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: P1201882

Luminaire Tested: GWC-SB1C-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:	P1201882
	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-SB1C-735-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	5746 lumens
Efficiency:	N/A
Efficacy:	105.6 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

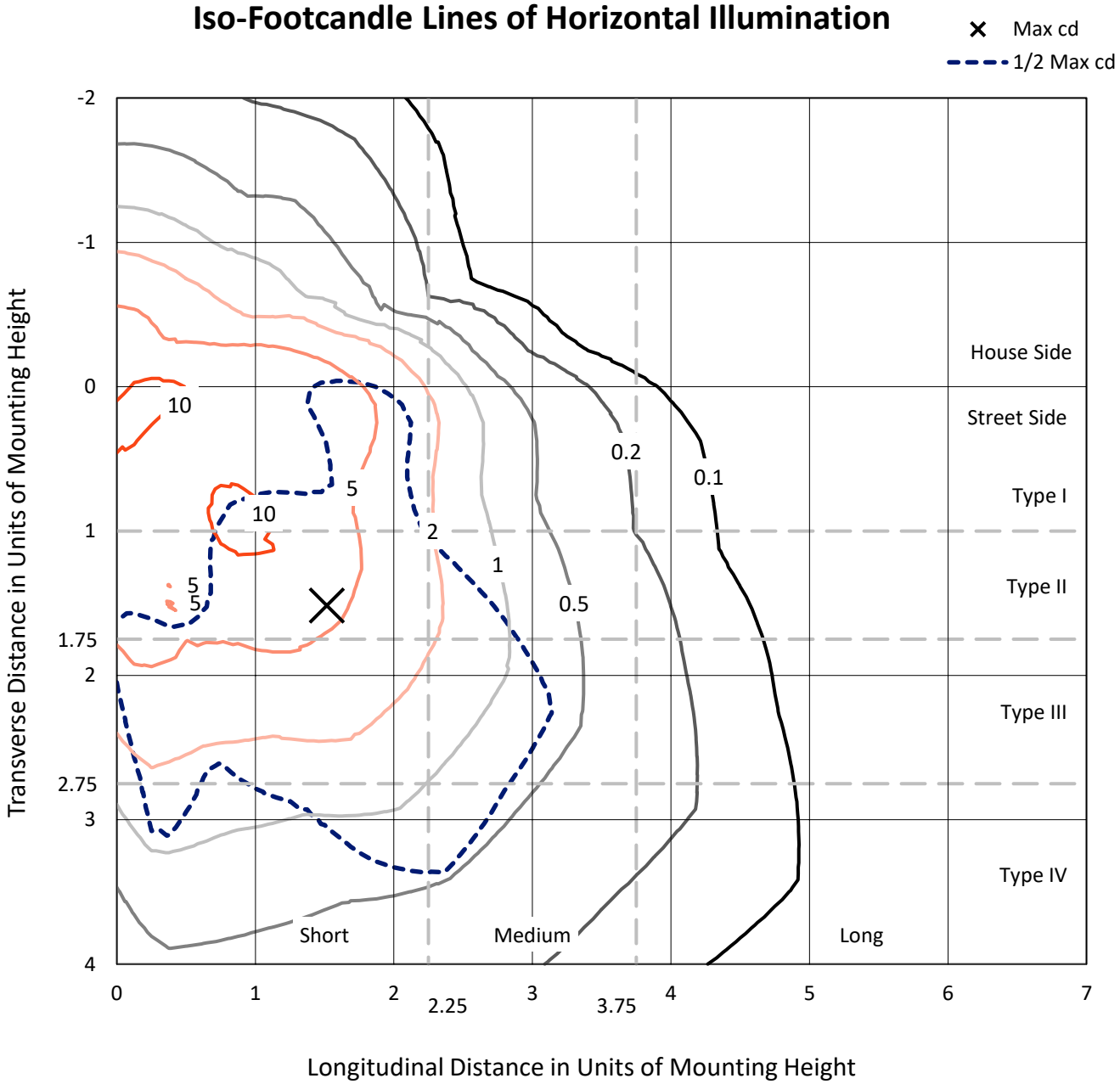


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Iso-Footcandle Lines of Horizontal Illumination



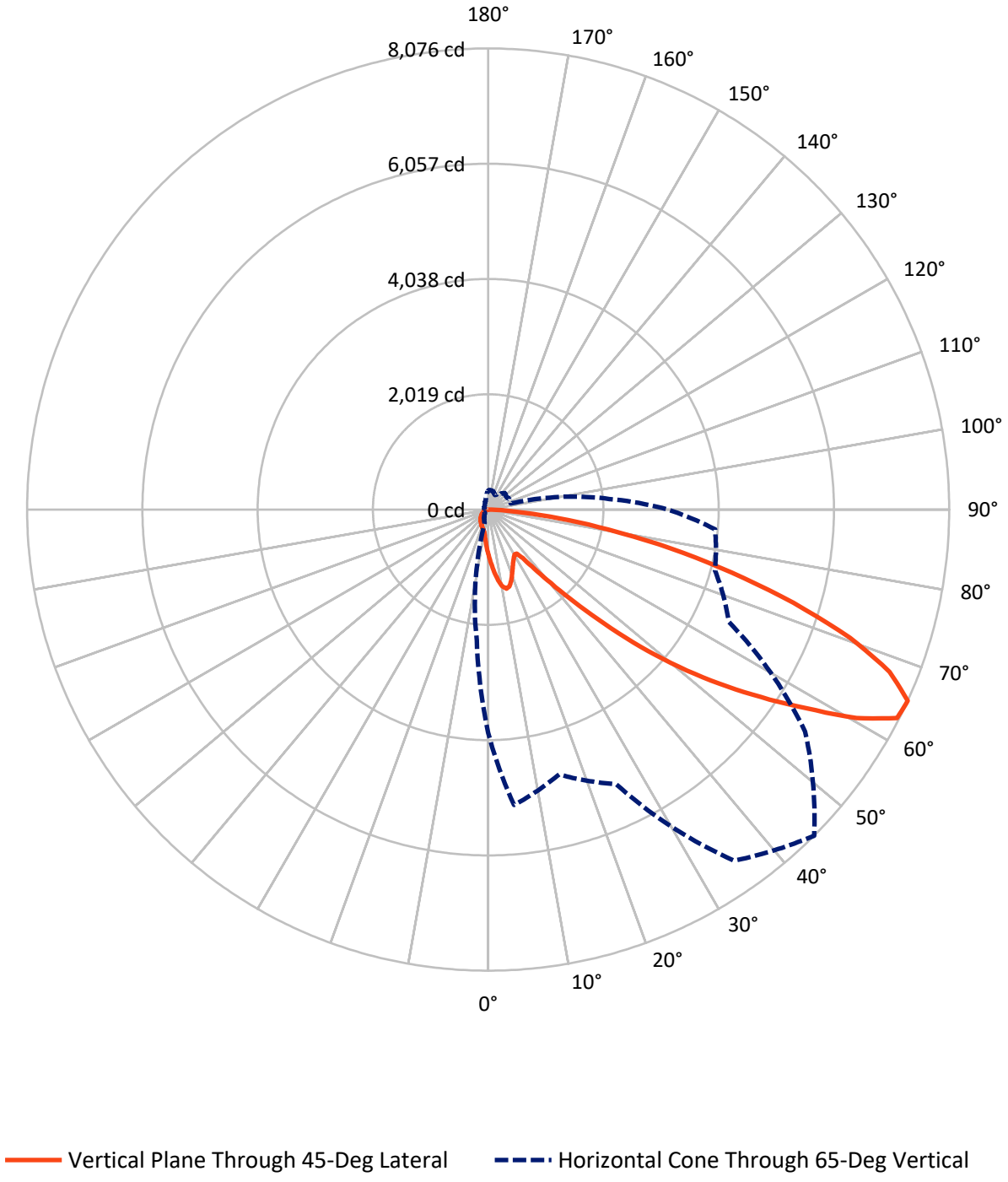
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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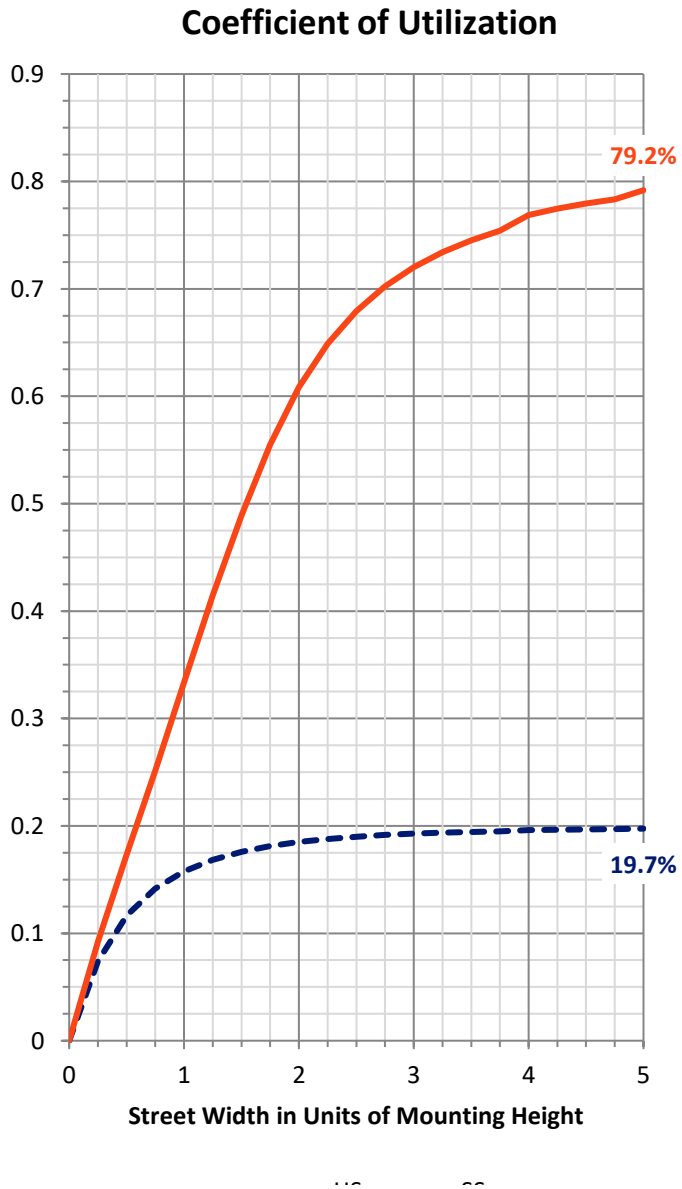
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1142.1	0.0	1142.1
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	4603.9	0.0	4603.9
	% Fixture	80.1	0.0	80.1
Total	Lumens	5746.0	0.0	5746.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.3	1.4
10°-20°	234.8	4.1
20°-30°	345.9	6.0
30°-40°	444.4	7.7
40°-50°	718.8	12.5
50°-60°	1260.5	21.9
60°-70°	1577.2	27.4
70°-80°	921.6	16.0
80°-90°	164.4	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°	5746.0	100.0
0°-180°	5746.0	100.0



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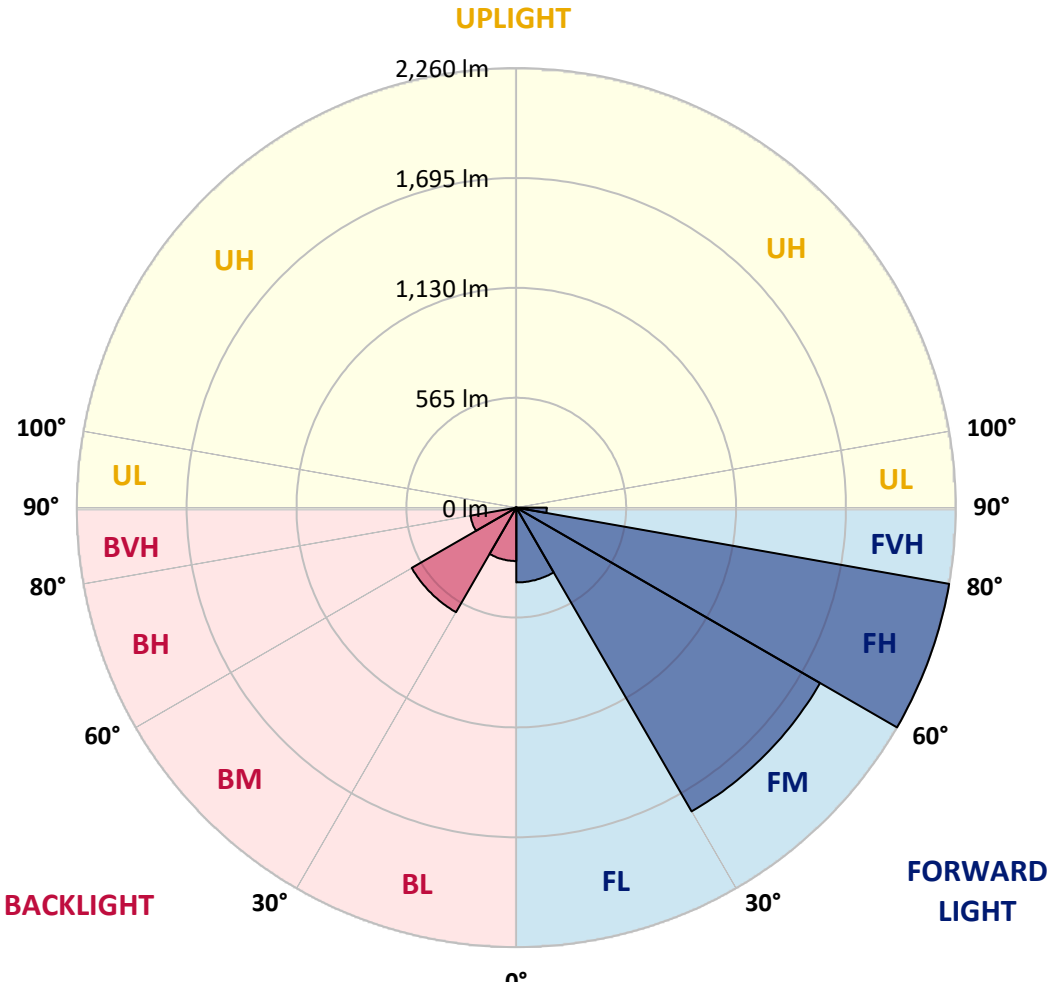
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	384.5	6.7			
FM	(30°-60°)	1803.2	31.4			
FH	(60°-80°)	2259.5	39.3			G2/5000
FVH	(80°-90°)	156.7	2.7			G2/225
BL	(0°-30°)	274.6	4.8	B1/500		
BM	(30°-60°)	620.5	10.8	B1/1000		
BH	(60°-80°)	239.3	4.2	B1/500		G1/500
BVH	(80°-90°)	7.7	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°	795.6	795.6	795.6	795.6	795.6	*795.6*	795.6	795.6	795.6	795.6	795.6
2.5°	891.4	898.2	913.2	921.1	933.4	*934.2*	934.2	923.5	923.1	901.3	899.0
5°	996.3	1012.2	1047.8	1084.6	1092.5	*1094.5*	1090.5	1069.2	1053.3	1011.0	1001.9
7.5°	1100.4	1130.9	1185.1	1234.2	1250.1	*1250.1*	1240.6	1205.7	1173.3	1111.9	1089.0
10°	1186.7	1225.1	1298.7	1353.8	1372.0	*1368.0*	1348.6	1304.7	1260.0	1185.5	1155.5
12.5°	1243.7	1286.9	1367.6	1412.0	1430.6	*1420.3*	1398.1	1355.4	1308.2	1229.9	1195.8
15°	1272.2	1317.4	1387.4	1410.8	1405.6	*1394.9*	1392.2	1371.6	1336.0	1262.7	1225.5
17.5°	1284.5	1326.5	1375.1	1360.5	1317.0	*1308.6*	1336.4	1362.5	1353.8	1291.2	1256.4
20°	1296.0	1331.2	1345.9	1280.9	1204.9	*1197.4*	1250.5	1324.9	1362.9	1317.7	1285.7
22.5°	1311.8	1333.6	1303.5	1197.0	1115.1	*1097.7*	1156.2	1268.3	1365.6	1351.4	1319.3
25°	1333.6	1339.5	1256.8	1117.5	1035.1	*1017.7*	1072.3	1205.3	1360.9	1387.8	1360.5
27.5°	1359.7	1347.4	1212.1	1051.0	971.4	*955.2*	1009.8	1144.8	1347.4	1424.2	1404.8
30°	1393.8	1357.7	1167.7	999.5	925.9	*914.0*	966.6	1092.5	1330.8	1470.5	1459.9
32.5°	1428.2	1362.1	1126.6	969.4	915.6	*919.9*	963.1	1064.4	1312.6	1514.9	1520.0
35°	1465.4	1375.9	1106.4	999.1	1001.5	*1039.5*	1057.3	1090.5	1309.8	1575.0	1595.2
37.5°	1516.1	1406.8	1130.5	1146.7	1229.1	*1307.9*	1293.2	1218.4	1341.9	1664.9	1702.5
40°	1588.9	1461.0	1235.8	1398.1	1567.1	*1695.0*	1639.2	1450.8	1440.1	1794.3	1850.5
42.5°	1695.0	1547.3	1422.6	1705.3	1991.9	*2202.5*	2052.8	1750.4	1611.9	1979.2	2050.8
45°	1851.7	1687.1	1648.7	2029.5	2515.6	*2847.3*	2536.1	2069.8	1852.5	2259.1	2315.3
47.5°	2069.1	1892.5	1860.4	2371.1	3152.1	*3581.2*	3072.1	2365.9	2126.4	2640.6	2653.7
50°	2357.6	2169.2	2061.1	2744.8	3849.9	*4329.3*	3607.7	2651.7	2440.3	3106.9	3091.9
52.5°	2738.4	2555.1	2295.1	3100.6	4567.6	*5061.6*	4145.6	2902.7	2829.9	3648.1	3617.2
55°	3257.8	3135.8	2614.9	3440.2	5284.9	*5798.3*	4662.6	3139.4	3344.4	4290.9	4104.1
57.5°	3902.2	3989.3	3076.1	3834.1	5929.7	*6557.5*	5181.9	3470.3	4012.6	5009.7	4386.7
60°	4317.8	5124.1	3959.2	4416.4	6662.4	*7416.1*	5893.7	4099.7	4714.8	5267.4	4332.9
62.5°	4217.3	5485.1	5016.9	5159.8	7336.1	*8040.3*	6591.1	4731.9	4847.1	4887.8	3918.0
65°	*3908.9*	*5193.8*	*4801.1*	*5304.2*	*7506.7*	*8075.5*	*6777.6*	*4650.3*	*4111.6*	*3990.5*	*3149.3*
67.5°	3484.6	4848.2	4288.5	4921.1	7198.3	*7583.1*	6430.4	4113.6	3177.4	2994.5	2284.8
70°	3026.6	4465.9	3952.1	4491.2	6610.5	*6724.9*	5840.2	3618.0	2337.0	2022.3	1466.2
72.5°	2592.0	4067.6	3721.7	4050.6	5826.4	*5589.6*	5071.9	3179.8	1701.7	1458.7	1042.2
75°	2147.4	3480.2	3393.5	3527.3	4795.2	*4402.9*	4214.1	2632.7	1335.6	1055.3	719.2
77.5°	1657.0	2719.4	2918.9	2824.7	3375.3	*3270.4*	3266.5	1978.4	975.7	704.2	450.9
80°	1134.1	1895.3	2280.4	1992.7	2190.6	*2137.1*	2460.1	1327.2	707.8	423.9	251.0
82.5°	666.6	1153.9	1587.3	964.7	1211.3	*1243.3*	1465.0	645.6	416.4	97.8	54.6
85°	270.4	455.6	620.7	377.6	584.3	*492.8*	556.2	181.3	116.0	2.4	0.0
87.5°	68.1	145.7	102.1	42.4	67.7	*62.1*	49.1	22.2	4.8	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°	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6
2.5°	883.5	874.4	851.8	829.3	811.1	786.5	770.3	750.9	732.3	715.7	712.5
5°	976.9	946.8	905.7	868.1	829.7	792.5	755.7	716.9	681.2	659.5	645.6
7.5°	1052.9	999.9	945.3	897.4	851.1	807.5	758.8	711.7	655.9	626.2	599.3
10°	1109.5	1039.9	968.2	913.2	866.5	824.1	783.0	735.5	668.2	631.0	590.6
12.5°	1146.7	1064.0	980.1	917.2	864.9	832.1	813.8	795.2	728.3	684.8	626.2
15°	1172.5	1081.0	988.4	908.1	843.9	819.8	838.0	859.4	816.6	766.3	689.9
17.5°	1200.6	1103.2	992.0	883.5	803.2	792.9	840.0	889.5	887.5	837.6	762.8
20°	1230.3	1122.6	989.6	843.9	753.7	762.8	823.0	880.3	904.5	877.6	811.1
22.5°	1260.7	1141.2	980.5	792.5	707.4	735.9	796.0	846.3	874.8	866.5	815.8
25°	1299.1	1167.3	967.0	737.1	669.0	708.6	764.8	805.5	825.3	824.9	790.1
27.5°	1345.1	1202.2	959.9	692.3	641.7	677.7	727.6	764.0	777.8	777.8	750.1
30°	1398.5	1243.3	952.0	663.0	625.8	645.6	684.4	720.0	733.9	733.9	710.5
32.5°	1457.9	1282.9	933.0	645.2	613.9	614.3	638.9	671.3	688.0	690.3	673.7
35°	1529.1	1325.3	891.4	631.0	600.1	583.9	595.7	622.7	642.4	647.6	637.3
37.5°	1622.5	1377.1	832.1	610.0	578.7	551.8	554.6	575.2	596.9	604.8	598.1
40°	1748.0	1438.1	770.3	579.9	548.6	516.6	515.4	530.4	551.8	560.5	556.9
42.5°	1913.9	1511.3	711.3	551.0	512.2	479.4	477.4	489.3	507.9	517.0	515.4
45°	2126.1	1601.2	660.7	528.4	476.6	444.1	443.3	453.2	469.5	479.0	477.0
47.5°	2421.0	1691.0	626.2	516.6	448.5	415.2	416.8	425.5	440.2	446.9	444.1
50°	2805.3	1718.3	608.8	516.6	433.4	389.5	397.4	404.5	415.6	419.6	416.0
52.5°	3174.2	1628.1	593.0	519.7	435.4	367.7	384.8	389.9	399.4	401.0	395.8
55°	3355.1	1399.7	571.2	520.5	447.7	349.1	374.5	384.0	387.5	387.1	378.4
57.5°	3293.0	1131.7	534.4	517.4	456.0	337.3	361.8	380.0	382.4	378.8	362.6
60°	3074.9	833.2	506.3	494.0	452.8	333.7	342.4	371.3	374.9	370.1	343.6
62.5°	2709.1	578.3	484.5	442.5	439.0	332.5	311.9	352.3	361.0	354.3	315.5
65°	*2132.8*	*408.5*	*417.2*	*387.9*	*408.9*	*326.2*	*280.3*	*329.3*	*341.2*	*330.9*	*276.3*
67.5°	1443.2	294.9	338.0	351.5	360.2	311.9	257.3	303.2	319.0	305.6	230.8
70°	779.4	207.0	223.3	296.1	306.0	287.4	236.7	276.7	294.9	280.3	188.0
72.5°	460.4	148.8	156.4	237.9	254.9	252.9	213.8	245.8	268.0	250.6	152.8
75°	253.7	100.5	111.6	172.6	207.0	195.1	183.7	208.2	230.8	213.8	118.0
77.5°	113.6	60.2	77.6	113.2	162.7	133.8	142.1	162.3	183.3	165.5	78.8
80°	43.9	33.6	51.5	61.8	118.4	74.0	91.4	119.5	134.6	120.3	47.9
82.5°	5.5	15.0	22.2	24.1	68.9	39.2	53.0	75.2	74.0	64.1	24.1
85°	0.0	2.8	3.2	1.6	29.7	14.3	17.4	24.5	23.0	17.4	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	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°	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6
2.5°	693.1	678.9	671.7	665.8	671.3	674.5	674.5	688.0	695.9	699.1	721.2
5°	610.8	584.3	566.4	555.8	559.3	563.3	567.6	584.7	596.1	603.7	638.1
7.5°	545.9	505.5	480.5	467.5	469.5	472.2	475.8	492.4	503.9	513.8	552.2
10°	513.8	456.8	423.9	408.1	405.3	403.8	402.6	412.5	421.2	429.1	467.1
12.5°	515.4	435.8	395.8	376.4	368.1	358.6	351.1	352.7	358.2	368.1	392.3
15°	535.6	429.1	381.2	357.0	343.2	332.1	323.0	321.0	323.0	324.6	339.6
17.5°	562.9	428.3	368.5	338.4	324.2	315.1	306.8	304.0	304.4	306.4	310.3
20°	584.7	425.9	354.3	320.6	308.0	300.0	291.7	289.0	289.8	290.2	294.5
22.5°	596.1	422.4	338.4	302.8	292.1	284.2	276.7	276.3	276.3	278.7	281.8
25°	596.1	414.8	324.2	285.8	276.3	269.2	260.1	261.6	262.4	265.6	270.4
27.5°	581.9	400.6	312.7	271.1	261.3	254.1	245.8	247.8	249.0	252.5	258.5
30°	563.7	383.6	299.7	257.3	245.8	240.7	233.5	234.3	235.9	239.9	246.6
32.5°	544.3	363.4	289.0	243.4	232.0	228.0	220.1	221.3	222.9	227.2	234.7
35°	522.9	339.6	276.3	230.8	219.3	216.1	207.0	207.8	210.2	214.9	222.5
37.5°	500.3	320.2	263.6	218.5	206.6	203.5	194.0	194.8	197.5	203.1	210.2
40°	478.2	301.2	250.2	205.4	193.6	190.8	180.5	181.3	184.5	190.4	197.9
42.5°	454.0	286.6	232.8	192.0	179.3	176.5	167.0	168.2	171.8	177.7	185.3
45°	425.1	277.1	213.4	179.3	165.1	162.3	153.6	156.0	159.9	165.9	173.8
47.5°	395.4	273.1	197.1	165.9	150.4	148.0	140.9	144.9	149.2	154.0	162.7
50°	366.9	268.0	180.5	153.2	137.8	135.4	130.6	135.8	140.1	144.5	152.8
52.5°	334.5	256.9	165.5	142.1	127.1	126.3	123.9	128.6	132.6	136.6	143.7
55°	300.8	239.1	152.4	132.2	118.0	118.8	117.6	121.5	124.7	128.3	134.6
57.5°	271.5	216.5	142.1	121.5	110.0	112.4	110.8	112.8	114.8	119.1	124.3
60°	241.9	189.6	130.6	108.9	102.1	104.9	100.5	100.1	100.9	102.1	111.6
62.5°	201.9	161.5	116.4	97.8	93.4	94.6	86.3	80.0	80.0	81.1	95.4
65°	*162.3*	*135.4*	*100.5*	*85.1*	*81.5*	*80.8*	*68.9*	*60.2*	*59.4*	*62.9*	*75.2*
67.5°	133.4	112.4	84.7	70.9	68.5	69.3	60.6	51.9	51.1	55.0	64.1
70°	110.4	90.6	67.7	54.6	57.0	60.6	51.9	43.5	42.4	45.9	54.6
72.5°	87.9	70.9	51.9	40.4	47.1	51.5	42.4	34.4	33.6	36.8	45.1
75°	64.5	50.7	35.2	29.3	36.4	40.4	30.9	24.5	23.4	26.1	34.4
77.5°	40.0	28.5	22.2	17.4	24.9	26.9	16.2	14.3	13.9	15.8	21.8
80°	18.6	12.3	10.7	5.9	9.1	10.7	6.7	7.5	7.9	9.5	13.5
82.5°	5.1	2.0	0.4	0.0	0.0	3.2	1.6	3.2	4.0	5.9	8.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	3.6	6.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2
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: P1201882
CATALOG NUMBER: GWC-SB1C-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	795.6	795.6	795.6	795.6	795.6	795.6	795.6	795.6
2.5°	737.8	753.7	779.0	805.1	830.9	857.0	882.3	891.4
5°	669.4	705.8	756.1	809.9	865.3	921.5	973.0	996.3
7.5°	593.0	645.2	720.8	805.1	893.4	981.7	1062.8	1100.4
10°	511.4	577.5	663.8	777.8	904.5	1026.4	1138.0	1186.7
12.5°	433.8	503.1	598.5	735.1	895.8	1052.1	1186.3	1243.7
15°	368.9	430.3	533.2	684.4	867.7	1053.7	1209.3	1272.2
17.5°	320.2	360.2	466.7	628.2	830.9	1039.1	1217.2	1284.5
20°	296.1	307.2	380.4	556.2	796.4	1025.2	1225.1	1296.0
22.5°	281.8	284.6	311.1	463.1	755.3	1020.9	1239.0	1311.8
25°	270.4	271.1	278.3	366.9	692.3	1018.1	1260.4	1333.6
27.5°	258.9	258.9	262.8	295.7	606.8	1006.2	1288.1	1359.7
30°	247.4	247.4	250.2	261.6	506.7	982.9	1321.3	1393.8
32.5°	235.5	235.5	237.9	246.2	404.5	953.6	1351.8	1428.2
35°	223.6	222.9	226.0	234.7	321.8	916.4	1382.3	1465.4
37.5°	211.0	210.6	213.8	223.6	277.9	873.2	1405.2	1516.1
40°	197.5	197.5	201.1	211.8	265.2	819.0	1441.6	1588.9
42.5°	185.3	184.5	188.4	201.5	255.7	767.1	1507.0	1695.0
45°	173.4	171.8	175.4	191.6	239.1	748.9	1628.9	1851.7
47.5°	162.3	158.3	161.5	179.7	224.0	817.0	1828.4	2069.1
50°	153.2	145.7	148.4	167.8	212.6	964.7	2087.3	2357.6
52.5°	143.7	133.8	135.4	153.2	202.3	1105.2	2367.9	2738.4
55°	133.8	122.7	123.5	138.5	187.6	1126.2	2641.8	3257.8
57.5°	122.7	112.4	112.4	125.1	176.9	976.1	2852.4	3902.2
60°	110.4	103.7	101.7	114.4	186.4	688.8	2877.0	4317.8
62.5°	97.0	93.4	90.6	104.1	193.6	408.1	2679.4	4217.3
65°	*81.5*	*80.8*	*78.8*	*114.4*	*163.1*	*241.1*	*2300.2*	*3908.9*
67.5°	68.5	67.3	67.3	119.9	123.9	151.6	1797.1	3484.6
70°	59.0	54.6	54.6	90.6	75.2	104.9	1254.8	3026.6
72.5°	49.5	44.7	41.6	72.4	56.2	76.8	784.2	2592.0
75°	39.6	36.0	32.1	47.9	42.0	58.2	455.6	2147.4
77.5°	28.5	26.9	22.6	35.2	30.5	42.0	271.1	1657.0
80°	14.6	15.0	14.3	20.2	20.6	28.5	154.4	1134.1
82.5°	8.7	6.7	7.5	9.9	11.9	16.2	58.2	666.6
85°	5.5	3.6	3.6	4.8	5.9	6.3	17.8	270.4
87.5°	2.8	1.2	1.6	2.4	2.0	1.6	0.8	68.1
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)