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: P1201596

Luminaire Tested: GWC-SB1B-827-U-SLL-HSS

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:	P1201596
	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-SB1B-827-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3757 lumens
Efficiency:	N/A
Efficacy:	94.4 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

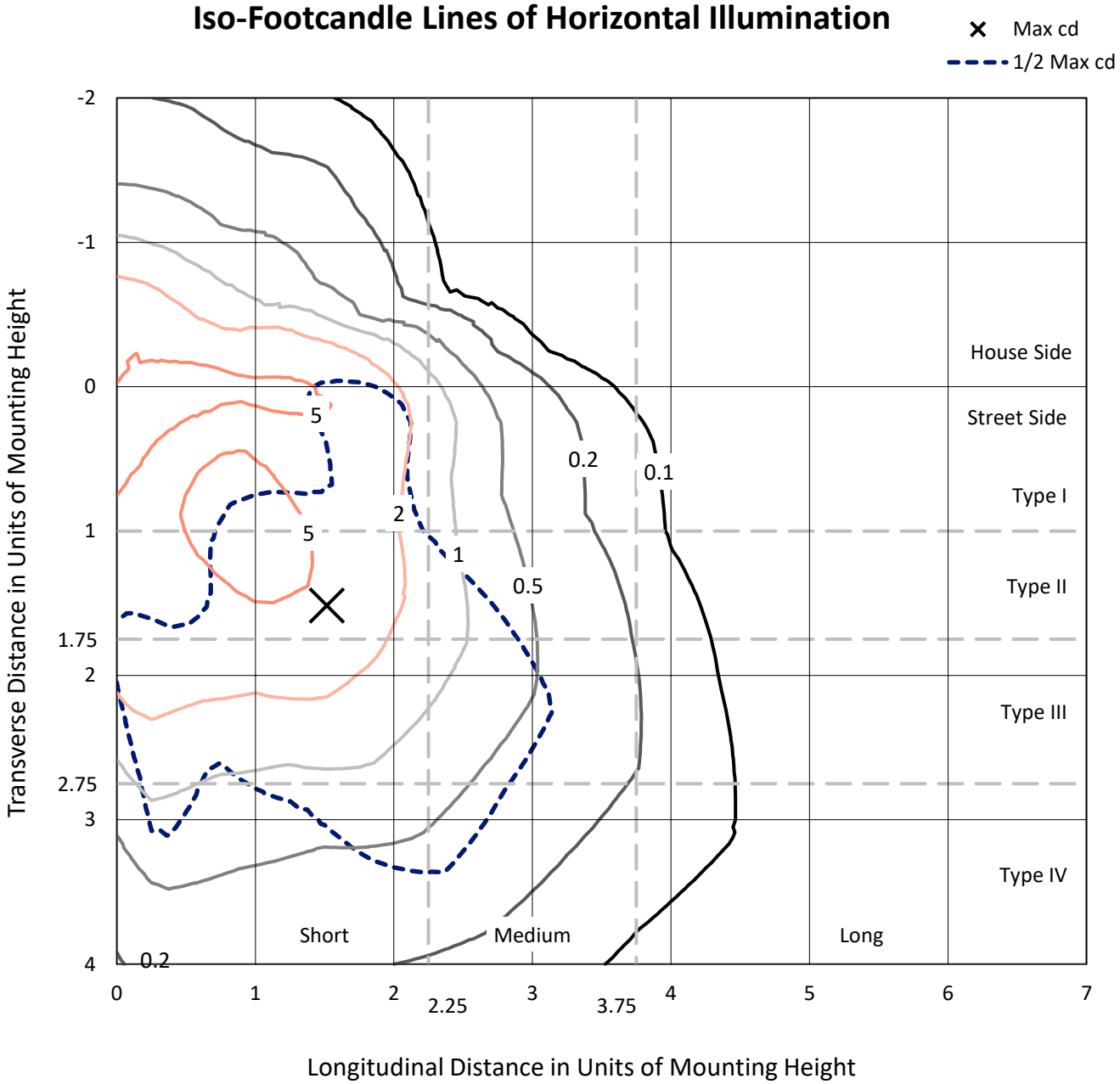


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Iso-Footcandle Lines of Horizontal Illumination



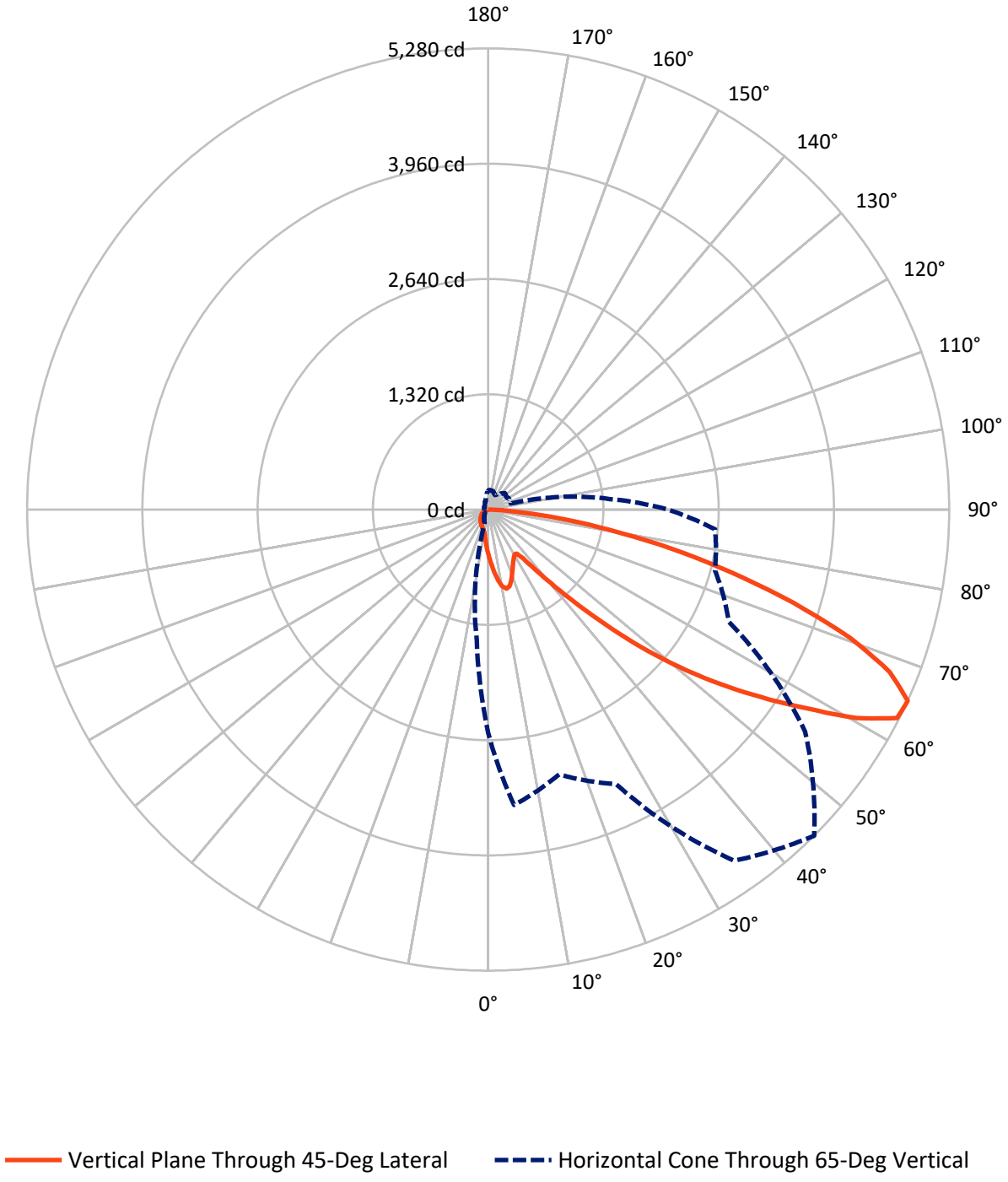
Based on 10 foot mounting height. Maximum calculated value = 8.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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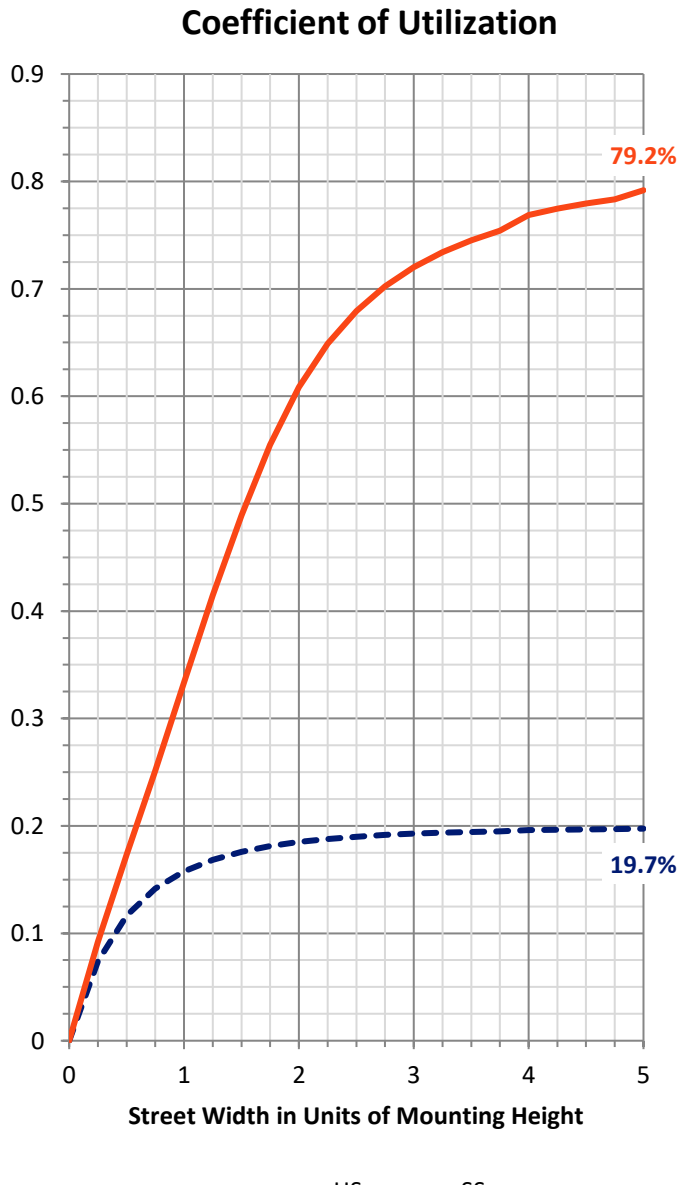
REPORT NUMBER: P1201596
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	746.8	0.0	746.8
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	3010.2	0.0	3010.2
	% Fixture	80.1	0.0	80.1
Total	Lumens	3757.0	0.0	3757.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.2	1.4
10°-20°	153.5	4.1
20°-30°	226.2	6.0
30°-40°	290.6	7.7
40°-50°	470.0	12.5
50°-60°	824.1	21.9
60°-70°	1031.2	27.4
70°-80°	602.6	16.0
80°-90°	107.5	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°	3757.0	100.0
0°-180°	3757.0	100.0



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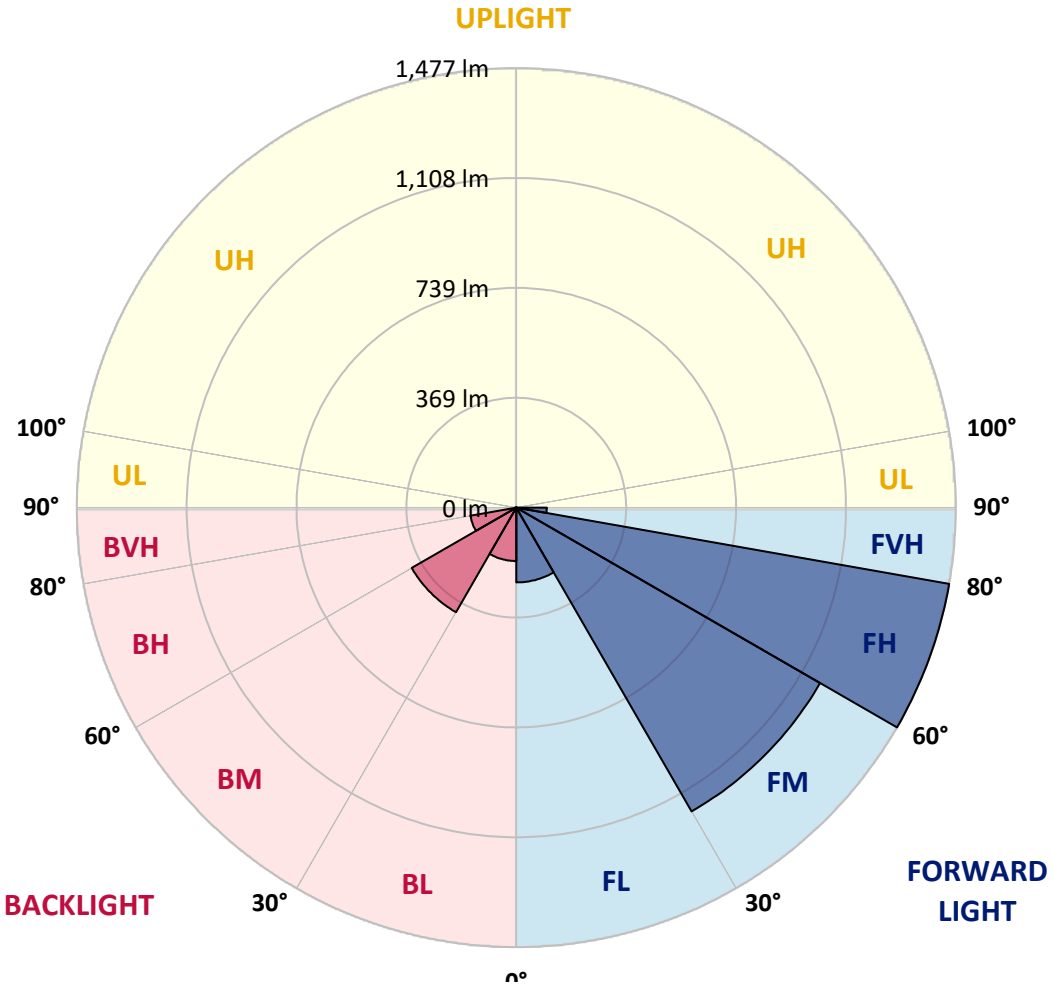
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	251.4	6.7			
FM	(30°-60°)	1179.0	31.4			
FH	(60°-80°)	1477.4	39.3			G1/1800
FVH	(80°-90°)	102.5	2.7			G2/225
BL	(0°-30°)	179.6	4.8	B1/500		
BM	(30°-60°)	405.7	10.8	B1/1000		
BH	(60°-80°)	156.5	4.2	B1/500		G1/500
BVH	(80°-90°)	5.0	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°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	582.9	587.3	597.1	602.3	610.3	610.8	610.8	603.8	603.6	589.3	587.8
5°	651.4	661.8	685.1	709.2	714.3	715.6	713.0	699.1	688.7	661.0	655.1
7.5°	719.5	739.4	774.9	807.0	817.3	817.3	811.1	788.4	767.1	727.0	712.0
10°	775.9	801.0	849.2	885.2	897.1	894.5	881.8	853.1	823.8	775.2	755.5
12.5°	813.2	841.4	894.2	923.2	935.4	928.6	914.1	886.2	855.4	804.1	781.9
15°	831.8	861.3	907.2	922.4	919.1	912.1	910.3	896.8	873.5	825.6	801.3
17.5°	839.9	867.3	899.1	889.6	861.1	855.7	873.8	890.9	885.2	844.3	821.5
20°	847.4	870.4	880.0	837.5	787.8	782.9	817.6	866.3	891.1	861.6	840.6
22.5°	857.7	872.0	852.3	782.7	729.1	717.7	756.0	829.3	892.9	883.6	862.6
25°	872.0	875.8	821.7	730.6	676.8	665.4	701.1	788.1	889.8	907.4	889.6
27.5°	889.0	881.0	792.5	687.2	635.1	624.5	660.2	748.5	881.0	931.2	918.5
30°	911.3	887.7	763.5	653.5	605.4	597.6	632.0	714.3	870.1	961.5	954.5
32.5°	933.8	890.6	736.6	633.8	598.6	601.5	629.7	696.0	858.2	990.5	993.9
35°	958.1	899.7	723.4	653.3	654.8	679.7	691.3	713.0	856.4	1029.8	1043.0
37.5°	991.3	919.8	739.2	749.8	803.6	855.1	845.6	796.6	877.4	1088.6	1113.2
40°	1038.9	955.3	808.0	914.1	1024.7	1108.3	1071.8	948.6	941.6	1173.2	1210.0
42.5°	1108.3	1011.7	930.2	1115.0	1302.4	1440.1	1342.2	1144.5	1053.9	1294.1	1340.9
45°	1210.8	1103.1	1078.0	1327.0	1644.8	1861.7	1658.2	1353.4	1211.3	1477.1	1513.8
47.5°	1352.8	1237.4	1216.4	1550.3	2061.0	2341.5	2008.7	1547.0	1390.4	1726.6	1735.1
50°	1541.5	1418.3	1347.7	1794.6	2517.3	2830.7	2358.9	1733.8	1595.6	2031.5	2021.6
52.5°	1790.5	1670.7	1500.6	2027.3	2986.5	3309.5	2710.6	1897.9	1850.3	2385.3	2365.1
55°	2130.1	2050.4	1709.8	2249.4	3455.5	3791.2	3048.6	2052.7	2186.8	2805.6	2683.4
57.5°	2551.4	2608.4	2011.3	2506.9	3877.1	4287.6	3388.2	2269.1	2623.6	3275.6	2868.2
60°	2823.2	3350.4	2588.7	2887.6	4356.2	4849.0	3853.5	2680.6	3082.8	3444.1	2833.0
62.5°	2757.4	3586.4	3280.3	3373.7	4796.7	5257.1	4309.6	3093.9	3169.2	3195.9	2561.8
65°	2555.8	3396.0	3139.2	3468.2	4908.2	5280.1	4431.5	3040.6	2688.3	2609.1	2059.2
67.5°	2278.4	3170.0	2804.0	3217.6	4706.6	4958.2	4204.5	2689.6	2077.5	1958.0	1493.9
70°	1978.9	2920.0	2584.0	2936.5	4322.3	4397.1	3818.6	2365.6	1528.1	1322.3	958.7
72.5°	1694.7	2659.6	2433.4	2648.5	3809.5	3654.8	3316.2	2079.1	1112.7	953.7	681.5
75°	1404.1	2275.5	2218.8	2306.3	3135.3	2878.8	2755.4	1721.4	873.3	690.0	470.3
77.5°	1083.4	1778.1	1908.5	1846.9	2206.9	2138.4	2135.8	1293.6	638.0	460.4	294.8
80°	741.5	1239.2	1491.1	1302.9	1432.3	1397.4	1608.6	867.8	462.8	277.2	164.1
82.5°	435.8	754.5	1037.9	630.7	792.0	812.9	957.9	422.1	272.3	63.9	35.7
85°	176.8	297.9	405.8	246.9	382.0	322.2	363.6	118.5	75.8	1.6	0.0
87.5°	44.5	95.2	66.8	27.7	44.3	40.6	32.1	14.5	3.1	0.0	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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Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	577.7	571.7	557.0	542.2	530.3	514.3	503.7	491.0	478.8	467.9	465.9
5°	638.8	619.1	592.2	567.6	542.5	518.2	494.1	468.7	445.4	431.2	422.1
7.5°	688.5	653.8	618.1	586.7	556.5	528.0	496.2	465.4	428.9	409.5	391.9
10°	725.5	679.9	633.1	597.1	566.6	538.9	511.9	480.9	436.9	412.6	386.2
12.5°	749.8	695.7	640.8	599.7	565.5	544.0	532.1	520.0	476.2	447.8	409.5
15°	766.6	706.8	646.3	593.7	551.8	536.0	547.9	561.9	533.9	501.1	451.1
17.5°	785.0	721.3	648.6	577.7	525.1	518.4	549.2	581.6	580.3	547.7	498.7
20°	804.4	734.0	647.0	551.8	492.8	498.7	538.1	575.6	591.4	573.8	530.3
22.5°	824.3	746.2	641.1	518.2	462.5	481.1	520.5	553.4	572.0	566.6	533.4
25°	849.4	763.3	632.3	481.9	437.4	463.3	500.0	526.7	539.6	539.4	516.6
27.5°	879.5	786.0	627.6	452.7	419.5	443.1	475.7	499.5	508.6	508.6	490.5
30°	914.4	812.9	622.5	433.5	409.2	422.1	447.5	470.8	479.8	479.8	464.6
32.5°	953.2	838.8	610.0	421.9	401.4	401.7	417.7	439.0	449.8	451.4	440.5
35°	999.8	866.5	582.9	412.6	392.4	381.8	389.5	407.1	420.1	423.4	416.7
37.5°	1060.9	900.4	544.0	398.8	378.4	360.8	362.6	376.1	390.3	395.5	391.1
40°	1142.9	940.3	503.7	379.2	358.7	337.8	337.0	346.8	360.8	366.5	364.2
42.5°	1251.4	988.2	465.1	360.3	334.9	313.4	312.1	319.9	332.1	338.0	337.0
45°	1390.1	1046.9	432.0	345.5	311.6	290.4	289.9	296.3	307.0	313.2	311.9
47.5°	1582.9	1105.7	409.5	337.8	293.2	271.5	272.5	278.2	287.8	292.2	290.4
50°	1834.2	1123.5	398.1	337.8	283.4	254.7	259.9	264.5	271.8	274.3	272.0
52.5°	2075.5	1064.5	387.7	339.8	284.7	240.4	251.6	254.9	261.1	262.2	258.8
55°	2193.7	915.2	373.5	340.3	292.7	228.3	244.8	251.1	253.4	253.1	247.4
57.5°	2153.1	740.0	349.4	338.3	298.2	220.5	236.6	248.5	250.0	247.7	237.1
60°	2010.5	544.8	331.0	323.0	296.1	218.2	223.9	242.8	245.1	242.0	224.7
62.5°	1771.4	378.1	316.8	289.4	287.0	217.4	203.9	230.3	236.0	231.6	206.3
65°	*1394.5*	*267.1*	*272.8*	*253.6*	*267.4*	*213.3*	*183.2*	*215.3*	*223.1*	*216.4*	*180.7*
67.5°	943.7	192.8	221.0	229.8	235.5	203.9	168.2	198.3	208.6	199.8	150.9
70°	509.6	135.4	146.0	193.6	200.1	187.9	154.8	180.9	192.8	183.2	122.9
72.5°	301.0	97.3	102.2	155.5	166.7	165.4	139.8	160.7	175.2	163.8	99.9
75°	165.9	65.7	73.0	112.8	135.4	127.6	120.1	136.1	150.9	139.8	77.1
77.5°	74.3	39.3	50.7	74.0	106.4	87.5	92.9	106.1	119.8	108.2	51.5
80°	28.7	22.0	33.6	40.4	77.4	48.4	59.8	78.2	88.0	78.7	31.3
82.5°	3.6	9.8	14.5	15.8	45.0	25.6	34.7	49.2	48.4	41.9	15.8
85°	0.0	1.8	2.1	1.0	19.4	9.3	11.4	16.0	15.0	11.4	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	453.2	443.9	439.2	435.3	439.0	441.0	441.0	449.8	455.0	457.1	471.6
5°	399.4	382.0	370.4	363.4	365.7	368.3	371.1	382.3	389.8	394.7	417.2
7.5°	356.9	330.5	314.2	305.7	307.0	308.8	311.1	322.0	329.5	335.9	361.1
10°	335.9	298.7	277.2	266.8	265.0	264.0	263.2	269.7	275.4	280.6	305.4
12.5°	337.0	285.0	258.8	246.1	240.7	234.5	229.6	230.6	234.2	240.7	256.5
15°	350.2	280.6	249.2	233.5	224.4	217.1	211.2	209.9	211.2	212.2	222.1
17.5°	368.0	280.0	241.0	221.3	212.0	206.0	200.6	198.8	199.0	200.3	202.9
20°	382.3	278.5	231.6	209.6	201.4	196.2	190.7	188.9	189.5	189.7	192.6
22.5°	389.8	276.2	221.3	198.0	191.0	185.8	180.9	180.7	180.7	182.2	184.3
25°	389.8	271.2	212.0	186.9	180.7	176.0	170.0	171.1	171.6	173.7	176.8
27.5°	380.5	261.9	204.5	177.3	170.8	166.2	160.7	162.0	162.8	165.1	169.0
30°	368.6	250.8	195.9	168.2	160.7	157.4	152.7	153.2	154.3	156.8	161.2
32.5°	355.9	237.6	188.9	159.2	151.7	149.1	143.9	144.7	145.7	148.6	153.5
35°	341.9	222.1	180.7	150.9	143.4	141.3	135.4	135.9	137.4	140.5	145.5
37.5°	327.1	209.4	172.4	142.9	135.1	133.0	126.8	127.3	129.2	132.8	137.4
40°	312.7	197.0	163.6	134.3	126.6	124.8	118.0	118.5	120.6	124.5	129.4
42.5°	296.9	187.4	152.2	125.5	117.2	115.4	109.2	110.0	112.3	116.2	121.1
45°	278.0	181.2	139.5	117.2	107.9	106.1	100.4	102.0	104.6	108.4	113.6
47.5°	258.6	178.6	128.9	108.4	98.4	96.8	92.1	94.7	97.6	100.7	106.4
50°	239.9	175.2	118.0	100.2	90.1	88.5	85.4	88.8	91.6	94.5	99.9
52.5°	218.7	168.0	108.2	92.9	83.1	82.6	81.0	84.1	86.7	89.3	94.0
55°	196.7	156.3	99.6	86.4	77.1	77.6	76.9	79.5	81.5	83.9	88.0
57.5°	177.5	141.6	92.9	79.5	72.0	73.5	72.5	73.8	75.1	77.9	81.3
60°	158.1	124.0	85.4	71.2	66.8	68.6	65.7	65.5	66.0	66.8	73.0
62.5°	132.0	105.6	76.1	63.9	61.1	61.9	56.4	52.3	52.3	53.1	62.4
65°	*106.1*	*88.5*	*65.7*	*55.6*	*53.3*	*52.8*	*45.0*	*39.3*	*38.8*	*41.2*	*49.2*
67.5°	87.2	73.5	55.4	46.3	44.8	45.3	39.6	33.9	33.4	36.0	41.9
70°	72.2	59.3	44.3	35.7	37.3	39.6	33.9	28.5	27.7	30.0	35.7
72.5°	57.5	46.3	33.9	26.4	30.8	33.6	27.7	22.5	22.0	24.1	29.5
75°	42.2	33.1	23.0	19.2	23.8	26.4	20.2	16.0	15.3	17.1	22.5
77.5°	26.1	18.6	14.5	11.4	16.3	17.6	10.6	9.3	9.1	10.4	14.2
80°	12.2	8.0	7.0	3.9	6.0	7.0	4.4	4.9	5.2	6.2	8.8
82.5°	3.4	1.3	0.3	0.0	0.0	2.1	1.0	2.1	2.6	3.9	5.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	2.3	4.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1
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: P1201596
CATALOG NUMBER: GWC-SB1B-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	520.2	520.2	520.2	520.2	520.2	520.2	520.2	520.2
2.5°	482.4	492.8	509.4	526.4	543.3	560.3	576.9	582.9
5°	437.7	461.5	494.3	529.5	565.8	602.5	636.2	651.4
7.5°	387.7	421.9	471.3	526.4	584.2	641.9	694.9	719.5
10°	334.4	377.6	434.0	508.6	591.4	671.1	744.1	775.9
12.5°	283.7	329.0	391.3	480.6	585.7	687.9	775.7	813.2
15°	241.2	281.3	348.6	447.5	567.3	689.0	790.7	831.8
17.5°	209.4	235.5	305.1	410.7	543.3	679.4	795.9	839.9
20°	193.6	200.8	248.7	363.6	520.7	670.3	801.0	847.4
22.5°	184.3	186.1	203.4	302.8	493.8	667.5	810.1	857.7
25°	176.8	177.3	181.9	239.9	452.7	665.7	824.1	872.0
27.5°	169.3	169.3	171.9	193.3	396.8	657.9	842.2	889.0
30°	161.8	161.8	163.6	171.1	331.3	642.6	863.9	911.3
32.5°	154.0	154.0	155.5	161.0	264.5	623.5	883.9	933.8
35°	146.2	145.7	147.8	153.5	210.4	599.2	903.8	958.1
37.5°	138.0	137.7	139.8	146.2	181.7	571.0	918.8	991.3
40°	129.2	129.2	131.5	138.5	173.4	535.5	942.6	1038.9
42.5°	121.1	120.6	123.2	131.7	167.2	501.6	985.3	1108.3
45°	113.4	112.3	114.7	125.3	156.3	489.7	1065.0	1210.8
47.5°	106.1	103.5	105.6	117.5	146.5	534.2	1195.5	1352.8
50°	100.2	95.2	97.1	109.7	139.0	630.7	1364.7	1541.5
52.5°	94.0	87.5	88.5	100.2	132.3	722.6	1548.2	1790.5
55°	87.5	80.2	80.8	90.6	122.7	736.3	1727.4	2130.1
57.5°	80.2	73.5	73.5	81.8	115.7	638.2	1865.0	2551.4
60°	72.2	67.8	66.5	74.8	121.9	450.3	1881.1	2823.2
62.5°	63.4	61.1	59.3	68.1	126.6	266.8	1751.9	2757.4
65°	*53.3*	*52.8*	*51.5*	*74.8*	*106.6*	*157.6*	*1504.0*	*2555.8*
67.5°	44.8	44.0	44.0	78.4	81.0	99.1	1175.0	2278.4
70°	38.6	35.7	35.7	59.3	49.2	68.6	820.5	1978.9
72.5°	32.4	29.2	27.2	47.4	36.8	50.2	512.7	1694.7
75°	25.9	23.6	21.0	31.3	27.4	38.0	297.9	1404.1
77.5°	18.6	17.6	14.8	23.0	19.9	27.4	177.3	1083.4
80°	9.6	9.8	9.3	13.2	13.5	18.6	100.9	741.5
82.5°	5.7	4.4	4.9	6.5	7.8	10.6	38.0	435.8
85°	3.6	2.3	2.3	3.1	3.9	4.1	11.6	176.8
87.5°	1.8	0.8	1.0	1.6	1.3	1.0	0.5	44.5
90°	0.0	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)