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: P1201508

Luminaire Tested: GWC-SB1B-735-U-SLL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201508
	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-735-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 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:	4320 lumens
Efficiency:	N/A
Efficacy:	108.5 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

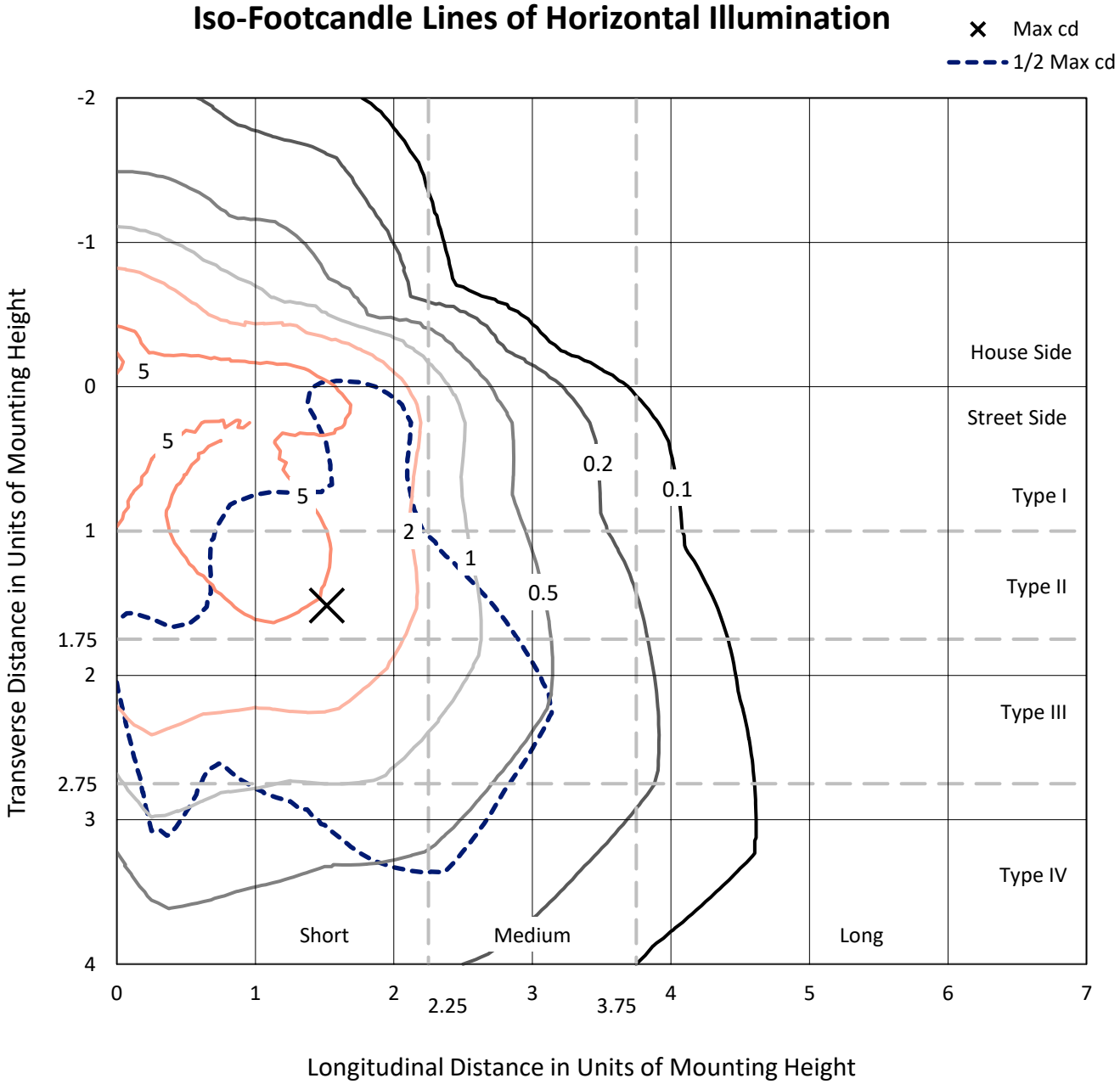


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Iso-Footcandle Lines of Horizontal Illumination



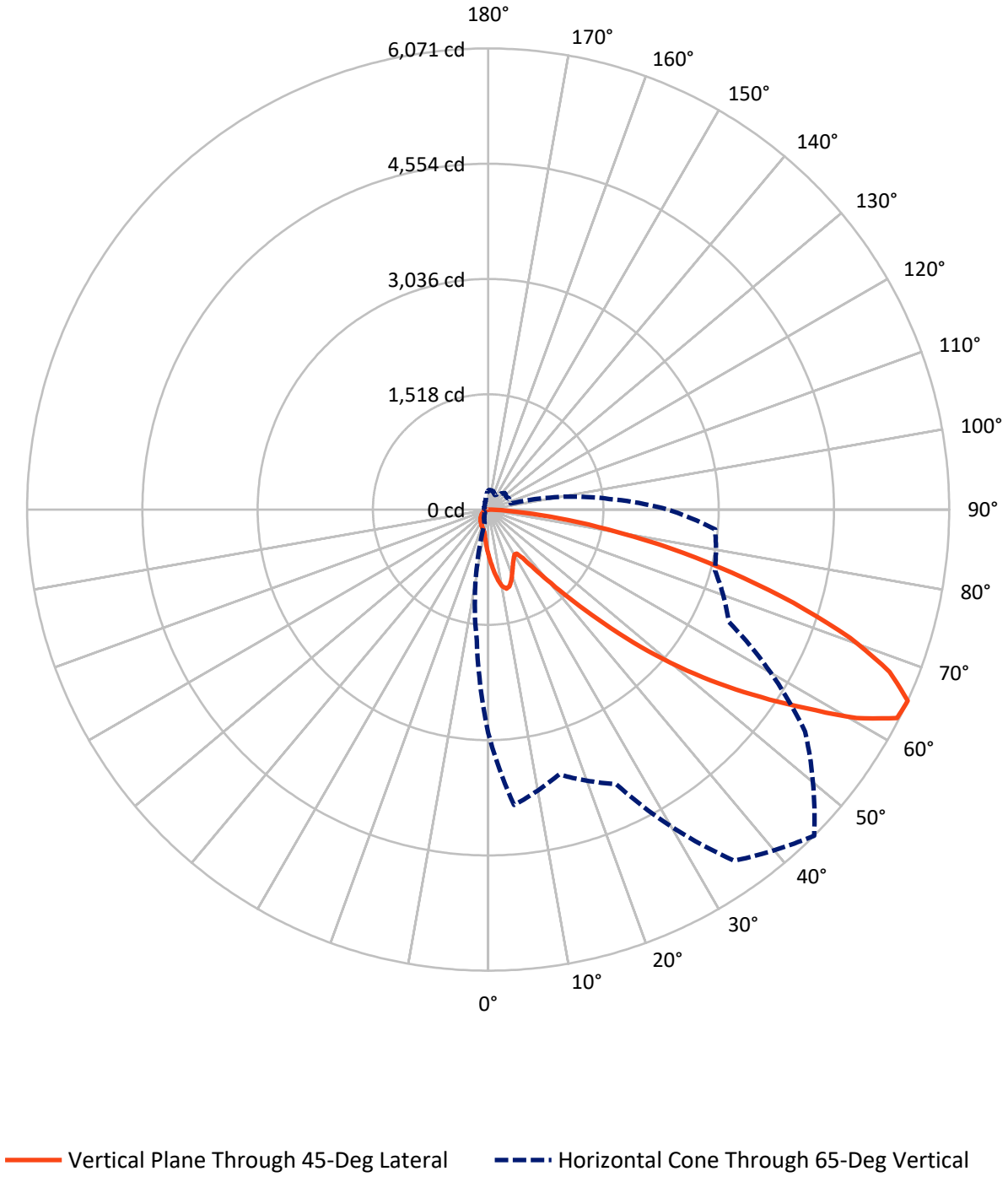
Based on 10 foot mounting height. Maximum calculated value = 9.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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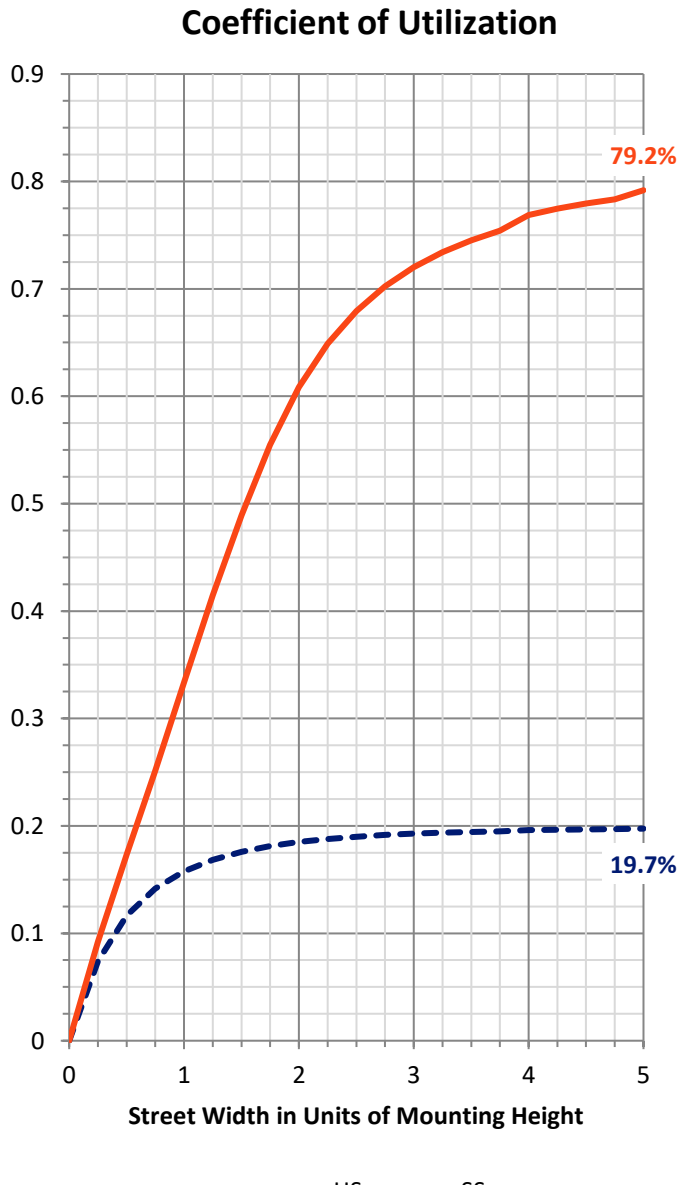
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	858.7	0.0	858.7
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	3461.3	0.0	3461.3
	% Fixture	80.1	0.0	80.1
Total	Lumens	4320.0	0.0	4320.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.9	1.4
10°-20°	176.5	4.1
20°-30°	260.1	6.0
30°-40°	334.1	7.7
40°-50°	540.4	12.5
50°-60°	947.6	21.9
60°-70°	1185.8	27.4
70°-80°	692.9	16.0
80°-90°	123.6	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°	4320.0	100.0
0°-180°	4320.0	100.0



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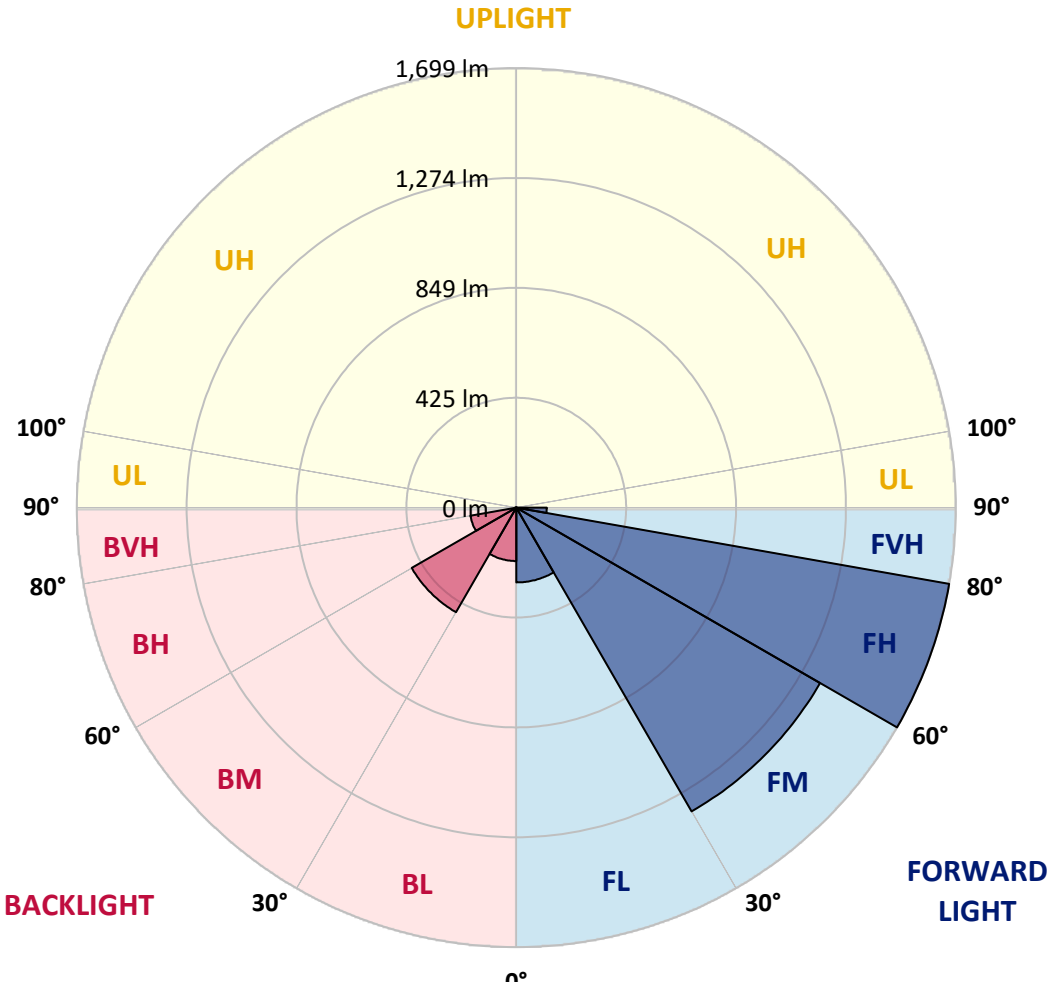
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	289.1	6.7			
FM	(30°-60°)	1355.7	31.4			
FH	(60°-80°)	1698.8	39.3			G1/1800
FVH	(80°-90°)	117.8	2.7			G2/225
BL	(0°-30°)	206.5	4.8	B1/500		
BM	(30°-60°)	466.5	10.8	B1/1000		
BH	(60°-80°)	179.9	4.2	B1/500		G1/500
BVH	(80°-90°)	5.8	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°	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2
2.5°	670.2	675.3	686.6	692.5	701.7	702.3	702.3	694.3	694.0	677.6	675.9
5°	749.1	761.0	787.8	815.4	821.4	822.9	819.9	803.8	791.9	760.1	753.2
7.5°	827.3	850.3	891.0	927.9	939.8	939.8	932.7	906.5	882.1	836.0	818.7
10°	892.2	921.1	976.4	1017.8	1031.5	1028.5	1013.9	980.9	947.3	891.3	868.7
12.5°	935.1	967.5	1028.2	1061.5	1075.5	1067.8	1051.1	1019.0	983.6	924.7	899.1
15°	956.5	990.4	1043.1	1060.7	1056.8	1048.8	1046.7	1031.2	1004.4	949.4	921.4
17.5°	965.7	997.3	1033.9	1022.9	990.1	983.9	1004.7	1024.3	1017.8	970.8	944.6
20°	974.4	1000.8	1011.8	963.0	905.9	900.2	940.1	996.1	1024.6	990.7	966.6
22.5°	986.3	1002.6	980.0	900.0	838.3	825.3	869.3	953.5	1026.7	1016.0	991.9
25°	1002.6	1007.1	944.9	840.1	778.2	765.1	806.2	906.2	1023.2	1043.4	1022.9
27.5°	1022.3	1013.0	911.3	790.1	730.3	718.1	759.2	860.7	1013.0	1070.8	1056.2
30°	1047.9	1020.8	877.9	751.4	696.1	687.2	726.7	821.4	1000.5	1105.6	1097.6
32.5°	1073.8	1024.1	847.0	728.8	688.4	691.6	724.1	800.3	986.9	1138.9	1142.8
35°	1101.7	1034.5	831.8	751.1	752.9	781.5	794.9	819.9	984.8	1184.2	1199.3
37.5°	1139.8	1057.7	850.0	862.2	924.1	983.3	972.3	916.0	1008.9	1251.7	1280.0
40°	1194.6	1098.5	929.1	1051.1	1178.2	1274.3	1232.4	1090.7	1082.7	1349.0	1391.3
42.5°	1274.3	1163.3	1069.6	1282.1	1497.5	1655.9	1543.4	1316.0	1211.8	1488.0	1541.9
45°	1392.2	1268.4	1239.5	1525.8	1891.3	2140.7	1906.7	1556.2	1392.8	1698.4	1740.7
47.5°	1555.6	1422.8	1398.7	1782.6	2369.8	2692.4	2309.7	1778.8	1598.7	1985.3	1995.1
50°	1772.5	1630.9	1549.6	2063.6	2894.5	3254.9	2712.4	1993.6	1834.7	2335.9	2324.6
52.5°	2058.8	1921.0	1725.5	2331.1	3434.0	3805.4	3116.8	2182.3	2127.6	2742.7	2719.5
55°	2449.3	2357.6	1966.0	2586.5	3973.3	4359.3	3505.5	2360.3	2514.4	3226.0	3085.5
57.5°	2933.8	2999.2	2312.7	2882.6	4458.1	4930.1	3895.9	2609.1	3016.8	3766.5	3298.0
60°	3246.3	3852.5	2976.6	3320.4	5009.0	5575.6	4431.0	3082.3	3544.7	3960.2	3257.6
62.5°	3170.7	4123.9	3771.8	3879.3	5515.5	6044.9	4955.4	3557.5	3644.1	3674.8	2945.7
65°	2938.8	3904.8	3609.6	3987.9	5643.7	6071.4	5095.6	3496.2	3091.2	3000.1	2367.7
67.5°	2619.8	3645.0	3224.2	3699.8	5411.9	5701.2	4834.6	3092.7	2388.9	2251.4	1717.8
70°	2275.5	3357.6	2971.3	3376.6	4970.0	5056.0	4390.8	2720.1	1757.0	1520.5	1102.3
72.5°	1948.7	3058.2	2798.1	3045.4	4380.4	4202.5	3813.2	2390.6	1279.4	1096.7	783.6
75°	1614.5	2616.5	2551.3	2651.9	3605.2	3310.2	3168.3	1979.4	1004.1	793.4	540.7
77.5°	1245.8	2044.5	2194.5	2123.7	2537.7	2458.8	2455.8	1487.4	733.6	529.4	339.0
80°	852.6	1424.9	1714.5	1498.1	1646.9	1606.8	1849.6	997.9	532.1	318.7	188.7
82.5°	501.2	867.5	1193.4	725.3	910.7	934.8	1101.4	485.4	313.1	73.5	41.1
85°	203.3	342.5	466.6	283.9	439.3	370.5	418.1	136.3	87.2	1.8	0.0
87.5°	51.2	109.5	76.8	31.8	50.9	46.7	36.9	16.7	3.6	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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2
2.5°	664.2	657.4	640.4	623.5	609.8	591.3	579.1	564.6	550.6	538.1	535.7
5°	734.5	711.9	680.9	652.6	623.8	595.8	568.1	539.0	512.2	495.8	485.4
7.5°	791.6	751.7	710.7	674.7	639.8	607.1	570.5	535.1	493.1	470.8	450.6
10°	834.2	781.8	727.9	686.6	651.5	619.6	588.7	552.9	502.4	474.4	444.0
12.5°	862.2	800.0	736.9	689.5	650.3	625.6	611.9	597.9	547.6	514.9	470.8
15°	881.5	812.8	743.1	682.7	634.5	616.3	630.0	646.1	614.0	576.2	518.7
17.5°	902.6	829.4	745.8	664.2	603.8	596.1	631.5	668.7	667.2	629.7	573.5
20°	924.9	844.0	744.0	634.5	566.6	573.5	618.7	661.9	680.0	659.8	609.8
22.5°	947.9	858.0	737.2	595.8	531.8	553.2	598.5	636.3	657.7	651.5	613.4
25°	976.7	877.6	727.0	554.1	502.9	532.7	575.0	605.6	620.5	620.2	594.0
27.5°	1011.3	903.8	721.7	520.5	482.4	509.5	547.0	574.4	584.8	584.8	564.0
30°	1051.4	934.8	715.7	498.5	470.5	485.4	514.6	541.3	551.8	551.8	534.2
32.5°	1096.1	964.5	701.4	485.1	461.6	461.9	480.3	504.7	517.2	519.0	506.5
35°	1149.6	996.4	670.2	474.4	451.2	439.0	447.9	468.1	483.0	486.9	479.1
37.5°	1219.9	1035.4	625.6	458.6	435.1	414.9	416.9	432.4	448.8	454.7	449.7
40°	1314.2	1081.2	579.1	436.0	412.5	388.4	387.5	398.8	414.9	421.4	418.7
42.5°	1438.9	1136.2	534.8	414.3	385.1	360.4	358.9	367.8	381.8	388.7	387.5
45°	1598.4	1203.8	496.7	397.3	358.3	333.9	333.3	340.8	353.0	360.1	358.6
47.5°	1820.1	1271.4	470.8	388.4	337.2	312.2	313.4	319.9	330.9	336.0	333.9
50°	2109.1	1291.9	457.7	388.4	325.9	292.8	298.8	304.2	312.5	315.5	312.8
52.5°	2386.5	1224.0	445.8	390.8	327.4	276.5	289.3	293.1	300.3	301.5	297.6
55°	2522.5	1052.3	429.4	391.3	336.6	262.5	281.5	288.7	291.4	291.1	284.5
57.5°	2475.8	850.8	401.8	389.0	342.8	253.6	272.0	285.7	287.5	284.8	272.6
60°	2311.8	626.5	380.6	371.4	340.5	250.9	257.4	279.2	281.8	278.3	258.3
62.5°	2036.8	434.8	364.3	332.7	330.0	250.0	234.5	264.9	271.4	266.4	237.2
65°	*1603.5*	*307.1*	*313.7*	*291.7*	*307.4*	*245.2*	*210.7*	*247.6*	*256.5*	*248.8*	*207.7*
67.5°	1085.1	221.7	254.2	264.3	270.8	234.5	193.4	228.0	239.9	229.7	173.5
70°	586.0	155.6	167.8	222.6	230.0	216.1	178.0	208.0	221.7	210.7	141.4
72.5°	346.1	111.9	117.6	178.9	191.7	190.2	160.7	184.8	201.5	188.4	114.9
75°	190.8	75.6	83.9	129.8	155.6	146.7	138.1	156.5	173.5	160.7	88.7
77.5°	85.4	45.2	58.3	85.1	122.3	100.6	106.8	122.0	137.8	124.4	59.2
80°	33.0	25.3	38.7	46.4	89.0	55.7	68.7	89.9	101.2	90.5	36.0
82.5°	4.2	11.3	16.7	18.2	51.8	29.5	39.9	56.5	55.7	48.2	18.2
85°	0.0	2.1	2.4	1.2	22.3	10.7	13.1	18.5	17.3	13.1	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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°	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2
2.5°	521.1	510.4	505.0	500.6	504.7	507.1	507.1	517.2	523.2	525.6	542.2
5°	459.2	439.3	425.9	417.8	420.5	423.5	426.8	439.6	448.2	453.8	479.7
7.5°	410.4	380.0	361.3	351.5	353.0	355.0	357.7	370.2	378.8	386.3	415.2
10°	386.3	343.4	318.7	306.8	304.7	303.6	302.7	310.1	316.6	322.6	351.2
12.5°	387.5	327.7	297.6	283.0	276.8	269.6	264.0	265.2	269.3	276.8	294.9
15°	402.7	322.6	286.6	268.4	258.0	249.7	242.8	241.4	242.8	244.0	255.3
17.5°	423.2	322.0	277.1	254.5	243.7	236.9	230.6	228.6	228.9	230.3	233.3
20°	439.6	320.2	266.4	241.1	231.5	225.6	219.3	217.3	217.8	218.1	221.4
22.5°	448.2	317.5	254.5	227.7	219.6	213.7	208.0	207.7	207.7	209.5	211.9
25°	448.2	311.9	243.7	214.9	207.7	202.4	195.5	196.7	197.3	199.7	203.3
27.5°	437.5	301.2	235.1	203.9	196.4	191.1	184.8	186.3	187.2	189.9	194.3
30°	423.8	288.4	225.3	193.4	184.8	180.9	175.6	176.2	177.4	180.3	185.4
32.5°	409.2	273.2	217.3	183.0	174.4	171.4	165.5	166.4	167.6	170.8	176.5
35°	393.1	255.3	207.7	173.5	164.9	162.5	155.6	156.2	158.0	161.6	167.3
37.5°	376.2	240.8	198.2	164.3	155.3	153.0	145.8	146.4	148.5	152.7	158.0
40°	359.5	226.5	188.1	154.5	145.5	143.4	135.7	136.3	138.7	143.1	148.8
42.5°	341.4	215.5	175.0	144.3	134.8	132.7	125.6	126.5	129.2	133.6	139.3
45°	319.6	208.3	160.4	134.8	124.1	122.0	115.5	117.3	120.2	124.7	130.6
47.5°	297.3	205.3	148.2	124.7	113.1	111.3	105.9	108.9	112.2	115.8	122.3
50°	275.9	201.5	135.7	115.2	103.6	101.8	98.2	102.1	105.4	108.6	114.9
52.5°	251.5	193.1	124.4	106.8	95.5	94.9	93.1	96.7	99.7	102.7	108.0
55°	226.2	179.8	114.6	99.4	88.7	89.3	88.4	91.4	93.7	96.4	101.2
57.5°	204.2	162.8	106.8	91.4	82.7	84.5	83.3	84.8	86.3	89.6	93.4
60°	181.8	142.6	98.2	81.8	76.8	78.9	75.6	75.3	75.9	76.8	83.9
62.5°	151.8	121.4	87.5	73.5	70.2	71.1	64.9	60.1	60.1	61.0	71.7
65°	*122.0*	*101.8*	*75.6*	*64.0*	*61.3*	*60.7*	*51.8*	*45.2*	*44.6*	*47.3*	*56.5*
67.5°	100.3	84.5	63.7	53.3	51.5	52.1	45.5	39.0	38.4	41.4	48.2
70°	83.0	68.2	50.9	41.1	42.9	45.5	39.0	32.7	31.8	34.5	41.1
72.5°	66.1	53.3	39.0	30.4	35.4	38.7	31.8	25.9	25.3	27.7	33.9
75°	48.5	38.1	26.5	22.0	27.4	30.4	23.2	18.5	17.6	19.6	25.9
77.5°	30.1	21.4	16.7	13.1	18.7	20.2	12.2	10.7	10.4	11.9	16.4
80°	14.0	9.2	8.0	4.5	6.8	8.0	5.1	5.7	6.0	7.1	10.1
82.5°	3.9	1.5	0.3	0.0	0.0	2.4	1.2	2.4	3.0	4.5	6.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	2.7	4.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4
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: P1201508
CATALOG NUMBER: GWC-SB1B-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	598.2	598.2	598.2	598.2	598.2	598.2	598.2	598.2
2.5°	554.7	566.6	585.7	605.3	624.7	644.3	663.4	670.2
5°	503.2	530.6	568.4	608.9	650.6	692.8	731.5	749.1
7.5°	445.8	485.1	541.9	605.3	671.7	738.1	799.1	827.3
10°	384.5	434.2	499.1	584.8	680.0	771.7	855.6	892.2
12.5°	326.2	378.3	450.0	552.6	673.5	791.0	891.9	935.1
15°	277.4	323.5	400.9	514.6	652.3	792.2	909.2	956.5
17.5°	240.8	270.8	350.9	472.3	624.7	781.2	915.1	965.7
20°	222.6	230.9	286.0	418.1	598.8	770.8	921.1	974.4
22.5°	211.9	214.0	233.9	348.2	567.8	767.5	931.5	986.3
25°	203.3	203.9	209.2	275.9	520.5	765.4	947.6	1002.6
27.5°	194.6	194.6	197.6	222.3	456.2	756.5	968.4	1022.3
30°	186.0	186.0	188.1	196.7	380.9	738.9	993.4	1047.9
32.5°	177.1	177.1	178.9	185.1	304.2	716.9	1016.3	1073.8
35°	168.1	167.6	169.9	176.5	242.0	689.0	1039.2	1101.7
37.5°	158.6	158.3	160.7	168.1	208.9	656.5	1056.5	1139.8
40°	148.5	148.5	151.2	159.2	199.4	615.7	1083.9	1194.6
42.5°	139.3	138.7	141.7	151.5	192.3	576.8	1133.0	1274.3
45°	130.4	129.2	131.8	144.0	179.8	563.1	1224.6	1392.2
47.5°	122.0	119.0	121.4	135.1	168.4	614.3	1374.6	1555.6
50°	115.2	109.5	111.6	126.2	159.8	725.3	1569.3	1772.5
52.5°	108.0	100.6	101.8	115.2	152.1	830.9	1780.3	2058.8
55°	100.6	92.3	92.9	104.2	141.1	846.7	1986.2	2449.3
57.5°	92.3	84.5	84.5	94.0	133.0	733.9	2144.5	2933.8
60°	83.0	78.0	76.5	86.0	140.2	517.8	2163.0	3246.3
62.5°	72.9	70.2	68.2	78.3	145.5	306.8	2014.5	3170.7
65°	*61.3*	*60.7*	*59.2*	*86.0*	*122.6*	*181.2*	*1729.4*	*2938.8*
67.5°	51.5	50.6	50.6	90.2	93.1	114.0	1351.1	2619.8
70°	44.3	41.1	41.1	68.2	56.5	78.9	943.4	2275.5
72.5°	37.2	33.6	31.2	54.5	42.3	57.7	589.6	1948.7
75°	29.8	27.1	24.1	36.0	31.5	43.7	342.5	1614.5
77.5°	21.4	20.2	17.0	26.5	22.9	31.5	203.9	1245.8
80°	11.0	11.3	10.7	15.2	15.5	21.4	116.1	852.6
82.5°	6.5	5.1	5.7	7.4	8.9	12.2	43.7	501.2
85°	4.2	2.7	2.7	3.6	4.5	4.8	13.4	203.3
87.5°	2.1	0.9	1.2	1.8	1.5	1.2	0.6	51.2
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)