

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: P227054

Luminaire Tested: **ISW-AF-600-LED-E1-SL4-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227054
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35947)
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-SL4-7030
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV W/SPILL CONTROL
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3239.5 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B1 - U1 - G1

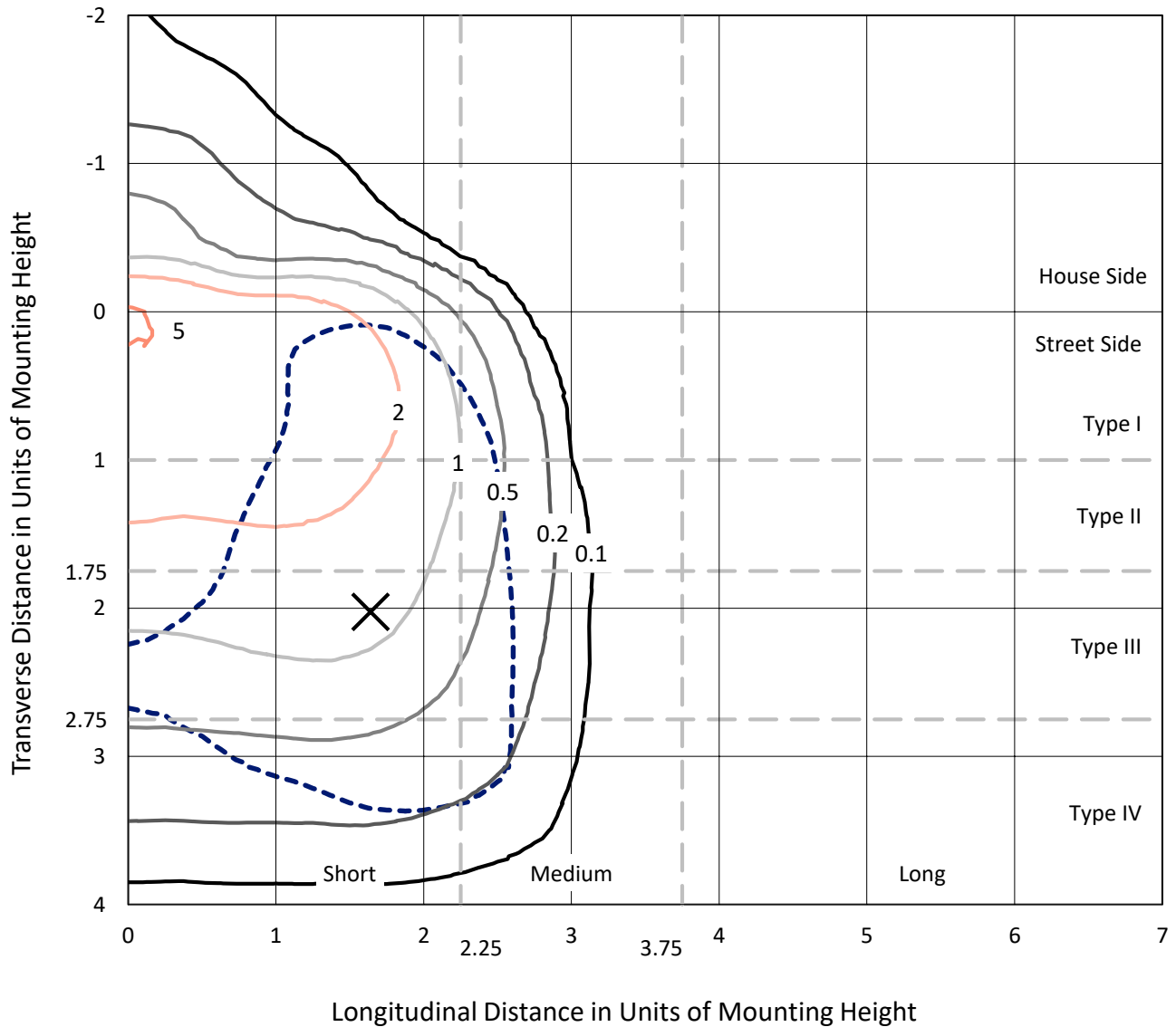
Input Watts (W): 33.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P227054
 CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

Iso-Footcandle Lines of Horizontal Illumination

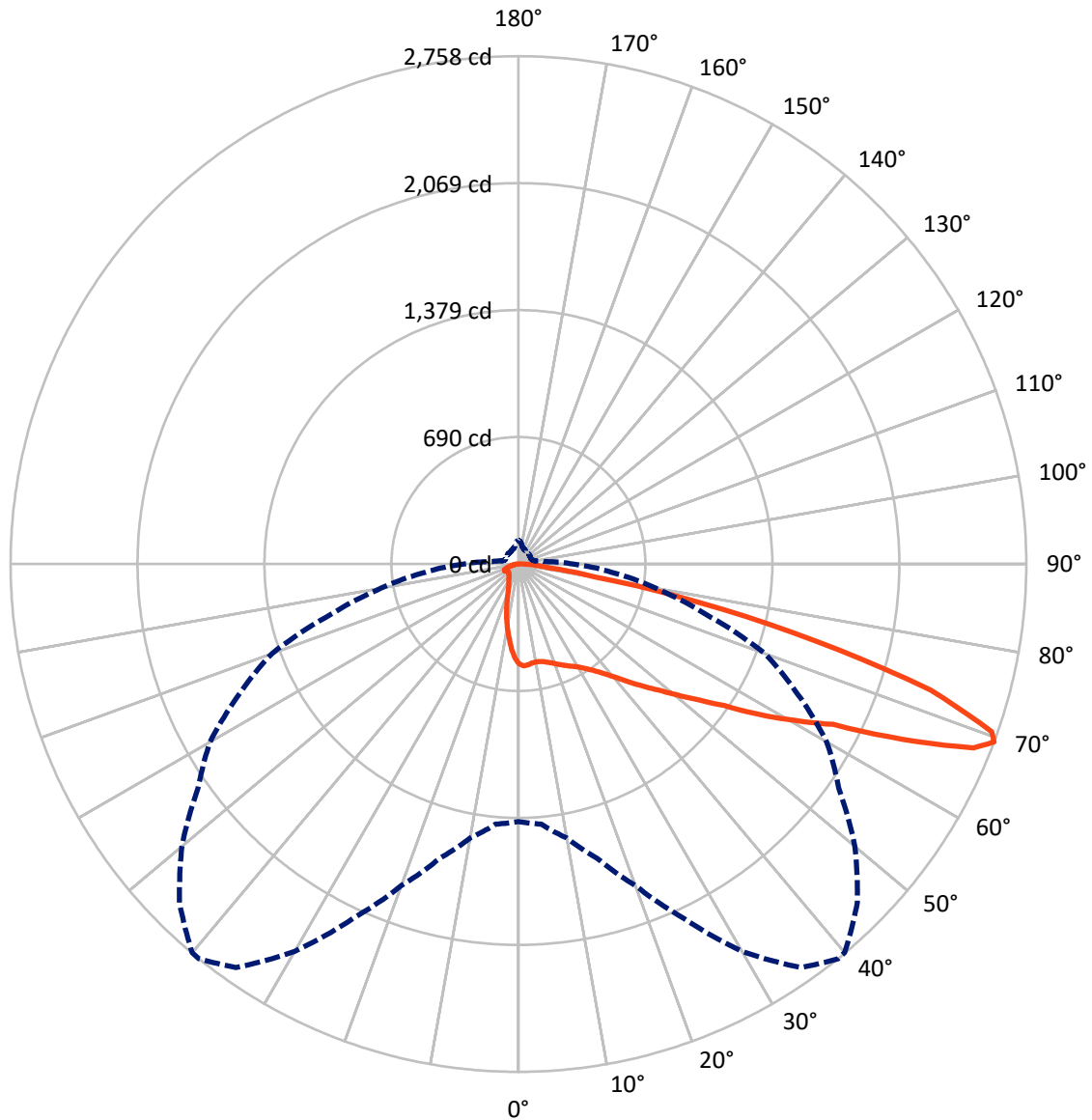
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.4 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P227054
CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 39-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

REPORT NUMBER: P227054

CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	409.9	0.1	410.0
	% Fixture	12.7	0.0	12.7
Street Side	Lumens	2828.7	0.8	2829.5
	% Fixture	87.3	0.0	87.3
Total	Lumens	3238.6	0.9	3239.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	1.4
10°-20°	118.1	3.6
20°-30°	183.8	5.7
30°-40°	277.8	8.6
40°-50°	444.6	13.7
50°-60°	698.7	21.6
60°-70°	940.8	29.0
70°-80°	466.7	14.4
80°-90°	61.3	1.9
90°-100°	0.9	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°	3238.6	100.0
0°-180°	3239.5	100.0



REPORT NUMBER: P227054

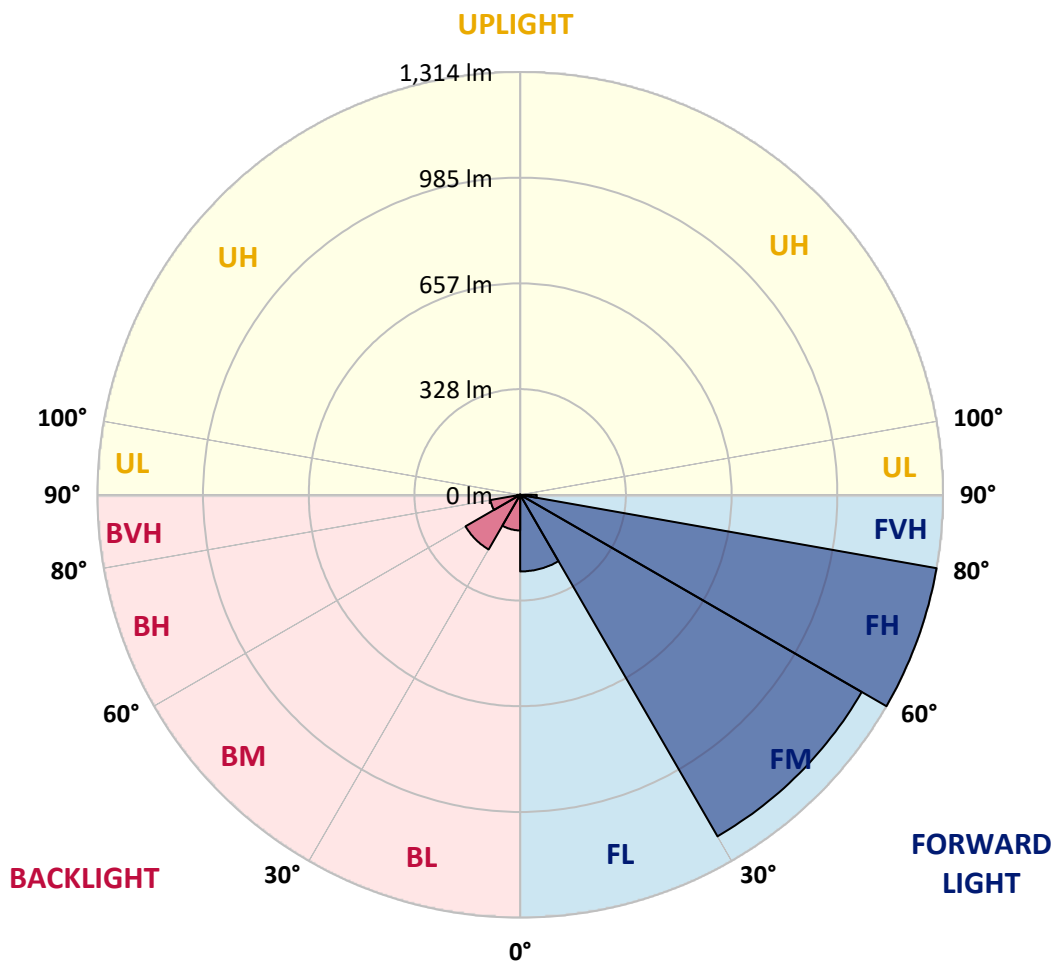
CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	238.2	7.4			
FM	(30°-60°)	1225.3	37.8			
FH	(60°-80°)	1313.6	40.6			G1/1800
FVH	(80°-90°)	51.6	1.6			G1/100
BL	(0°-30°)	110.6	3.4	B1/500		
BM	(30°-60°)	195.8	6.0	B0/220		
BH	(60°-80°)	93.8	2.9	B0/110		G0/110
BVH	(80°-90°)	9.7	0.3			G0/10
UL	(90°-100°)	0.9	0.0		U1/10	
UH	(100°-180°)	0.1	0.0		U1/10	

BUG Rating: B1-U1-G1

Type IV Short





REPORT NUMBER: P227054

CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	39°	40°	45°
0°	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6
2.5°	555.7	556.3	556.3	556.8	554.7	554.7	555.2	553.1	554.2	553.6	551.0
5°	556.8	557.3	556.8	557.3	554.7	553.6	551.5	548.9	550.0	549.4	545.7
7.5°	554.2	554.7	553.6	554.2	551.0	548.9	545.7	543.6	542.1	541.5	536.8
10°	548.4	550.0	547.8	549.4	546.8	544.7	543.1	541.0	540.0	539.4	534.2
12.5°	540.0	541.0	541.5	543.6	543.6	544.2	544.2	542.6	543.1	542.6	538.4
15°	532.1	535.8	539.4	541.5	545.7	548.4	550.5	550.0	551.5	551.0	548.4
17.5°	532.1	535.2	541.5	548.4	556.3	559.9	563.1	563.1	563.6	562.6	558.4
20°	534.2	540.0	550.5	562.0	571.5	578.9	581.0	580.4	578.3	578.3	571.0
22.5°	551.5	555.2	566.8	579.4	592.5	599.9	600.4	598.8	594.6	593.6	584.7
25°	576.2	580.4	591.0	607.3	617.3	623.0	621.5	616.2	612.0	608.3	598.8
27.5°	614.6	617.8	628.3	639.3	645.1	647.2	640.9	633.6	628.8	627.2	614.6
30°	654.1	658.3	666.7	673.5	678.2	671.9	661.9	653.5	649.3	648.3	636.7
32.5°	702.4	703.0	708.7	710.3	710.8	700.3	686.7	678.8	677.2	675.1	666.1
35°	746.6	749.2	748.2	747.6	742.9	729.8	718.2	713.5	711.9	711.4	704.0
37.5°	786.0	790.2	787.6	782.9	777.1	766.6	754.5	749.2	754.5	751.3	752.9
40°	824.4	824.4	821.2	818.6	811.8	801.8	797.6	798.1	806.5	808.6	810.7
42.5°	857.5	857.0	853.8	851.7	850.7	848.6	846.5	856.5	872.8	875.9	880.7
45°	893.8	893.3	881.2	885.4	892.8	894.3	901.7	924.8	944.8	946.4	956.4
47.5°	929.0	924.8	913.3	917.5	938.5	949.5	961.6	994.2	1022.1	1027.9	1055.7
50°	965.8	961.6	949.0	956.9	986.3	1006.8	1035.2	1080.5	1118.8	1126.7	1163.0
52.5°	1004.2	1003.7	993.7	1005.8	1042.1	1083.6	1128.3	1179.3	1226.1	1236.1	1289.7
55°	1050.5	1047.9	1043.6	1058.4	1109.9	1165.6	1235.6	1305.0	1356.0	1373.8	1428.0
57.5°	1102.5	1101.5	1102.0	1132.5	1194.5	1279.2	1364.9	1458.5	1542.6	1555.2	1605.7
60°	1147.8	1149.9	1161.9	1209.8	1287.6	1402.2	1522.6	1649.3	1724.0	1737.1	1786.6
62.5°	1203.0	1215.0	1241.9	1302.3	1393.8	1532.6	1688.8	1822.8	1919.1	1945.9	2039.5
65°	1335.4	1344.9	1394.9	1467.9	1584.7	1762.4	1941.7	2136.7	2295.5	2319.7	2400.1
67.5°	1432.2	1456.4	1534.7	1654.1	1822.8	2050.0	2296.0	2532.1	2666.2	2677.2	2621.0
69°	1398.5	1418.5	1511.1	1655.1	1858.6	2123.0	2429.0	2675.6	2758.2	2756.1	2603.1
70°	1347.0	1365.4	1467.4	1607.3	1828.6	2114.6	2431.1	2676.7	2726.6	2707.7	2532.6
72.5°	1128.3	1144.6	1240.3	1386.4	1601.0	1884.9	2183.0	2350.7	2340.2	2324.4	2035.2
75°	704.5	703.5	787.1	871.7	1038.4	1325.5	1547.3	1681.9	1660.4	1648.3	1306.5
77.5°	263.4	281.8	312.3	403.3	480.0	635.1	814.4	964.3	1005.8	952.7	703.5
80°	137.2	147.2	167.2	199.3	229.2	262.4	315.5	405.9	420.1	391.7	283.9
82.5°	108.3	120.4	140.4	167.7	188.8	176.1	166.1	171.9	170.9	163.0	144.6
85°	82.0	96.2	128.8	156.7	186.6	157.7	125.7	109.9	97.8	98.3	104.6
87.5°	41.0	53.1	101.5	136.7	162.5	104.6	82.0	63.6	53.1	51.0	68.3
90°	12.6	12.6	20.5	26.8	36.8	18.4	17.9	13.7	10.0	10.0	15.8
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°	10°	15°	20°	25°	30°	35°	39°	40°	45°
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):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6
2.5°	548.9	548.9	547.8	547.3	545.7	543.6	542.1	539.4	537.9	535.2	532.1
5°	542.1	540.0	538.9	536.8	533.7	531.0	527.9	524.2	520.0	514.7	508.9
7.5°	533.1	530.0	526.3	525.2	521.6	518.4	514.7	509.5	503.7	494.2	486.9
10°	529.4	526.3	523.1	521.0	516.3	512.6	508.4	501.6	494.2	481.6	467.9
12.5°	533.1	530.0	526.8	523.1	518.9	514.7	508.9	500.5	490.5	474.2	457.4
15°	542.1	538.9	533.7	530.0	524.2	520.5	512.6	503.2	488.4	468.5	446.4
17.5°	552.1	547.3	542.6	536.8	531.6	526.8	518.4	506.3	487.9	464.3	435.9
20°	561.5	556.3	548.9	544.7	539.4	532.6	523.7	508.9	486.9	455.8	424.8
22.5°	572.6	565.7	557.8	553.1	548.9	543.1	532.6	513.7	486.9	451.1	412.2
25°	586.8	577.8	569.9	565.2	562.6	558.4	545.7	524.7	490.5	448.5	401.7
27.5°	603.6	592.0	585.2	582.0	581.5	578.3	565.7	539.4	499.0	448.5	391.7
30°	623.6	613.6	604.6	604.6	610.9	608.8	594.6	562.0	512.1	450.1	384.3
32.5°	651.4	641.4	636.2	641.4	648.3	650.4	634.1	594.1	533.7	457.4	377.0
35°	692.4	686.1	682.4	690.3	704.0	709.3	689.3	642.0	565.2	471.6	372.8
37.5°	746.6	741.9	737.1	750.8	776.6	787.1	758.2	697.2	610.4	495.3	370.7
40°	808.6	809.2	814.4	841.8	866.5	888.5	855.9	780.8	672.5	528.9	372.8
42.5°	882.2	888.0	905.9	943.8	991.6	1008.9	977.4	881.7	749.7	569.4	378.0
45°	973.7	989.0	1019.5	1075.7	1133.6	1160.4	1115.7	1008.9	847.0	634.1	392.7
47.5°	1071.0	1104.6	1156.2	1224.5	1291.8	1309.2	1254.0	1124.1	942.2	691.4	415.4
50°	1195.6	1236.6	1288.1	1370.2	1441.7	1452.2	1379.1	1230.8	1025.2	741.3	436.9
52.5°	1311.8	1367.5	1433.2	1528.4	1601.0	1587.8	1493.2	1326.0	1091.0	775.5	449.0
55°	1470.6	1528.4	1602.5	1685.6	1757.6	1726.1	1596.8	1407.0	1143.5	800.7	452.7
57.5°	1652.0	1696.1	1768.7	1853.9	1901.2	1847.0	1698.8	1485.8	1193.5	801.3	423.8
60°	1830.2	1881.7	1961.6	2045.2	2071.5	1977.9	1769.7	1497.9	1144.1	715.0	339.1
62.5°	2094.1	2146.2	2186.7	2200.3	2153.0	1964.8	1687.2	1370.2	986.3	564.1	240.3
65°	2389.1	2330.2	2251.9	2178.3	2049.4	1763.4	1454.8	1125.7	765.5	377.0	165.6
67.5°	2466.4	2287.1	2116.7	1952.7	1712.4	1404.3	1097.3	791.8	491.1	214.5	112.5
69°	2385.9	2124.1	1934.3	1674.0	1425.9	1051.0	756.1	507.4	293.4	149.3	94.1
70°	2238.7	1966.4	1709.3	1430.6	1104.6	802.8	502.6	332.3	191.4	108.8	84.6
72.5°	1689.3	1350.7	1041.0	676.1	412.2	228.7	160.9	115.1	91.0	79.9	72.6
75°	976.9	650.4	425.9	227.1	134.6	99.9	87.3	77.8	72.0	69.4	63.1
77.5°	412.2	257.6	174.6	127.8	90.4	77.3	67.3	62.0	61.5	59.9	54.2
80°	187.7	160.9	137.2	96.2	68.9	58.9	51.5	50.5	51.5	49.9	44.2
82.5°	139.3	137.2	114.6	74.1	52.6	39.4	32.1	33.6	37.9	41.0	35.8
85°	116.2	116.2	96.2	55.2	34.7	25.2	24.7	27.9	31.5	34.2	28.9
87.5°	106.7	102.5	55.2	28.4	20.0	16.3	15.2	13.7	13.7	23.7	20.0
90°	10.5	4.7	2.6	2.1	2.6	2.1	3.2	2.6	2.6	2.6	2.6
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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CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
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: P227054

CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6	542.6
2.5°	529.4	527.3	522.1	521.0	519.5	517.4	516.8	514.2	508.9	507.9	508.4
5°	505.3	496.9	491.1	486.3	482.7	473.2	469.5	465.3	457.9	455.8	452.7
7.5°	476.9	466.9	455.3	446.9	436.9	426.9	419.0	409.0	401.2	396.4	388.0
10°	454.8	441.1	425.9	409.0	395.9	380.7	370.7	359.1	346.5	334.9	326.5
12.5°	438.0	419.0	397.0	377.0	358.0	341.7	323.9	307.6	291.8	276.0	262.4
15°	424.3	400.6	372.8	347.5	324.4	300.2	280.2	257.6	237.6	224.0	206.6
17.5°	409.6	379.1	346.0	316.5	286.5	261.3	236.1	212.4	193.5	175.6	161.4
20°	391.7	354.9	319.1	285.0	250.8	221.9	196.1	173.5	155.1	140.9	130.4
22.5°	371.7	328.6	287.1	249.7	215.6	187.2	163.0	146.2	132.5	124.6	121.5
25°	352.3	302.8	256.0	215.0	180.9	156.7	140.4	126.2	119.3	116.2	116.2
27.5°	334.4	276.6	224.5	184.5	151.4	132.5	119.9	114.1	110.9	110.9	112.5
30°	317.6	250.3	194.5	154.0	127.8	113.6	106.7	104.6	105.2	107.3	109.4
32.5°	298.1	225.0	168.8	132.5	110.9	101.5	96.2	96.7	99.4	103.1	106.7
35°	277.6	198.2	146.2	116.2	99.4	92.0	88.9	89.4	93.1	97.8	101.5
37.5°	259.2	176.7	128.8	103.6	91.0	86.2	83.6	84.1	86.8	92.5	97.3
40°	240.8	158.3	114.6	96.2	86.2	81.5	79.9	79.4	81.5	86.8	92.5
42.5°	225.0	142.5	106.2	91.0	83.1	78.9	76.8	76.8	77.8	82.0	87.8
45°	215.6	133.0	100.4	87.3	80.4	76.8	74.7	73.6	75.2	77.8	83.1
47.5°	215.6	128.3	96.7	84.6	78.3	75.2	72.6	72.0	72.6	75.2	80.4
50°	222.9	129.3	96.2	83.6	77.3	73.1	70.5	70.5	71.5	75.2	79.4
52.5°	229.2	131.4	97.8	84.6	77.3	72.0	68.9	68.3	69.9	73.6	77.3
55°	228.2	131.4	99.4	86.2	78.9	72.6	68.3	67.8	68.9	72.6	76.2
57.5°	204.0	123.6	97.8	87.3	81.0	75.2	71.0	69.4	70.5	73.6	76.8
60°	165.1	109.9	93.6	87.3	84.1	79.9	75.7	74.7	75.2	78.3	82.0
62.5°	129.3	97.8	88.3	86.8	85.7	83.6	82.0	81.0	81.0	83.6	86.8
65°	105.2	88.3	84.1	84.6	85.7	85.2	84.6	84.1	84.1	85.7	88.9
67.5°	87.8	79.4	78.3	79.9	81.0	81.5	82.0	81.5	82.0	83.6	87.3
69°	79.9	74.7	73.6	74.7	76.8	77.3	78.3	77.8	78.3	79.9	83.6
70°	75.2	71.0	69.9	71.5	73.1	73.6	74.7	74.1	74.7	76.2	79.9
72.5°	65.2	60.5	58.9	59.9	61.5	61.5	63.1	63.6	62.6	63.1	65.7
75°	55.7	50.5	47.8	48.4	48.4	48.4	49.4	49.4	48.4	47.8	48.4
77.5°	46.8	41.0	37.9	37.9	37.9	37.3	35.8	36.3	36.8	36.3	36.8
80°	36.8	32.1	28.9	28.9	28.9	27.9	27.3	27.3	28.4	29.4	28.9
82.5°	28.4	23.7	22.1	21.6	21.6	20.5	20.5	21.6	21.0	21.6	22.6
85°	20.5	16.8	15.2	15.8	15.2	14.2	14.7	16.3	16.3	15.8	16.8
87.5°	12.6	10.5	10.0	10.5	9.5	7.9	7.4	7.9	8.9	8.4	9.5
90°	1.6	1.1	1.1	1.1	1.6	1.1	1.1	1.1	1.6	1.6	1.1
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: P227054
 CATALOG NUMBER: ISW-AF-600-LED-E1-SL4-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	
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	67.5°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°

NUMBER: P227054
 NUMBER: ISW-AF-600-LED-E1-SL4-7030

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

160°	165°	170°	175°	180°
542.6	542.6	542.6	542.6	542.6
504.7	506.3	499.5	502.6	500.5
449.5	446.9	446.4	444.8	441.6
384.9	382.8	376.4	378.6	373.8
318.1	317.6	306.0	306.5	300.7
256.6	247.1	242.4	235.5	239.2
198.7	190.9	180.9	178.2	181.9
149.8	142.0	137.2	133.0	131.4
124.1	119.3	116.7	115.1	114.1
119.9	118.8	118.3	117.2	116.7
117.2	118.3	118.3	118.3	117.2
114.6	116.7	117.2	116.7	115.7
112.0	113.6	113.6	113.0	111.5
108.3	109.9	109.9	109.4	108.3
104.1	105.2	105.7	105.7	106.2
100.9	102.0	103.1	104.1	105.7
97.3	98.8	99.4	101.5	103.6
92.5	94.6	95.7	97.3	99.4
87.8	90.4	91.0	93.1	95.2
85.7	87.8	87.8	89.4	91.0
83.1	84.1	83.6	84.6	85.2
80.4	81.5	81.0	82.0	82.5
78.3	79.4	80.4	81.5	82.0
79.4	81.0	81.5	83.1	83.6
84.1	86.2	88.3	90.4	92.0
88.9	91.5	96.2	105.7	109.4
91.5	95.2	106.2	122.5	127.2
89.9	94.6	107.8	125.1	130.9
86.8	90.4	104.6	122.5	127.8
82.5	86.2	100.4	119.9	124.6
66.8	68.9	84.6	103.1	106.2
48.9	50.5	62.6	69.9	69.4
37.9	40.0	44.2	44.7	44.2
30.0	31.0	33.1	33.1	33.6
23.1	23.7	24.7	23.7	23.1
17.4	16.8	16.3	15.8	15.2
10.0	10.0	8.4	7.4	6.8
1.1	1.6	1.6	1.1	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:

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

'227054
ISW-AF-600-LED-E1-SL4-7030

TION (continued):

165°	170°	175°	180°
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	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
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

(END OF REPORT)