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: P1197346

Luminaire Tested: GPC-SB1A-735-U-SLL-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:	P1197346
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-SLL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA 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:	3442 lumens
Efficiency:	N/A
Efficacy:	111.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

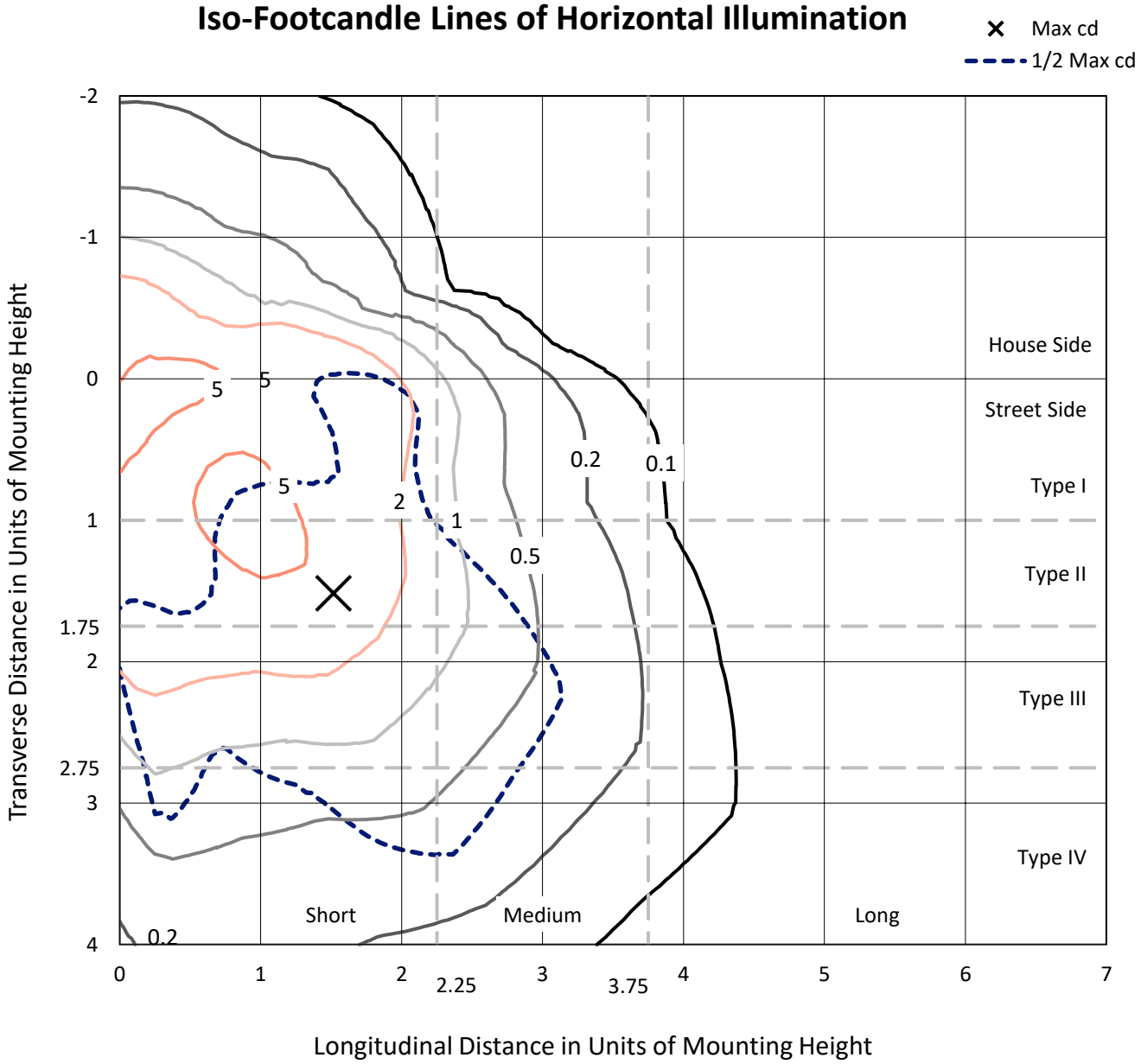


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Iso-Footcandle Lines of Horizontal Illumination



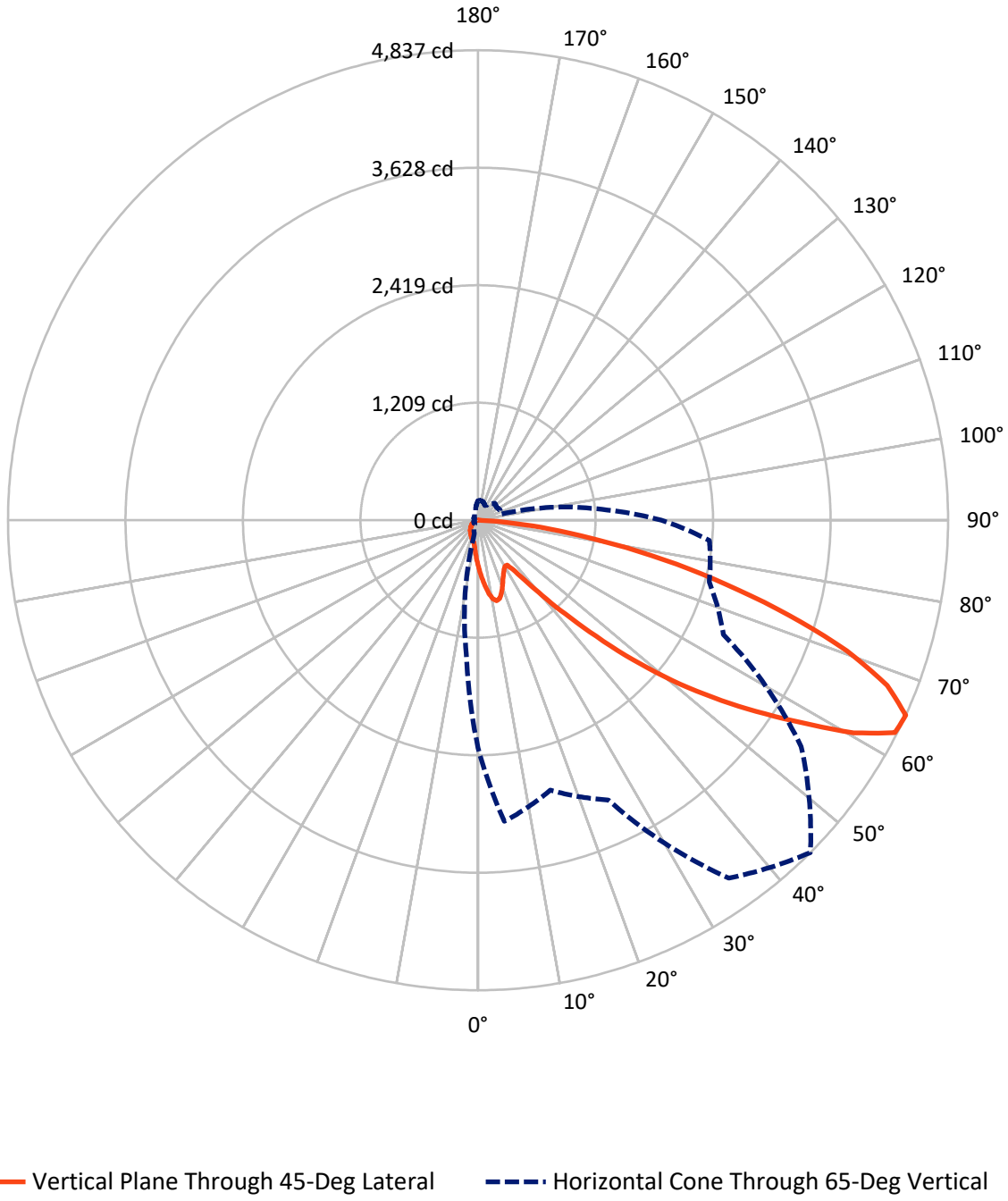
Based on 10 foot mounting height. Maximum calculated value = 7.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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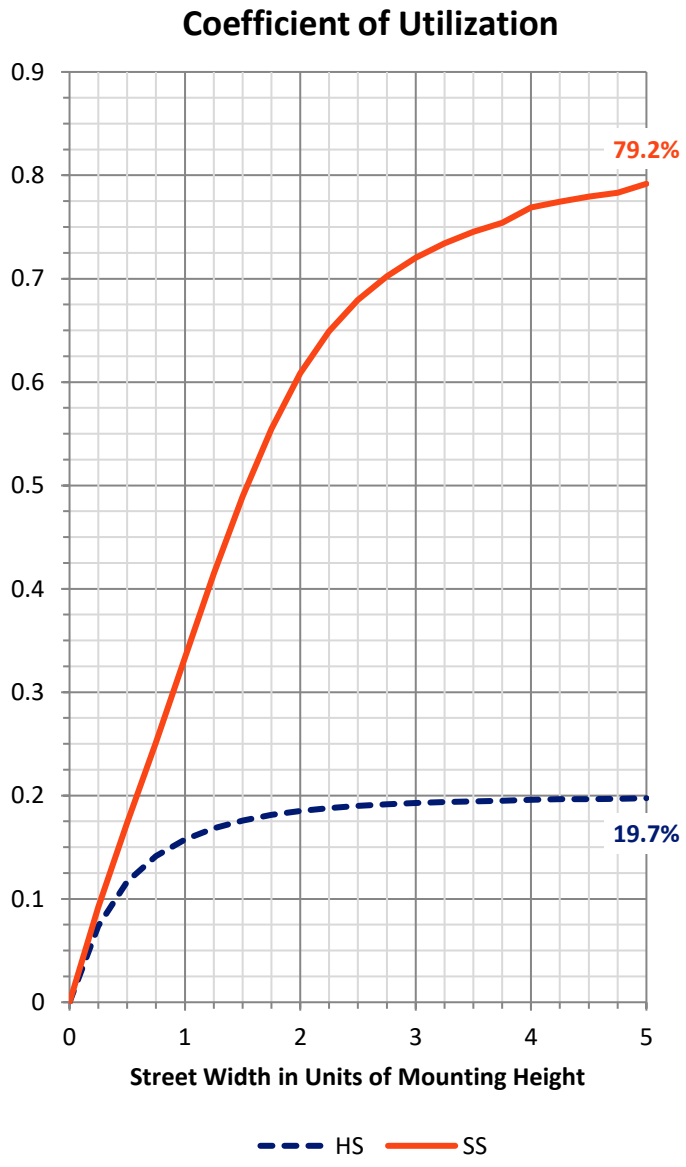
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	684.2	0.0	684.2
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	2757.8	0.0	2757.8
	% Fixture	80.1	0.0	80.1
Total	Lumens	3442.0	0.0	3442.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.9	1.4
10°-20°	140.7	4.1
20°-30°	207.2	6.0
30°-40°	266.2	7.7
40°-50°	430.6	12.5
50°-60°	755.0	21.9
60°-70°	944.8	27.4
70°-80°	552.1	16.0
80°-90°	98.5	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°	3442.0	100.0
0°-180°	3442.0	100.0



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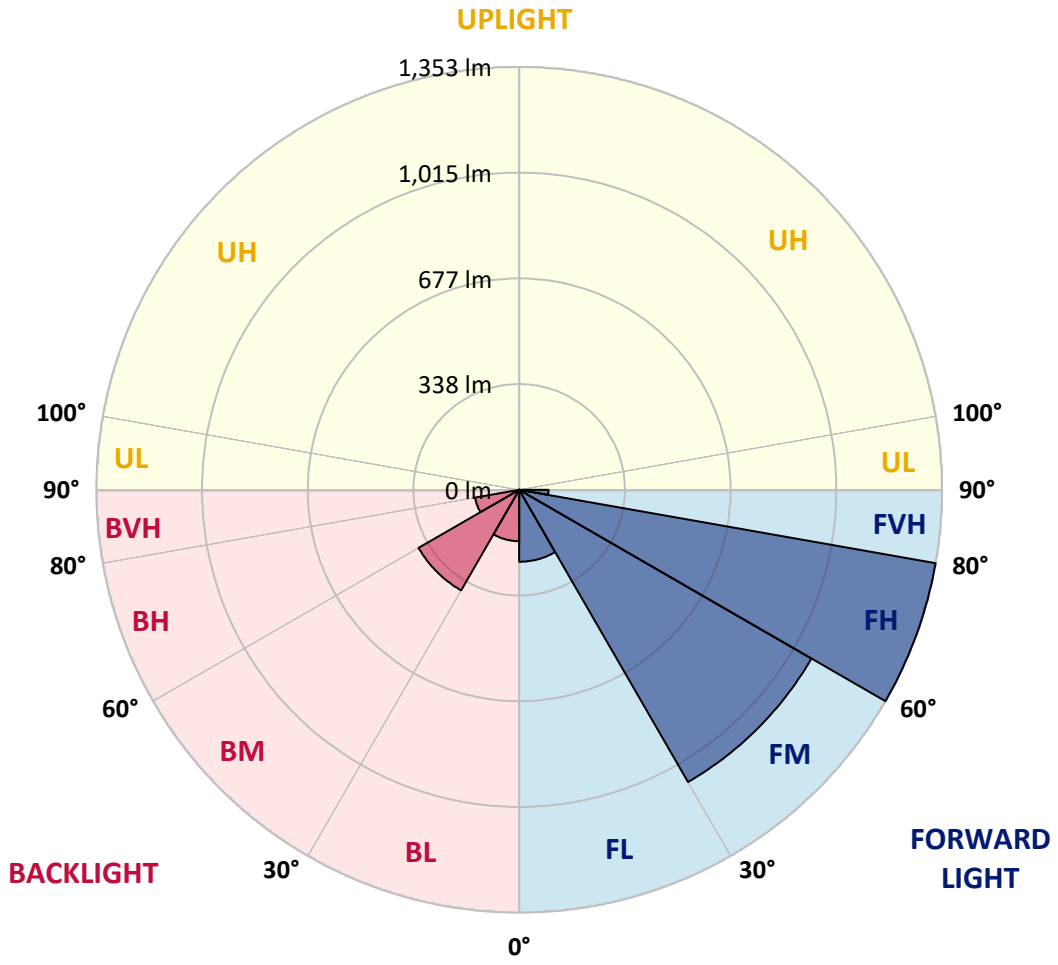
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	230.3	6.7			
FM	(30°-60°)	1080.1	31.4			
FH	(60°-80°)	1353.5	39.3			G1/1800
FVH	(80°-90°)	93.9	2.7			G1/100
BL	(0°-30°)	164.5	4.8	B1/500		
BM	(30°-60°)	371.7	10.8	B1/1000		
BH	(60°-80°)	143.3	4.2	B1/500		G1/500
BVH	(80°-90°)	4.6	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-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	476.6	476.6	476.6	476.6	476.6	*476.6*	476.6	476.6	476.6	476.6	476.6
2.5°	534.0	538.0	547.0	551.8	559.1	*559.6*	559.6	553.2	553.0	539.9	538.5
5°	596.8	606.3	627.7	649.7	654.4	*655.6*	653.3	640.5	631.0	605.6	600.1
7.5°	659.2	677.4	709.9	739.3	748.8	*748.8*	743.1	722.3	702.8	666.1	652.3
10°	710.9	733.9	778.0	810.9	821.9	*819.5*	807.9	781.5	754.7	710.2	692.1
12.5°	745.0	770.9	819.2	845.8	856.9	*850.8*	837.5	811.9	783.7	736.7	716.3
15°	762.1	789.1	831.1	845.1	842.0	*835.6*	833.9	821.6	800.3	756.4	734.1
17.5°	769.4	794.6	823.7	815.0	788.9	*783.9*	800.5	816.2	810.9	773.5	752.6
20°	776.3	797.4	806.2	767.3	721.8	*717.3*	749.1	793.6	816.4	789.4	770.2
22.5°	785.8	798.9	780.8	717.0	668.0	*657.5*	692.6	759.7	818.1	809.5	790.3
25°	798.9	802.4	752.8	669.4	620.1	*609.6*	642.4	722.0	815.2	831.3	815.0
27.5°	814.5	807.1	726.1	629.5	581.9	*572.2*	604.9	685.7	807.1	853.1	841.5
30°	834.9	813.3	699.5	598.7	554.6	*547.5*	579.0	654.4	797.2	880.9	874.5
32.5°	855.5	815.9	674.8	580.7	548.5	*551.1*	576.9	637.6	786.3	907.4	910.5
35°	877.8	824.2	662.7	598.5	599.9	*622.7*	633.3	653.3	784.6	943.5	955.6
37.5°	908.2	842.7	677.2	686.9	736.3	*783.4*	774.7	729.8	803.8	997.3	1019.8
40°	951.8	875.2	740.3	837.5	938.7	*1015.3*	981.9	869.0	862.6	1074.9	1108.5
42.5°	1015.3	926.9	852.2	1021.5	1193.2	*1319.3*	1229.7	1048.5	965.5	1185.6	1228.5
45°	1109.2	1010.6	987.6	1215.7	1506.9	*1705.6*	1519.2	1239.9	1109.7	1353.2	1386.9
47.5°	1239.4	1133.7	1114.5	1420.3	1888.2	*2145.2*	1840.3	1417.3	1273.8	1581.8	1589.6
50°	1412.3	1299.4	1234.7	1644.2	2306.2	*2593.4*	2161.1	1588.5	1461.8	1861.1	1852.1
52.5°	1640.4	1530.6	1374.8	1857.3	2736.1	*3032.0*	2483.3	1738.8	1695.2	2185.3	2166.8
55°	1951.5	1878.4	1566.4	2060.8	3165.8	*3473.3*	2793.0	1880.6	2003.4	2570.4	2458.4
57.5°	2337.5	2389.7	1842.6	2296.7	3552.0	*3928.1*	3104.1	2078.8	2403.7	3001.0	2627.7
60°	2586.5	3069.5	2371.7	2645.5	3990.9	*4442.4*	3530.4	2455.8	2824.3	3155.3	2595.5
62.5°	2526.3	3285.7	3005.2	3090.8	4394.5	*4816.3*	3948.2	2834.5	2903.5	2927.9	2347.0
65°	*2341.5*	*3111.2*	*2876.0*	*3177.4*	*4496.7*	*4837.4*	*4059.9*	*2785.7*	*2462.9*	*2390.4*	*1886.5*
67.5°	2087.3	2904.2	2568.9	2947.8	4312.0	*4542.5*	3852.0	2464.1	1903.3	1793.8	1368.6
70°	1813.0	2675.2	2367.4	2690.3	3959.9	*4028.4*	3498.4	2167.3	1399.9	1211.4	878.3
72.5°	1552.6	2436.6	2229.4	2426.4	3490.1	*3348.3*	3038.2	1904.8	1019.4	873.8	624.3
75°	1286.4	2084.7	2032.8	2113.0	2872.4	*2637.5*	2524.4	1577.1	800.0	632.2	430.8
77.5°	992.6	1629.0	1748.5	1692.1	2021.9	*1959.1*	1956.7	1185.1	584.5	421.8	270.1
80°	679.3	1135.3	1366.0	1193.7	1312.2	*1280.2*	1473.7	795.1	424.0	254.0	150.3
82.5°	399.3	691.2	950.8	577.9	725.6	*744.8*	877.6	386.7	249.4	58.6	32.7
85°	162.0	272.9	371.8	226.2	350.0	*295.2*	333.2	108.6	69.5	1.4	0.0
87.5°	40.8	87.3	61.2	25.4	40.5	*37.2*	29.4	13.3	2.8	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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Scaled Data Report

REPORT NUMBER: P1197346
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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6
2.5°	529.2	523.8	510.3	496.8	485.9	471.2	461.4	449.8	438.7	428.7	426.8
5°	585.2	567.2	542.5	520.0	497.0	474.7	452.7	429.4	408.1	395.0	386.7
7.5°	630.7	599.0	566.2	537.5	509.8	483.7	454.6	426.3	392.9	375.1	359.0
10°	664.6	622.9	580.0	547.0	519.1	493.7	469.0	440.6	400.3	378.0	353.8
12.5°	686.9	637.4	587.1	549.4	518.1	498.4	487.5	476.4	436.3	410.2	375.1
15°	702.3	647.6	592.1	543.9	505.5	491.1	502.0	514.8	489.2	459.1	413.3
17.5°	719.2	660.8	594.2	529.2	481.1	474.9	503.2	532.8	531.6	501.7	456.9
20°	737.0	672.5	592.8	505.5	451.5	456.9	493.0	527.4	541.8	525.7	485.9
22.5°	755.2	683.6	587.3	474.7	423.7	440.8	476.8	507.0	524.0	519.1	488.7
25°	778.2	699.3	579.3	441.5	400.7	424.4	458.1	482.5	494.4	494.2	473.3
27.5°	805.7	720.1	575.0	414.7	384.4	405.9	435.8	457.6	465.9	465.9	449.3
30°	837.7	744.8	570.3	397.2	374.9	386.7	410.0	431.3	439.6	439.6	425.6
32.5°	873.3	768.5	558.9	386.5	367.8	368.0	382.7	402.2	412.1	413.5	403.6
35°	916.0	793.9	534.0	378.0	359.5	349.7	356.9	373.0	384.8	387.9	381.8
37.5°	971.9	824.9	498.4	365.4	346.7	330.5	332.2	344.5	357.6	362.3	358.3
40°	1047.1	861.4	461.4	347.4	328.6	309.4	308.7	317.7	330.5	335.8	333.6
42.5°	1146.5	905.3	426.1	330.1	306.8	287.1	286.0	293.1	304.2	309.7	308.7
45°	1273.6	959.1	395.7	316.6	285.5	266.0	265.6	271.5	281.2	286.9	285.7
47.5°	1450.2	1013.0	375.1	309.4	268.7	248.7	249.7	254.9	263.7	267.7	266.0
50°	1680.5	1029.3	364.7	309.4	259.6	233.3	238.1	242.3	249.0	251.3	249.2
52.5°	1901.4	975.3	355.2	311.3	260.8	220.3	230.5	233.6	239.3	240.2	237.1
55°	2009.8	838.4	342.2	311.8	268.2	209.1	224.3	230.0	232.1	231.9	226.7
57.5°	1972.6	677.9	320.1	309.9	273.2	202.0	216.7	227.6	229.1	226.9	217.2
60°	1841.9	499.1	303.3	295.9	271.3	199.9	205.1	222.4	224.6	221.7	205.8
62.5°	1622.8	346.4	290.2	265.1	263.0	199.2	186.8	211.0	216.3	212.2	189.0
65°	*1277.6*	*244.7*	*249.9*	*232.4*	*244.9*	*195.4*	*167.9*	*197.3*	*204.4*	*198.2*	*165.5*
67.5°	864.5	176.7	202.5	210.6	215.8	186.8	154.1	181.6	191.1	183.1	138.2
70°	466.9	124.0	133.7	177.4	183.3	172.1	141.8	165.7	176.7	167.9	112.6
72.5°	275.8	89.2	93.7	142.5	152.7	151.5	128.0	147.3	160.5	150.1	91.5
75°	152.0	60.2	66.9	103.4	124.0	116.9	110.0	124.7	138.2	128.0	70.7
77.5°	68.1	36.0	46.5	67.8	97.5	80.1	85.1	97.2	109.8	99.1	47.2
80°	26.3	20.2	30.8	37.0	70.9	44.3	54.8	71.6	80.6	72.1	28.7
82.5°	3.3	9.0	13.3	14.5	41.3	23.5	31.8	45.1	44.3	38.4	14.5
85°	0.0	1.7	1.9	0.9	17.8	8.5	10.4	14.7	13.8	10.4	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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°	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6
2.5°	415.2	406.7	402.4	398.8	402.2	404.0	404.0	412.1	416.9	418.8	432.0
5°	365.9	350.0	339.3	332.9	335.0	337.4	340.0	350.2	357.1	361.6	382.2
7.5°	327.0	302.8	287.9	280.0	281.2	282.9	285.0	295.0	301.9	307.8	330.8
10°	307.8	273.6	254.0	244.5	242.8	241.9	241.1	247.1	252.3	257.0	279.8
12.5°	308.7	261.1	237.1	225.5	220.5	214.8	210.3	211.3	214.6	220.5	235.0
15°	320.8	257.0	228.3	213.9	205.6	198.9	193.5	192.3	193.5	194.4	203.4
17.5°	337.2	256.6	220.8	202.7	194.2	188.7	183.8	182.1	182.3	183.5	185.9
20°	350.2	255.1	212.2	192.1	184.5	179.7	174.8	173.1	173.6	173.8	176.4
22.5°	357.1	253.0	202.7	181.4	175.0	170.3	165.7	165.5	165.5	166.9	168.8
25°	357.1	248.5	194.2	171.2	165.5	161.2	155.8	156.7	157.2	159.1	162.0
27.5°	348.6	240.0	187.3	162.4	156.5	152.2	147.3	148.4	149.1	151.3	154.8
30°	337.7	229.8	179.5	154.1	147.3	144.2	139.9	140.4	141.3	143.7	147.7
32.5°	326.0	217.7	173.1	145.8	139.0	136.6	131.8	132.5	133.5	136.1	140.6
35°	313.2	203.4	165.5	138.2	131.4	129.5	124.0	124.5	125.9	128.8	133.3
37.5°	299.7	191.8	157.9	130.9	123.8	121.9	116.2	116.7	118.3	121.6	125.9
40°	286.4	180.4	149.9	123.1	116.0	114.3	108.1	108.6	110.5	114.1	118.6
42.5°	272.0	171.7	139.4	115.0	107.4	105.8	100.1	100.8	102.9	106.5	111.0
45°	254.7	166.0	127.8	107.4	98.9	97.2	92.0	93.4	95.8	99.4	104.1
47.5°	236.9	163.6	118.1	99.4	90.1	88.7	84.4	86.8	89.4	92.2	97.5
50°	219.8	160.5	108.1	91.8	82.5	81.1	78.2	81.3	83.9	86.5	91.5
52.5°	200.4	153.9	99.1	85.1	76.1	75.6	74.2	77.1	79.4	81.8	86.1
55°	180.2	143.2	91.3	79.2	70.7	71.1	70.4	72.8	74.7	76.8	80.6
57.5°	162.7	129.7	85.1	72.8	65.9	67.3	66.4	67.6	68.8	71.4	74.5
60°	144.9	113.6	78.2	65.2	61.2	62.8	60.2	60.0	60.5	61.2	66.9
62.5°	120.9	96.7	69.7	58.6	56.0	56.7	51.7	47.9	47.9	48.6	57.1
65°	*97.2*	*81.1*	*60.2*	*51.0*	*48.8*	*48.4*	*41.3*	*36.0*	*35.6*	*37.7*	*45.1*
67.5°	79.9	67.3	50.7	42.4	41.0	41.5	36.3	31.1	30.6	33.0	38.4
70°	66.2	54.3	40.5	32.7	34.1	36.3	31.1	26.1	25.4	27.5	32.7
72.5°	52.6	42.4	31.1	24.2	28.2	30.8	25.4	20.6	20.2	22.1	27.0
75°	38.7	30.4	21.1	17.5	21.8	24.2	18.5	14.7	14.0	15.6	20.6
77.5°	23.9	17.1	13.3	10.4	14.9	16.1	9.7	8.5	8.3	9.5	13.0
80°	11.1	7.4	6.4	3.6	5.5	6.4	4.0	4.5	4.7	5.7	8.1
82.5°	3.1	1.2	0.2	0.0	0.0	1.9	0.9	1.9	2.4	3.6	5.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	2.1	3.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9
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: P1197346
CATALOG NUMBER: GPC-SB1A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	476.6	476.6	476.6	476.6	476.6	476.6	476.6	476.6
2.5°	442.0	451.5	466.6	482.3	497.7	513.4	528.5	534.0
5°	401.0	422.8	452.9	485.1	518.3	552.0	582.8	596.8
7.5°	355.2	386.5	431.8	482.3	535.2	588.1	636.7	659.2
10°	306.4	346.0	397.6	465.9	541.8	614.8	681.7	710.9
12.5°	259.9	301.4	358.5	440.3	536.6	630.3	710.6	745.0
15°	221.0	257.7	319.4	410.0	519.8	631.2	724.4	762.1
17.5°	191.8	215.8	279.6	376.3	497.7	622.4	729.1	769.4
20°	177.4	184.0	227.9	333.2	477.1	614.1	733.9	776.3
22.5°	168.8	170.5	186.4	277.4	452.4	611.5	742.2	785.8
25°	162.0	162.4	166.7	219.8	414.7	609.9	755.0	798.9
27.5°	155.1	155.1	157.4	177.1	363.5	602.8	771.6	814.5
30°	148.2	148.2	149.9	156.7	303.5	588.8	791.5	834.9
32.5°	141.1	141.1	142.5	147.5	242.3	571.2	809.8	855.5
35°	134.0	133.5	135.4	140.6	192.8	548.9	828.0	877.8
37.5°	126.4	126.1	128.0	134.0	166.5	523.1	841.8	908.2
40°	118.3	118.3	120.5	126.9	158.9	490.6	863.6	951.8
42.5°	111.0	110.5	112.9	120.7	153.2	459.5	902.7	1015.3
45°	103.9	102.9	105.0	114.8	143.2	448.6	975.7	1109.2
47.5°	97.2	94.8	96.7	107.7	134.2	489.4	1095.2	1239.4
50°	91.8	87.3	88.9	100.5	127.3	577.9	1250.3	1412.3
52.5°	86.1	80.1	81.1	91.8	121.2	662.0	1418.4	1640.4
55°	80.1	73.5	74.0	83.0	112.4	674.6	1582.5	1951.5
57.5°	73.5	67.3	67.3	74.9	106.0	584.7	1708.7	2337.5
60°	66.2	62.1	60.9	68.5	111.7	412.6	1723.4	2586.5
62.5°	58.1	56.0	54.3	62.4	116.0	244.5	1605.1	2526.3
65°	*48.8*	*48.4*	*47.2*	*68.5*	*97.7*	*144.4*	*1377.9*	*2341.5*
67.5°	41.0	40.3	40.3	71.8	74.2	90.8	1076.5	2087.3
70°	35.3	32.7	32.7	54.3	45.1	62.8	751.7	1813.0
72.5°	29.6	26.8	24.9	43.4	33.7	46.0	469.7	1552.6
75°	23.7	21.6	19.2	28.7	25.1	34.9	272.9	1286.4
77.5°	17.1	16.1	13.5	21.1	18.3	25.1	162.4	992.6
80°	8.8	9.0	8.5	12.1	12.3	17.1	92.5	679.3
82.5°	5.2	4.0	4.5	5.9	7.1	9.7	34.9	399.3
85°	3.3	2.1	2.1	2.8	3.6	3.8	10.7	162.0
87.5°	1.7	0.7	0.9	1.4	1.2	0.9	0.5	40.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)