Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1202720

Luminaire Tested: GWC-SB2A-827-U-SLR-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202720
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2A-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5952 lumens
Efficiency:	N/A
Efficacy:	103.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

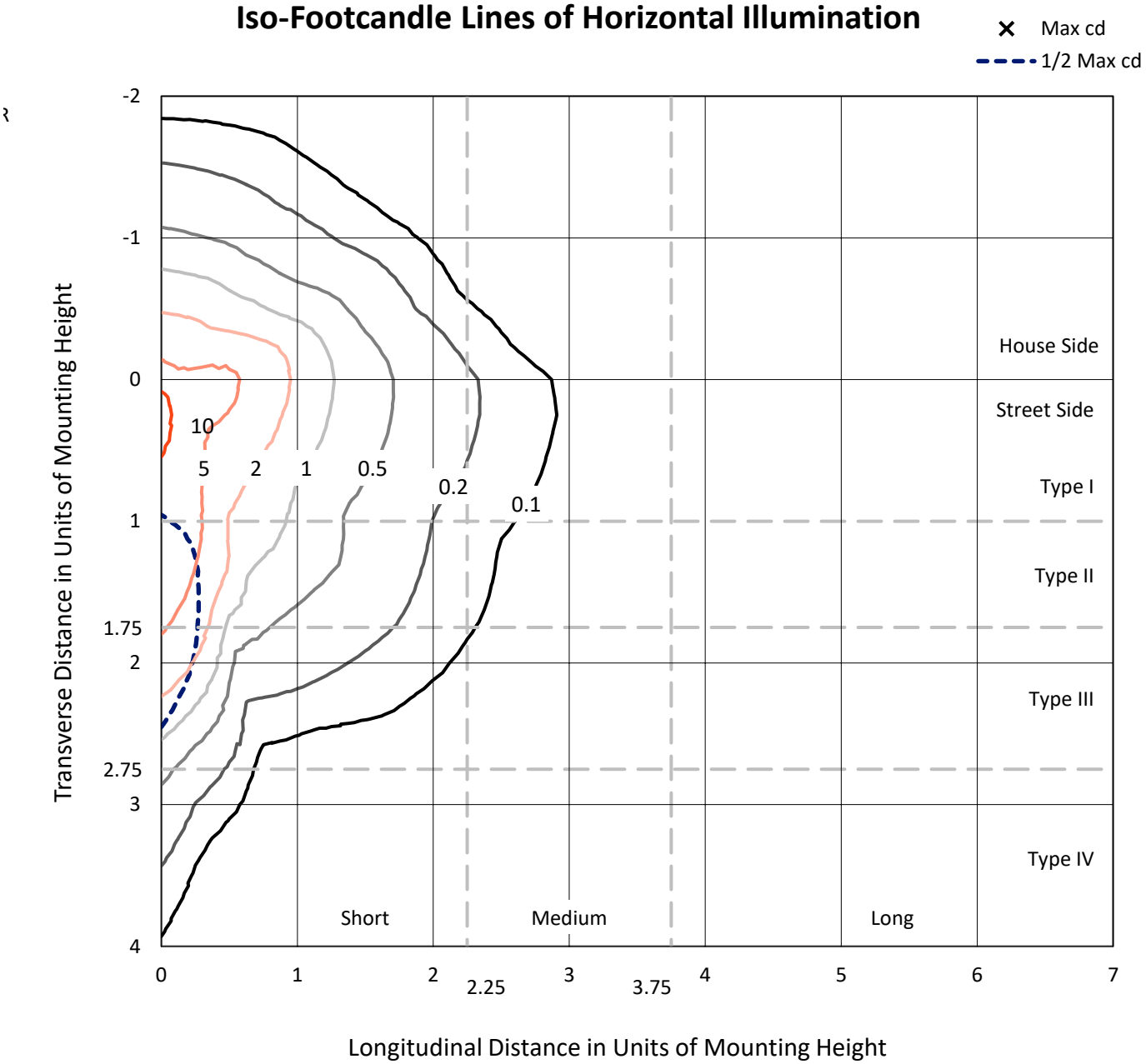


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Iso-Footcandle Lines of Horizontal Illumination



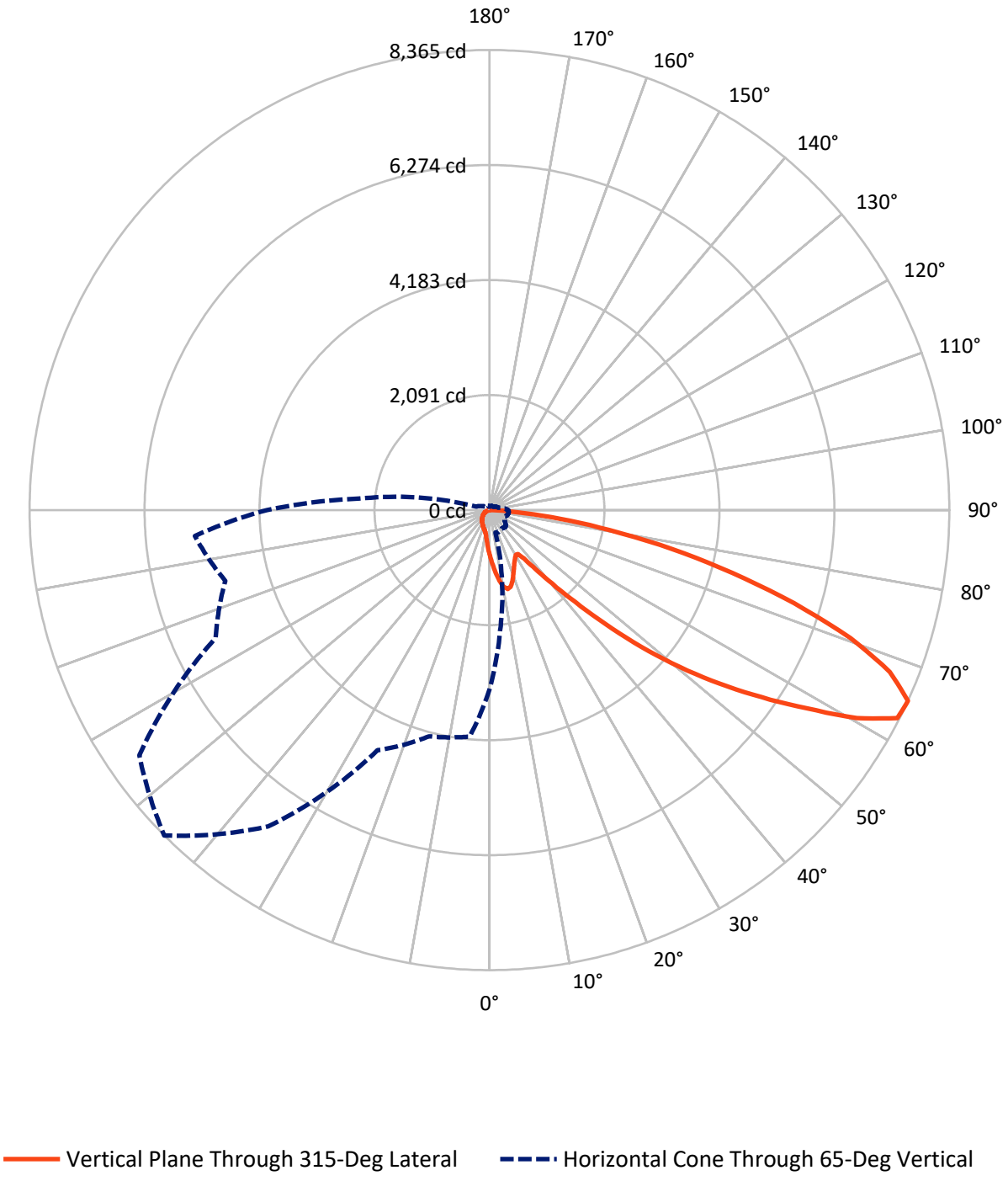
Based on 10 foot mounting height. Maximum calculated value = 11.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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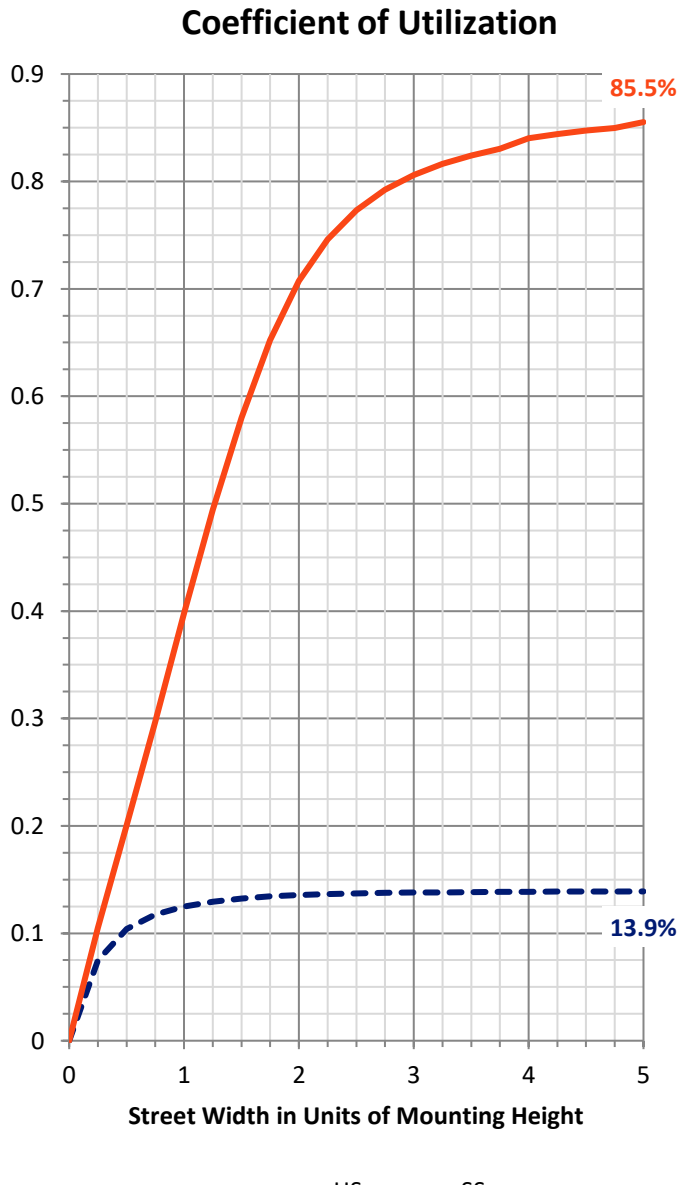
REPORT NUMBER: P1202720
CATALOG NUMBER: GWC-SB2A-827-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	833.5	0.0	833.5
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	5118.5	0.0	5118.5
	% Fixture	86.0	0.0	86.0
Total	Lumens	5952.0	0.0	5952.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	1.4
10°-20°	243.2	4.1
20°-30°	358.3	6.0
30°-40°	460.4	7.7
40°-50°	744.6	12.5
50°-60°	1305.6	21.9
60°-70°	1633.7	27.4
70°-80°	954.7	16.0
80°-90°	170.3	2.9
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°	5952.0	100.0
0°-180°	5952.0	100.0



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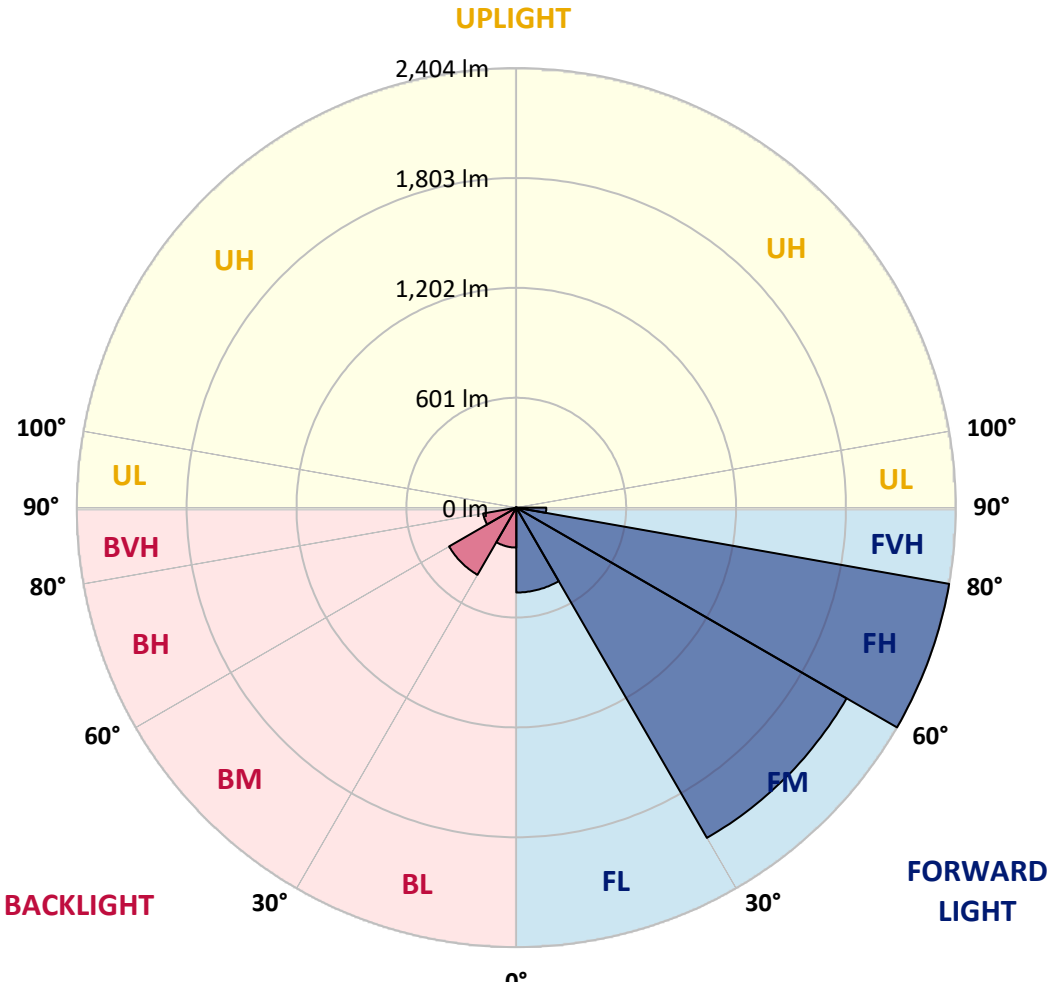
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	464.2	7.8			
FM	(30°-60°)	2086.1	35.0			
FH	(60°-80°)	2404.3	40.4			G2/5000
FVH	(80°-90°)	163.8	2.8			G2/225
BL	(0°-30°)	218.5	3.7	B1/500		
BM	(30°-60°)	424.5	7.1	B1/1000		
BH	(60°-80°)	184.0	3.1	B1/500		G1/500
BVH	(80°-90°)	6.5	0.1			G0/10
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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2
2.5°	931.2	915.2	905.8	882.4	859.0	840.2	814.7	797.9	777.8	758.6	741.3
5°	1037.8	1012.0	980.8	938.2	899.2	859.4	820.9	782.7	742.6	705.7	683.1
7.5°	1128.0	1090.7	1035.7	979.2	929.5	881.6	836.5	786.0	737.2	679.4	648.7
10°	1196.9	1149.3	1077.2	1002.9	945.9	897.6	853.7	811.0	761.8	692.1	653.6
12.5°	1238.7	1187.9	1102.2	1015.2	950.0	895.9	861.9	843.0	823.8	754.5	709.4
15°	1269.5	1214.5	1119.8	1023.8	940.6	874.2	849.2	868.0	890.2	845.9	793.8
17.5°	1301.4	1243.6	1142.8	1027.5	915.2	832.0	821.3	870.1	921.3	919.3	867.6
20°	1331.8	1274.4	1162.8	1025.1	874.2	780.7	790.1	852.5	911.9	936.9	909.0
22.5°	1366.6	1305.9	1182.1	1015.6	820.9	732.7	762.2	824.6	876.6	906.2	897.6
25°	1409.3	1345.7	1209.2	1001.7	763.5	693.0	734.0	792.2	834.4	854.9	854.5
27.5°	1455.2	1393.3	1245.3	994.3	717.1	664.7	702.0	753.6	791.4	805.7	805.7
30°	1512.2	1448.6	1287.9	986.1	686.8	648.3	668.8	708.9	745.8	760.2	760.2
32.5°	1574.5	1510.1	1328.9	966.4	668.3	636.0	636.4	661.8	695.4	712.6	715.1
35°	1652.4	1583.9	1372.8	923.4	653.6	621.6	604.8	617.1	645.0	665.5	670.8
37.5°	1763.5	1680.7	1426.5	861.9	631.9	599.5	571.6	574.5	595.8	618.3	626.5
40°	1916.9	1810.7	1489.6	797.9	600.7	568.3	535.1	533.9	549.4	571.6	580.6
42.5°	2124.4	1982.5	1565.5	736.8	570.8	530.6	496.5	494.5	506.8	526.1	535.5
45°	2398.3	2202.3	1658.6	684.3	547.4	493.7	460.1	459.2	469.5	486.3	496.1
47.5°	2748.8	2507.7	1751.7	648.7	535.1	464.6	430.1	431.8	440.8	456.0	462.9
50°	3202.7	2905.9	1779.9	630.6	535.1	449.0	403.5	411.7	419.1	430.5	434.6
52.5°	3746.9	3288.0	1686.5	614.2	538.4	451.0	380.9	398.5	403.9	413.7	415.4
55°	4251.2	3475.4	1449.9	591.7	539.2	463.7	361.6	387.9	397.7	401.4	401.0
57.5°	4544.0	3411.0	1172.3	553.5	535.9	472.4	349.3	374.8	393.6	396.1	392.4
60°	4488.2	3185.1	863.1	524.4	511.7	469.1	345.7	354.7	384.6	388.3	383.4
62.5°	4058.5	2806.2	599.1	501.9	458.4	454.7	344.4	323.1	364.9	373.9	367.0
65°	*3262.2*	*2209.2*	*423.2*	*432.2*	*401.8*	*423.6*	*337.9*	*290.3*	*341.1*	*353.4*	*342.8*
67.5°	2366.7	1495.0	305.5	350.2	364.1	373.1	323.1	266.5	314.1	330.5	316.5
70°	1518.8	807.4	214.4	231.3	306.7	317.0	297.7	245.2	286.6	305.5	290.3
72.5°	1079.6	476.9	154.2	162.0	246.4	264.1	262.0	221.4	254.6	277.6	259.5
75°	745.0	262.8	104.1	115.6	178.8	214.4	202.1	190.3	215.7	239.0	221.4
77.5°	467.0	117.7	62.3	80.4	117.3	168.5	138.6	147.2	168.1	189.8	171.4
80°	260.0	45.5	34.9	53.3	64.0	122.6	76.7	94.7	123.8	139.4	124.6
82.5°	56.6	5.7	15.6	23.0	25.0	71.3	40.6	54.9	77.9	76.7	66.4
85°	0.0	0.0	2.9	3.3	1.6	30.8	14.8	18.0	25.4	23.8	18.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	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

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2
2.5°	738.1	718.0	703.2	695.8	689.7	695.4	698.7	698.7	712.6	720.8	724.1
5°	668.8	632.7	605.2	586.8	575.7	579.4	583.5	588.0	605.6	617.5	625.3
7.5°	620.8	565.4	523.6	497.8	484.2	486.3	489.2	492.9	510.1	522.0	532.2
10°	611.8	532.2	473.2	439.1	422.7	419.9	418.2	417.0	427.3	436.3	444.5
12.5°	648.7	533.9	451.4	410.0	389.9	381.3	371.5	363.7	365.3	371.1	381.3
15°	714.7	554.8	444.5	394.9	369.8	355.5	344.0	334.6	332.5	334.6	336.2
17.5°	790.1	583.1	443.7	381.7	350.6	335.8	326.4	317.8	314.9	315.3	317.4
20°	840.2	605.6	441.2	367.0	332.1	319.0	310.8	302.2	299.3	300.1	300.6
22.5°	845.1	617.5	437.5	350.6	313.7	302.6	294.4	286.6	286.2	286.2	288.7
25°	818.4	617.5	429.7	335.8	296.0	286.2	278.8	269.4	271.0	271.9	275.1
27.5°	777.0	602.7	415.0	323.9	280.9	270.6	263.2	254.6	256.7	257.9	261.6
30°	736.0	583.9	397.3	310.4	266.5	254.6	249.3	241.9	242.7	244.4	248.5
32.5°	697.9	563.8	376.4	299.3	252.2	240.3	236.2	228.0	229.2	230.8	235.4
35°	660.1	541.7	351.8	286.2	239.0	227.2	223.9	214.4	215.3	217.7	222.6
37.5°	619.6	518.3	331.7	273.1	226.3	214.0	210.8	200.9	201.7	204.6	210.3
40°	576.9	495.3	312.0	259.1	212.8	200.5	197.6	187.0	187.8	191.1	197.2
42.5°	533.9	470.3	296.9	241.1	198.9	185.7	182.9	173.0	174.3	178.0	184.1
45°	494.1	440.4	287.0	221.0	185.7	171.0	168.1	159.1	161.6	165.7	171.8
47.5°	460.1	409.6	282.9	204.2	171.8	155.8	153.4	146.0	150.1	154.6	159.5
50°	430.9	380.1	277.6	187.0	158.7	142.7	140.2	135.3	140.6	145.2	149.7
52.5°	410.0	346.5	266.1	171.4	147.2	131.6	130.8	128.3	133.3	137.4	141.5
55°	392.0	311.6	247.7	157.9	137.0	122.2	123.0	121.8	125.9	129.2	132.8
57.5°	375.6	281.3	224.3	147.2	125.9	114.0	116.4	114.8	116.9	118.9	123.4
60°	355.9	250.5	196.4	135.3	112.8	105.8	108.7	104.1	103.7	104.6	105.8
62.5°	326.8	209.1	167.3	120.5	101.3	96.8	98.0	89.4	82.8	82.8	84.1
65°	*286.2*	*168.1*	*140.2*	*104.1*	*88.2*	*84.5*	*83.6*	*71.3*	*62.3*	*61.5*	*65.2*
67.5°	239.0	138.2	116.4	87.7	73.4	70.9	71.8	62.7	53.7	52.9	57.0
70°	194.8	114.4	93.9	70.1	56.6	59.0	62.7	53.7	45.1	43.9	47.6
72.5°	158.3	91.0	73.4	53.7	41.8	48.8	53.3	43.9	35.7	34.9	38.1
75°	122.2	66.8	52.5	36.5	30.3	37.7	41.8	32.0	25.4	24.2	27.1
77.5°	81.6	41.4	29.5	23.0	18.0	25.8	27.9	16.8	14.8	14.4	16.4
80°	49.6	19.3	12.7	11.1	6.2	9.4	11.1	7.0	7.8	8.2	9.8
82.5°	25.0	5.3	2.1	0.4	0.0	0.0	3.3	1.6	3.3	4.1	6.2
85°	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.1	3.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2	824.2
2.5°	747.1	764.3	780.7	806.9	834.0	860.7	887.7	914.0	923.4	930.4	945.9
5°	661.0	693.4	731.1	783.2	838.9	896.3	954.6	1007.9	1032.0	1048.4	1085.4
7.5°	572.0	614.2	668.3	746.7	834.0	925.4	1016.9	1100.9	1139.9	1171.5	1227.6
10°	483.8	529.8	598.2	687.6	805.7	936.9	1063.2	1178.8	1229.3	1269.0	1345.3
12.5°	406.3	449.4	521.1	620.0	761.4	927.9	1089.9	1228.9	1288.3	1333.0	1416.7
15°	351.8	382.1	445.7	552.3	708.9	898.8	1091.5	1252.6	1317.8	1364.6	1437.2
17.5°	321.5	331.7	373.1	483.4	650.7	860.7	1076.3	1260.8	1330.5	1374.0	1424.4
20°	305.1	306.7	318.2	394.0	576.1	825.0	1062.0	1269.0	1342.4	1378.9	1394.1
22.5°	291.9	291.9	294.8	322.3	479.7	782.3	1057.5	1283.4	1358.8	1381.4	1350.2
25°	280.1	280.1	280.9	288.3	380.1	717.1	1054.6	1305.5	1381.4	1387.5	1301.8
27.5°	267.7	268.2	268.2	272.3	306.3	628.6	1042.3	1334.2	1408.5	1395.7	1255.5
30°	255.4	256.3	256.3	259.1	271.0	524.8	1018.1	1368.7	1443.7	1406.4	1209.6
32.5°	243.1	244.0	244.0	246.4	255.0	419.1	987.8	1400.3	1479.4	1410.9	1166.9
35°	230.4	231.7	230.8	234.1	243.1	333.4	949.2	1431.8	1517.9	1425.3	1146.0
37.5°	217.7	218.5	218.1	221.4	231.7	287.8	904.5	1455.6	1570.4	1457.2	1171.0
40°	205.0	204.6	204.6	208.3	219.4	274.7	848.4	1493.3	1645.9	1513.4	1280.1
42.5°	191.9	191.9	191.1	195.2	208.7	264.9	794.6	1561.0	1755.8	1602.8	1473.7
45°	180.0	179.6	178.0	181.6	198.5	247.7	775.8	1687.3	1918.1	1747.6	1707.8
47.5°	168.5	168.1	164.0	167.3	186.2	232.1	846.3	1893.9	2143.2	1960.4	1927.1
50°	158.3	158.7	150.9	153.8	173.9	220.2	999.2	2162.1	2442.1	2247.0	2135.0
52.5°	148.8	148.8	138.6	140.2	158.7	209.5	1144.8	2452.8	2836.6	2646.7	2377.4
55°	139.4	138.6	127.1	127.9	143.5	194.4	1166.5	2736.5	3374.6	3248.3	2708.7
57.5°	128.7	127.1	116.4	116.4	129.6	183.3	1011.1	2954.7	4042.1	4132.3	3186.3
60°	115.6	114.4	107.4	105.4	118.5	193.1	713.5	2980.1	4472.6	5307.8	4101.1
62.5°	98.8	100.5	96.8	93.9	107.8	200.5	422.7	2775.5	4368.5	5681.8	5196.7
65°	*77.9*	*84.5*	*83.6*	*81.6*	*118.5*	*168.9*	*249.7*	*2382.7*	*4049.1*	*5380.0*	*4973.3*
67.5°	66.4	70.9	69.7	69.7	124.2	128.3	157.0	1861.5	3609.5	5022.1	4442.3
70°	56.6	61.1	56.6	56.6	93.9	77.9	108.7	1299.8	3135.1	4626.0	4093.7
72.5°	46.7	51.3	46.3	43.1	75.0	58.2	79.5	812.3	2684.9	4213.5	3855.1
75°	35.7	41.0	37.3	33.2	49.6	43.5	60.3	471.9	2224.4	3605.0	3515.2
77.5°	22.6	29.5	27.9	23.4	36.5	31.6	43.5	280.9	1716.4	2816.9	3023.6
80°	13.9	15.2	15.6	14.8	20.9	21.3	29.5	159.9	1174.7	1963.2	2362.2
82.5°	9.0	9.0	7.0	7.8	10.3	12.3	16.8	60.3	690.5	1195.2	1644.2
85°	6.6	5.7	3.7	3.7	4.9	6.2	6.6	18.5	280.1	471.9	642.9
87.5°	3.3	2.9	1.2	1.6	2.5	2.1	1.6	0.8	70.5	150.9	105.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1202720
CATALOG NUMBER: GWC-SB2A-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	824.2	824.2	*824.2*	824.2	824.2	824.2	824.2	824.2
2.5°	954.1	966.9	*967.7*	967.7	956.6	956.2	933.6	931.2
5°	1123.5	1131.7	*1133.7*	1129.6	1107.5	1091.1	1047.2	1037.8
7.5°	1278.5	1294.9	*1294.9*	1285.0	1249.0	1215.3	1151.8	1128.0
10°	1402.3	1421.2	*1417.1*	1397.0	1351.5	1305.1	1228.0	1196.9
12.5°	1462.6	1481.9	*1471.2*	1448.2	1403.9	1355.2	1274.0	1238.7
15°	1461.3	1456.0	*1444.9*	1442.1	1420.8	1383.9	1308.0	1269.5
17.5°	1409.3	1364.2	*1355.6*	1384.3	1411.3	1402.3	1337.5	1301.4
20°	1326.9	1248.1	*1240.3*	1295.3	1372.4	1411.7	1365.0	1331.8
22.5°	1239.9	1155.1	*1137.0*	1197.7	1313.7	1414.6	1399.8	1366.6
25°	1157.5	1072.2	*1054.2*	1110.8	1248.5	1409.7	1437.6	1409.3
27.5°	1088.6	1006.2	*989.4*	1046.0	1185.8	1395.7	1475.3	1455.2
30°	1035.3	959.1	*946.8*	1001.3	1131.7	1378.5	1523.3	1512.2
32.5°	1004.2	948.4	*952.9*	997.6	1102.6	1359.7	1569.2	1574.5
35°	1034.9	1037.4	*1076.7*	1095.2	1129.6	1356.8	1631.5	1652.4
37.5°	1187.9	1273.1	*1354.7*	1339.6	1262.1	1390.0	1724.6	1763.5
40°	1448.2	1623.3	*1755.8*	1697.9	1502.8	1491.7	1858.7	1916.9
42.5°	1766.4	2063.3	*2281.4*	2126.4	1813.2	1669.6	2050.2	2124.4
45°	2102.2	2605.7	*2949.4*	2627.1	2144.1	1918.9	2340.0	2398.3
47.5°	2456.1	3265.1	*3709.5*	3182.2	2450.8	2202.7	2735.3	2748.8
50°	2843.2	3988.0	*4484.5*	3737.0	2746.8	2527.8	3218.3	3202.7
52.5°	3211.8	4731.3	*5243.1*	4294.3	3006.8	2931.3	3778.8	3746.9
55°	3563.6	5474.3	*6006.1*	4829.8	3252.0	3464.3	4444.7	4251.2
57.5°	3971.6	6142.3	*6792.6*	5367.7	3594.7	4156.5	5189.3	4544.0
60°	4574.7	6901.2	*7681.9*	6104.9	4246.7	4883.9	5456.3	4488.2
62.5°	5344.7	7599.1	*8328.5*	6827.4	4901.5	5020.8	5063.1	4058.5
65°	*5494.4*	*7775.8*	*8365.0*	*7020.5*	*4817.0*	*4259.0*	*4133.5*	*3262.2*
67.5°	5097.5	7456.4	*7855.0*	6660.9	4261.0	3291.3	3101.9	2366.7
70°	4652.2	6847.5	*6966.0*	6049.6	3747.7	2420.8	2094.8	1518.8
72.5°	4195.8	6035.2	*5790.0*	5253.7	3293.8	1762.7	1511.0	1079.6
75°	3653.8	4967.1	*4560.8*	4365.2	2727.1	1383.4	1093.1	745.0
77.5°	2926.0	3496.3	*3387.7*	3383.6	2049.3	1010.7	729.4	467.0
80°	2064.1	2269.1	*2213.8*	2548.3	1374.8	733.1	439.1	260.0
82.5°	999.2	1254.7	*1287.9*	1517.5	668.8	431.4	101.3	56.6
85°	391.2	605.2	*510.5*	576.1	187.8	120.1	2.5	0.0
87.5°	43.9	70.1	*64.4*	50.8	23.0	4.9	0.0	0.0
90°	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0


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(END OF REPORT)