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: P1201972

Luminaire Tested: GWC-SB1C-827-U-SLR-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:	P1201972
	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-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4997 lumens
Efficiency:	N/A
Efficacy:	91.9 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

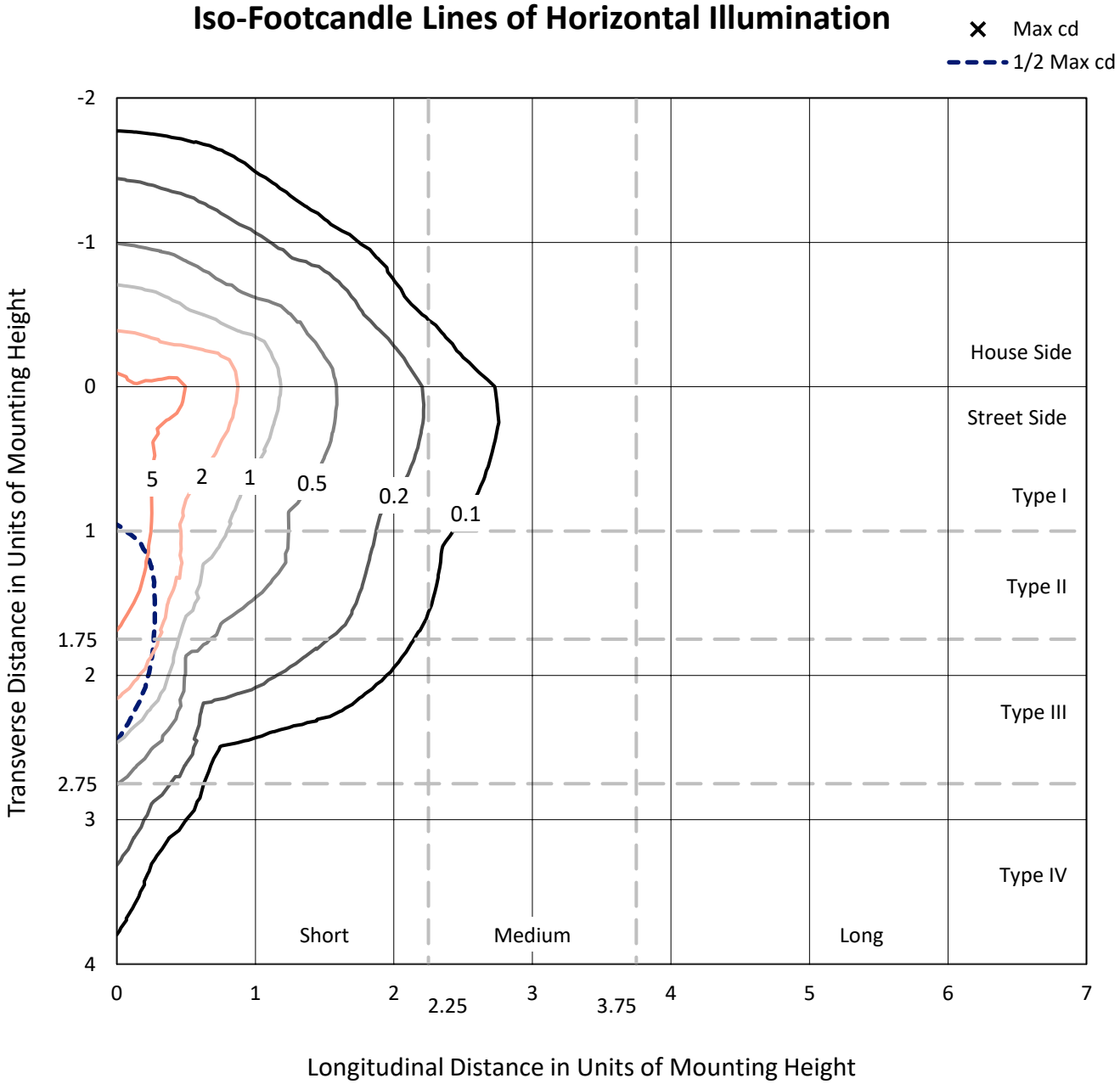


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Iso-Footcandle Lines of Horizontal Illumination



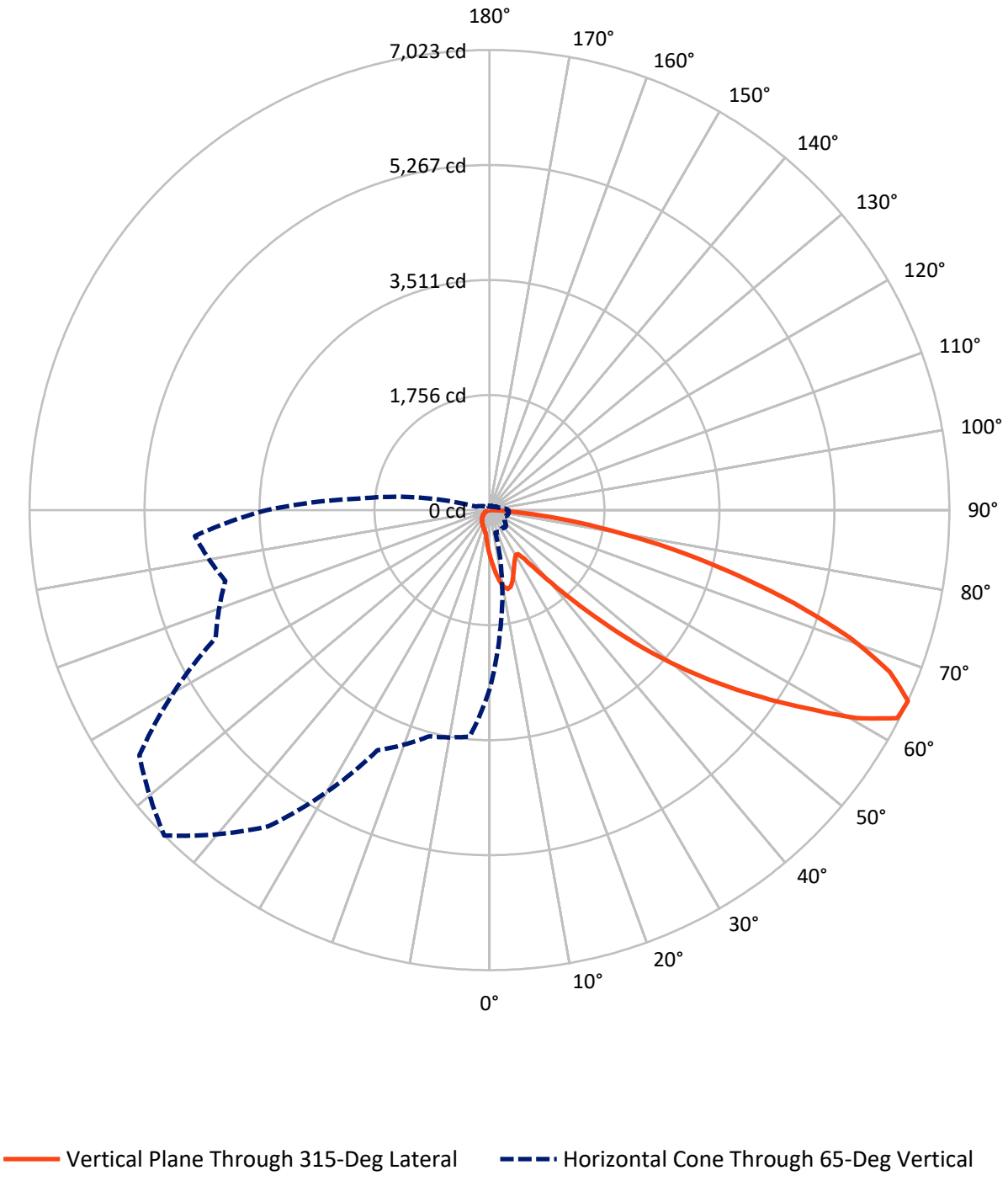
Based on 10 foot mounting height. Maximum calculated value = 9.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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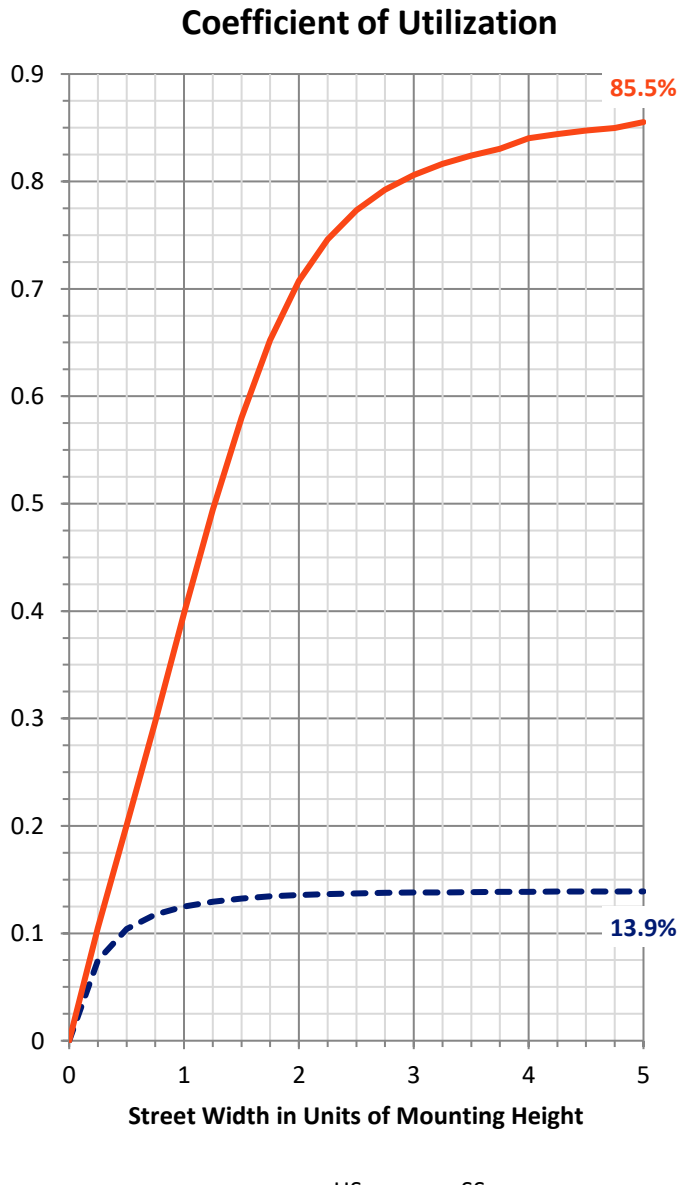
REPORT NUMBER: P1201972
CATALOG NUMBER: GWC-SB1C-827-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	699.8	0.0	699.8
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	4297.2	0.0	4297.2
	% Fixture	86.0	0.0	86.0
Total	Lumens	4997.0	0.0	4997.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	1.4
10°-20°	204.2	4.1
20°-30°	300.8	6.0
30°-40°	386.5	7.7
40°-50°	625.1	12.5
50°-60°	1096.2	21.9
60°-70°	1371.6	27.4
70°-80°	801.5	16.0
80°-90°	143.0	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°	4997.0	100.0
0°-180°	4997.0	100.0



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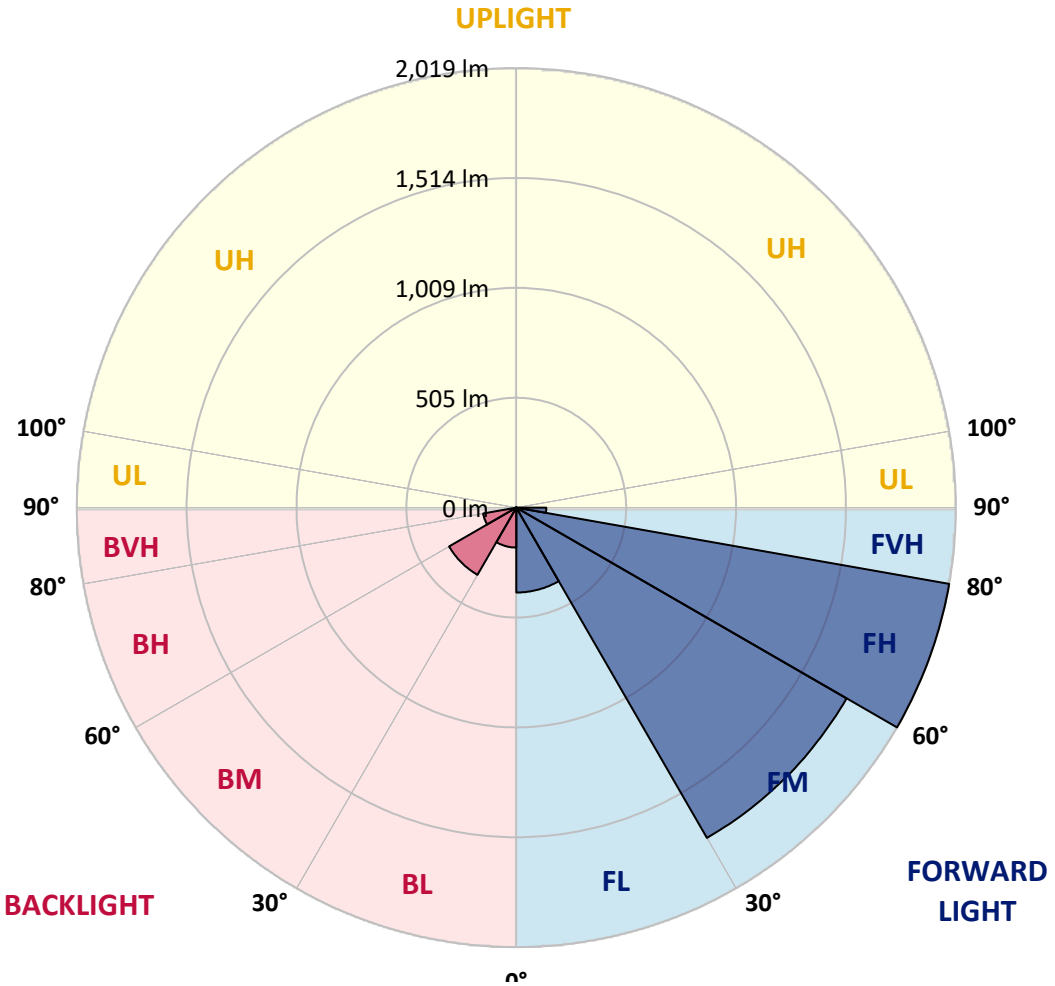
Scaled Data Report

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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°)	389.7	7.8			
FM	(30°-60°)	1751.4	35.0			
FH	(60°-80°)	2018.6	40.4			G2/5000
FVH	(80°-90°)	137.5	2.8			G2/225
BL	(0°-30°)	183.4	3.7	B1/500		
BM	(30°-60°)	356.4	7.1	B1/1000		
BH	(60°-80°)	154.5	3.1	B1/500		G1/500
BVH	(80°-90°)	5.5	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°	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9
2.5°	781.8	768.3	760.4	740.8	721.2	705.4	684.0	669.9	653.0	636.8	622.4
5°	871.3	849.6	823.4	787.6	754.9	721.5	689.2	657.2	623.4	592.4	573.5
7.5°	947.0	915.7	869.6	822.0	780.4	740.1	702.3	659.9	618.9	570.4	544.6
10°	1004.8	964.9	904.3	842.0	794.2	753.5	716.7	680.9	639.6	581.1	548.7
12.5°	1040.0	997.3	925.3	852.3	797.6	752.2	723.6	707.8	691.6	633.4	595.5
15°	1065.8	1019.6	940.1	859.6	789.7	733.9	712.9	728.8	747.3	710.2	666.5
17.5°	1092.6	1044.1	959.4	862.7	768.3	698.5	689.5	730.5	773.5	771.8	728.4
20°	1118.1	1069.9	976.3	860.6	733.9	655.4	663.4	715.7	765.6	786.6	763.2
22.5°	1147.4	1096.4	992.4	852.7	689.2	615.2	639.9	692.3	736.0	760.8	753.5
25°	1183.2	1129.8	1015.2	841.0	641.0	581.8	616.2	665.1	700.5	717.7	717.4
27.5°	1221.7	1169.7	1045.5	834.8	602.1	558.0	589.3	632.7	664.4	676.4	676.4
30°	1269.6	1216.2	1081.3	827.9	576.6	544.2	561.5	595.2	626.2	638.2	638.2
32.5°	1321.9	1267.8	1115.7	811.4	561.1	533.9	534.3	555.6	583.8	598.3	600.4
35°	1387.3	1329.8	1152.5	775.2	548.7	521.9	507.8	518.1	541.5	558.7	563.2
37.5°	1480.6	1411.0	1197.6	723.6	530.5	503.3	479.9	482.3	500.2	519.1	526.0
40°	1609.3	1520.2	1250.6	669.9	504.3	477.1	449.2	448.2	461.3	479.9	487.4
42.5°	1783.5	1664.4	1314.3	618.6	479.2	445.4	416.9	415.2	425.5	441.7	449.6
45°	2013.5	1848.9	1392.5	574.5	459.6	414.5	386.2	385.6	394.2	408.3	416.5
47.5°	2307.8	2105.4	1470.6	544.6	449.2	390.0	361.1	362.5	370.1	382.8	388.6
50°	2688.9	2439.6	1494.4	529.4	449.2	376.9	338.7	345.6	351.8	361.5	364.9
52.5°	3145.7	2760.5	1415.9	515.7	452.0	378.7	319.8	334.6	339.1	347.3	348.7
55°	3569.1	2917.8	1217.2	496.7	452.7	389.3	303.6	325.7	333.9	337.0	336.7
57.5°	3814.9	2863.7	984.2	464.7	449.9	396.6	293.3	314.6	330.5	332.5	329.4
60°	3768.1	2674.1	724.6	440.3	429.6	393.8	290.2	297.8	322.9	326.0	321.9
62.5°	3407.3	2356.0	502.9	421.4	384.9	381.8	289.2	271.3	306.4	313.9	308.1
65°	*2738.8*	*1854.8*	*355.3*	*362.8*	*337.4*	*355.6*	*283.7*	*243.7*	*286.4*	*296.7*	*287.8*
67.5°	1987.0	1255.1	256.5	294.0	305.7	313.3	271.3	223.8	263.7	277.5	265.8
70°	1275.1	677.8	180.0	194.2	257.5	266.1	249.9	205.9	240.6	256.5	243.7
72.5°	906.4	400.4	129.4	136.0	206.9	221.7	220.0	185.9	213.8	233.1	217.9
75°	625.5	220.7	87.4	97.1	150.1	180.0	169.7	159.7	181.1	200.7	185.9
77.5°	392.1	98.8	52.3	67.5	98.5	141.5	116.4	123.6	141.1	159.4	143.9
80°	218.2	38.2	29.3	44.8	53.7	102.9	64.4	79.5	104.0	117.0	104.6
82.5°	47.5	4.8	13.1	19.3	21.0	59.9	34.1	46.1	65.4	64.4	55.8
85°	0.0	0.0	2.4	2.8	1.4	25.8	12.4	15.1	21.3	20.0	15.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	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

REPORT NUMBER: P1201972
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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9
2.5°	619.6	602.8	590.4	584.2	579.0	583.8	586.6	586.6	598.3	605.2	607.9
5°	561.5	531.2	508.1	492.6	483.3	486.4	489.9	493.6	508.4	518.4	525.0
7.5°	521.2	474.7	439.6	417.9	406.5	408.3	410.7	413.8	428.2	438.2	446.8
10°	513.6	446.8	397.3	368.7	354.9	352.5	351.1	350.1	358.7	366.3	373.2
12.5°	544.6	448.2	379.0	344.2	327.4	320.1	311.9	305.3	306.7	311.5	320.1
15°	600.0	465.8	373.2	331.5	310.5	298.5	288.8	280.9	279.2	280.9	282.3
17.5°	663.4	489.5	372.5	320.5	294.3	281.9	274.0	266.8	264.4	264.7	266.4
20°	705.4	508.4	370.4	308.1	278.8	267.8	260.9	253.7	251.3	252.0	252.3
22.5°	709.5	518.4	367.3	294.3	263.3	254.0	247.2	240.6	240.3	240.3	242.3
25°	687.1	518.4	360.8	281.9	248.5	240.3	234.1	226.2	227.5	228.2	231.0
27.5°	652.3	506.0	348.4	272.0	235.8	227.2	221.0	213.8	215.5	216.5	219.6
30°	617.9	490.2	333.6	260.6	223.8	213.8	209.3	203.1	203.8	205.2	208.6
32.5°	585.9	473.3	316.0	251.3	211.7	201.7	198.3	191.4	192.4	193.8	197.6
35°	554.2	454.7	295.4	240.3	200.7	190.7	188.0	180.0	180.7	182.8	186.9
37.5°	520.1	435.1	278.5	229.3	190.0	179.7	176.9	168.7	169.4	171.8	176.6
40°	484.3	415.8	262.0	217.6	178.7	168.3	165.9	157.0	157.7	160.4	165.6
42.5°	448.2	394.8	249.2	202.4	167.0	155.9	153.5	145.3	146.3	149.4	154.6
45°	414.8	369.7	241.0	185.5	155.9	143.5	141.1	133.6	135.6	139.1	144.2
47.5°	386.2	343.9	237.5	171.4	144.2	130.8	128.7	122.5	126.0	129.8	133.9
50°	361.8	319.1	233.1	157.0	133.2	119.8	117.7	113.6	118.1	121.9	125.6
52.5°	344.2	290.9	223.4	143.9	123.6	110.5	109.8	107.7	111.9	115.3	118.8
55°	329.1	261.6	207.9	132.5	115.0	102.6	103.3	102.2	105.7	108.4	111.5
57.5°	315.3	236.1	188.3	123.6	105.7	95.7	97.8	96.4	98.1	99.8	103.6
60°	298.8	210.3	164.9	113.6	94.7	88.8	91.2	87.4	87.1	87.8	88.8
62.5°	274.4	175.6	140.5	101.2	85.0	81.2	82.3	75.0	69.5	69.5	70.6
65°	*240.3*	*141.1*	*117.7*	*87.4*	*74.0*	*70.9*	*70.2*	*59.9*	*52.3*	*51.6*	*54.7*
67.5°	200.7	116.0	97.8	73.7	61.6	59.6	60.2	52.7	45.1	44.4	47.8
70°	163.5	96.0	78.8	58.9	47.5	49.6	52.7	45.1	37.9	36.8	39.9
72.5°	132.9	76.4	61.6	45.1	35.1	41.0	44.8	36.8	29.9	29.3	32.0
75°	102.6	56.1	44.1	30.6	25.5	31.7	35.1	26.9	21.3	20.3	22.7
77.5°	68.5	34.8	24.8	19.3	15.1	21.7	23.4	14.1	12.4	12.0	13.8
80°	41.7	16.2	10.7	9.3	5.2	7.9	9.3	5.9	6.5	6.9	8.3
82.5°	21.0	4.5	1.7	0.3	0.0	0.0	2.8	1.4	2.8	3.4	5.2
85°	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	3.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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°	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9	691.9
2.5°	627.2	641.7	655.4	677.5	700.2	722.6	745.3	767.3	775.2	781.1	794.2
5°	554.9	582.1	613.8	657.5	704.3	752.5	801.4	846.1	866.5	880.2	911.2
7.5°	480.2	515.7	561.1	626.9	700.2	777.0	853.7	924.3	957.0	983.5	1030.7
10°	406.2	444.8	502.2	577.3	676.4	786.6	892.6	989.7	1032.0	1065.4	1129.5
12.5°	341.1	377.3	437.5	520.5	639.3	779.0	915.0	1031.7	1081.6	1119.1	1189.4
15°	295.4	320.8	374.2	463.7	595.2	754.6	916.4	1051.7	1106.4	1145.6	1206.6
17.5°	269.9	278.5	313.3	405.9	546.3	722.6	903.6	1058.5	1117.1	1153.6	1195.9
20°	256.1	257.5	267.1	330.8	483.7	692.6	891.6	1065.4	1127.0	1157.7	1170.4
22.5°	245.1	245.1	247.5	270.6	402.8	656.8	887.8	1077.5	1140.8	1159.7	1133.6
25°	235.1	235.1	235.8	242.0	319.1	602.1	885.4	1096.1	1159.7	1164.9	1093.0
27.5°	224.8	225.1	225.1	228.6	257.1	527.7	875.1	1120.2	1182.5	1171.8	1054.1
30°	214.5	215.2	215.2	217.6	227.5	440.6	854.8	1149.1	1212.1	1180.7	1015.5
32.5°	204.1	204.8	204.8	206.9	214.1	351.8	829.3	1175.6	1242.0	1184.5	979.7
35°	193.5	194.5	193.8	196.6	204.1	279.9	796.9	1202.1	1274.4	1196.6	962.2
37.5°	182.8	183.5	183.1	185.9	194.5	241.7	759.4	1222.1	1318.4	1223.4	983.2
40°	172.1	171.8	171.8	174.9	184.2	230.6	712.2	1253.7	1381.8	1270.6	1074.7
42.5°	161.1	161.1	160.4	163.9	175.2	222.4	667.1	1310.5	1474.0	1345.6	1237.2
45°	151.1	150.8	149.4	152.5	166.6	207.9	651.3	1416.6	1610.4	1467.2	1433.8
47.5°	141.5	141.1	137.7	140.5	156.3	194.8	710.5	1590.0	1799.3	1645.8	1617.9
50°	132.9	133.2	126.7	129.1	146.0	184.9	838.9	1815.2	2050.3	1886.4	1792.5
52.5°	125.0	125.0	116.4	117.7	133.2	175.9	961.1	2059.3	2381.5	2222.1	1995.9
55°	117.0	116.4	106.7	107.4	120.5	163.2	979.4	2297.5	2833.1	2727.1	2274.1
57.5°	108.1	106.7	97.8	97.8	108.8	153.9	848.9	2480.6	3393.5	3469.3	2675.1
60°	97.1	96.0	90.2	88.5	99.5	162.1	599.0	2501.9	3755.0	4456.2	3443.1
62.5°	83.0	84.3	81.2	78.8	90.5	168.3	354.9	2330.2	3667.5	4770.1	4362.9
65°	*65.4*	*70.9*	*70.2*	*68.5*	*99.5*	*141.8*	*209.6*	*2000.4*	*3399.4*	*4516.8*	*4175.3*
67.5°	55.8	59.6	58.5	58.5	104.3	107.7	131.8	1562.9	3030.4	4216.3	3729.5
70°	47.5	51.3	47.5	47.5	78.8	65.4	91.2	1091.2	2632.1	3883.7	3436.9
72.5°	39.2	43.0	38.9	36.1	63.0	48.9	66.8	681.9	2254.1	3537.4	3236.6
75°	29.9	34.4	31.3	27.9	41.7	36.5	50.6	396.2	1867.5	3026.6	2951.2
77.5°	18.9	24.8	23.4	19.6	30.6	26.5	36.5	235.8	1441.0	2364.9	2538.4
80°	11.7	12.7	13.1	12.4	17.6	17.9	24.8	134.3	986.3	1648.2	1983.2
82.5°	7.6	7.6	5.9	6.5	8.6	10.3	14.1	50.6	579.7	1003.5	1380.4
85°	5.5	4.8	3.1	3.1	4.1	5.2	5.5	15.5	235.1	396.2	539.8
87.5°	2.8	2.4	1.0	1.4	2.1	1.7	1.4	0.7	59.2	126.7	88.8
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: P1201972
CATALOG NUMBER: GWC-SB1C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	691.9	691.9	*691.9*	691.9	691.9	691.9	691.9	691.9
2.5°	801.0	811.7	*812.4*	812.4	803.1	802.8	783.8	781.8
5°	943.2	950.1	*951.8*	948.4	929.8	916.0	879.2	871.3
7.5°	1073.3	1087.1	*1087.1*	1078.9	1048.6	1020.3	967.0	947.0
10°	1177.3	1193.1	*1189.7*	1172.8	1134.6	1095.7	1031.0	1004.8
12.5°	1227.9	1244.1	*1235.1*	1215.9	1178.7	1137.7	1069.6	1040.0
15°	1226.9	1222.4	*1213.1*	1210.7	1192.8	1161.8	1098.1	1065.8
17.5°	1183.2	1145.3	*1138.1*	1162.2	1184.9	1177.3	1122.9	1092.6
20°	1114.0	1047.9	*1041.3*	1087.5	1152.2	1185.2	1146.0	1118.1
22.5°	1041.0	969.7	*954.6*	1005.5	1102.9	1187.6	1175.2	1147.4
25°	971.8	900.2	*885.0*	932.5	1048.2	1183.5	1206.9	1183.2
27.5°	914.0	844.8	*830.7*	878.2	995.5	1171.8	1238.6	1221.7
30°	869.2	805.2	*794.9*	840.6	950.1	1157.3	1278.9	1269.6
32.5°	843.0	796.2	*800.0*	837.5	925.7	1141.5	1317.4	1321.9
35°	868.9	870.9	*904.0*	919.5	948.4	1139.1	1369.7	1387.3
37.5°	997.3	1068.9	*1137.4*	1124.6	1059.6	1167.0	1447.9	1480.6
40°	1215.9	1362.9	*1474.0*	1425.5	1261.6	1252.3	1560.4	1609.3
42.5°	1483.0	1732.2	*1915.4*	1785.2	1522.2	1401.7	1721.2	1783.5
45°	1764.9	2187.7	*2476.1*	2205.6	1800.0	1611.0	1964.6	2013.5
47.5°	2062.0	2741.2	*3114.3*	2671.7	2057.5	1849.3	2296.4	2307.8
50°	2387.0	3348.1	*3765.0*	3137.4	2306.1	2122.2	2701.9	2688.9
52.5°	2696.4	3972.2	*4401.8*	3605.2	2524.3	2461.0	3172.5	3145.7
55°	2991.8	4596.0	*5042.4*	4054.8	2730.2	2908.5	3731.6	3569.1
57.5°	3334.3	5156.7	*5702.7*	4506.5	3018.0	3489.6	4356.7	3814.9
60°	3840.7	5793.9	*6449.4*	5125.4	3565.3	4100.3	4580.8	3768.1
62.5°	4487.2	6379.8	*6992.2*	5732.0	4115.1	4215.2	4250.7	3407.3
65°	*4612.8*	*6528.2*	*7022.9*	*5894.1*	*4044.1*	*3575.6*	*3470.3*	*2738.8*
67.5°	4279.6	6260.0	*6594.6*	5592.2	3577.4	2763.2	2604.2	1987.0
70°	3905.8	5748.8	*5848.3*	5078.9	3146.4	2032.4	1758.7	1275.1
72.5°	3522.6	5066.9	*4861.0*	4410.8	2765.3	1479.9	1268.5	906.4
75°	3067.5	4170.1	*3829.0*	3664.8	2289.5	1161.5	917.7	625.5
77.5°	2456.5	2935.3	*2844.1*	2840.7	1720.5	848.6	612.4	392.1
80°	1732.9	1905.0	*1858.6*	2139.5	1154.2	615.5	368.7	218.2
82.5°	838.9	1053.4	*1081.3*	1274.0	561.5	362.1	85.0	47.5
85°	328.4	508.1	*428.6*	483.7	157.7	100.9	2.1	0.0
87.5°	36.8	58.9	*54.0*	42.7	19.3	4.1	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)