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: P1203380

Luminaire Tested: GWC-SB2C-735-U-SLR-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203380
	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-SB2C-735-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11428 lumens
Efficiency:	N/A
Efficacy:	113.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

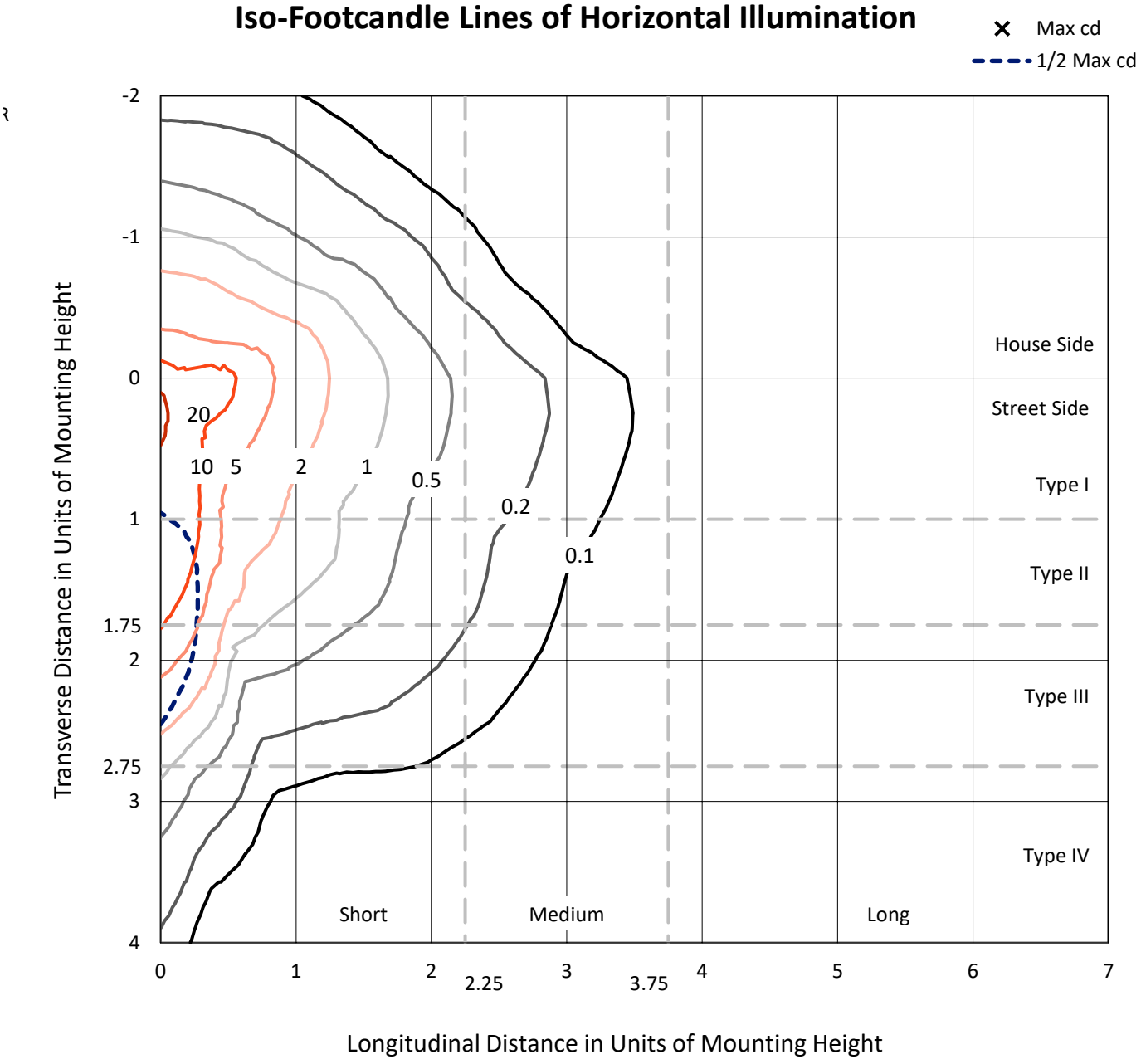


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Iso-Footcandle Lines of Horizontal Illumination



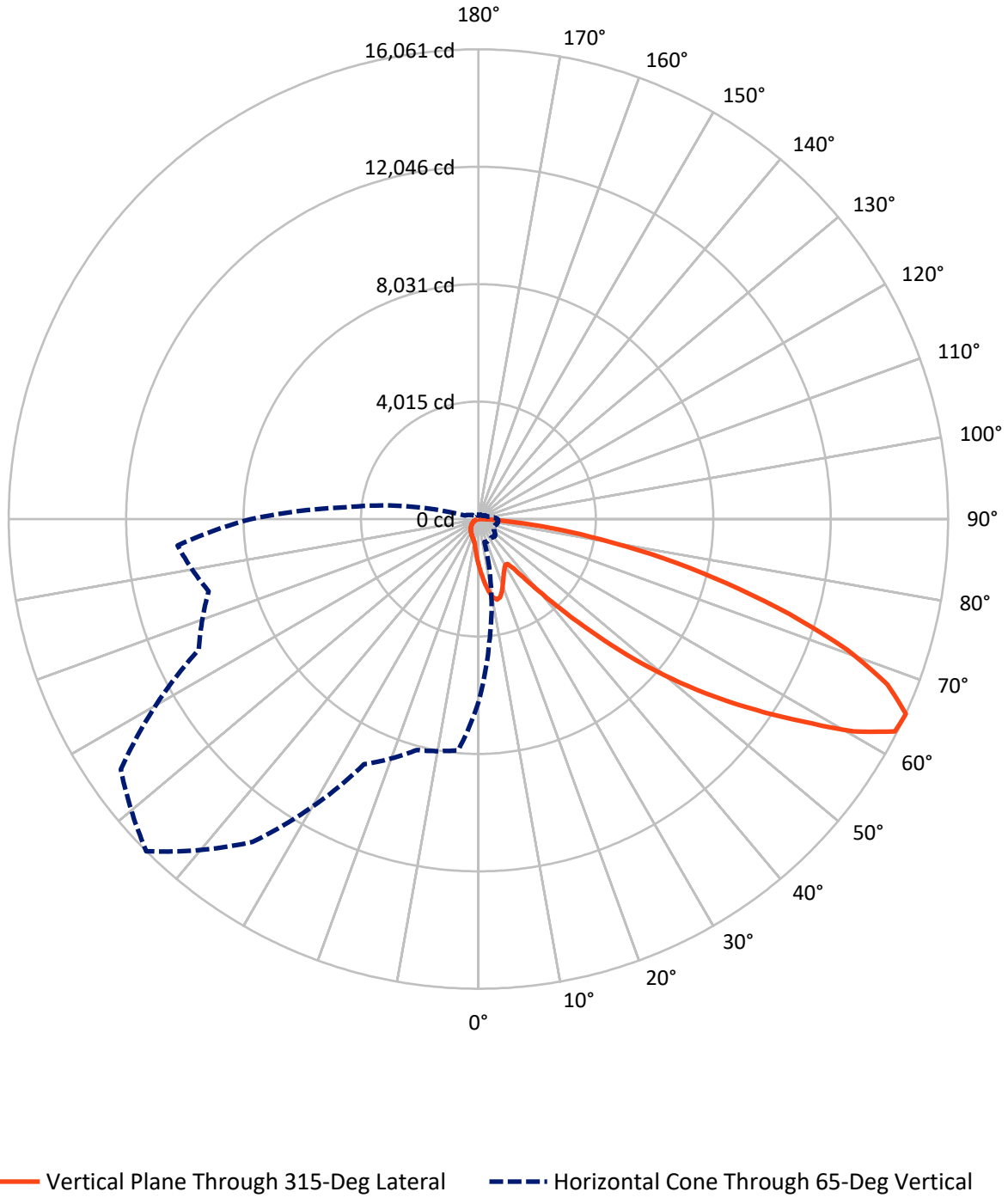
Based on 10 foot mounting height. Maximum calculated value = 22 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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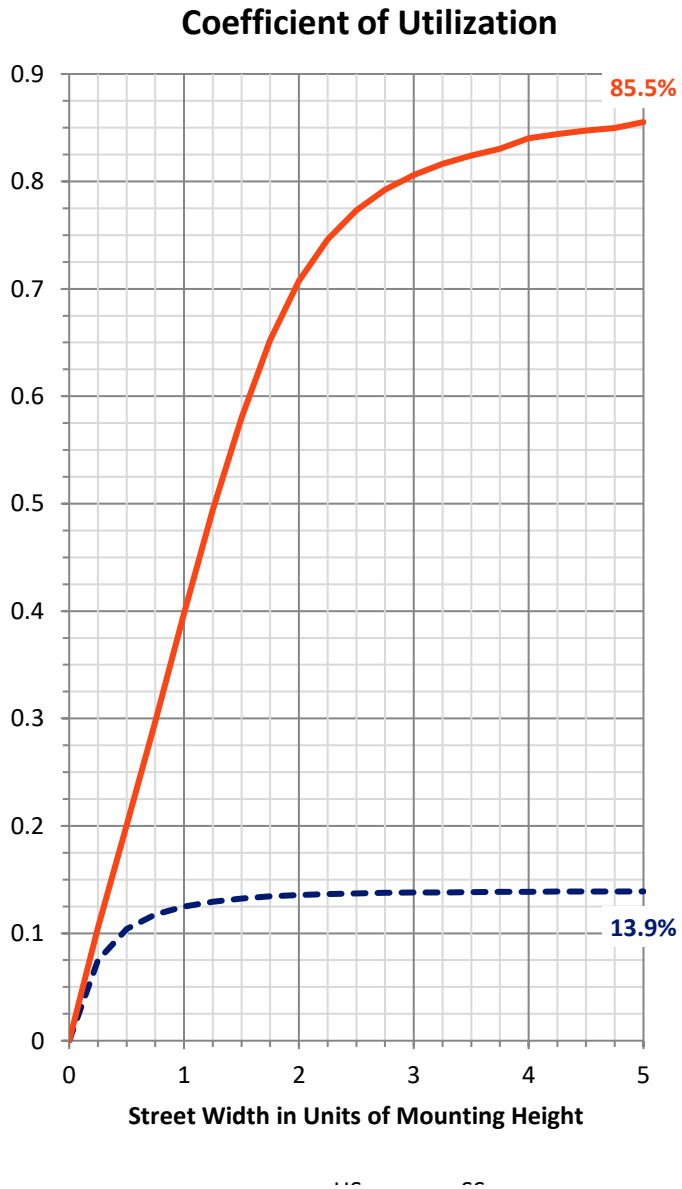
REPORT NUMBER: P1203380
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1600.4	0.0	1600.4
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	9827.6	0.0	9827.6
	% Fixture	86.0	0.0	86.0
Total	Lumens	11428.0	0.0	11428.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.8	1.4
10°-20°	467.0	4.1
20°-30°	688.0	6.0
30°-40°	883.9	7.7
40°-50°	1429.6	12.5
50°-60°	2506.9	21.9
60°-70°	3136.8	27.4
70°-80°	1833.0	16.0
80°-90°	327.0	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°	11428.0	100.0
0°-180°	11428.0	100.0



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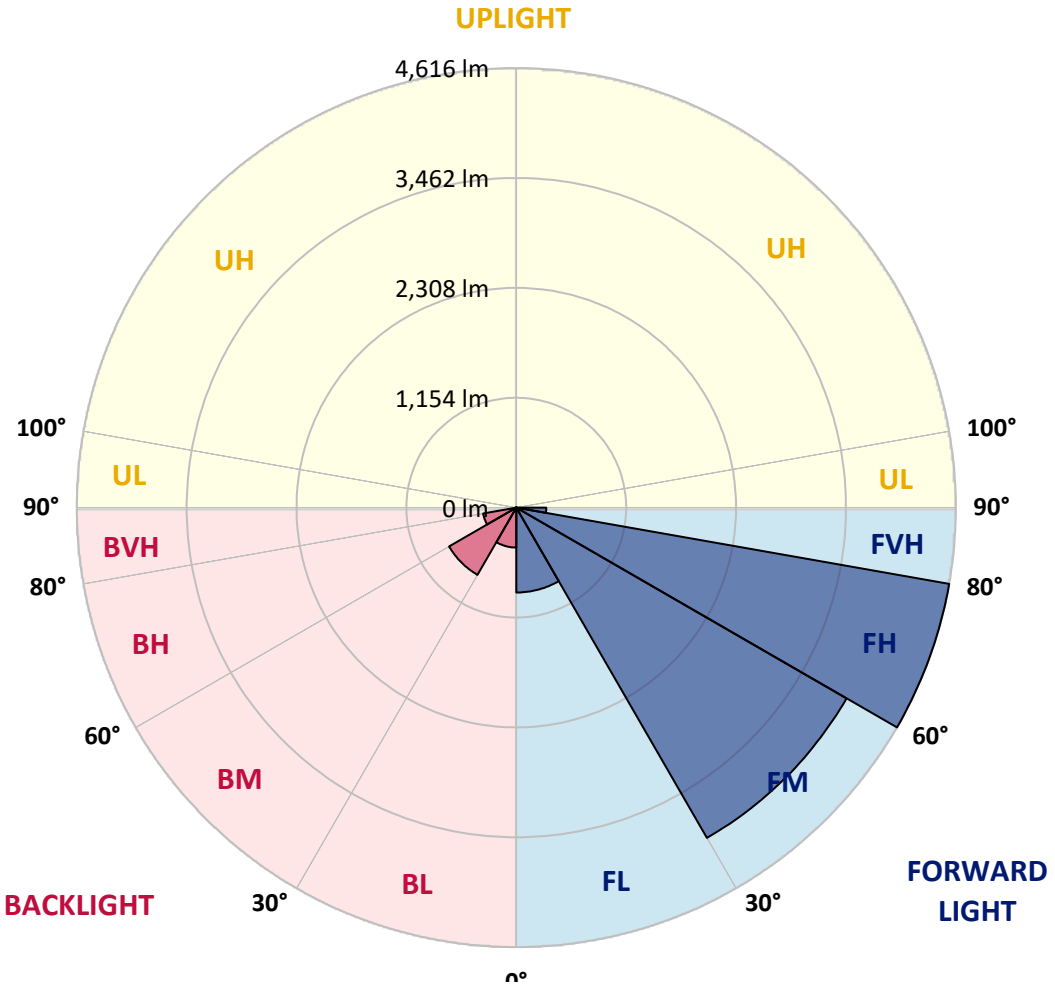
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	891.3	7.8			
FM	(30°-60°)	4005.4	35.0			
FH	(60°-80°)	4616.4	40.4			G2/5000
FVH	(80°-90°)	314.5	2.8			G3/500
BL	(0°-30°)	419.5	3.7	B1/500		
BM	(30°-60°)	815.0	7.1	B1/1000		
BH	(60°-80°)	353.4	3.1	B1/500		G1/500
BVH	(80°-90°)	12.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4
2.5°	1787.9	1757.2	1739.1	1694.2	1649.3	1613.1	1564.3	1532.0	1493.5	1456.4	1423.4
5°	1992.6	1943.0	1883.1	1801.3	1726.5	1650.1	1576.1	1502.9	1425.7	1354.9	1311.6
7.5°	2165.8	2094.1	1988.6	1880.0	1784.7	1692.6	1606.0	1509.2	1415.5	1304.5	1245.5
10°	2298.0	2206.7	2068.2	1925.7	1816.2	1723.3	1639.1	1557.2	1462.7	1328.9	1254.9
12.5°	2378.3	2280.7	2116.2	1949.3	1824.1	1720.2	1654.8	1618.6	1581.6	1448.6	1362.0
15°	2437.4	2331.9	2150.0	1965.8	1806.0	1678.5	1630.4	1666.7	1709.2	1624.1	1524.2
17.5°	2498.8	2387.8	2194.1	1972.9	1757.2	1597.4	1576.9	1670.6	1769.0	1765.1	1665.9
20°	2557.1	2446.8	2232.7	1968.2	1678.5	1499.0	1517.1	1636.7	1750.9	1798.9	1745.4
22.5°	2624.0	2507.5	2269.7	1950.1	1576.1	1406.9	1463.5	1583.2	1683.2	1739.9	1723.3
25°	2705.8	2583.8	2321.7	1923.3	1465.9	1330.5	1409.2	1521.0	1602.1	1641.5	1640.7
27.5°	2794.0	2675.1	2390.9	1909.1	1376.9	1276.2	1347.8	1447.0	1519.4	1547.0	1547.0
30°	2903.5	2781.4	2472.8	1893.4	1318.7	1244.7	1284.0	1361.2	1432.0	1459.6	1459.6
32.5°	3023.1	2899.5	2551.5	1855.6	1283.2	1221.1	1221.8	1270.7	1335.2	1368.3	1373.0
35°	3172.7	3041.2	2635.8	1772.9	1254.9	1193.5	1161.2	1184.8	1238.4	1277.7	1288.0
37.5°	3386.0	3227.0	2738.9	1654.8	1213.2	1151.0	1097.5	1103.0	1143.9	1187.2	1202.9
40°	3680.5	3476.6	2860.2	1532.0	1153.4	1091.2	1027.4	1025.0	1054.9	1097.5	1114.8
42.5°	4078.8	3806.4	3005.8	1414.7	1095.9	1018.7	953.4	949.4	973.1	1010.1	1028.2
45°	4604.7	4228.4	3184.5	1314.0	1051.0	947.9	883.3	881.7	901.4	933.7	952.6
47.5°	5277.9	4814.9	3363.2	1245.5	1027.4	892.0	825.8	829.0	846.3	875.4	888.8
50°	6149.4	5579.4	3417.5	1210.8	1027.4	862.1	774.7	790.4	804.6	826.6	834.5
52.5°	7194.1	6313.1	3238.0	1179.3	1033.7	866.0	731.4	765.2	775.5	794.4	797.5
55°	8162.4	6672.9	2783.8	1136.0	1035.3	890.4	694.4	744.8	763.7	770.7	769.9
57.5°	8724.5	6549.3	2250.8	1062.8	1029.0	906.9	670.8	719.6	755.8	760.5	753.4
60°	8617.5	6115.5	1657.2	1006.9	982.5	900.6	663.7	681.0	738.5	745.5	736.1
62.5°	7792.4	5388.1	1150.2	963.6	880.2	873.1	661.3	620.4	700.7	718.0	704.6
65°	*6263.5*	*4241.8*	*812.5*	*829.8*	*771.5*	*813.2*	*648.7*	*557.4*	*655.0*	*678.6*	*658.2*
67.5°	4544.1	2870.4	586.5	672.3	699.1	716.4	620.4	511.7	603.0	634.5	607.8
70°	2916.0	1550.1	411.7	444.0	588.9	608.6	571.6	470.8	550.3	586.5	557.4
72.5°	2072.9	915.6	296.0	311.0	473.1	507.0	503.1	425.1	488.9	533.0	498.3
75°	1430.5	504.6	200.0	222.0	343.2	411.7	388.1	365.3	414.1	459.0	425.1
77.5°	896.7	225.9	119.7	154.3	225.2	323.6	266.1	282.6	322.8	364.5	329.1
80°	499.1	87.4	66.9	102.3	122.8	235.4	147.2	181.9	237.8	267.7	239.3
82.5°	108.6	11.0	29.9	44.1	48.0	137.0	77.9	105.5	149.6	147.2	127.5
85°	0.0	0.0	5.5	6.3	3.1	59.0	28.3	34.6	48.8	45.7	34.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	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°	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4
2.5°	1417.1	1378.5	1350.2	1336.0	1324.2	1335.2	1341.5	1341.5	1368.3	1384.0	1390.3
5°	1284.0	1214.8	1162.0	1126.6	1105.3	1112.4	1120.3	1128.9	1162.8	1185.6	1200.6
7.5°	1191.9	1085.6	1005.3	955.7	929.8	933.7	939.2	946.3	979.4	1002.2	1021.9
10°	1174.6	1021.9	908.5	843.2	811.7	806.2	803.0	800.7	820.3	837.7	853.4
12.5°	1245.5	1025.0	866.8	787.3	748.7	732.2	713.3	698.3	701.5	712.5	732.2
15°	1372.2	1065.2	853.4	758.1	710.1	682.6	660.5	642.4	638.5	642.4	645.6
17.5°	1517.1	1119.5	851.8	732.9	673.1	644.8	626.7	610.1	604.6	605.4	609.3
20°	1613.1	1162.8	847.1	704.6	637.7	612.5	596.8	580.2	574.7	576.3	577.1
22.5°	1622.6	1185.6	840.0	673.1	602.3	581.0	565.3	550.3	549.5	549.5	554.2
25°	1571.4	1185.6	825.1	644.8	568.4	549.5	535.3	517.2	520.4	522.0	528.3
27.5°	1491.9	1157.3	796.7	621.9	539.3	519.6	505.4	488.9	492.8	495.2	502.3
30°	1413.1	1121.1	762.9	596.0	511.7	488.9	478.7	464.5	466.1	469.2	477.1
32.5°	1339.9	1082.5	722.7	574.7	484.2	461.3	453.5	437.7	440.1	443.2	451.9
35°	1267.5	1040.0	675.5	549.5	459.0	436.1	429.8	411.7	413.3	418.0	427.5
37.5°	1189.6	995.1	636.9	524.3	434.6	411.0	404.7	385.8	387.3	392.8	403.9
40°	1107.7	951.0	599.1	497.6	408.6	385.0	379.5	359.0	360.6	366.9	378.7
42.5°	1025.0	903.0	570.0	462.9	381.8	356.6	351.1	332.2	334.6	341.7	353.5
45°	948.7	845.5	551.1	424.3	356.6	328.3	322.8	305.5	310.2	318.1	329.9
47.5°	883.3	786.5	543.2	392.1	329.9	299.2	294.4	280.3	288.1	296.8	306.2
50°	827.4	729.8	533.0	359.0	304.7	274.0	269.2	259.8	270.0	278.7	287.4
52.5°	787.3	665.2	510.9	329.1	282.6	252.7	251.1	246.4	255.9	263.7	271.6
55°	752.6	598.3	475.5	303.1	262.9	234.6	236.2	233.8	241.7	248.0	255.1
57.5°	721.1	540.1	430.6	282.6	241.7	218.9	223.6	220.4	224.4	228.3	237.0
60°	683.4	481.0	377.1	259.8	216.5	203.1	208.6	200.0	199.2	200.8	203.1
62.5°	627.5	401.5	321.2	231.5	194.5	185.8	188.2	171.6	159.0	159.0	161.4
65°	*549.5*	*322.8*	*269.2*	*200.0*	*169.3*	*162.2*	*160.6*	*137.0*	*119.7*	*118.1*	*125.2*
67.5°	459.0	265.3	223.6	168.5	140.9	136.2	137.8	120.5	103.1	101.6	109.4
70°	374.0	219.6	180.3	134.6	108.6	113.4	120.5	103.1	86.6	84.2	91.3
72.5°	303.9	174.8	140.9	103.1	80.3	93.7	102.3	84.2	68.5	66.9	73.2
75°	234.6	128.3	100.8	70.1	58.3	72.4	80.3	61.4	48.8	46.4	52.0
77.5°	156.7	79.5	56.7	44.1	34.6	49.6	53.5	32.3	28.3	27.6	31.5
80°	95.3	37.0	24.4	21.3	11.8	18.1	21.3	13.4	15.0	15.7	18.9
82.5°	48.0	10.2	3.9	0.8	0.0	0.0	6.3	3.1	6.3	7.9	11.8
85°	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.9	7.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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°	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4	1582.4
2.5°	1434.4	1467.5	1499.0	1549.3	1601.3	1652.5	1704.4	1754.8	1772.9	1786.3	1816.2
5°	1269.1	1331.3	1403.7	1503.7	1610.8	1721.0	1832.8	1935.1	1981.6	2013.0	2083.9
7.5°	1098.2	1179.3	1283.2	1433.6	1601.3	1776.9	1952.4	2113.8	2188.6	2249.2	2357.1
10°	929.0	1017.2	1148.6	1320.3	1547.0	1798.9	2041.4	2263.4	2360.2	2436.6	2583.0
12.5°	780.2	862.8	1000.6	1190.4	1462.0	1781.6	2092.6	2359.4	2473.6	2559.4	2720.0
15°	675.5	733.7	855.8	1060.5	1361.2	1725.7	2095.7	2405.1	2530.3	2620.0	2759.4
17.5°	617.2	636.9	716.4	928.2	1249.4	1652.5	2066.6	2420.9	2554.7	2638.1	2735.0
20°	585.7	588.9	610.9	756.6	1106.1	1584.0	2039.0	2436.6	2577.5	2647.6	2676.7
22.5°	560.5	560.5	566.0	618.8	921.1	1502.1	2030.4	2464.2	2609.0	2652.3	2592.5
25°	537.7	537.7	539.3	553.5	729.8	1376.9	2024.9	2506.7	2652.3	2664.1	2499.6
27.5°	514.1	514.9	514.9	522.7	588.1	1206.9	2001.2	2561.8	2704.3	2679.9	2410.6
30°	490.5	492.0	492.0	497.6	520.4	1007.7	1954.8	2627.9	2772.0	2700.3	2322.4
32.5°	466.9	468.4	468.4	473.1	489.7	804.6	1896.5	2688.5	2840.5	2709.0	2240.6
35°	442.4	444.8	443.2	449.5	466.9	640.1	1822.5	2749.1	2914.5	2736.5	2200.4
37.5°	418.0	419.6	418.8	425.1	444.8	552.7	1736.7	2794.8	3015.2	2798.0	2248.4
40°	393.6	392.8	392.8	399.9	421.2	527.5	1628.9	2867.2	3160.1	2905.8	2457.9
42.5°	368.4	368.4	366.9	374.7	400.7	508.6	1525.7	2997.1	3371.1	3077.4	2829.4
45°	345.6	344.8	341.7	348.8	381.0	475.5	1489.5	3239.6	3682.8	3355.3	3279.0
47.5°	323.6	322.8	314.9	321.2	357.4	445.6	1624.9	3636.4	4115.1	3763.9	3700.2
50°	303.9	304.7	289.7	295.2	333.8	422.8	1918.6	4151.3	4689.0	4314.2	4099.3
52.5°	285.8	285.8	266.1	269.2	304.7	402.3	2198.1	4709.4	5446.3	5081.8	4564.6
55°	267.7	266.1	244.1	245.6	275.5	373.2	2239.8	5254.2	6479.2	6236.8	5200.7
57.5°	247.2	244.1	223.6	223.6	248.8	351.9	1941.4	5673.1	7760.9	7934.1	6117.9
60°	222.0	219.6	206.3	202.3	227.5	370.8	1369.8	5721.9	8587.5	10191.2	7874.3
62.5°	189.7	192.9	185.8	180.3	207.1	385.0	811.7	5329.0	8387.6	10909.2	9977.9
65°	*149.6*	*162.2*	*160.6*	*156.7*	*227.5*	*324.4*	*479.4*	*4574.8*	*7774.3*	*10329.8*	*9548.8*
67.5°	127.5	136.2	133.8	133.8	238.5	246.4	301.5	3574.2	6930.3	9642.5	8529.3
70°	108.6	117.3	108.6	108.6	180.3	149.6	208.6	2495.6	6019.5	8882.0	7860.1
72.5°	89.7	98.4	89.0	82.7	144.1	111.8	152.7	1559.6	5155.0	8090.0	7401.9
75°	68.5	78.7	71.6	63.8	95.3	83.5	115.7	906.1	4270.9	6921.7	6749.3
77.5°	43.3	56.7	53.5	44.9	70.1	60.6	83.5	539.3	3295.5	5408.5	5805.3
80°	26.8	29.1	29.9	28.3	40.2	40.9	56.7	307.0	2255.5	3769.4	4535.5
82.5°	17.3	17.3	13.4	15.0	19.7	23.6	32.3	115.7	1325.8	2294.9	3157.0
85°	12.6	11.0	7.1	7.1	9.4	11.8	12.6	35.4	537.7	906.1	1234.4
87.5°	6.3	5.5	2.4	3.1	4.7	3.9	3.1	1.6	135.4	289.7	203.1
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: P1203380
CATALOG NUMBER: GWC-SB2C-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1582.4	1582.4	*1582.4*	1582.4	1582.4	1582.4	1582.4	1582.4
2.5°	1832.0	1856.4	*1858.0*	1858.0	1836.7	1835.9	1792.6	1787.9
5°	2157.1	2172.9	*2176.8*	2168.9	2126.4	2094.9	2010.7	1992.6
7.5°	2454.7	2486.2	*2486.2*	2467.3	2398.0	2333.5	2211.4	2165.8
10°	2692.5	2728.7	*2720.8*	2682.2	2594.8	2505.9	2357.9	2298.0
12.5°	2808.2	2845.2	*2824.7*	2780.6	2695.6	2601.9	2446.0	2378.3
15°	2805.8	2795.6	*2774.3*	2768.8	2727.9	2657.0	2511.4	2437.4
17.5°	2705.8	2619.2	*2602.7*	2657.8	2709.8	2692.5	2568.1	2498.8
20°	2547.6	2396.4	*2381.5*	2487.0	2635.0	2710.6	2620.8	2557.1
22.5°	2380.7	2217.7	*2183.1*	2299.6	2522.4	2716.1	2687.7	2624.0
25°	2222.5	2058.7	*2024.1*	2132.7	2397.2	2706.6	2760.2	2705.8
27.5°	2090.2	1932.0	*1899.7*	2008.3	2276.8	2679.9	2832.6	2794.0
30°	1987.9	1841.4	*1817.8*	1922.5	2172.9	2646.8	2924.7	2903.5
32.5°	1928.0	1821.0	*1829.6*	1915.4	2117.0	2610.6	3012.9	3023.1
35°	1987.1	1991.8	*2067.4*	2102.8	2168.9	2605.1	3132.5	3172.7
37.5°	2280.7	2444.5	*2601.1*	2572.0	2423.2	2668.8	3311.3	3386.0
40°	2780.6	3116.8	*3371.1*	3260.1	2885.3	2864.1	3568.7	3680.5
42.5°	3391.6	3961.5	*4380.4*	4082.8	3481.3	3205.8	3936.3	4078.8
45°	4036.3	5003.1	*5662.8*	5044.0	4116.6	3684.4	4492.9	4604.7
47.5°	4715.7	6269.0	*7122.4*	6110.0	4705.5	4229.2	5251.9	5277.9
50°	5458.9	7657.0	*8610.4*	7175.2	5273.9	4853.5	6179.3	6149.4
52.5°	6166.7	9084.3	*10066.8*	8245.1	5773.0	5628.2	7255.5	7194.1
55°	6842.2	10510.8	*11531.9*	9273.3	6243.8	6651.6	8534.0	8162.4
57.5°	7625.5	11793.3	*13041.9*	10306.1	6902.0	7980.6	9963.7	8724.5
60°	8783.6	13250.5	*14749.5*	11721.7	8153.8	9377.2	10476.2	8617.5
62.5°	10262.1	14590.5	*15991.0*	13108.8	9411.0	9640.1	9721.2	7792.4
65°	*10549.4*	*14929.8*	*16061.1*	*13479.6*	*9248.8*	*8177.4*	*7936.5*	*6263.5*
67.5°	9787.3	14316.5	*15081.7*	12789.2	8181.3	6319.4	5955.7	4544.1
70°	8932.4	13147.4	*13374.9*	11615.4	7195.6	4648.0	4022.2	2916.0
72.5°	8056.1	11587.8	*11117.0*	10087.3	6324.1	3384.5	2901.1	2072.9
75°	7015.4	9537.0	*8756.8*	8381.3	5236.1	2656.2	2098.9	1430.5
77.5°	5618.0	6713.0	*6504.4*	6496.6	3934.8	1940.6	1400.6	896.7
80°	3963.1	4356.8	*4250.5*	4892.9	2639.7	1407.6	843.2	499.1
82.5°	1918.6	2409.0	*2472.8*	2913.7	1284.0	828.2	194.5	108.6
85°	751.1	1162.0	*980.2*	1106.1	360.6	230.7	4.7	0.0
87.5°	84.2	134.6	*123.6*	97.6	44.1	9.4	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)