.6	3586.5	3639.8
70°	177.4	174.5	183.2	220.0	286.9	642.7	2612.3	2795.0	2916.2	2992.8	3042.2
72.5°	148.8	147.8	159.9	201.1	271.9	364.5	1828.6	2024.9	2151.4	2224.6	2292.4
75°	116.3	117.3	133.3	191.9	270.4	317.5	1062.4	1249.4	1323.1	1438.5	1526.7
77.5°	87.2	86.3	98.9	155.1	263.7	321.8	552.0	629.6	710.5	769.2	790.5
80°	61.1	62.0	70.8	106.6	205.5	331.0	344.1	362.0	379.0	397.9	401.8
82.5°	40.7	41.2	52.3	73.2	142.5	316.0	321.3	313.1	300.0	283.5	265.6
85°	24.7	25.7	37.3	49.4	110.5	285.9	332.5	310.7	290.8	269.0	247.2
87.5°	12.6	14.1	22.3	29.1	65.4	141.0	346.0	330.1	302.9	269.5	245.2
90°	3.4	3.4	4.8	7.3	13.1	28.6	87.2	78.5	39.3	74.6	36.8
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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°	63°	64°	65°	66°	67°	68°	69°	70°
0°	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8
2.5°	871.9	872.9	871.9	870.4	871.9	870.4	870.0	869.5	870.0	869.0	868.5
5°	867.5	868.5	868.5	865.6	865.1	867.1	864.1	865.1	864.1	863.2	861.2
7.5°	846.7	847.2	847.7	845.7	847.2	847.2	846.2	846.2	845.2	845.7	843.8
10°	817.6	819.6	821.5	820.5	820.0	824.4	822.5	823.9	823.9	822.5	823.0
12.5°	786.1	789.5	791.9	791.9	793.9	798.7	798.2	799.2	803.1	803.1	801.6
15°	757.0	760.4	764.3	767.2	771.1	774.5	776.9	780.8	782.7	782.7	785.1
17.5°	734.3	739.1	743.5	744.9	750.3	756.1	757.5	762.4	765.3	766.7	769.6
20°	712.0	717.3	722.6	727.5	732.3	739.1	742.5	745.4	750.3	753.2	757.5
22.5°	685.8	694.0	700.8	706.6	714.9	720.7	727.5	732.3	738.1	742.5	745.9
25°	661.1	672.2	681.4	687.2	698.4	706.6	714.9	722.1	729.4	735.7	740.6
27.5°	638.3	650.9	662.0	671.3	683.4	696.5	704.7	716.8	726.5	735.2	741.0
30°	627.1	637.8	649.4	660.1	672.2	688.7	702.3	717.8	729.9	741.0	749.8
32.5°	629.6	639.3	649.4	658.7	671.3	689.7	703.7	721.7	739.6	754.1	765.3
35°	649.0	657.7	664.5	672.7	683.9	697.9	712.9	731.8	754.1	773.5	788.1
37.5°	689.7	692.1	698.9	705.2	711.0	724.1	738.1	754.1	779.8	800.2	820.5
40°	740.1	746.4	752.7	755.6	762.4	770.6	776.9	793.9	816.6	843.3	865.6
42.5°	815.2	817.6	818.6	819.6	822.0	827.8	837.0	852.5	874.8	898.6	923.3
45°	899.5	902.4	905.3	906.8	903.4	906.8	916.5	923.8	945.6	967.9	999.4
47.5°	1016.3	1007.6	1003.2	1009.1	1006.2	1013.4	1017.8	1022.1	1048.3	1075.0	1101.6
50°	1166.1	1160.8	1154.0	1154.5	1159.8	1154.9	1157.8	1173.8	1182.6	1204.9	1240.2
52.5°	1405.5	1389.0	1363.3	1352.2	1358.5	1354.6	1356.1	1359.5	1353.7	1374.5	1404.5
55°	1701.2	1679.8	1662.9	1653.2	1617.3	1614.4	1590.6	1581.9	1563.0	1582.9	1576.1
57.5°	1912.0	1898.4	1889.7	1860.6	1844.1	1811.2	1801.5	1789.8	1763.7	1776.8	1788.4
60°	2319.1	2270.6	2254.1	2203.3	2186.3	2154.8	2114.6	2094.7	2081.1	2093.7	2086.0
62.5°	2998.6	2931.2	2918.1	2797.4	2767.9	2695.2	2619.6	2609.4	2566.8	2540.1	2533.8
65°	3662.1	3565.6	3493.4	3361.6	3272.4	3168.7	3053.3	2969.0	2882.3	2838.6	2781.0
66°	3711.5	3673.2	3600.5	3523.5	3393.6	3280.2	3149.3	3058.2	2960.8	2884.2	2834.8
67.5°	3627.2	3606.8	3581.1	3528.8	3447.4	3341.7	3217.6	3101.3	2984.0	2893.9	2814.9
70°	3065.9	3088.2	3117.3	3103.8	3057.2	3016.0	2906.5	2841.6	2753.3	2635.1	2586.6
72.5°	2314.2	2373.9	2353.5	2276.9	2241.1	2212.5	2172.7	2129.1	2002.6	1988.1	1930.9
75°	1488.9	1469.0	1482.1	1389.0	1325.5	1299.4	1204.9	1166.1	1071.1	1009.5	962.5
77.5°	784.7	745.9	715.8	633.9	575.3	540.9	494.8	440.6	357.2	352.3	276.3
80°	364.0	334.4	307.3	278.7	250.1	212.3	184.2	150.2	132.8	113.9	106.1
82.5°	247.2	228.3	211.8	192.9	171.1	144.9	125.0	106.1	90.6	81.4	74.2
85°	223.9	203.6	185.1	161.4	138.6	116.8	95.5	79.0	64.5	56.2	51.4
87.5°	217.6	192.4	173.0	147.3	125.0	102.7	82.4	64.0	49.9	40.7	34.9
90°	27.6	29.6	21.3	20.4	8.7	11.1	8.2	4.8	5.3	3.9	4.4
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P226921

CATALOG NUMBER: ISW-AF-600-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P226921

CATALOG NUMBER: ISW-AF-600-LED-E1-SL3-8030

CANDELA DISTRIBUTION (continued):

	71°	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°
0°	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8	858.8
2.5°	867.5	866.1	867.5	867.1	865.1	865.6	866.1	864.1	863.2	863.2	862.7
5°	859.8	858.8	859.8	859.3	856.4	855.9	855.9	854.5	852.5	851.1	850.1
7.5°	841.4	842.3	841.9	840.4	838.9	838.9	837.5	834.1	832.2	830.2	828.3
10°	820.5	820.5	821.0	820.5	818.1	817.1	815.2	813.3	813.7	808.9	805.0
12.5°	802.1	802.1	801.6	800.7	799.2	798.7	798.7	792.9	791.4	790.0	785.6
15°	784.7	785.6	785.6	785.6	783.2	783.2	780.8	776.9	776.9	772.5	768.2
17.5°	771.1	772.5	772.1	772.5	773.0	770.1	765.8	763.3	760.4	758.0	752.2
20°	759.5	760.4	760.9	760.9	759.5	757.5	753.6	749.8	747.8	743.0	735.7
22.5°	748.8	750.7	751.2	751.2	749.3	747.8	744.0	738.1	734.3	728.4	721.7
25°	744.4	746.9	745.4	746.4	744.4	741.0	735.7	730.9	725.0	717.8	710.5
27.5°	745.9	749.3	748.3	747.8	745.4	743.0	736.2	730.4	723.6	714.9	705.7
30°	754.6	760.4	758.0	756.1	755.6	749.8	743.5	735.2	727.5	717.3	706.6
32.5°	771.1	774.0	774.5	773.0	770.6	765.8	757.0	746.4	737.7	725.5	712.9
35°	798.2	801.1	800.2	800.2	797.7	790.0	779.3	768.7	756.6	743.0	729.9
37.5°	836.0	841.4	840.4	838.5	835.6	826.3	818.1	805.0	791.4	773.5	758.5
40°	883.5	891.8	899.0	897.6	890.8	882.6	874.8	859.8	846.2	826.3	809.9
42.5°	947.5	958.7	967.9	974.6	971.7	961.1	947.5	941.2	921.8	901.5	884.5
45°	1029.4	1052.7	1060.9	1069.2	1069.2	1062.4	1059.5	1046.9	1026.5	999.4	983.4
47.5°	1137.5	1168.5	1177.7	1191.8	1200.0	1192.7	1187.4	1166.1	1152.5	1115.2	1111.3
50°	1268.8	1299.9	1325.1	1341.5	1339.1	1345.4	1332.8	1320.7	1301.8	1271.3	1260.6
52.5°	1436.5	1461.2	1484.0	1493.7	1503.9	1502.4	1499.5	1491.3	1467.5	1451.1	1423.9
55°	1608.6	1628.9	1656.6	1672.6	1685.6	1683.2	1672.1	1652.2	1656.6	1622.2	1607.1
57.5°	1804.4	1826.7	1856.7	1871.8	1877.6	1907.1	1899.9	1897.4	1889.2	1877.1	1861.6
60°	2141.2	2147.5	2172.2	2210.0	2256.6	2247.4	2259.0	2266.7	2272.6	2245.4	2243.5
62.5°	2542.5	2550.3	2571.6	2579.4	2586.1	2587.1	2571.6	2571.6	2544.9	2510.0	2482.9
65°	2761.6	2745.6	2731.1	2722.8	2704.9	2688.9	2665.6	2634.1	2589.0	2535.2	2486.8
66°	2793.1	2760.6	2741.7	2720.9	2692.3	2662.7	2635.1	2592.0	2539.1	2475.2	2411.2
67.5°	2762.6	2718.0	2673.9	2643.3	2603.6	2550.3	2501.8	2451.4	2401.5	2313.8	2254.1
70°	2483.9	2430.6	2382.1	2315.2	2252.2	2199.9	2116.5	2028.8	1956.6	1864.5	1805.8
72.5°	1844.6	1781.6	1718.6	1624.6	1533.0	1519.4	1414.7	1311.5	1256.2	1182.1	1122.5
75°	911.2	831.7	718.7	668.3	595.2	559.3	539.4	464.8	446.9	373.7	372.7
77.5°	257.4	221.0	196.3	171.1	160.4	152.7	126.0	120.7	109.5	107.6	101.3
80°	97.4	92.1	89.7	87.2	84.8	83.4	82.4	78.5	76.6	73.7	72.2
82.5°	70.3	68.3	64.0	62.5	60.6	57.7	57.2	54.8	53.3	50.4	49.4
85°	47.5	45.1	42.6	40.2	39.3	38.8	37.3	36.3	35.4	33.9	33.4
87.5°	32.0	29.6	26.7	25.7	25.2	25.7	26.2	25.2	24.7	23.7	23.3
90°	3.9	5.3	4.8	4.8	5.8	4.8	4.8	5.3	4.8	4.8	4.4
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P226921
 CATALOG NUMBER: ISW-AF-600-LED-E1-SL3-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	71°	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°

'226921
 ISW-AF-600-LED-E1-SL3-8030

REPORT NUMBER: P226921
 CATALOG NUMBER: ISW-AF-60

TION (continued):

CANDELA DISTRIBUTION (con

83°	84°	85°	86°	87°	88°	89°	90°	95°	105°		115°	125°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	858.8	858.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	830.7	823.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	786.6	769.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	727.0	693.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	658.7	609.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	587.9	525.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	522.0	439.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	452.7	350.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	386.3	264.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	311.2	185.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	228.3	134.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	162.8	107.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	121.6	90.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	97.4	78.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	82.9	71.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	74.2	66.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	69.3	64.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	66.4	61.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	64.9	60.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	64.0	58.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	63.0	58.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	63.5	59.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	65.9	59.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	69.8	59.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	72.7	60.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	73.7	62.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	72.7	63.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66°	71.7	63.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	70.3	62.0
										70°	66.9	58.2
										72.5°	60.1	52.3
										75°	51.4	42.2
										77.5°	41.7	33.9
										80°	31.0	25.7
										82.5°	22.8	19.9
										85°	16.0	14.1
										87.5°	9.7	8.7
										90°	2.4	2.4
										92.5°	0.0	0.0
										95°	0.0	0.0
										97.5°	0.0	0.0
										100°	0.0	0.0
										102.5°	0.0	0.0
										105°	0.0	0.0
										107.5°	0.0	0.0



REPORT NUMBER: P226921

CATALOG NUMBER: ISW-AF-600-LED-E1-

00-LED-E1-SL3-8030

tinued):

135°	145°	155°	165°	175°	180°
858.8	858.8	858.8	858.8	858.8	858.8
817.6	817.1	805.0	802.6	794.4	798.7
748.3	740.1	718.3	713.9	704.7	702.3
665.4	642.7	625.2	605.8	587.4	596.6
568.5	530.2	491.9	466.7	456.5	453.2
476.4	407.6	359.6	310.2	292.7	299.0
364.9	286.4	222.5	193.9	177.4	174.5
257.4	183.7	154.1	146.9	143.5	143.5
174.5	140.1	128.9	125.5	125.5	126.0
132.8	117.8	112.9	113.4	115.3	115.8
110.0	104.2	101.8	105.2	109.0	109.5
95.0	93.5	94.0	98.4	102.3	102.7
83.4	84.8	86.8	90.6	94.0	95.0
75.1	77.5	79.0	81.4	83.4	83.8
69.3	72.2	71.7	73.2	74.6	75.1
65.9	67.4	65.9	66.9	66.9	67.9
63.0	63.5	61.1	61.6	62.5	62.5
60.1	59.6	57.2	58.2	59.6	60.1
57.2	56.2	54.3	56.2	58.6	59.1
54.8	53.8	52.8	55.3	58.2	58.6
53.8	52.8	51.9	55.3	58.2	58.6
53.8	52.8	51.9	54.3	57.2	57.7
54.3	53.3	51.4	53.8	55.7	56.2
54.8	53.8	50.4	51.9	52.8	53.3
54.8	52.8	49.4	49.9	49.9	50.4
53.8	51.4	47.5	47.5	47.0	47.0
53.8	49.4	45.6	44.6	43.6	43.6
53.3	49.0	45.1	43.6	42.2	42.2
52.3	48.0	44.1	42.2	40.7	40.7
49.0	46.0	41.7	39.7	38.3	37.8
43.6	42.2	38.8	37.3	35.9	35.4
36.8	37.3	35.4	34.4	33.0	32.5
31.0	32.0	31.0	30.5	29.6	29.1
24.7	26.7	25.7	25.7	26.2	25.2
18.9	21.3	20.4	21.3	22.3	20.8
13.1	15.5	15.5	16.0	16.5	15.5
8.2	10.2	9.7	10.2	10.2	9.7
1.9	3.4	1.9	2.9	2.4	1.9
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0

CANDELA DISTRIBUTION (continued):

	115°	125°	135°
110°	0.0	0.0	0.0
112.5°	0.0	0.0	0.0
115°	0.0	0.0	0.0
117.5°	0.0	0.0	0.0
120°	0.0	0.0	0.0
122.5°	0.0	0.0	0.0
125°	0.0	0.0	0.0
127.5°	0.0	0.0	0.0
130°	0.0	0.0	0.0
132.5°	0.0	0.0	0.0
135°	0.0	0.0	0.0
137.5°	0.0	0.0	0.0
140°	0.0	0.0	0.0
142.5°	0.0	0.0	0.0
145°	0.0	0.0	0.0
147.5°	0.0	0.0	0.0
150°	0.0	0.0	0.0
152.5°	0.0	0.0	0.0
155°	0.0	0.0	0.0
157.5°	0.0	0.0	0.0
160°	0.0	0.0	0.0
162.5°	0.0	0.0	0.0
165°	0.0	0.0	0.0
167.5°	0.0	0.0	0.0
170°	0.0	0.0	0.0
172.5°	0.0	0.0	0.0
175°	0.0	0.0	0.0
177.5°	0.0	0.0	0.0
180°	0.0	0.0	0.0

