

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: P271797

Luminaire Tested: **ISW-AF-1000-LED-E1-T2-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271797
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35937)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISW-AF-1000-LED-E1-T2-7027
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE II
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5259.5 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Medium - Cutoff
BUG Rating: B1 - U1 - G1

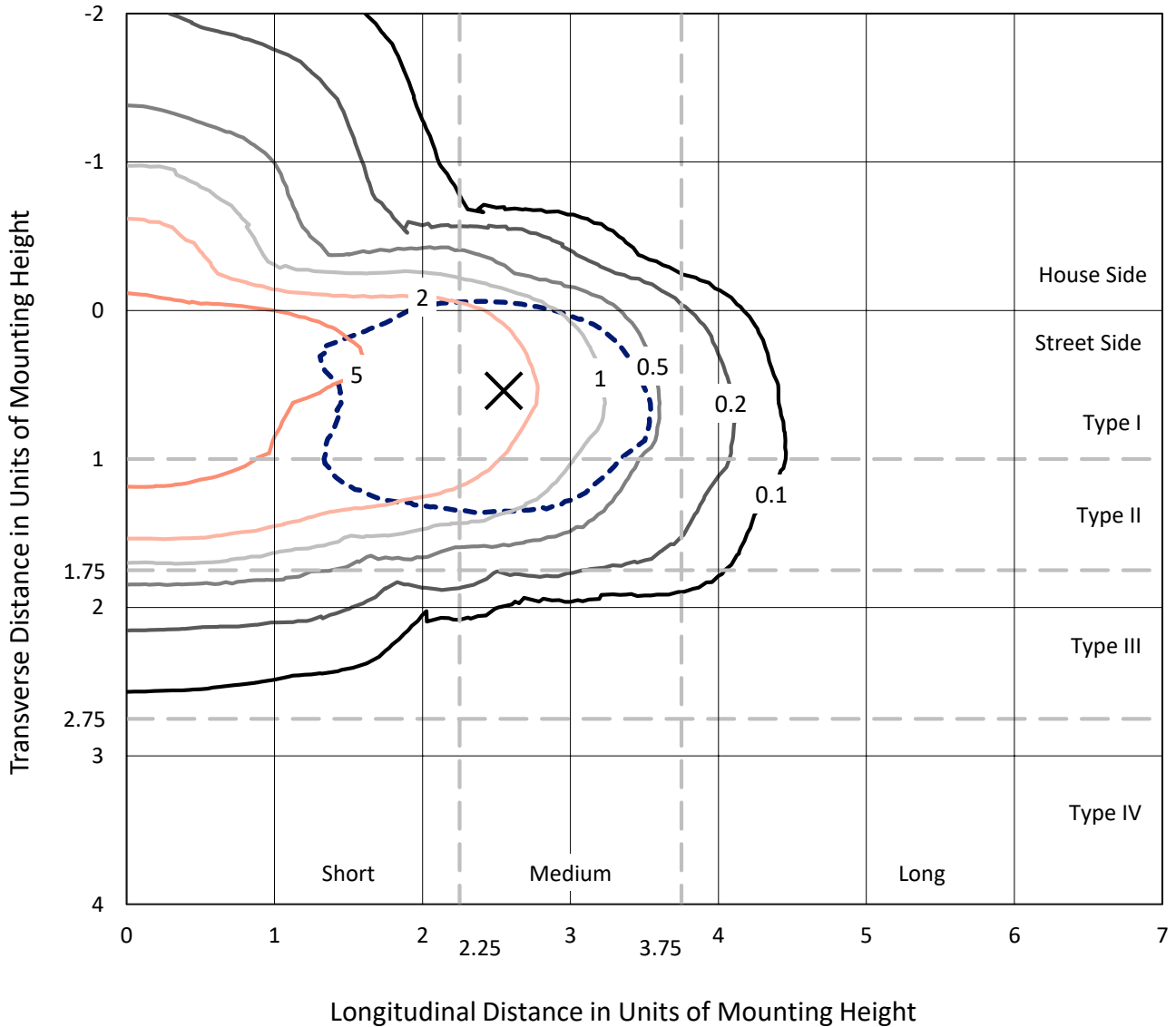
Input Watts (W): 54.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

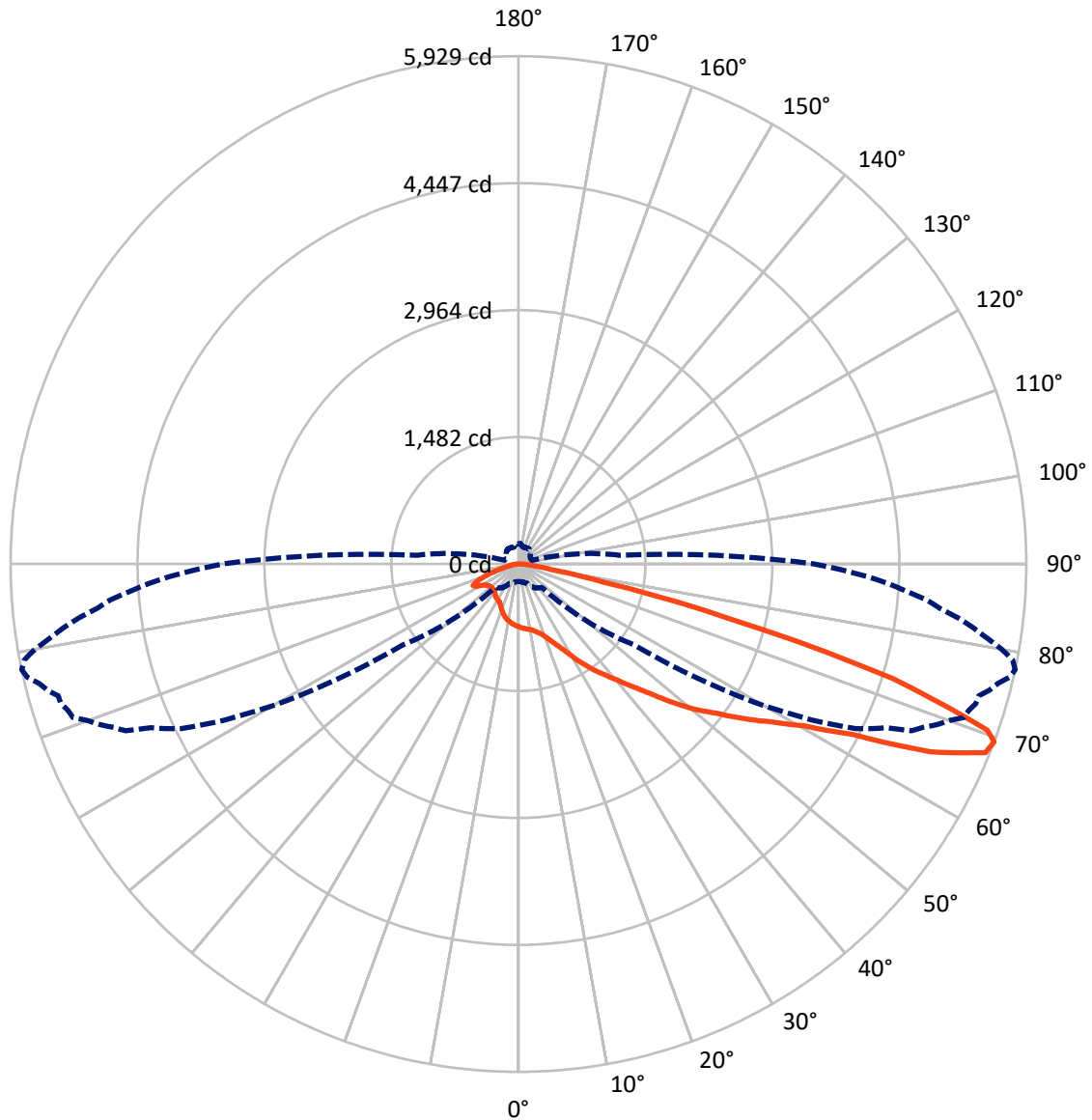
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Medium - Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 78-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	961.6	1.8	963.5
	% Fixture	18.3	0.0	18.3
Street Side	Lumens	4295.2	0.9	4296.0
	% Fixture	81.7	0.0	81.7
Total	Lumens	5256.8	2.7	5259.5
	% Fixture	99.9	0.1	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	1.3
10°-20°	205.1	3.9
20°-30°	367.7	7.0
30°-40°	600.2	11.4
40°-50°	887.7	16.9
50°-60°	1159.1	22.0
60°-70°	1296.4	24.6
70°-80°	582.0	11.1
80°-90°	90.8	1.7
90°-100°	2.7	0.1
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°	5256.8	99.9
0°-180°	5259.5	100.0



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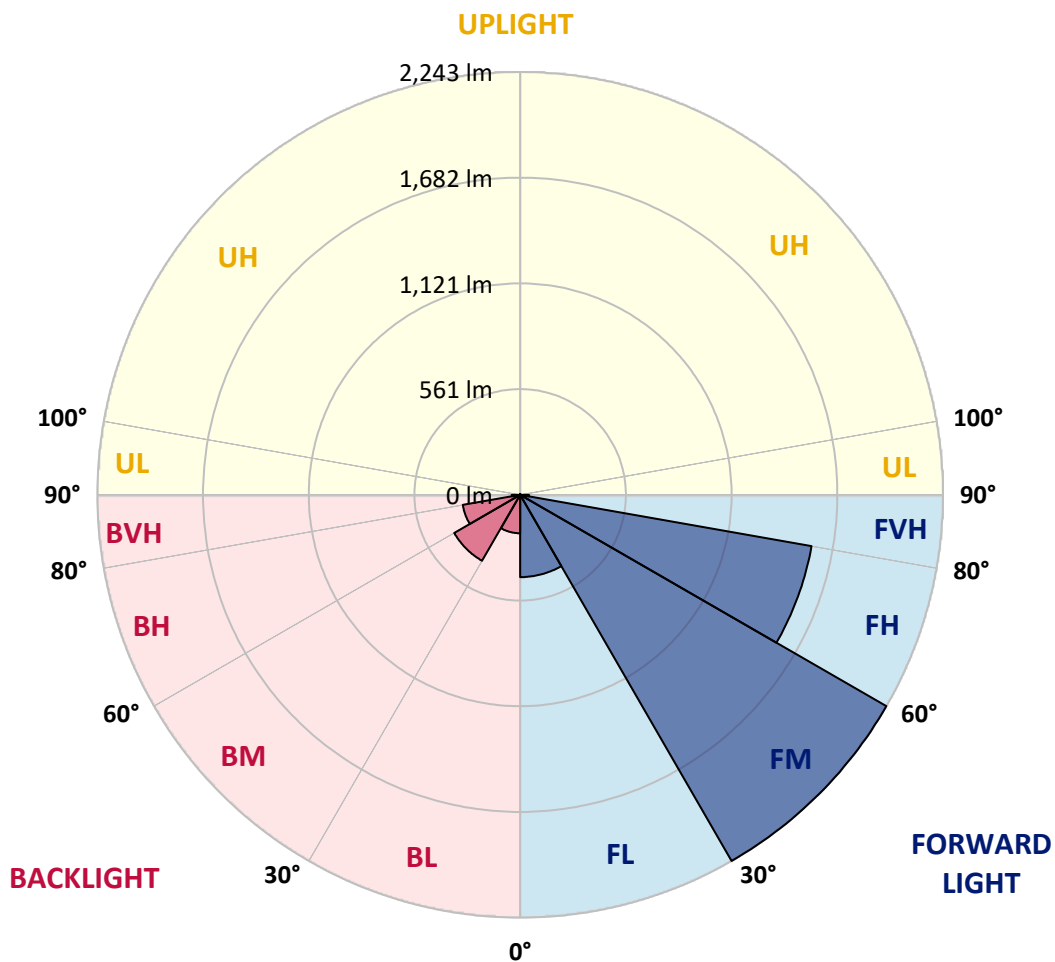
CATALOG NUMBER: ISW-AF-1000-LED-E1-T2-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	436.6	8.3			
FM	(30°-60°)	2243.0	42.6			
FH	(60°-80°)	1569.3	29.8			G1/1800
FVH	(80°-90°)	46.3	0.9			G1/100
BL	(0°-30°)	204.1	3.9	B1/500		
BM	(30°-60°)	404.0	7.7	B1/1000		
BH	(60°-80°)	309.1	5.9	B1/500		G1/500
BVH	(80°-90°)	44.4	0.8			G1/100
UL	(90°-100°)	2.7	0.1		U1/10	
UH	(100°-180°)	1.8	0.0		U1/10	

BUG Rating: B1-U1-G1

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4
2.5°	783.3	783.3	781.1	779.5	777.2	771.1	762.0	760.4	759.7	758.2	756.6
5°	840.6	834.5	836.1	832.2	823.8	813.1	796.3	787.9	783.3	782.6	779.5
7.5°	887.2	888.0	885.7	878.0	866.5	853.6	830.8	817.7	814.0	811.6	806.3
10°	920.9	918.4	917.0	915.5	906.3	895.6	866.5	850.5	847.6	841.4	835.2
12.5°	945.3	945.3	945.3	943.7	938.4	929.9	907.1	891.0	887.2	878.8	873.4
15°	972.0	968.9	965.9	963.5	964.3	964.3	947.5	935.3	929.2	924.6	913.9
17.5°	1029.2	1022.3	1015.4	1006.3	991.8	988.0	987.2	986.5	978.1	977.3	966.6
20°	1078.1	1071.9	1065.9	1056.7	1036.0	1014.0	1025.3	1036.0	1034.6	1035.4	1030.0
22.5°	1138.4	1133.8	1121.6	1110.9	1084.2	1057.5	1059.0	1081.9	1085.0	1087.9	1089.6
25°	1220.9	1218.6	1198.7	1178.0	1147.6	1122.3	1098.6	1126.9	1133.0	1139.9	1153.6
27.5°	1304.1	1298.7	1277.4	1259.1	1220.9	1194.2	1161.3	1176.6	1185.8	1198.7	1220.1
30°	1411.8	1397.2	1389.6	1348.4	1313.2	1274.3	1246.1	1250.6	1249.1	1264.4	1297.2
32.5°	1567.5	1544.5	1506.4	1465.1	1423.9	1372.0	1348.4	1347.5	1343.8	1361.3	1379.7
35°	1651.4	1646.1	1622.5	1581.3	1536.2	1487.3	1472.1	1457.6	1459.8	1469.0	1475.8
37.5°	1742.4	1737.8	1719.4	1696.4	1662.1	1688.9	1604.1	1582.7	1572.8	1568.4	1570.6
40°	1782.1	1785.9	1795.8	1799.7	1779.7	1908.0	1740.8	1670.6	1667.5	1660.7	1653.8
42.5°	1790.4	1800.3	1820.2	1863.7	1882.8	2162.3	1853.8	1769.0	1756.8	1751.5	1752.2
45°	1821.0	1836.2	1840.1	1879.7	1969.8	2175.2	1981.3	1856.1	1846.9	1846.2	1841.5
47.5°	1895.1	1915.6	1915.6	1933.2	2018.7	2200.5	2024.8	1943.1	1937.0	1934.1	1946.2
50°	1905.8	1933.2	1988.2	2044.7	2106.5	2221.1	2074.5	2037.9	2040.1	2047.0	2082.9
52.5°	1724.7	1752.2	1897.3	2063.8	2265.3	2277.6	2149.4	2163.7	2179.1	2212.6	2278.3
55°	1478.9	1498.8	1670.6	1937.0	2271.5	2492.1	2337.1	2377.5	2409.6	2419.6	2522.7
57.5°	1164.3	1191.8	1366.7	1712.6	2121.1	2553.3	2769.3	2787.6	2751.7	2784.6	2821.9
60°	630.7	627.6	871.2	1238.4	1805.0	2440.2	3186.2	3500.8	3508.4	3558.7	3498.4
62.5°	352.8	352.8	423.0	636.0	1161.3	2064.6	3386.3	4117.7	4213.1	4293.3	4469.7
65°	266.4	268.8	293.9	383.3	652.0	1303.4	3239.6	4328.3	4511.6	4695.6	5004.9
67.5°	221.4	221.4	239.8	285.5	407.7	591.7	2385.2	3905.4	4134.4	4354.4	4781.9
69°	205.4	206.1	219.8	251.2	341.3	384.8	1647.7	3311.3	3573.3	3877.9	4381.8
70°	197.8	195.4	208.5	234.4	309.3	303.9	1207.1	2879.2	3082.4	3355.7	3935.1
72.5°	175.6	173.4	180.2	200.1	243.6	216.9	492.5	1549.1	1855.4	2161.5	2623.4
75°	156.6	154.1	159.6	168.7	189.4	165.6	247.3	648.9	785.7	1015.4	1401.1
77.5°	138.2	133.6	138.2	144.3	148.8	123.7	167.9	300.0	368.0	451.9	638.2
80°	125.2	120.6	126.0	122.9	116.8	95.4	111.5	174.8	193.9	232.1	303.9
82.5°	89.3	88.6	119.8	123.7	93.2	69.5	79.4	112.3	125.2	132.1	160.3
85°	55.0	52.7	69.5	88.6	94.7	43.5	51.1	66.5	69.5	75.5	89.3
87.5°	28.3	29.0	37.4	45.8	61.8	25.9	30.5	39.0	39.0	39.0	44.3
90°	6.8	8.4	11.5	16.0	12.9	6.8	11.5	9.2	10.7	9.2	10.7
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°	60°	61°	62°	64°
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4
2.5°	757.5	755.1	752.2	752.8	751.3	749.0	749.7	749.0	749.7	748.3	746.7
5°	779.5	778.0	773.4	772.7	771.1	769.6	767.3	765.1	764.3	762.8	759.7
7.5°	804.7	800.2	797.9	794.8	791.0	784.8	784.1	781.1	778.8	777.2	773.4
10°	830.8	825.4	822.3	818.4	814.7	810.9	807.0	801.6	796.3	794.8	790.1
12.5°	869.6	862.8	856.6	850.5	846.7	839.8	834.5	827.7	822.3	820.1	812.3
15°	912.4	903.2	897.1	892.6	886.4	880.2	873.4	867.3	859.0	852.1	845.2
17.5°	962.8	954.4	949.8	941.4	933.8	926.9	921.6	913.9	907.1	894.8	888.7
20°	1029.2	1022.3	1017.0	1007.9	999.5	992.5	988.0	972.0	962.8	952.1	942.2
22.5°	1091.1	1091.8	1086.5	1080.4	1075.0	1065.9	1058.2	1046.7	1035.4	1022.3	1008.5
25°	1158.3	1164.3	1165.1	1163.7	1160.5	1149.9	1146.1	1134.6	1125.5	1104.1	1098.0
27.5°	1233.0	1239.9	1248.4	1259.1	1261.3	1249.9	1255.2	1243.7	1227.7	1218.6	1198.7
30°	1305.6	1324.7	1342.2	1354.5	1362.1	1367.5	1363.6	1359.9	1349.2	1333.8	1316.3
32.5°	1398.8	1418.6	1436.2	1462.9	1476.6	1493.4	1490.4	1491.9	1488.1	1472.8	1452.2
35°	1492.6	1510.2	1533.1	1550.7	1584.3	1602.7	1617.8	1617.1	1617.1	1608.0	1588.1
37.5°	1575.9	1585.8	1604.9	1633.9	1656.0	1685.1	1709.6	1719.4	1735.4	1736.2	1714.9
40°	1662.9	1672.8	1687.4	1708.8	1733.2	1767.5	1800.3	1832.5	1847.7	1863.7	1855.4
42.5°	1756.8	1767.5	1778.3	1792.0	1827.2	1853.8	1898.1	1941.7	1972.9	2005.7	2002.0
45°	1850.0	1862.3	1877.5	1898.1	1929.4	1972.9	2015.7	2064.6	2136.3	2175.2	2201.9
47.5°	1955.4	1975.2	2003.5	2036.3	2061.5	2106.5	2160.7	2236.3	2308.8	2376.1	2418.1
50°	2114.3	2121.8	2167.6	2199.7	2247.8	2293.6	2347.8	2414.3	2508.2	2576.9	2644.0
52.5°	2301.3	2330.2	2376.1	2412.7	2450.8	2496.7	2552.4	2612.0	2705.2	2782.2	2869.3
55°	2542.6	2583.7	2623.4	2643.4	2696.7	2737.9	2782.9	2841.8	2941.8	3025.9	3128.1
57.5°	2830.4	2871.6	2890.7	2919.7	2942.6	2988.4	3049.5	3089.2	3177.8	3264.8	3373.2
60°	3421.4	3395.3	3418.3	3373.2	3366.4	3370.1	3383.2	3413.6	3463.3	3544.3	3658.8
62.5°	4487.9	4450.6	4351.3	4315.4	4245.9	4152.0	4063.4	4051.3	4025.2	4086.3	4158.2
65°	5111.0	5246.9	5261.5	5299.6	5272.2	5198.9	5095.0	5061.3	4977.4	4918.6	4914.8
67.5°	4961.2	5165.2	5292.7	5453.8	5543.1	5630.1	5653.0	5682.9	5628.6	5601.9	5609.6
69°	4545.2	4696.4	4981.9	5092.0	5233.2	5349.1	5501.8	5528.6	5581.3	5589.0	5690.5
70°	4132.9	4355.2	4518.5	4683.4	4878.9	5006.3	5075.1	5188.1	5318.7	5382.7	5492.8
72.5°	2971.6	3044.2	3160.1	3373.9	3428.2	3560.3	3695.4	3791.7	3945.1	4053.5	4312.3
75°	1603.4	1647.0	1829.4	1950.8	1982.9	2026.4	2125.6	2149.4	2206.6	2241.7	2490.6
77.5°	732.2	798.6	822.3	888.7	851.3	869.6	893.4	888.0	904.1	980.4	1067.4
80°	337.4	350.5	359.6	387.1	388.7	382.5	384.8	381.0	378.0	390.1	399.4
82.5°	164.2	184.1	184.1	200.8	209.2	206.9	211.6	209.9	213.0	209.9	219.8
85°	96.2	96.2	103.8	113.0	111.5	114.5	114.5	120.6	121.5	122.9	122.9
87.5°	45.1	49.7	51.9	55.8	57.2	59.6	61.1	61.1	61.8	60.4	61.8
90°	11.5	11.5	19.0	19.0	20.6	22.9	19.9	21.4	26.7	19.9	25.2
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: P271797

CATALOG NUMBER: ISW-AF-1000-LED-E1-T2-7027

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
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: P271797

CATALOG NUMBER: ISW-AF-1000-LED-E1-T2-7027

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4
2.5°	745.2	746.7	746.0	742.9	742.1	742.1	740.7	739.8	738.4	737.6	739.0
5°	759.0	759.0	756.6	753.6	750.5	749.7	749.0	745.2	743.7	742.1	740.7
7.5°	771.9	770.4	767.3	762.0	759.0	758.2	755.1	751.3	747.5	744.4	742.9
10°	785.7	784.1	778.0	774.2	768.1	767.3	762.0	757.5	753.6	749.7	746.7
12.5°	805.5	804.1	797.2	787.9	783.3	780.3	773.4	768.1	762.8	758.2	752.8
15°	836.1	829.9	825.4	816.2	809.4	803.3	794.8	787.2	779.5	771.9	767.3
17.5°	878.8	870.4	858.2	852.9	843.7	833.8	822.3	817.0	807.0	797.9	788.7
20°	934.6	926.2	907.1	900.2	887.2	872.7	863.5	852.1	843.7	829.1	819.3
22.5°	996.4	988.8	970.3	952.1	939.9	928.5	913.9	899.5	883.4	869.6	859.0
25°	1076.6	1065.1	1049.1	1030.7	1012.4	996.4	976.5	956.0	942.2	923.1	907.7
27.5°	1185.8	1165.9	1139.2	1119.3	1104.8	1080.4	1056.0	1037.6	1016.3	991.0	974.2
30°	1304.1	1281.9	1262.1	1239.2	1214.8	1191.2	1157.5	1130.8	1107.9	1081.1	1053.6
32.5°	1435.4	1416.3	1388.2	1358.2	1331.6	1301.8	1277.4	1249.1	1209.4	1181.1	1152.2
35°	1567.5	1545.4	1516.4	1491.2	1460.6	1430.0	1402.5	1365.2	1329.3	1288.8	1248.4
37.5°	1695.0	1675.9	1643.9	1605.7	1579.0	1546.2	1517.9	1478.3	1435.4	1390.4	1359.9
40°	1837.0	1806.5	1784.3	1740.1	1712.6	1675.9	1635.5	1604.9	1563.7	1514.8	1471.3
42.5°	1999.6	1978.2	1954.6	1918.7	1889.8	1846.2	1795.0	1756.1	1717.9	1659.9	1599.5
45°	2205.8	2192.0	2153.1	2124.1	2085.1	2039.3	1995.0	1947.7	1887.4	1820.2	1765.3
47.5°	2453.2	2442.5	2407.4	2366.1	2315.0	2253.1	2211.9	2146.9	2095.8	2011.8	1946.2
50°	2677.7	2683.0	2663.9	2600.5	2554.7	2492.9	2428.0	2371.4	2292.8	2205.8	2121.8
52.5°	2945.6	2940.3	2892.3	2857.1	2802.9	2728.1	2657.1	2584.5	2498.3	2408.2	2303.5
55°	3202.2	3218.2	3184.6	3134.9	3069.3	2964.8	2892.9	2799.1	2708.2	2608.9	2488.2
57.5°	3451.1	3502.2	3476.4	3417.5	3350.3	3274.7	3180.0	3074.7	2980.8	2851.0	2715.0
60°	3761.0	3829.0	3839.7	3801.5	3728.2	3640.4	3516.0	3433.5	3304.4	3184.6	3080.0
62.5°	4238.2	4392.5	4383.4	4401.7	4349.8	4295.5	4149.7	4061.1	3893.2	3806.8	3661.0
65°	5035.4	5149.2	5285.9	5281.2	5245.3	5115.6	4964.3	4816.3	4705.5	4535.4	4383.4
67.5°	5704.2	5798.1	5879.0	5837.1	5754.6	5608.7	5431.6	5225.5	5056.8	4868.9	4669.7
69°	5766.8	5881.3	5928.7	5876.8	5728.6	5538.5	5365.3	5173.6	4941.5	4780.4	4537.6
70°	5598.9	5711.9	5807.4	5673.7	5537.8	5352.2	5162.9	4963.7	4756.0	4582.6	4337.6
72.5°	4447.5	4575.0	4562.0	4547.5	4439.1	4253.6	4079.5	3972.6	3826.7	3617.6	3440.4
75°	2586.0	2644.8	2541.8	2650.2	2520.4	2333.3	2357.7	2237.0	2130.2	2009.6	1916.4
77.5°	1015.4	1067.4	1013.2	995.6	937.7	924.6	827.7	839.1	791.0	696.4	652.8
80°	384.8	391.8	382.5	363.5	359.6	337.4	331.4	309.9	300.0	268.8	257.4
82.5°	206.9	210.7	204.6	198.5	193.9	181.0	172.6	156.6	147.3	137.4	136.6
85°	119.1	116.0	113.0	110.0	103.0	95.4	89.3	83.3	76.4	71.0	65.7
87.5°	62.6	63.4	64.0	61.1	56.5	50.3	46.6	44.3	39.0	36.7	34.3
90°	20.6	15.3	17.6	22.2	20.6	16.8	16.0	13.7	11.5	11.5	9.2
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: P271797
 CATALOG NUMBER: ISW-AF-1000-LED-E1-T2-7027

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°	
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°

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 NUMBER: ISW-AF-1000-LED-E1-T2-7027

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°	110°	87°
731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	731.4	110°	0.0
736.8	736.8	734.5	732.9	727.6	718.5	709.3	700.9	689.4	684.9	678.8	112.5°	0.0
739.0	737.6	735.3	732.2	721.5	700.2	678.0	654.3	629.9	607.7	581.8	115°	0.0
740.7	737.6	734.5	730.7	715.4	682.6	638.2	591.7	548.1	515.4	501.6	117.5°	0.0
741.4	739.0	735.3	730.0	708.5	659.6	588.7	521.5	483.3	470.4	468.1	120°	0.0
749.7	746.0	739.8	733.7	705.5	634.6	533.0	468.7	453.6	459.7	470.4	122.5°	0.0
760.4	755.8	748.3	742.1	703.9	601.7	478.8	439.0	444.4	461.2	478.8	125°	0.0
779.5	771.9	763.5	757.5	707.1	561.2	435.2	423.7	439.8	461.2	484.8	127.5°	0.0
807.8	797.2	787.2	776.5	711.5	510.8	409.3	413.8	432.9	455.8	481.9	130°	0.0
842.9	830.8	817.0	800.9	716.9	467.3	394.7	403.1	420.7	440.6	461.9	132.5°	0.0
890.3	873.4	855.9	836.1	724.6	420.0	381.8	390.9	401.6	413.1	423.7	135°	0.0
949.8	926.9	907.7	881.1	732.2	387.9	371.1	374.1	376.4	378.0	377.2	137.5°	0.0
1029.2	994.2	972.0	939.1	740.7	371.1	358.9	355.0	351.1	345.8	339.8	140°	0.0
1113.2	1084.2	1049.1	1007.1	746.0	359.6	347.5	335.2	324.5	319.2	319.2	142.5°	0.0
1210.9	1175.1	1130.8	1078.1	739.0	347.5	332.1	316.1	309.9	316.8	314.6	145°	0.0
1308.7	1259.1	1210.2	1149.9	722.2	333.7	315.3	307.0	311.5	302.4	297.0	147.5°	0.0
1416.3	1361.3	1293.4	1223.1	697.8	319.2	307.0	311.5	295.5	284.9	289.3	150°	0.0
1537.0	1472.1	1398.8	1303.4	681.8	309.9	293.9	297.8	284.0	276.4	274.2	152.5°	0.0
1701.1	1608.8	1519.4	1407.1	694.0	295.5	268.8	284.0	276.4	269.5	263.5	155°	0.0
1862.3	1763.7	1658.3	1526.3	715.4	284.9	248.9	269.5	274.9	263.5	252.0	157.5°	0.0
2024.2	1919.5	1796.6	1649.2	741.4	277.9	233.6	252.0	271.1	257.4	248.1	160°	0.0
2194.3	2062.3	1936.3	1777.5	775.0	271.1	221.4	236.7	264.2	257.4	243.6	162.5°	0.0
2373.1	2217.3	2091.3	1919.5	833.8	261.0	206.1	224.5	257.4	256.6	238.9	165°	0.0
2580.7	2441.8	2279.9	2105.0	915.5	249.7	192.3	215.3	251.2	253.5	233.6	167.5°	0.0
2934.2	2790.7	2595.2	2428.7	1077.2	234.4	184.1	206.1	241.3	247.3	229.1	170°	0.0
3507.6	3312.1	3132.7	2976.9	1354.5	213.0	178.0	196.2	230.5	239.8	225.3	172.5°	0.0
4165.0	3974.1	3757.3	3495.3	1508.7	193.1	169.5	184.1	219.8	232.1	221.4	175°	0.0
4444.5	4194.7	3931.3	3620.6	1361.3	177.1	160.3	172.6	207.7	221.4	216.1	177.5°	0.0
4316.2	4063.4	3757.3	3452.6	1184.2	168.7	155.0	166.5	198.5	214.5	210.7	180°	0.0
4093.1	3839.0	3565.6	3199.9	1057.5	164.2	151.2	162.6	194.8	210.7	207.7		
3237.3	3010.5	2758.5	2480.0	720.8	148.8	139.0	151.2	179.4	197.0	196.2		
1715.7	1649.2	1462.9	1299.5	373.3	132.9	126.0	138.2	165.6	184.1	184.1		
617.7	560.5	536.0	445.1	198.5	116.0	113.0	122.2	150.5	167.9	167.3		
233.6	227.5	203.8	190.9	126.0	94.7	95.4	104.7	132.1	148.8	148.1		
132.1	119.8	116.0	112.3	80.2	74.8	78.6	87.9	113.0	127.5	129.7		
63.4	58.7	57.2	53.4	52.7	57.2	61.8	69.5	90.1	107.7	105.4		
30.5	29.0	28.3	27.5	37.4	36.7	45.1	48.1	60.4	85.5	77.2		
9.9	9.9	9.2	7.6	10.7	12.1	14.6	20.6	25.2	49.7	40.4		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'271797
 ISW-AF-1000-LED-E1-T2-7027

REPORT NUMBER: P271797
 CATALOG NUMBER: ISW-AF-10

TION (continued):

CANDELA DISTRIBUTION (con

88°	89°	90°	95°	105°	115°	125°	135°	145°	155°		165°	175°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	731.4	731.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	673.4	662.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	562.7	561.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	493.2	483.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	470.4	469.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	480.2	482.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	493.2	497.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	501.6	510.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	499.4	509.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	474.1	478.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	429.1	430.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	375.0	373.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	336.8	326.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	319.2	313.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	307.0	297.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	318.4	317.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	329.0	327.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	310.7	297.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	277.1	261.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	254.2	245.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	243.6	240.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	240.5	248.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	238.9	247.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	228.3	242.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	220.6	238.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	216.1	236.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	212.3	237.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	206.1	242.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69°	203.1	241.3
										70°	200.1	238.9
										72.5°	189.4	220.6
										75°	176.3	194.8
										77.5°	159.6	167.3
										80°	141.2	145.9
										82.5°	122.9	140.5
										85°	96.2	119.1
										87.5°	71.0	65.7
										90°	40.4	29.7
										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: P271797

CATALOG NUMBER: ISW-AF-1000-LED-E:

000-LED-E1-T2-7027

tinued):

180°
731.4
665.0
556.6
484.1
471.9
481.0
499.4
513.1
511.6
482.5
432.2
379.4
334.3
319.9
301.7
321.4
330.6
300.0
261.0
243.6
238.9
250.4
246.7
243.6
238.9
235.2
234.4
236.0
232.9
229.1
206.1
185.5
167.3
147.3
124.4
93.2
71.0
25.2
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
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

(END OF F

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

