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: P1201223

Luminaire Tested: GWC-SB1A-827-U-SLL

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201223
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-827-U-SLL
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3907 lumens
Efficiency:	N/A
Efficacy:	126.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

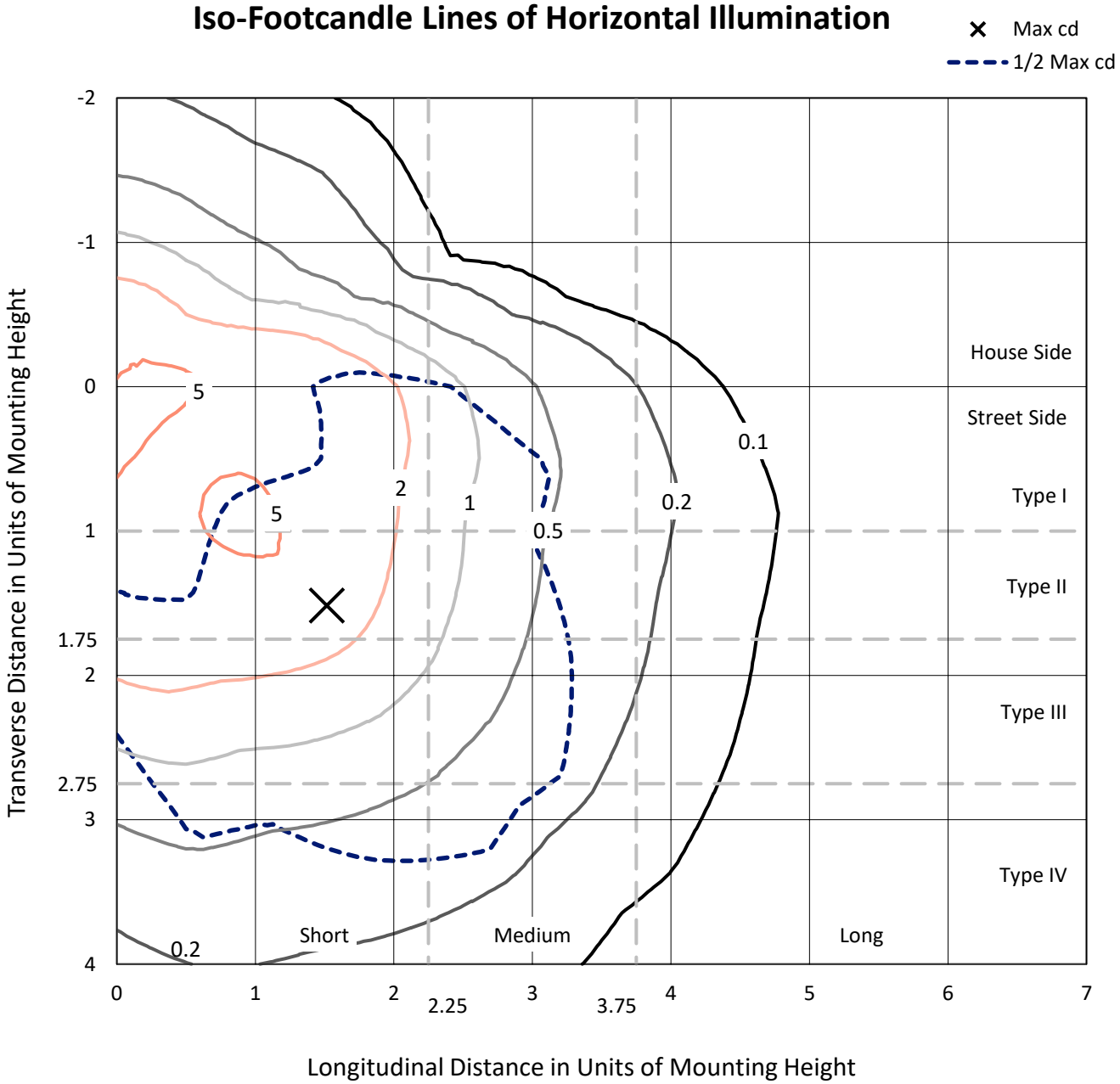


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Iso-Footcandle Lines of Horizontal Illumination



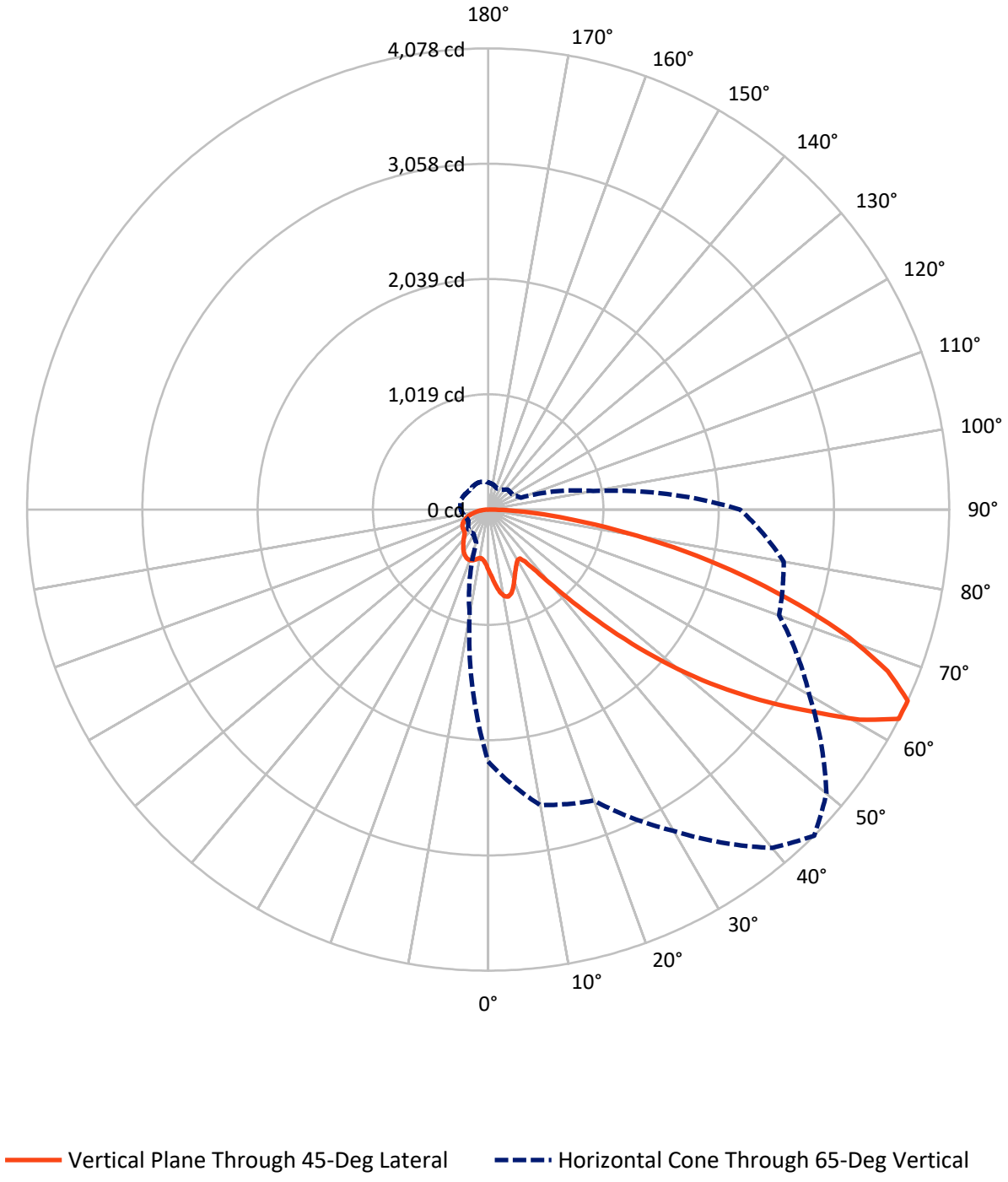
Based on 10 foot mounting height. Maximum calculated value = 7.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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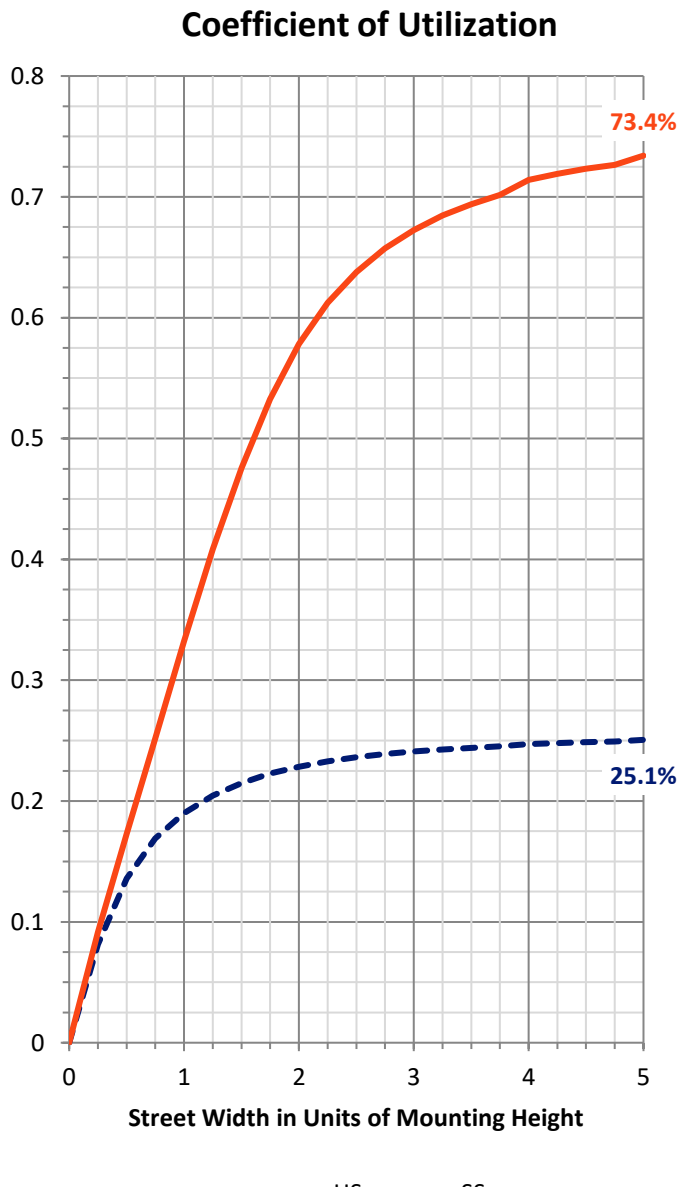
REPORT NUMBER: P1201223
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	993.0	0.0	993.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2914.0	0.0	2914.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	3907.0	0.0	3907.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	1.4
10°-20°	167.3	4.3
20°-30°	258.4	6.6
30°-40°	327.5	8.4
40°-50°	493.9	12.6
50°-60°	798.0	20.4
60°-70°	994.9	25.5
70°-80°	652.4	16.7
80°-90°	161.3	4.1
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°	3907.0	100.0
0°-180°	3907.0	100.0



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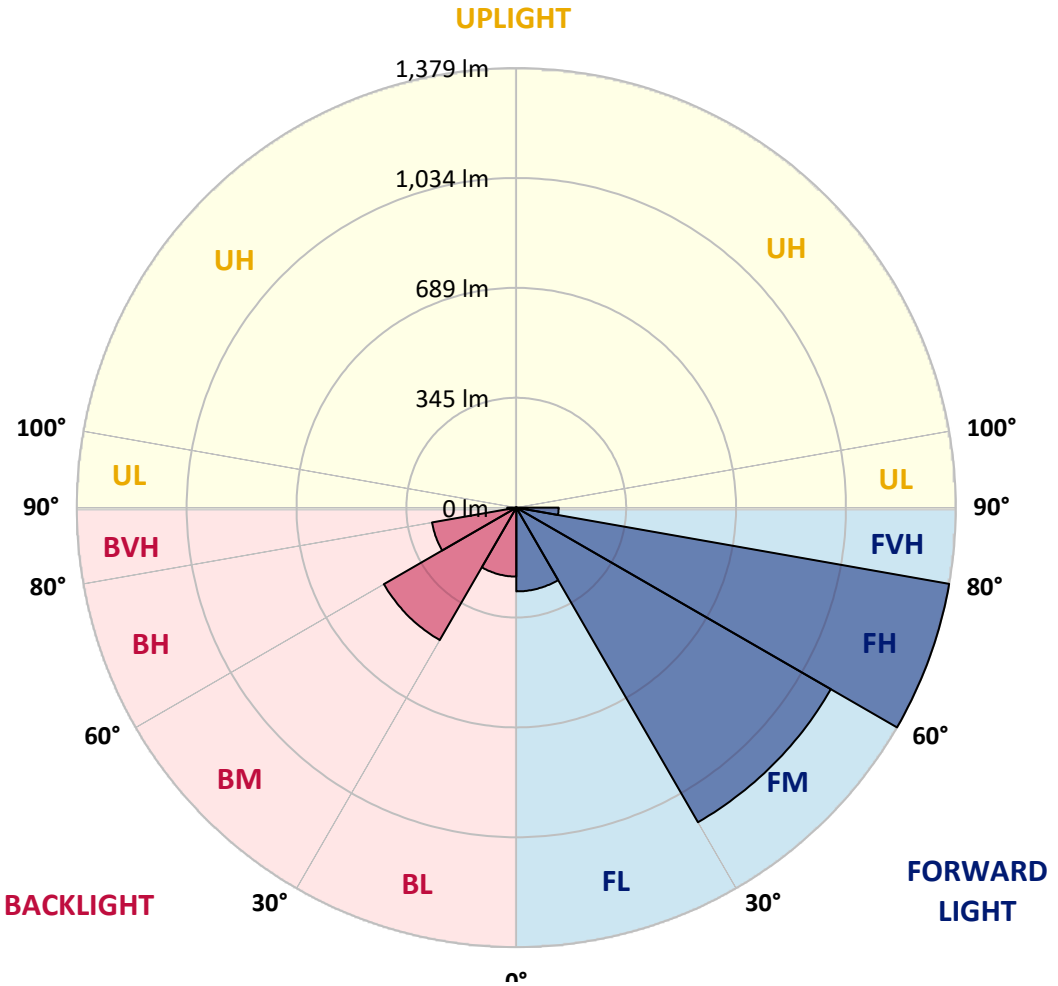
Scaled Data Report

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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°)	262.8	6.7			
FM	(30°-60°)	1139.6	29.2			
FH	(60°-80°)	1378.8	35.3			G1/1800
FVH	(80°-90°)	132.9	3.4			G2/225
BL	(0°-30°)	216.2	5.5	B1/500		
BM	(30°-60°)	479.9	12.3	B1/1000		
BH	(60°-80°)	268.5	6.9	B1/500		G1/500
BVH	(80°-90°)	28.4	0.7			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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	*537.2*	537.2
2.5°	577.8	579.9	582.1	585.3	588.4	590.2	592.1	593.0	593.9	*593.5*	593.9
5°	621.3	628.9	636.6	644.2	651.8	655.9	660.0	662.5	665.0	*666.9*	665.0
7.5°	665.0	677.4	689.8	701.0	712.2	719.0	725.7	729.4	733.0	*734.7*	733.0
10°	698.5	713.2	727.9	741.0	754.2	762.1	770.0	773.6	777.1	*778.5*	777.1
12.5°	719.0	734.9	750.9	762.7	774.6	780.3	786.1	788.1	790.0	*790.2*	790.0
15°	731.4	745.2	759.0	766.4	773.9	774.1	774.3	772.2	770.2	*767.7*	770.2
17.5°	738.5	747.8	757.1	757.2	757.3	749.0	740.6	733.0	725.3	*719.9*	725.3
20°	746.2	749.4	752.7	742.9	733.1	714.7	696.2	682.8	669.4	*661.1*	669.4
22.5°	755.2	750.9	746.7	726.4	706.1	679.0	651.9	635.1	618.3	*609.2*	618.3
25°	766.7	753.3	739.9	709.1	678.3	645.4	612.5	594.8	577.2	*568.6*	577.2
27.5°	782.4	758.4	734.4	693.6	652.9	616.4	579.9	562.5	545.2	*537.0*	545.2
30°	803.5	767.8	732.1	681.8	631.6	593.6	555.6	539.5	523.4	*515.8*	523.4
32.5°	828.4	779.5	730.6	673.8	617.0	581.3	545.5	532.9	520.2	*514.8*	520.2
35°	858.7	798.9	739.0	679.8	620.6	595.8	571.0	568.1	565.1	*564.7*	565.1
37.5°	909.8	839.3	768.9	715.1	661.3	659.7	658.1	671.6	685.1	*692.1*	685.1
40°	986.9	910.3	833.7	793.7	753.7	781.9	810.2	842.9	875.7	*892.0*	875.7
42.5°	1089.1	1013.1	937.2	914.1	891.1	952.7	1014.3	1073.9	1133.5	*1168.5*	1133.5
45°	1215.4	1147.1	1078.9	1068.7	1058.5	1157.2	1255.9	1353.9	1451.9	*1511.3*	1451.9
47.5°	1373.3	1306.9	1240.5	1238.4	1236.4	1378.7	1521.1	1664.5	1807.9	*1892.1*	1807.9
50°	1580.3	1498.3	1416.3	1416.6	1417.0	1600.4	1783.9	1973.2	2162.5	*2277.0*	2162.5
52.5°	1817.9	1718.6	1619.3	1609.2	1599.2	1818.3	2037.5	2271.7	2505.9	*2643.1*	2505.9
55°	2070.9	1972.7	1874.6	1835.4	1796.3	2040.2	2284.1	2563.4	2842.6	*3005.8*	2842.6
57.5°	2300.9	2247.5	2194.0	2115.5	2037.0	2283.3	2529.6	2845.9	3162.1	*3364.5*	3162.1
60°	2440.0	2523.0	2606.0	2508.5	2411.0	2644.1	2877.1	3215.8	3554.4	*3773.1*	3554.4
62.5°	2369.4	2596.2	2823.0	2812.0	2801.0	3014.5	3228.0	3550.2	3872.4	*4074.5*	3872.4
65°	*2228.0*	*2440.9*	*2653.8*	*2695.9*	*2738.0*	*3009.3*	*3280.7*	*3593.1*	*3905.5*	*4077.6*	*3905.5*
67.5°	2038.7	2241.1	2443.6	2463.3	2483.1	2765.8	3048.5	3362.2	3676.0	*3810.8*	3676.0
70°	1811.2	2031.4	2251.6	2260.4	2269.3	2522.1	2774.9	3044.9	3314.9	*3389.8*	3314.9
72.5°	1540.1	1792.8	2045.5	2051.8	2058.2	2256.0	2453.8	2656.0	2858.2	*2865.8*	2858.2
75°	1197.2	1458.7	1720.2	1743.7	1767.2	1921.1	2075.0	2217.3	2359.7	*2321.5*	2359.7
77.5°	855.3	1099.5	1343.6	1377.2	1410.8	1527.8	1644.8	1745.8	1846.8	*1781.2*	1846.8
80°	559.8	765.2	970.6	1012.4	1054.1	1142.5	1230.8	1283.8	1336.8	*1231.4*	1336.8
82.5°	325.4	465.8	606.3	652.9	699.6	760.4	821.2	843.3	865.4	*782.6*	865.4
85°	143.2	217.7	292.2	331.9	371.6	421.6	471.5	484.1	496.6	*430.3*	496.6
87.5°	44.3	69.4	94.4	116.6	138.7	163.7	188.7	189.7	190.8	*160.2*	190.8
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	593.0	592.1	590.2	588.4	585.3	582.1	579.9	577.8	573.3	568.9	564.2
5°	662.5	660.0	655.9	651.8	644.2	636.6	628.9	621.3	611.5	601.7	591.9
7.5°	729.4	725.7	719.0	712.2	701.0	689.8	677.4	665.0	648.8	632.7	617.7
10°	773.6	770.0	762.1	754.2	741.0	727.9	713.2	698.5	678.0	657.6	637.9
12.5°	788.1	786.1	780.3	774.6	762.7	750.9	734.9	719.0	696.5	674.1	651.7
15°	772.2	774.3	774.1	773.9	766.4	759.0	745.2	731.4	708.0	684.6	660.4
17.5°	733.0	740.6	749.0	757.3	757.2	757.1	747.8	738.5	714.7	691.0	664.5
20°	682.8	696.2	714.7	733.1	742.9	752.7	749.4	746.2	721.5	696.9	667.8
22.5°	635.1	651.9	679.0	706.1	726.4	746.7	750.9	755.2	730.0	704.7	672.2
25°	594.8	612.5	645.4	678.3	709.1	739.9	753.3	766.7	742.0	717.3	680.1
27.5°	562.5	579.9	616.4	652.9	693.6	734.4	758.4	782.4	758.8	735.3	692.4
30°	539.5	555.6	593.6	631.6	681.8	732.1	767.8	803.5	780.7	758.0	708.5
32.5°	532.9	545.5	581.3	617.0	673.8	730.6	779.5	828.4	805.9	783.4	725.2
35°	568.1	571.0	595.8	620.6	679.8	739.0	798.9	858.7	837.2	815.6	744.2
37.5°	671.6	658.1	659.7	661.3	715.1	768.9	839.3	909.8	882.3	854.8	765.6
40°	842.9	810.2	781.9	753.7	793.7	833.7	910.3	986.9	946.8	906.7	792.7
42.5°	1073.9	1014.3	952.7	891.1	914.1	937.2	1013.1	1089.1	1031.3	973.4	828.1
45°	1353.9	1255.9	1157.2	1058.5	1068.7	1078.9	1147.1	1215.4	1137.4	1059.3	874.7
47.5°	1664.5	1521.1	1378.7	1236.4	1238.4	1240.5	1306.9	1373.3	1263.5	1153.7	924.4
50°	1973.2	1783.9	1600.4	1417.0	1416.6	1416.3	1498.3	1580.3	1414.7	1249.1	970.5
52.5°	2271.7	2037.5	1818.3	1599.2	1609.2	1619.3	1718.6	1817.9	1573.6	1329.3	1000.4
55°	2563.4	2284.1	2040.2	1796.3	1835.4	1874.6	1972.7	2070.9	1714.4	1358.1	993.8
57.5°	2845.9	2529.6	2283.3	2037.0	2115.5	2194.0	2247.5	2300.9	1814.3	1327.6	947.4
60°	3215.8	2877.1	2644.1	2411.0	2508.5	2606.0	2523.0	2440.0	1839.2	1238.4	861.0
62.5°	3550.2	3228.0	3014.5	2801.0	2812.0	2823.0	2596.2	2369.4	1734.2	1099.0	744.2
65°	*3593.1*	*3280.7*	*3009.3*	*2738.0*	*2695.9*	*2653.8*	*2440.9*	*2228.0*	*1585.6*	*943.1*	*625.0*
67.5°	3362.2	3048.5	2765.8	2483.1	2463.3	2443.6	2241.1	2038.7	1408.7	778.7	508.2
70°	3044.9	2774.9	2522.1	2269.3	2260.4	2251.6	2031.4	1811.2	1215.7	620.2	400.2
72.5°	2656.0	2453.8	2256.0	2058.2	2051.8	2045.5	1792.8	1540.1	1006.5	472.9	305.9
75°	2217.3	2075.0	1921.1	1767.2	1743.7	1720.2	1458.7	1197.2	766.7	336.2	222.0
77.5°	1745.8	1644.8	1527.8	1410.8	1377.2	1343.6	1099.5	855.3	536.6	217.9	150.5
80°	1283.8	1230.8	1142.5	1054.1	1012.4	970.6	765.2	559.8	345.7	131.6	96.9
82.5°	843.3	821.2	760.4	699.6	652.9	606.3	465.8	325.4	200.1	74.8	59.6
85°	484.1	471.5	421.6	371.6	331.9	292.2	217.7	143.2	90.0	36.9	31.9
87.5°	189.7	188.7	163.7	138.7	116.6	94.4	69.4	44.3	29.5	14.6	13.2
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	559.5	554.7	550.0	545.5	540.9	536.5	531.6	527.7	523.7	520.2	516.6
5°	582.1	572.3	562.5	553.3	544.2	535.5	526.9	519.5	512.0	505.7	499.5
7.5°	602.8	588.3	573.7	560.9	548.1	536.3	525.2	515.3	505.4	497.1	488.9
10°	618.2	600.5	582.8	567.7	552.5	538.0	526.1	515.6	505.1	496.9	488.6
12.5°	629.4	608.6	587.8	570.6	553.5	538.2	527.1	518.5	510.0	504.5	499.1
15°	636.2	612.2	588.2	568.4	548.5	531.6	522.7	518.6	514.5	515.3	516.0
17.5°	638.1	610.3	582.4	558.6	534.7	514.8	509.3	510.8	512.3	521.3	530.3
20°	638.7	605.0	571.3	541.7	512.1	488.9	487.5	494.5	501.5	517.1	532.7
22.5°	639.5	598.5	557.5	521.9	486.3	459.8	462.7	473.0	483.4	501.2	519.1
25°	642.8	592.1	541.5	499.8	458.1	431.0	438.6	450.6	462.5	478.5	494.6
27.5°	649.6	587.9	526.1	479.5	433.0	408.3	417.6	429.1	440.7	453.8	467.0
30°	658.9	585.9	512.8	462.6	412.5	391.8	399.1	408.2	417.4	428.4	439.3
32.5°	667.0	583.4	499.8	448.1	396.3	379.6	382.9	388.3	393.7	402.4	411.2
35°	672.9	578.7	484.6	433.7	382.8	368.9	367.6	369.1	370.6	377.2	383.9
37.5°	676.4	570.7	465.1	416.9	368.6	356.4	351.5	349.9	348.2	353.0	357.8
40°	678.6	559.8	441.0	396.7	352.5	341.5	334.0	330.2	326.5	330.0	333.4
42.5°	682.8	548.4	414.1	374.5	335.0	324.8	315.3	310.4	305.4	308.2	311.1
45°	690.1	537.9	385.7	351.0	316.2	305.9	296.8	291.9	287.1	289.5	291.9
47.5°	695.2	529.2	363.2	332.3	301.4	288.1	280.2	276.2	272.1	274.4	276.6
50°	691.9	519.7	347.5	319.9	292.3	274.8	265.6	262.0	258.5	261.9	265.4
52.5°	671.6	503.7	335.8	311.8	287.7	267.6	254.8	251.2	247.7	252.9	258.1
55°	629.6	477.1	324.7	305.8	287.0	268.3	249.0	243.4	237.8	245.2	252.6
57.5°	567.2	439.7	312.1	298.8	285.5	269.0	245.5	237.4	229.2	237.2	245.1
60°	483.6	391.1	298.6	288.1	277.7	266.8	242.3	231.7	221.1	228.1	235.1
62.5°	389.4	332.9	276.4	269.5	262.5	261.2	238.5	225.2	212.0	216.5	220.9
65°	*306.9*	*280.6*	*254.2*	*250.9*	*247.6*	*247.8*	*230.5*	*216.4*	*202.3*	*204.1*	*205.7*
67.5°	237.7	230.3	222.8	224.6	226.4	225.9	216.2	204.5	192.8	192.3	191.7
70°	180.1	182.2	184.3	192.8	201.3	201.3	198.1	189.8	181.5	179.6	177.7
72.5°	138.9	145.4	151.8	163.9	175.9	177.9	178.0	172.2	166.5	163.8	161.1
75°	107.9	113.7	119.6	133.1	146.5	155.9	155.1	150.7	146.3	143.7	141.1
77.5°	83.0	87.0	91.0	104.1	117.2	132.6	132.1	128.6	125.1	122.5	119.8
80°	62.3	63.9	65.6	76.6	87.7	106.1	106.0	103.1	100.1	97.9	95.7
82.5°	44.5	44.8	45.1	53.3	61.4	77.1	78.0	76.5	75.1	73.5	71.9
85°	26.9	26.8	26.6	32.6	38.6	50.2	51.3	49.8	48.2	46.5	44.7
87.5°	11.8	11.6	11.5	13.9	16.4	21.2	22.7	22.1	21.4	21.1	20.8
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: P1201223
CATALOG NUMBER: GWC-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	513.5	510.4	507.3	504.2	501.7	499.3	497.4	495.4	493.9	492.3	490.9
5°	494.0	488.4	483.4	478.4	474.5	470.7	468.0	465.3	463.3	461.4	460.0
7.5°	482.0	475.0	468.8	462.7	458.1	453.5	450.3	447.1	444.9	442.7	441.4
10°	481.2	473.6	466.7	459.8	454.4	448.8	445.3	441.6	439.5	437.5	436.4
12.5°	493.2	487.3	480.2	473.0	466.0	459.0	454.4	449.7	447.4	445.1	444.1
15°	514.5	513.0	506.8	500.6	490.6	480.6	473.5	466.5	463.3	460.0	458.8
17.5°	535.1	539.8	534.8	529.8	516.6	503.4	493.0	482.6	477.8	473.0	471.5
20°	542.7	552.7	550.4	548.1	533.0	517.9	505.1	492.4	486.3	480.1	478.2
22.5°	532.1	545.1	546.5	547.9	533.4	519.0	505.9	492.8	486.3	479.8	477.7
25°	507.4	520.2	525.0	529.7	517.9	506.1	494.4	482.8	477.2	471.6	469.5
27.5°	477.3	487.5	492.8	498.2	489.7	481.3	472.3	463.2	459.5	455.7	454.8
30°	447.8	456.3	460.7	465.0	458.6	452.1	445.7	439.2	437.2	435.3	435.3
32.5°	419.3	427.5	432.3	437.2	431.3	425.3	420.2	415.0	413.7	412.5	412.6
35°	391.9	400.0	405.8	411.6	407.4	403.2	398.4	393.7	391.7	389.8	389.4
37.5°	365.8	373.9	381.1	388.2	386.3	384.3	379.9	375.5	372.0	368.6	366.7
40°	341.2	349.0	357.2	365.4	365.9	366.3	362.6	358.9	353.8	348.8	345.4
42.5°	318.4	325.8	334.7	343.6	345.9	348.3	345.1	342.0	335.7	329.4	324.5
45°	298.9	305.9	315.1	324.3	327.7	331.1	328.2	325.4	318.2	311.1	305.2
47.5°	283.4	290.3	299.3	308.4	312.3	316.2	314.3	312.3	305.9	299.5	294.1
50°	271.9	278.4	286.5	294.6	299.6	304.7	304.5	304.5	299.3	294.2	289.2
52.5°	264.0	270.0	277.5	285.1	291.1	297.0	298.1	299.2	295.0	290.8	286.4
55°	259.0	265.4	272.0	278.6	284.9	291.3	292.7	294.2	290.6	287.0	283.1
57.5°	252.6	260.1	266.7	273.3	279.6	286.0	287.5	289.0	285.3	281.7	277.8
60°	243.7	252.3	259.0	265.6	272.0	278.4	280.1	281.7	278.1	274.6	270.6
62.5°	230.9	241.0	248.1	255.2	261.1	266.9	268.5	270.1	266.9	263.6	259.4
65°	*216.5*	*227.3*	*234.1*	*240.9*	*246.0*	*251.2*	*252.8*	*254.4*	*251.3*	*248.2*	*244.1*
67.5°	201.7	211.6	218.1	224.5	229.0	233.4	235.0	236.6	233.7	230.9	227.1
70°	186.5	195.2	200.8	206.4	210.4	214.4	215.9	217.5	215.1	212.8	209.2
72.5°	168.0	174.9	179.9	184.9	188.9	192.8	194.6	196.4	194.5	192.6	189.1
75°	146.2	151.3	155.8	160.4	164.0	167.6	169.5	171.4	170.4	169.5	166.6
77.5°	124.0	128.1	132.0	136.0	139.7	143.5	145.3	147.0	145.7	144.4	141.4
80°	99.1	102.6	105.9	109.2	112.0	114.9	117.2	119.6	119.0	118.4	114.5
82.5°	71.7	71.4	70.2	69.1	75.2	81.3	85.3	89.3	89.0	88.8	85.4
85°	43.3	41.7	38.6	35.4	41.1	46.8	51.7	56.7	56.3	55.9	53.3
87.5°	20.7	20.7	18.2	15.8	18.2	20.6	22.6	24.6	24.1	23.5	22.2
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: P1201223
CATALOG NUMBER: GWC-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	489.5	487.8	489.5	490.9	492.3	493.9	495.4	497.4	499.3	501.7	504.2
5°	458.5	457.1	458.5	460.0	461.4	463.3	465.3	468.0	470.7	474.5	478.4
7.5°	440.1	439.1	440.1	441.4	442.7	444.9	447.1	450.3	453.5	458.1	462.7
10°	435.2	434.8	435.2	436.4	437.5	439.5	441.6	445.3	448.8	454.4	459.8
12.5°	443.2	443.0	443.2	444.1	445.1	447.4	449.7	454.4	459.0	466.0	473.0
15°	457.6	457.5	457.6	458.8	460.0	463.3	466.5	473.5	480.6	490.6	500.6
17.5°	469.9	469.6	469.9	471.5	473.0	477.8	482.6	493.0	503.4	516.6	529.8
20°	476.2	475.6	476.2	478.2	480.1	486.3	492.4	505.1	517.9	533.0	548.1
22.5°	475.5	474.6	475.5	477.7	479.8	486.3	492.8	505.9	519.0	533.4	547.9
25°	467.5	466.3	467.5	469.5	471.6	477.2	482.8	494.4	506.1	517.9	529.7
27.5°	453.9	453.5	453.9	454.8	455.7	459.5	463.2	472.3	481.3	489.7	498.2
30°	435.3	435.6	435.3	435.3	435.3	437.2	439.2	445.7	452.1	458.6	465.0
32.5°	412.8	413.1	412.8	412.6	412.5	413.7	415.0	420.2	425.3	431.3	437.2
35°	389.0	388.8	389.0	389.4	389.8	391.7	393.7	398.4	403.2	407.4	411.6
37.5°	364.9	363.9	364.9	366.7	368.6	372.0	375.5	379.9	384.3	386.3	388.2
40°	342.0	340.0	342.0	345.4	348.8	353.8	358.9	362.6	366.3	365.9	365.4
42.5°	319.5	316.2	319.5	324.5	329.4	335.7	342.0	345.1	348.3	345.9	343.6
45°	299.4	295.6	299.4	305.2	311.1	318.2	325.4	328.2	331.1	327.7	324.3
47.5°	288.7	285.1	288.7	294.1	299.5	305.9	312.3	314.3	316.2	312.3	308.4
50°	284.2	280.8	284.2	289.2	294.2	299.3	304.5	304.5	304.7	299.6	294.6
52.5°	281.9	278.7	281.9	286.4	290.8	295.0	299.2	298.1	297.0	291.1	285.1
55°	279.1	276.3	279.1	283.1	287.0	290.6	294.2	292.7	291.3	284.9	278.6
57.5°	273.9	270.9	273.9	277.8	281.7	285.3	289.0	287.5	286.0	279.6	273.3
60°	266.6	263.5	266.6	270.6	274.6	278.1	281.7	280.1	278.4	272.0	265.6
62.5°	255.2	251.5	255.2	259.4	263.6	266.9	270.1	268.5	266.9	261.1	255.2
65°	*240.1*	*236.9*	*240.1*	*244.1*	*248.2*	*251.3*	*254.4*	*252.8*	*251.2*	*246.0*	*240.9*
67.5°	223.3	220.4	223.3	227.1	230.9	233.7	236.6	235.0	233.4	229.0	224.5
70°	205.5	202.2	205.5	209.2	212.8	215.1	217.5	215.9	214.4	210.4	206.4
72.5°	185.6	182.4	185.6	189.1	192.6	194.5	196.4	194.6	192.8	188.9	184.9
75°	163.6	160.6	163.6	166.6	169.5	170.4	171.4	169.5	167.6	164.0	160.4
77.5°	138.5	136.1	138.5	141.4	144.4	145.7	147.0	145.3	143.5	139.7	136.0
80°	110.5	106.0	110.5	114.5	118.4	119.0	119.6	117.2	114.9	112.0	109.2
82.5°	82.1	79.2	82.1	85.4	88.8	89.0	89.3	85.3	81.3	75.2	69.1
85°	50.7	48.0	50.7	53.3	55.9	56.3	56.7	51.7	46.8	41.1	35.4
87.5°	20.9	19.6	20.9	22.2	23.5	24.1	24.6	22.6	20.6	18.2	15.8
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: P1201223
CATALOG NUMBER: GWC-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	507.3	510.4	513.5	516.6	520.2	523.7	527.7	531.6	536.5	540.9	545.5
5°	483.4	488.4	494.0	499.5	505.7	512.0	519.5	526.9	535.5	544.2	553.3
7.5°	468.8	475.0	482.0	488.9	497.1	505.4	515.3	525.2	536.3	548.1	560.9
10°	466.7	473.6	481.2	488.6	496.9	505.1	515.6	526.1	538.0	552.5	567.7
12.5°	480.2	487.3	493.2	499.1	504.5	510.0	518.5	527.1	538.2	553.5	570.6
15°	506.8	513.0	514.5	516.0	515.3	514.5	518.6	522.7	531.6	548.5	568.4
17.5°	534.8	539.8	535.1	530.3	521.3	512.3	510.8	509.3	514.8	534.7	558.6
20°	550.4	552.7	542.7	532.7	517.1	501.5	494.5	487.5	488.9	512.1	541.7
22.5°	546.5	545.1	532.1	519.1	501.2	483.4	473.0	462.7	459.8	486.3	521.9
25°	525.0	520.2	507.4	494.6	478.5	462.5	450.6	438.6	431.0	458.1	499.8
27.5°	492.8	487.5	477.3	467.0	453.8	440.7	429.1	417.6	408.3	433.0	479.5
30°	460.7	456.3	447.8	439.3	428.4	417.4	408.2	399.1	391.8	412.5	462.6
32.5°	432.3	427.5	419.3	411.2	402.4	393.7	388.3	382.9	379.6	396.3	448.1
35°	405.8	400.0	391.9	383.9	377.2	370.6	369.1	367.6	368.9	382.8	433.7
37.5°	381.1	373.9	365.8	357.8	353.0	348.2	349.9	351.5	356.4	368.6	416.9
40°	357.2	349.0	341.2	333.4	330.0	326.5	330.2	334.0	341.5	352.5	396.7
42.5°	334.7	325.8	318.4	311.1	308.2	305.4	310.4	315.3	324.8	335.0	374.5
45°	315.1	305.9	298.9	291.9	289.5	287.1	291.9	296.8	305.9	316.2	351.0
47.5°	299.3	290.3	283.4	276.6	274.4	272.1	276.2	280.2	288.1	301.4	332.3
50°	286.5	278.4	271.9	265.4	261.9	258.5	262.0	265.6	274.8	292.3	319.9
52.5°	277.5	270.0	264.0	258.1	252.9	247.7	251.2	254.8	267.6	287.7	311.8
55°	272.0	265.4	259.0	252.6	245.2	237.8	243.4	249.0	268.3	287.0	305.8
57.5°	266.7	260.1	252.6	245.1	237.2	229.2	237.4	245.5	269.0	285.5	298.8
60°	259.0	252.3	243.7	235.1	228.1	221.1	231.7	242.3	266.8	277.7	288.1
62.5°	248.1	241.0	230.9	220.9	216.5	212.0	225.2	238.5	261.2	262.5	269.5
65°	*234.1*	*227.3*	*216.5*	*205.7*	*204.1*	*202.3*	*216.4*	*230.5*	*247.8*	*247.6*	*250.9*
67.5°	218.1	211.6	201.7	191.7	192.3	192.8	204.5	216.2	225.9	226.4	224.6
70°	200.8	195.2	186.5	177.7	179.6	181.5	189.8	198.1	201.3	201.3	192.8
72.5°	179.9	174.9	168.0	161.1	163.8	166.5	172.2	178.0	177.9	175.9	163.9
75°	155.8	151.3	146.2	141.1	143.7	146.3	150.7	155.1	155.9	146.5	133.1
77.5°	132.0	128.1	124.0	119.8	122.5	125.1	128.6	132.1	132.6	117.2	104.1
80°	105.9	102.6	99.1	95.7	97.9	100.1	103.1	106.0	106.1	87.7	76.6
82.5°	70.2	71.4	71.7	71.9	73.5	75.1	76.5	78.0	77.1	61.4	53.3
85°	38.6	41.7	43.3	44.7	46.5	48.2	49.8	51.3	50.2	38.6	32.6
87.5°	18.2	20.7	20.7	20.8	21.1	21.4	22.1	22.7	21.2	16.4	13.9
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: P1201223
CATALOG NUMBER: GWC-SB1A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	537.2	537.2	537.2	537.2	537.2	537.2	537.2
2.5°	550.0	554.7	559.5	564.2	568.9	573.3	577.8
5°	562.5	572.3	582.1	591.9	601.7	611.5	621.3
7.5°	573.7	588.3	602.8	617.7	632.7	648.8	665.0
10°	582.8	600.5	618.2	637.9	657.6	678.0	698.5
12.5°	587.8	608.6	629.4	651.7	674.1	696.5	719.0
15°	588.2	612.2	636.2	660.4	684.6	708.0	731.4
17.5°	582.4	610.3	638.1	664.5	691.0	714.7	738.5
20°	571.3	605.0	638.7	667.8	696.9	721.5	746.2
22.5°	557.5	598.5	639.5	672.2	704.7	730.0	755.2
25°	541.5	592.1	642.8	680.1	717.3	742.0	766.7
27.5°	526.1	587.9	649.6	692.4	735.3	758.8	782.4
30°	512.8	585.9	658.9	708.5	758.0	780.7	803.5
32.5°	499.8	583.4	667.0	725.2	783.4	805.9	828.4
35°	484.6	578.7	672.9	744.2	815.6	837.2	858.7
37.5°	465.1	570.7	676.4	765.6	854.8	882.3	909.8
40°	441.0	559.8	678.6	792.7	906.7	946.8	986.9
42.5°	414.1	548.4	682.8	828.1	973.4	1031.3	1089.1
45°	385.7	537.9	690.1	874.7	1059.3	1137.4	1215.4
47.5°	363.2	529.2	695.2	924.4	1153.7	1263.5	1373.3
50°	347.5	519.7	691.9	970.5	1249.1	1414.7	1580.3
52.5°	335.8	503.7	671.6	1000.4	1329.3	1573.6	1817.9
55°	324.7	477.1	629.6	993.8	1358.1	1714.4	2070.9
57.5°	312.1	439.7	567.2	947.4	1327.6	1814.3	2300.9
60°	298.6	391.1	483.6	861.0	1238.4	1839.2	2440.0
62.5°	276.4	332.9	389.4	744.2	1099.0	1734.2	2369.4
65°	*254.2*	*280.6*	*306.9*	*625.0*	*943.1*	*1585.6*	*2228.0*
67.5°	222.8	230.3	237.7	508.2	778.7	1408.7	2038.7
70°	184.3	182.2	180.1	400.2	620.2	1215.7	1811.2
72.5°	151.8	145.4	138.9	305.9	472.9	1006.5	1540.1
75°	119.6	113.7	107.9	222.0	336.2	766.7	1197.2
77.5°	91.0	87.0	83.0	150.5	217.9	536.6	855.3
80°	65.6	63.9	62.3	96.9	131.6	345.7	559.8
82.5°	45.1	44.8	44.5	59.6	74.8	200.1	325.4
85°	26.6	26.8	26.9	31.9	36.9	90.0	143.2
87.5°	11.5	11.6	11.8	13.2	14.6	29.5	44.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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SS

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(END OF REPORT)