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: P1203468

Luminaire Tested: GWC-SB2C-827-U-SLR-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203468
	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-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 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:	9937 lumens
Efficiency:	N/A
Efficacy:	98.5 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

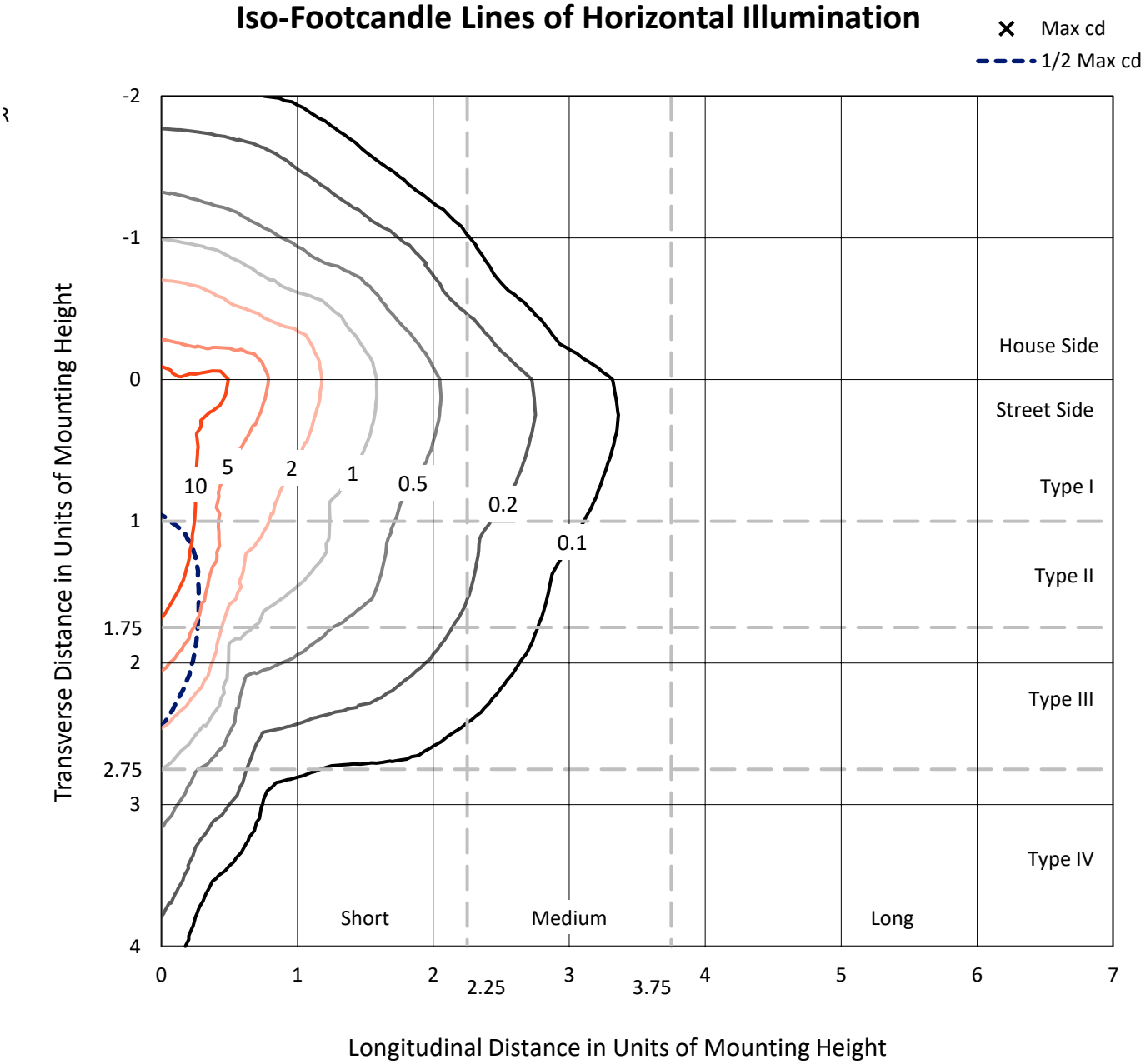


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Iso-Footcandle Lines of Horizontal Illumination



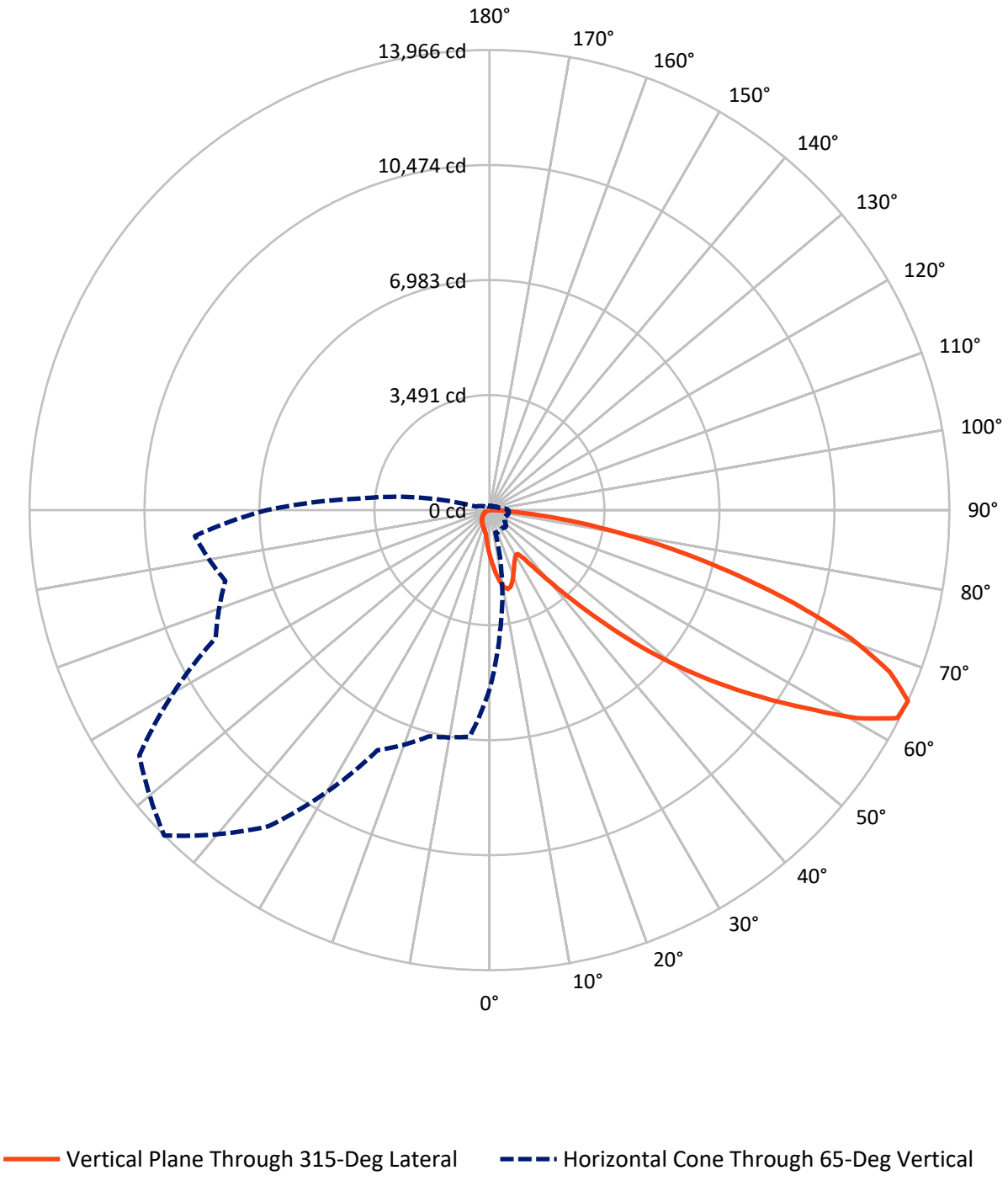
Based on 10 foot mounting height. Maximum calculated value = 19.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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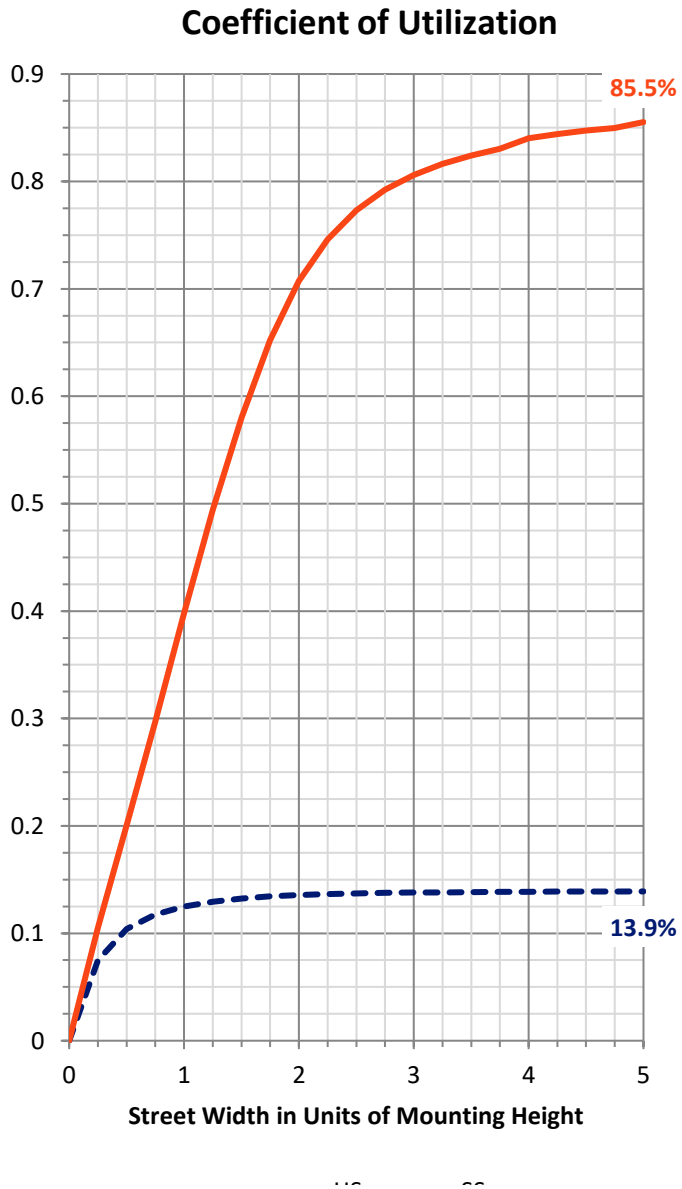
REPORT NUMBER: P1203468
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1391.6	0.0	1391.6
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	8545.4	0.0	8545.4
	% Fixture	86.0	0.0	86.0
Total	Lumens	9937.0	0.0	9937.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.5	1.4
10°-20°	406.1	4.1
20°-30°	598.3	6.0
30°-40°	768.6	7.7
40°-50°	1243.0	12.5
50°-60°	2179.8	21.9
60°-70°	2727.5	27.4
70°-80°	1593.8	16.0
80°-90°	284.4	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°	9937.0	100.0
0°-180°	9937.0	100.0



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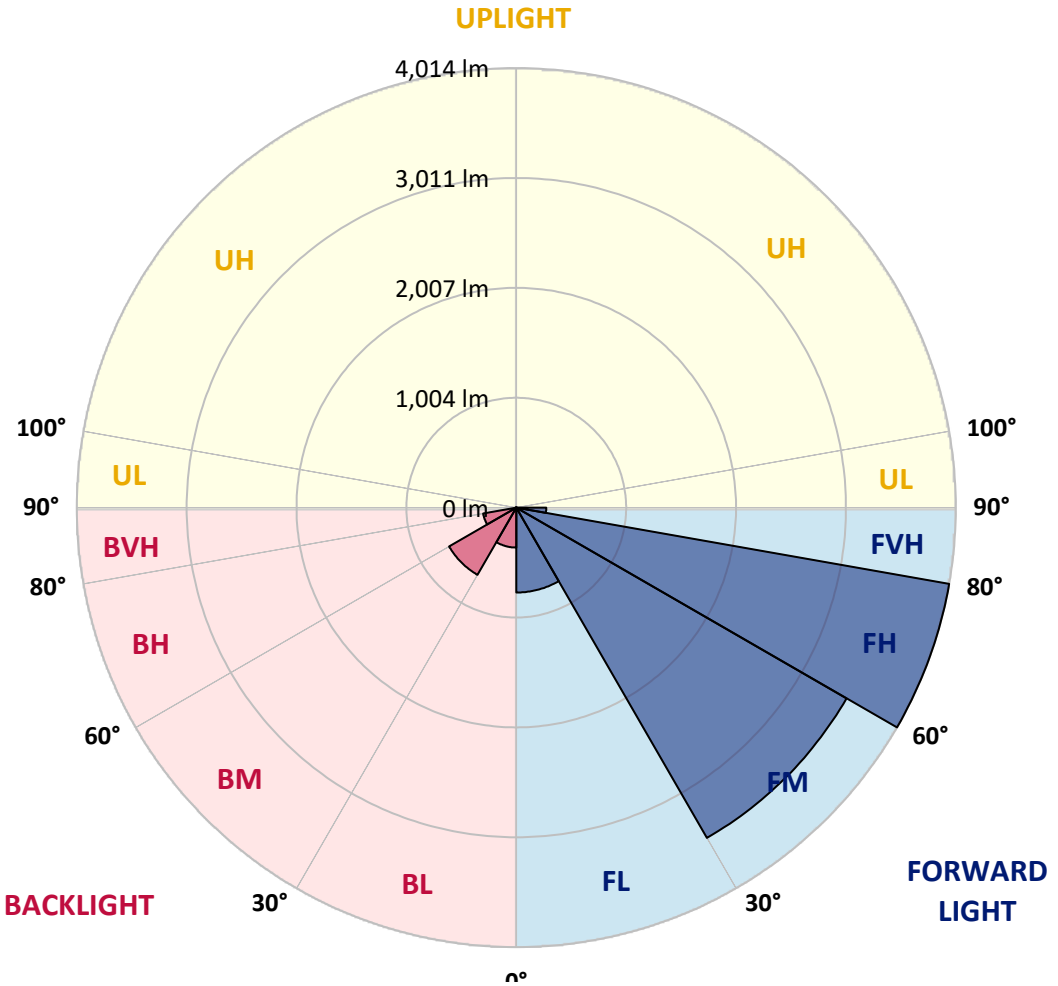
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	775.1	7.8			
FM	(30°-60°)	3482.8	35.0			
FH	(60°-80°)	4014.1	40.4			G2/5000
FVH	(80°-90°)	273.4	2.8			G3/500
BL	(0°-30°)	364.8	3.7	B1/500		
BM	(30°-60°)	708.6	7.1	B1/1000		
BH	(60°-80°)	307.3	3.1	B1/500		G1/500
BVH	(80°-90°)	10.9	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°	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0
2.5°	1554.6	1527.9	1512.2	1473.2	1434.1	1402.7	1360.2	1332.1	1298.6	1266.4	1237.7
5°	1732.6	1689.5	1637.5	1566.3	1501.2	1434.8	1370.5	1306.8	1239.7	1178.1	1140.5
7.5°	1883.2	1820.9	1729.2	1634.7	1551.9	1471.8	1396.5	1312.3	1230.8	1134.3	1083.0
10°	1998.2	1918.8	1798.3	1674.4	1579.3	1498.5	1425.2	1354.1	1271.9	1155.5	1091.2
12.5°	2068.0	1983.2	1840.1	1695.0	1586.1	1495.8	1438.9	1407.4	1375.3	1259.6	1184.3
15°	2119.4	2027.7	1869.5	1709.3	1570.4	1459.5	1417.7	1449.2	1486.2	1412.2	1325.3
17.5°	2172.8	2076.3	1907.9	1715.5	1527.9	1389.0	1371.2	1452.6	1538.2	1534.8	1448.5
20°	2223.4	2127.6	1941.4	1711.4	1459.5	1303.4	1319.1	1423.2	1522.5	1564.2	1517.7
22.5°	2281.6	2180.3	1973.6	1695.6	1370.5	1223.3	1272.6	1376.6	1463.6	1512.9	1498.5
25°	2352.8	2246.7	2018.8	1672.4	1274.6	1156.9	1225.4	1322.6	1393.1	1427.3	1426.6
27.5°	2429.5	2326.1	2079.0	1660.0	1197.3	1109.7	1172.0	1258.2	1321.2	1345.2	1345.2
30°	2524.6	2418.5	2150.2	1646.4	1146.6	1082.3	1116.5	1183.6	1245.2	1269.2	1269.2
32.5°	2628.7	2521.2	2218.6	1613.5	1115.8	1061.7	1062.4	1104.9	1161.0	1189.8	1193.9
35°	2758.8	2644.4	2291.9	1541.6	1091.2	1037.8	1009.7	1030.3	1076.8	1111.0	1119.9
37.5°	2944.3	2806.0	2381.6	1438.9	1054.9	1000.8	954.3	959.1	994.7	1032.3	1046.0
40°	3200.3	3023.0	2487.0	1332.1	1002.9	948.8	893.3	891.3	917.3	954.3	969.3
42.5°	3546.7	3309.8	2613.6	1230.1	952.9	885.8	829.0	825.6	846.1	878.3	894.0
45°	4004.0	3676.7	2769.0	1142.5	913.9	824.2	768.1	766.7	783.8	811.9	828.3
47.5°	4589.3	4186.7	2924.4	1083.0	893.3	775.6	718.1	720.8	735.9	761.2	772.9
50°	5347.1	4851.4	2971.7	1052.8	893.3	749.6	673.6	687.3	699.6	718.8	725.6
52.5°	6255.5	5489.5	2815.6	1025.5	898.8	753.0	636.0	665.4	674.3	690.7	693.5
55°	7097.5	5802.3	2420.6	987.8	900.2	774.2	603.8	647.6	664.0	670.2	669.5
57.5°	7586.2	5694.8	1957.1	924.1	894.7	788.6	583.2	625.7	657.2	661.3	655.1
60°	7493.1	5317.6	1441.0	875.5	854.3	783.1	577.1	592.1	642.1	648.3	640.1
62.5°	6775.7	4685.1	1000.1	837.9	765.3	759.2	575.0	539.4	609.3	624.3	612.7
65°	*5446.3*	*3688.4*	*706.5*	*721.5*	*670.9*	*707.1*	*564.1*	*484.7*	*569.6*	*590.1*	*572.3*
67.5°	3951.3	2495.9	510.0	584.6	607.9	622.9	539.4	445.0	524.4	551.8	528.5
70°	2535.6	1347.9	358.0	386.1	512.0	529.2	497.0	409.4	478.5	510.0	484.7
72.5°	1802.4	796.1	257.4	270.4	411.4	440.9	437.4	369.7	425.1	463.4	433.3
75°	1243.8	438.8	173.9	193.0	298.5	358.0	337.5	317.6	360.1	399.1	369.7
77.5°	779.7	196.5	104.1	134.2	195.8	281.4	231.4	245.8	280.7	316.9	286.1
80°	434.0	76.0	58.2	89.0	106.8	204.7	128.0	158.1	206.7	232.7	208.1
82.5°	94.5	9.6	26.0	38.3	41.8	119.1	67.8	91.7	130.1	128.0	110.9
85°	0.0	0.0	4.8	5.5	2.7	51.3	24.6	30.1	42.4	39.7	30.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	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°	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0
2.5°	1232.2	1198.7	1174.0	1161.7	1151.4	1161.0	1166.5	1166.5	1189.8	1203.4	1208.9
5°	1116.5	1056.3	1010.4	979.6	961.1	967.3	974.1	981.7	1011.1	1030.9	1043.9
7.5°	1036.4	944.0	874.2	831.1	808.5	811.9	816.7	822.8	851.6	871.4	888.6
10°	1021.4	888.6	790.0	733.2	705.8	701.0	698.2	696.2	713.3	728.4	742.1
12.5°	1083.0	891.3	753.7	684.6	651.0	636.6	620.2	607.2	609.9	619.5	636.6
15°	1193.2	926.2	742.1	659.2	617.5	593.5	574.3	558.6	555.2	558.6	561.3
17.5°	1319.1	973.4	740.7	637.3	585.3	560.7	544.9	530.5	525.7	526.4	529.8
20°	1402.7	1011.1	736.6	612.7	554.5	532.6	518.9	504.5	499.7	501.1	501.8
22.5°	1410.9	1030.9	730.4	585.3	523.7	505.2	491.5	478.5	477.8	477.8	481.9
25°	1366.4	1030.9	717.4	560.7	494.2	477.8	465.5	449.8	452.5	453.9	459.3
27.5°	1297.2	1006.3	692.8	540.8	468.9	451.8	439.5	425.1	428.5	430.6	436.7
30°	1228.8	974.8	663.3	518.2	445.0	425.1	416.2	403.9	405.3	408.0	414.8
32.5°	1165.1	941.3	628.4	499.7	421.0	401.1	394.3	380.6	382.7	385.4	392.9
35°	1102.1	904.3	587.3	477.8	399.1	379.2	373.8	358.0	359.4	363.5	371.7
37.5°	1034.4	865.3	553.8	455.9	377.9	357.3	351.9	335.4	336.8	341.6	351.2
40°	963.2	826.9	520.9	432.6	355.3	334.7	330.0	312.2	313.5	319.0	329.3
42.5°	891.3	785.2	495.6	402.5	332.0	310.1	305.3	288.9	290.9	297.1	307.4
45°	824.9	735.2	479.2	369.0	310.1	285.5	280.7	265.6	269.7	276.6	286.8
47.5°	768.1	683.9	472.3	340.9	286.8	260.1	256.0	243.7	250.5	258.1	266.3
50°	719.5	634.6	463.4	312.2	264.9	238.2	234.1	225.9	234.8	242.3	249.9
52.5°	684.6	578.4	444.3	286.1	245.8	219.7	218.4	214.3	222.5	229.3	236.2
55°	654.4	520.3	413.5	263.6	228.6	204.0	205.4	203.3	210.2	215.6	221.8
57.5°	627.1	469.6	374.5	245.8	210.2	190.3	194.4	191.7	195.1	198.5	206.1
60°	594.2	418.3	327.9	225.9	188.3	176.6	181.4	173.9	173.2	174.6	176.6
62.5°	545.6	349.1	279.3	201.3	169.1	161.6	163.6	149.2	138.3	138.3	140.3
65°	*477.8*	*280.7*	*234.1*	*173.9*	*147.2*	*141.0*	*139.6*	*119.1*	*104.1*	*102.7*	*108.8*
67.5°	399.1	230.7	194.4	146.5	122.5	118.4	119.8	104.7	89.7	88.3	95.2
70°	325.2	191.0	156.8	117.1	94.5	98.6	104.7	89.7	75.3	73.2	79.4
72.5°	264.2	152.0	122.5	89.7	69.8	81.5	89.0	73.2	59.6	58.2	63.7
75°	204.0	111.6	87.6	60.9	50.7	63.0	69.8	53.4	42.4	40.4	45.2
77.5°	136.2	69.1	49.3	38.3	30.1	43.1	46.5	28.1	24.6	24.0	27.4
80°	82.8	32.2	21.2	18.5	10.3	15.7	18.5	11.6	13.0	13.7	16.4
82.5°	41.8	8.9	3.4	0.7	0.0	0.0	5.5	2.7	5.5	6.8	10.3
85°	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.4	6.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
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°	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0	1376.0
2.5°	1247.3	1276.0	1303.4	1347.2	1392.4	1436.9	1482.1	1525.9	1541.6	1553.3	1579.3
5°	1103.5	1157.6	1220.6	1307.5	1400.6	1496.4	1593.6	1682.6	1723.0	1750.4	1812.0
7.5°	955.0	1025.5	1115.8	1246.6	1392.4	1545.0	1697.7	1838.0	1903.1	1955.8	2049.6
10°	807.8	884.4	998.8	1148.0	1345.2	1564.2	1775.1	1968.1	2052.3	2118.7	2246.0
12.5°	678.4	750.3	870.1	1035.0	1271.2	1549.1	1819.5	2051.6	2150.9	2225.5	2365.1
15°	587.3	638.0	744.1	922.1	1183.6	1500.5	1822.3	2091.3	2200.2	2278.2	2399.4
17.5°	536.7	553.8	622.9	807.1	1086.4	1436.9	1797.0	2105.0	2221.4	2293.9	2378.1
20°	509.3	512.0	531.2	657.9	961.8	1377.3	1773.0	2118.7	2241.2	2302.2	2327.5
22.5°	487.4	487.4	492.2	538.1	800.9	1306.1	1765.5	2142.7	2268.6	2306.3	2254.2
25°	467.6	467.6	468.9	481.2	634.6	1197.3	1760.7	2179.6	2306.3	2316.5	2173.5
27.5°	447.0	447.7	447.7	454.5	511.4	1049.4	1740.1	2227.5	2351.4	2330.2	2096.1
30°	426.5	427.8	427.8	432.6	452.5	876.2	1699.8	2285.0	2410.3	2348.0	2019.4
32.5°	405.9	407.3	407.3	411.4	425.8	699.6	1649.1	2337.8	2469.9	2355.6	1948.2
35°	384.7	386.8	385.4	390.9	405.9	556.5	1584.7	2390.5	2534.2	2379.5	1913.3
37.5°	363.5	364.9	364.2	369.7	386.8	480.6	1510.1	2430.2	2621.8	2432.9	1955.1
40°	342.3	341.6	341.6	347.8	366.2	458.7	1416.3	2493.2	2747.8	2526.7	2137.2
42.5°	320.4	320.4	319.0	325.8	348.4	442.2	1326.7	2606.1	2931.3	2675.9	2460.3
45°	300.5	299.8	297.1	303.3	331.3	413.5	1295.2	2816.9	3202.4	2917.6	2851.2
47.5°	281.4	280.7	273.8	279.3	310.8	387.5	1412.9	3162.0	3578.2	3272.9	3217.4
50°	264.2	264.9	251.9	256.7	290.3	367.6	1668.3	3609.7	4077.2	3751.4	3564.5
52.5°	248.5	248.5	231.4	234.1	264.9	349.8	1911.3	4095.0	4735.8	4418.8	3969.1
55°	232.7	231.4	212.2	213.6	239.6	324.5	1947.6	4568.7	5633.9	5423.0	4522.2
57.5°	215.0	212.2	194.4	194.4	216.3	306.0	1688.1	4932.9	6748.3	6899.0	5319.7
60°	193.0	191.0	179.4	175.9	197.8	322.4	1191.1	4975.3	7467.1	8861.6	6846.9
62.5°	165.0	167.7	161.6	156.8	180.0	334.7	705.8	4633.8	7293.3	9485.9	8676.1
65°	*130.1*	*141.0*	*139.6*	*136.2*	*197.8*	*282.0*	*416.9*	*3978.0*	*6760.0*	*8982.1*	*8303.0*
67.5°	110.9	118.4	116.4	116.4	207.4	214.3	262.2	3107.9	6026.1	8384.4	7416.5
70°	94.5	102.0	94.5	94.5	156.8	130.1	181.4	2170.0	5234.1	7723.2	6834.6
72.5°	78.0	85.6	77.4	71.9	125.3	97.2	132.8	1356.1	4482.5	7034.5	6436.2
75°	59.6	68.5	62.3	55.4	82.8	72.6	100.6	787.9	3713.7	6018.6	5868.7
77.5°	37.7	49.3	46.5	39.0	60.9	52.7	72.6	468.9	2865.5	4702.9	5047.9
80°	23.3	25.3	26.0	24.6	34.9	35.6	49.3	267.0	1961.3	3277.7	3943.7
82.5°	15.1	15.1	11.6	13.0	17.1	20.5	28.1	100.6	1152.8	1995.5	2745.1
85°	11.0	9.6	6.2	6.2	8.2	10.3	11.0	30.8	467.6	787.9	1073.4
87.5°	5.5	4.8	2.1	2.7	4.1	3.4	2.7	1.4	117.7	251.9	176.6
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: P1203468
CATALOG NUMBER: GWC-SB2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1376.0	1376.0	*1376.0*	1376.0	1376.0	1376.0	1376.0	1376.0
2.5°	1593.0	1614.2	*1615.6*	1615.6	1597.1	1596.4	1558.7	1554.6
5°	1875.7	1889.4	*1892.8*	1886.0	1849.0	1821.6	1748.4	1732.6
7.5°	2134.4	2161.8	*2161.8*	2145.4	2085.2	2029.0	1922.9	1883.2
10°	2341.2	2372.7	*2365.8*	2332.3	2256.3	2178.9	2050.2	1998.2
12.5°	2441.8	2474.0	*2456.2*	2417.8	2343.9	2262.5	2126.9	2068.0
15°	2439.8	2430.9	*2412.4*	2407.6	2372.0	2310.4	2183.7	2119.4
17.5°	2352.8	2277.5	*2263.1*	2311.1	2356.2	2341.2	2233.0	2172.8
20°	2215.2	2083.8	*2070.8*	2162.5	2291.2	2356.9	2278.9	2223.4
22.5°	2070.1	1928.4	*1898.3*	1999.6	2193.3	2361.7	2337.1	2281.6
25°	1932.5	1790.1	*1760.0*	1854.5	2084.5	2353.5	2400.1	2352.8
27.5°	1817.5	1679.9	*1651.8*	1746.3	1979.7	2330.2	2463.0	2429.5
30°	1728.5	1601.2	*1580.6*	1671.7	1889.4	2301.5	2543.1	2524.6
32.5°	1676.5	1583.4	*1590.9*	1665.5	1840.8	2270.0	2619.8	2628.7
35°	1727.8	1731.9	*1797.6*	1828.4	1886.0	2265.2	2723.8	2758.8
37.5°	1983.2	2125.5	*2261.8*	2236.4	2107.1	2320.6	2879.2	2944.3
40°	2417.8	2710.2	*2931.3*	2834.7	2508.9	2490.4	3103.1	3200.3
42.5°	2949.1	3444.7	*3808.9*	3550.1	3027.1	2787.5	3422.8	3546.7
45°	3509.7	4350.4	*4924.0*	4385.9	3579.5	3203.7	3906.8	4004.0
47.5°	4100.5	5451.1	*6193.2*	5312.8	4091.6	3677.4	4566.7	4589.3
50°	4746.7	6658.0	*7487.0*	6239.0	4585.8	4220.3	5373.1	5347.1
52.5°	5362.1	7899.1	*8753.4*	7169.3	5019.8	4893.9	6308.9	6255.5
55°	5949.5	9139.5	*10027.4*	8063.4	5429.2	5783.8	7420.6	7097.5
57.5°	6630.6	10254.6	*11340.3*	8961.5	6001.5	6939.3	8663.7	7586.2
60°	7637.6	11521.8	*12825.1*	10192.3	7089.9	8153.7	9109.4	7493.1
62.5°	8923.2	12686.9	*13904.7*	11398.5	8183.2	8382.4	8452.9	6775.7
65°	*9173.0*	*12981.9*	*13965.6*	*11721.0*	*8042.2*	*7110.5*	*6901.0*	*5446.3*
67.5°	8510.4	12448.6	*13114.0*	11120.6	7113.9	5494.9	5178.7	3951.3
70°	7767.0	11432.1	*11629.9*	10099.9	6256.8	4041.6	3497.4	2535.6
72.5°	7005.1	10076.0	*9666.6*	8771.2	5499.0	2942.9	2522.6	1802.4
75°	6100.1	8292.7	*7614.3*	7287.8	4553.0	2309.7	1825.0	1243.8
77.5°	4885.0	5837.2	*5655.8*	5649.0	3421.4	1687.4	1217.8	779.7
80°	3446.1	3788.3	*3695.9*	4254.5	2295.3	1224.0	733.2	434.0
82.5°	1668.3	2094.7	*2150.2*	2533.5	1116.5	720.2	169.1	94.5
85°	653.1	1010.4	*852.3*	961.8	313.5	200.6	4.1	0.0
87.5°	73.2	117.1	*107.5*	84.9	38.3	8.2	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)