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: P1203842

Luminaire Tested: GWC-SB2D-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:	P1203842
	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-SB2D-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 900mA 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:	13502 lumens
Efficiency:	N/A
Efficacy:	91.5 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):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

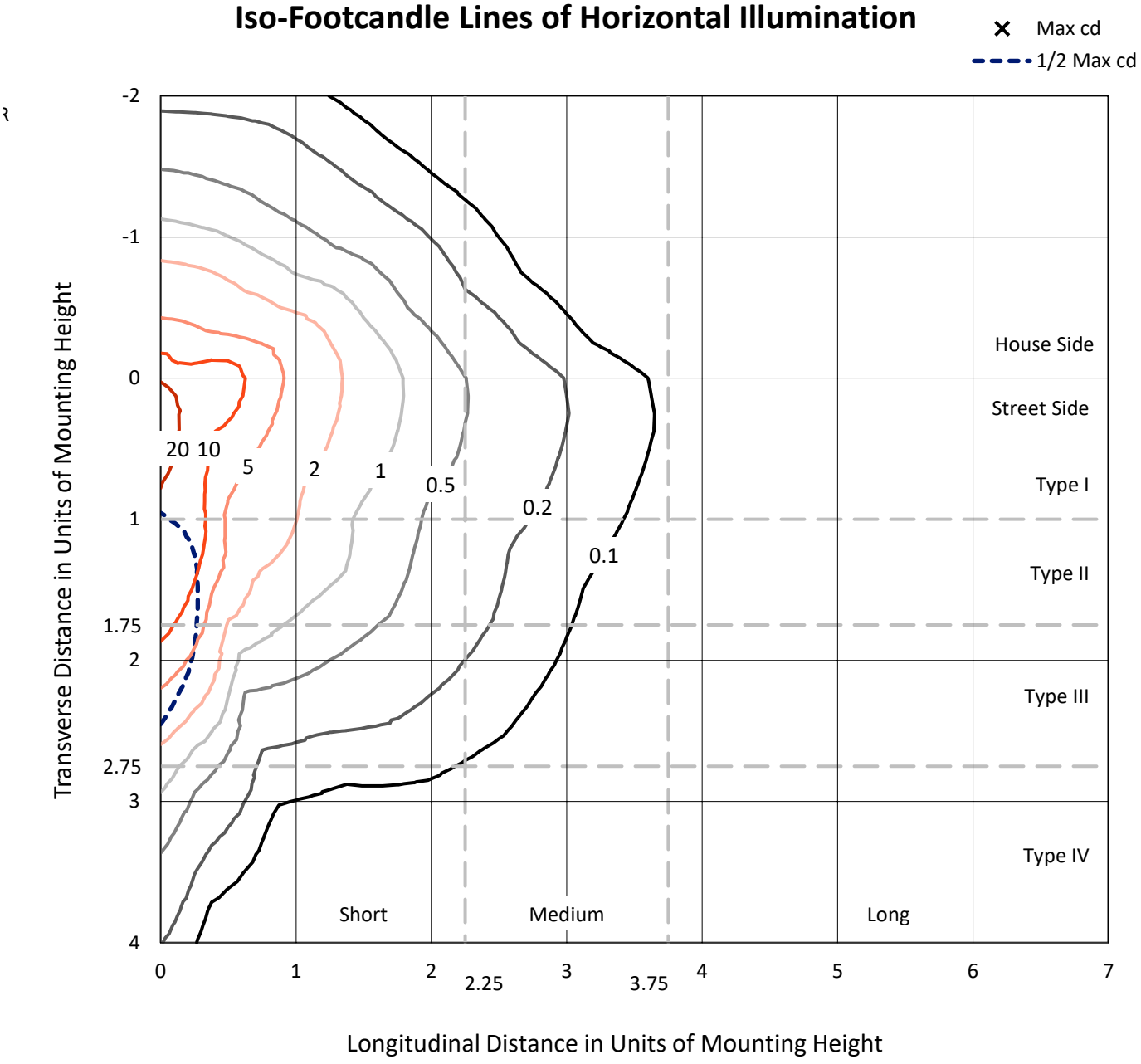


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Iso-Footcandle Lines of Horizontal Illumination



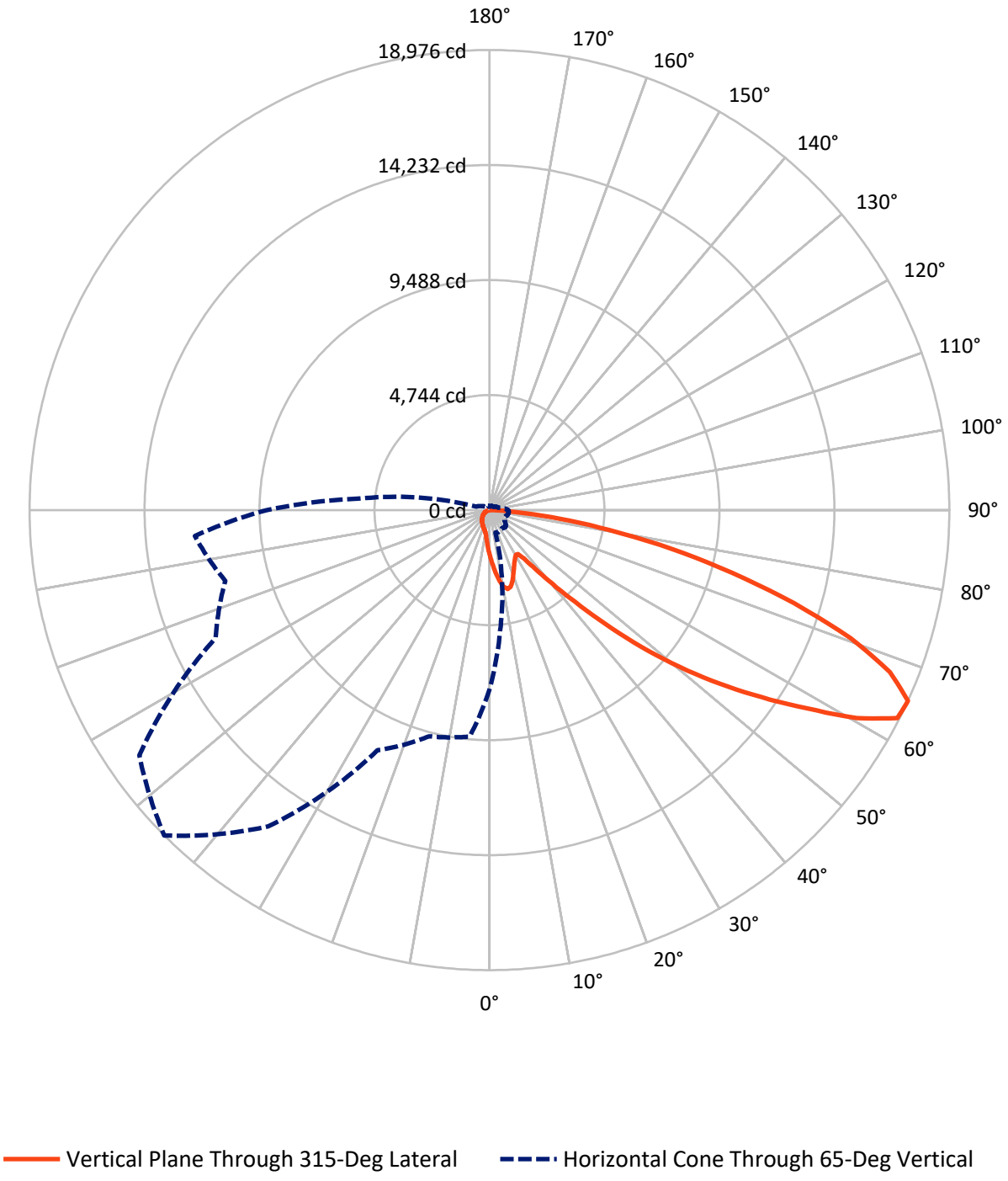
Based on 10 foot mounting height. Maximum calculated value = 26 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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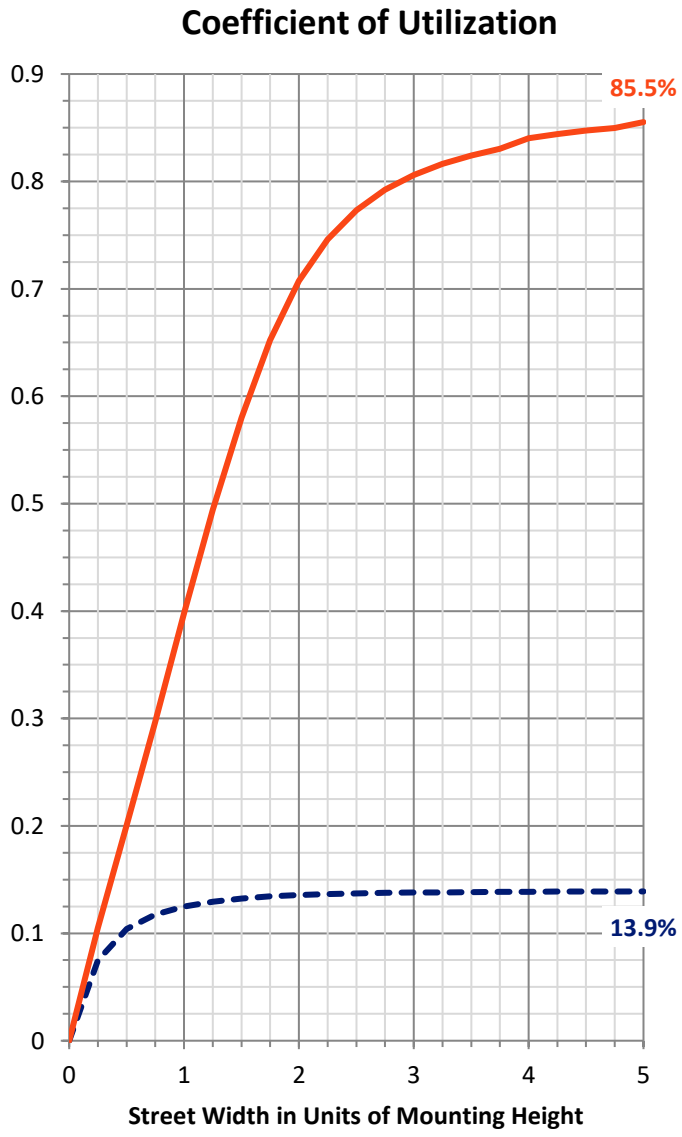
REPORT NUMBER: P1203842
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1890.9	0.0	1890.9
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	11611.1	0.0	11611.1
	% Fixture	86.0	0.0	86.0
Total	Lumens	13502.0	0.0	13502.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.1	1.4
10°-20°	551.8	4.1
20°-30°	812.9	6.0
30°-40°	1044.3	7.7
40°-50°	1689.0	12.5
50°-60°	2961.8	21.9
60°-70°	3706.1	27.4
70°-80°	2165.6	16.0
80°-90°	386.4	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°	13502.0	100.0
0°-180°	13502.0	100.0



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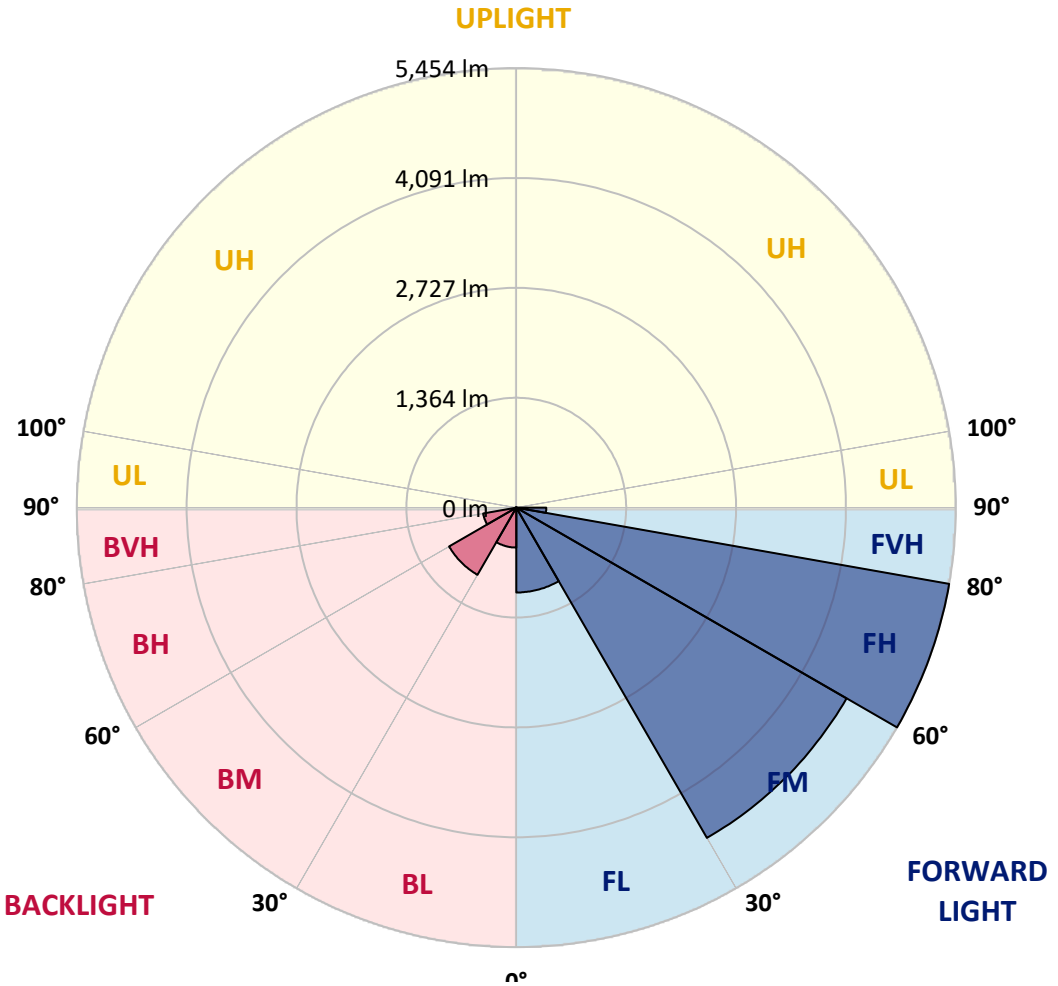
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1053.1	7.8			
FM	(30°-60°)	4732.3	35.0			
FH	(60°-80°)	5454.2	40.4			G3/7500
FVH	(80°-90°)	371.5	2.8			G3/500
BL	(0°-30°)	495.6	3.7	B1/500		
BM	(30°-60°)	962.9	7.1	B1/1000		
BH	(60°-80°)	417.5	3.1	B1/500		G1/500
BVH	(80°-90°)	14.8	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°	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6
2.5°	2112.4	2076.1	2054.7	2001.7	1948.7	1905.9	1848.2	1810.1	1764.5	1720.8	1681.7
5°	2354.2	2295.6	2224.9	2128.2	2039.8	1949.6	1862.2	1775.7	1684.5	1600.8	1549.6
7.5°	2558.8	2474.2	2349.6	2221.2	2108.6	1999.8	1897.5	1783.1	1672.4	1541.3	1471.5
10°	2715.1	2607.2	2443.5	2275.1	2145.8	2036.1	1936.6	1839.8	1728.2	1570.1	1482.7
12.5°	2810.0	2694.6	2500.2	2303.0	2155.2	2032.4	1955.2	1912.4	1868.7	1711.5	1609.2
15°	2879.7	2755.1	2540.2	2322.6	2133.8	1983.1	1926.3	1969.1	2019.3	1918.9	1800.8
17.5°	2952.3	2821.1	2592.3	2330.9	2076.1	1887.3	1863.1	1973.8	2090.0	2085.4	1968.2
20°	3021.1	2890.9	2637.9	2325.4	1983.1	1771.0	1792.4	1933.8	2068.6	2125.4	2062.1
22.5°	3100.2	2962.5	2681.6	2304.0	1862.2	1662.2	1729.1	1870.5	1988.7	2055.6	2036.1
25°	3196.9	3052.7	2743.0	2272.3	1731.9	1571.9	1665.0	1797.0	1892.8	1939.4	1938.4
27.5°	3301.1	3160.6	2824.9	2255.6	1626.8	1507.8	1592.4	1709.6	1795.2	1827.7	1827.7
30°	3430.4	3286.2	2921.6	2237.0	1558.0	1470.6	1517.1	1608.2	1691.9	1724.5	1724.5
32.5°	3571.8	3425.7	3014.6	2192.4	1516.1	1442.7	1443.6	1501.3	1577.5	1616.6	1622.2
35°	3748.5	3593.2	3114.1	2094.7	1482.7	1410.1	1372.0	1399.9	1463.1	1509.6	1521.7
37.5°	4000.6	3812.7	3236.0	1955.2	1433.4	1359.9	1296.6	1303.1	1351.5	1402.7	1421.3
40°	4348.4	4107.5	3379.2	1810.1	1362.7	1289.2	1213.8	1211.1	1246.4	1296.6	1317.1
42.5°	4819.1	4497.3	3551.3	1671.5	1294.8	1203.6	1126.4	1121.8	1149.7	1193.4	1214.8
45°	5440.4	4995.8	3762.4	1552.4	1241.7	1119.9	1043.6	1041.8	1065.0	1103.2	1125.5
47.5°	6235.7	5688.8	3973.6	1471.5	1213.8	1053.9	975.7	979.4	999.9	1034.3	1050.1
50°	7265.4	6592.0	4037.8	1430.6	1213.8	1018.5	915.3	933.9	950.6	976.7	986.0
52.5°	8499.7	7458.8	3825.7	1393.4	1221.3	1023.2	864.1	904.1	916.2	938.5	942.2
55°	9643.8	7883.9	3289.0	1342.2	1223.1	1052.0	820.4	879.9	902.2	910.6	909.7
57.5°	10307.9	7737.9	2659.3	1255.7	1215.7	1071.5	792.5	850.2	892.9	898.5	890.2
60°	10181.4	7225.4	1958.0	1189.7	1160.8	1064.1	784.1	804.6	872.5	880.8	869.7
62.5°	9206.6	6365.9	1358.9	1138.5	1039.9	1031.5	781.3	733.0	827.8	848.3	832.5
65°	*7400.2*	*5011.6*	*959.9*	*980.4*	*911.5*	*960.8*	*766.4*	*658.5*	*773.9*	*801.8*	*777.6*
67.5°	5368.8	3391.3	693.0	794.3	826.0	846.4	733.0	604.6	712.5	749.7	718.1
70°	3445.3	1831.5	486.5	524.6	695.7	719.0	675.3	556.2	650.2	693.0	658.5
72.5°	2449.1	1081.8	349.7	367.4	559.0	599.0	594.4	502.3	577.6	629.7	588.8
75°	1690.1	596.2	236.3	262.3	405.5	486.5	458.6	431.6	489.3	542.3	502.3
77.5°	1059.4	267.0	141.4	182.3	266.0	382.3	314.4	333.9	381.4	430.7	388.8
80°	589.7	103.2	79.1	120.9	145.1	278.1	173.9	214.9	280.9	316.2	282.8
82.5°	128.4	13.0	35.3	52.1	56.7	161.8	92.1	124.6	176.7	173.9	150.7
85°	0.0	0.0	6.5	7.4	3.7	69.8	33.5	40.9	57.7	53.9	40.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	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°	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6
2.5°	1674.3	1628.7	1595.2	1578.5	1564.5	1577.5	1585.0	1585.0	1616.6	1635.2	1642.6
5°	1517.1	1435.2	1372.9	1331.0	1305.9	1314.3	1323.6	1333.8	1373.8	1400.8	1418.5
7.5°	1408.2	1282.7	1187.8	1129.2	1098.5	1103.2	1109.7	1118.0	1157.1	1184.1	1207.3
10°	1387.8	1207.3	1073.4	996.2	959.0	952.5	948.7	946.0	969.2	989.7	1008.3
12.5°	1471.5	1211.1	1024.1	930.1	884.6	865.0	842.7	825.0	828.8	841.8	865.0
15°	1621.2	1258.5	1008.3	895.7	839.0	806.4	780.4	759.0	754.3	759.0	762.7
17.5°	1792.4	1322.7	1006.4	866.0	795.3	761.8	740.4	720.9	714.4	715.3	719.9
20°	1905.9	1373.8	1000.8	832.5	753.4	723.7	705.1	685.5	679.0	680.9	681.8
22.5°	1917.0	1400.8	992.5	795.3	711.6	686.4	667.8	650.2	649.2	649.2	654.8
25°	1856.6	1400.8	974.8	761.8	671.6	649.2	632.5	611.1	614.8	616.7	624.1
27.5°	1762.6	1367.3	941.3	734.8	637.2	613.9	597.2	577.6	582.3	585.1	593.4
30°	1669.6	1324.5	901.3	704.1	604.6	577.6	565.5	548.8	550.6	554.4	563.7
32.5°	1583.1	1279.0	853.9	679.0	572.0	545.1	535.8	517.2	520.0	523.7	533.9
35°	1497.5	1228.7	798.1	649.2	542.3	515.3	507.9	486.5	488.3	493.9	505.1
37.5°	1405.5	1175.7	752.5	619.5	513.4	485.5	478.1	455.8	457.6	464.1	477.2
40°	1308.7	1123.6	707.8	587.9	482.7	454.8	448.3	424.1	426.0	433.4	447.4
42.5°	1211.1	1066.9	673.4	546.9	451.1	421.4	414.8	392.5	395.3	403.7	417.6
45°	1120.8	999.0	651.1	501.3	421.4	387.9	381.4	360.9	366.5	375.8	389.7
47.5°	1043.6	929.2	641.8	463.2	389.7	353.5	347.9	331.1	340.4	350.7	361.8
50°	977.6	862.2	629.7	424.1	360.0	323.7	318.1	306.9	319.0	329.3	339.5
52.5°	930.1	786.0	603.7	388.8	333.9	298.6	296.7	291.1	302.3	311.6	320.9
55°	889.2	706.9	561.8	358.1	310.7	277.2	279.0	276.3	285.6	293.0	301.4
57.5°	852.0	638.1	508.8	333.9	285.6	258.6	264.2	260.4	265.1	269.7	280.0
60°	807.4	568.3	445.5	306.9	255.8	240.0	246.5	236.3	235.3	237.2	240.0
62.5°	741.3	474.4	379.5	273.5	229.7	219.5	222.3	202.8	187.9	187.9	190.7
65°	*649.2*	*381.4*	*318.1*	*236.3*	*200.0*	*191.6*	*189.7*	*161.8*	*141.4*	*139.5*	*147.9*
67.5°	542.3	313.5	264.2	199.1	166.5	160.9	162.8	142.3	121.8	120.0	129.3
70°	441.8	259.5	213.0	159.1	128.4	133.9	142.3	121.8	102.3	99.5	107.9
72.5°	359.0	206.5	166.5	121.8	94.9	110.7	120.9	99.5	80.9	79.1	86.5
75°	277.2	151.6	119.1	82.8	68.8	85.6	94.9	72.6	57.7	54.9	61.4
77.5°	185.1	93.9	67.0	52.1	40.9	58.6	63.2	38.1	33.5	32.6	37.2
80°	112.5	43.7	28.8	25.1	14.0	21.4	25.1	15.8	17.7	18.6	22.3
82.5°	56.7	12.1	4.7	0.9	0.0	0.0	7.4	3.7	7.4	9.3	14.0
85°	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.7	8.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
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°	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6	1869.6
2.5°	1694.7	1733.8	1771.0	1830.5	1891.9	1952.4	2013.8	2073.3	2094.7	2110.5	2145.8
5°	1499.4	1572.9	1658.5	1776.6	1903.1	2033.3	2165.4	2286.3	2341.2	2378.4	2462.1
7.5°	1297.6	1393.4	1516.1	1693.8	1891.9	2099.3	2306.8	2497.4	2585.8	2657.4	2784.9
10°	1097.6	1201.7	1357.1	1559.9	1827.7	2125.4	2411.9	2674.2	2788.6	2878.8	3051.8
12.5°	921.8	1019.4	1182.2	1406.4	1727.3	2104.9	2472.3	2787.6	2922.5	3023.9	3213.7
15°	798.1	866.9	1011.1	1252.9	1608.2	2038.9	2476.1	2841.6	2989.5	3095.5	3260.2
17.5°	729.2	752.5	846.4	1096.6	1476.1	1952.4	2441.6	2860.2	3018.3	3116.9	3231.3
20°	692.0	695.7	721.8	893.9	1306.9	1871.5	2409.1	2878.8	3045.3	3128.1	3162.5
22.5°	662.3	662.3	668.8	731.1	1088.3	1774.7	2398.8	2911.4	3082.5	3133.7	3063.0
25°	635.3	635.3	637.2	653.9	862.2	1626.8	2392.3	2961.6	3133.7	3147.6	2953.2
27.5°	607.4	608.3	608.3	617.6	694.8	1425.9	2364.4	3026.7	3195.1	3166.2	2848.1
30°	579.5	581.3	581.3	587.9	614.8	1190.6	2309.6	3104.8	3275.0	3190.4	2743.9
32.5°	551.6	553.4	553.4	559.0	578.6	950.6	2240.7	3176.5	3356.0	3200.6	2647.2
35°	522.7	525.5	523.7	531.1	551.6	756.2	2153.3	3248.1	3443.4	3233.2	2599.8
37.5°	493.9	495.8	494.8	502.3	525.5	653.0	2051.9	3302.0	3562.5	3305.7	2656.5
40°	465.1	464.1	464.1	472.5	497.6	623.2	1924.5	3387.6	3733.6	3433.2	2903.9
42.5°	435.3	435.3	433.4	442.7	473.4	600.9	1802.6	3541.1	3982.9	3635.9	3342.9
45°	408.3	407.4	403.7	412.1	450.2	561.8	1759.8	3827.6	4351.2	3964.3	3874.1
47.5°	382.3	381.4	372.1	379.5	422.3	526.5	1919.8	4296.3	4861.9	4447.0	4371.7
50°	359.0	360.0	342.3	348.8	394.4	499.5	2266.8	4904.7	5540.0	5097.2	4843.3
52.5°	337.6	337.6	314.4	318.1	360.0	475.3	2597.0	5564.1	6434.8	6004.1	5393.0
55°	316.2	314.4	288.3	290.2	325.6	440.9	2646.3	6207.8	7655.1	7368.6	6144.5
57.5°	292.1	288.3	264.2	264.2	293.9	415.8	2293.7	6702.6	9169.4	9374.0	7228.2
60°	262.3	259.5	243.7	239.0	268.8	438.1	1618.5	6760.3	10146.0	12040.7	9303.3
62.5°	224.2	227.9	219.5	213.0	244.6	454.8	959.0	6296.2	9909.8	12889.0	11788.7
65°	*176.7*	*191.6*	*189.7*	*185.1*	*268.8*	*383.2*	*566.5*	*5405.1*	*9185.2*	*12204.5*	*11281.7*
67.5°	150.7	160.9	158.1	158.1	281.8	291.1	356.2	4222.9	8188.1	11392.4	10077.2
70°	128.4	138.6	128.4	128.4	213.0	176.7	246.5	2948.6	7111.9	10493.9	9286.6
72.5°	106.0	116.3	105.1	97.7	170.2	132.1	180.4	1842.6	6090.6	9558.2	8745.2
75°	80.9	93.0	84.6	75.3	112.5	98.6	136.7	1070.6	5046.0	8177.9	7974.1
77.5°	51.2	67.0	63.2	53.0	82.8	71.6	98.6	637.2	3893.6	6390.1	6858.9
80°	31.6	34.4	35.3	33.5	47.4	48.4	67.0	362.8	2664.9	4453.5	5358.6
82.5°	20.5	20.5	15.8	17.7	23.3	27.9	38.1	136.7	1566.4	2711.4	3729.9
85°	14.9	13.0	8.4	8.4	11.2	14.0	14.9	41.9	635.3	1070.6	1458.5
87.5°	7.4	6.5	2.8	3.7	5.6	4.7	3.7	1.9	160.0	342.3	240.0
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: P1203842
CATALOG NUMBER: GWC-SB2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1869.6	1869.6	*1869.6*	1869.6	1869.6	1869.6	1869.6	1869.6
2.5°	2164.5	2193.3	*2195.1*	2195.1	2170.0	2169.1	2117.9	2112.4
5°	2548.6	2567.2	*2571.9*	2562.6	2512.3	2475.1	2375.6	2354.2
7.5°	2900.2	2937.4	*2937.4*	2915.1	2833.2	2757.0	2612.8	2558.8
10°	3181.1	3223.9	*3214.6*	3169.0	3065.8	2960.7	2785.8	2715.1
12.5°	3317.8	3361.6	*3337.4*	3285.3	3184.8	3074.1	2890.0	2810.0
15°	3315.0	3303.0	*3277.8*	3271.3	3223.0	3139.2	2967.2	2879.7
17.5°	3196.9	3094.6	*3075.1*	3140.2	3201.6	3181.1	3034.1	2952.3
20°	3010.0	2831.4	*2813.7*	2938.3	3113.2	3202.5	3096.5	3021.1
22.5°	2812.8	2620.2	*2579.3*	2717.0	2980.2	3209.0	3175.5	3100.2
25°	2625.8	2432.3	*2391.4*	2519.8	2832.3	3197.8	3261.1	3196.9
27.5°	2469.5	2282.6	*2244.4*	2372.8	2690.0	3166.2	3346.7	3301.1
30°	2348.6	2175.6	*2147.7*	2271.4	2567.2	3127.2	3455.5	3430.4
32.5°	2277.9	2151.4	*2161.7*	2263.0	2501.2	3084.4	3559.7	3571.8
35°	2347.7	2353.3	*2442.6*	2484.4	2562.6	3077.9	3701.1	3748.5
37.5°	2694.6	2888.1	*3073.2*	3038.8	2863.0	3153.2	3912.2	4000.6
40°	3285.3	3682.5	*3982.9*	3851.7	3409.0	3383.9	4216.4	4348.4
42.5°	4007.1	4680.5	*5175.3*	4823.7	4113.1	3787.6	4650.7	4819.1
45°	4768.9	5911.1	*6690.5*	5959.5	4863.7	4353.1	5308.3	5440.4
47.5°	5571.6	7406.8	*8415.0*	7218.9	5559.5	4996.7	6205.0	6235.7
50°	6449.6	9046.6	*10173.0*	8477.4	6231.1	5734.4	7300.7	7265.4
52.5°	7285.8	10733.0	*11893.8*	9741.4	6820.8	6649.6	8572.2	8499.7
55°	8083.9	12418.4	*13624.8*	10956.2	7377.0	7858.8	10082.8	9643.8
57.5°	9009.4	13933.6	*15408.8*	12176.6	8154.6	9428.9	11771.9	10307.9
60°	10377.6	15655.3	*17426.3*	13849.0	9633.5	11079.0	12377.5	10181.4
62.5°	12124.5	17238.4	*18893.1*	15487.9	11119.0	11389.6	11485.5	9206.6
65°	*12464.0*	*17639.3*	*18975.9*	*15926.0*	*10927.4*	*9661.4*	*9376.8*	*7400.2*
67.5°	11563.6	16914.7	*17818.8*	15110.2	9666.1	7466.3	7036.6	5368.8
70°	10553.4	15533.5	*15802.3*	13723.4	8501.5	5491.6	4752.1	3445.3
72.5°	9518.2	13690.8	*13134.6*	11918.0	7471.9	3998.7	3427.6	2449.1
75°	8288.5	11267.8	*10346.0*	9902.3	6186.4	3138.3	2479.8	1690.1
77.5°	6637.5	7931.4	*7684.9*	7675.6	4648.9	2292.8	1654.7	1059.4
80°	4682.4	5147.4	*5021.9*	5780.9	3118.8	1663.1	996.2	589.7
82.5°	2266.8	2846.2	*2921.6*	3442.5	1517.1	978.5	229.7	128.4
85°	887.4	1372.9	*1158.0*	1306.9	426.0	272.5	5.6	0.0
87.5°	99.5	159.1	*146.0*	115.3	52.1	11.2	0.0	0.0
90°	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)