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: P1201224

Luminaire Tested: GWC-SB1A-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:	P1201224
	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-SB1A-827-U-SLR-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 350mA 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:	2993 lumens
Efficiency:	N/A
Efficacy:	96.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - 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

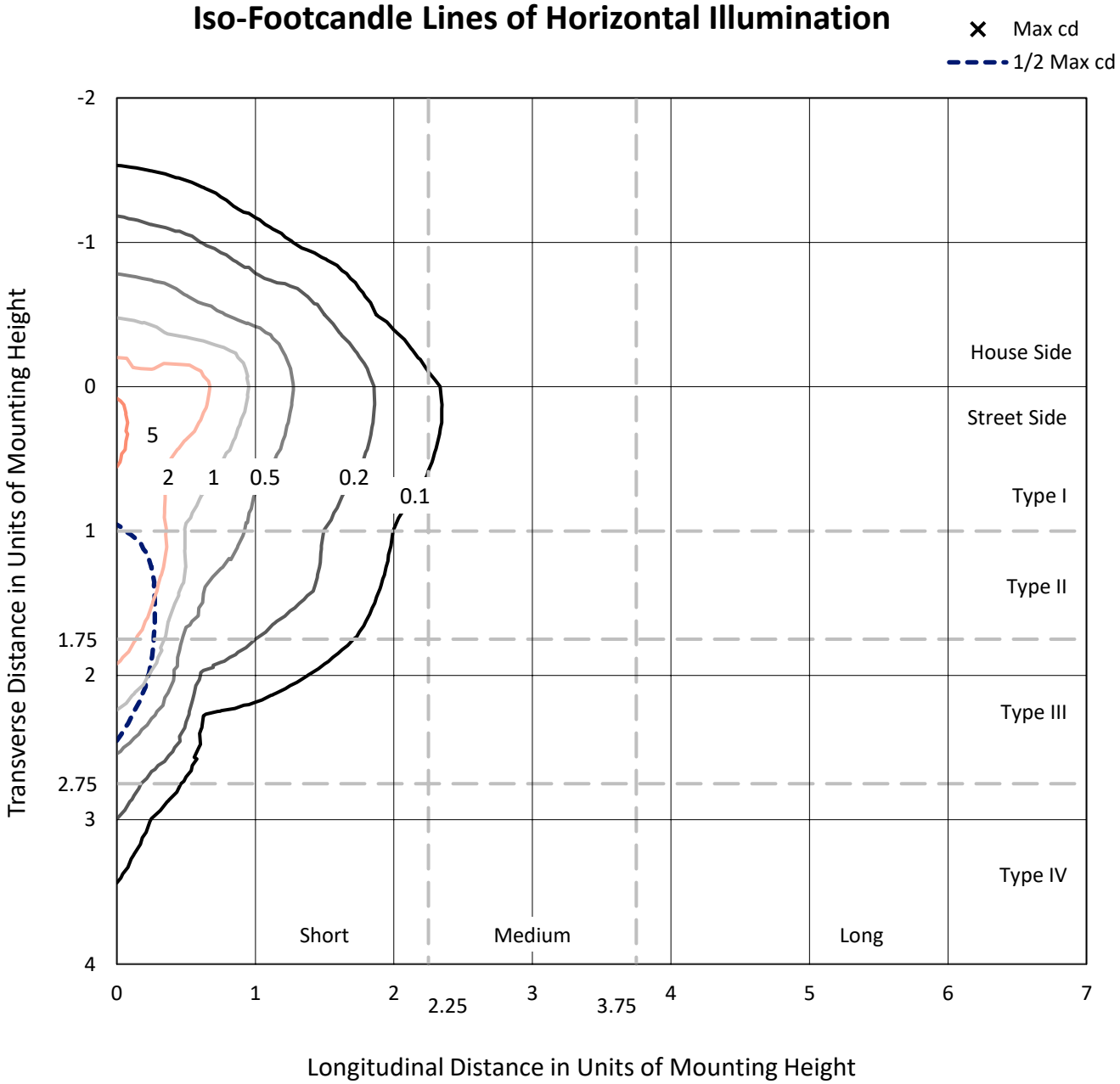


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Iso-Footcandle Lines of Horizontal Illumination



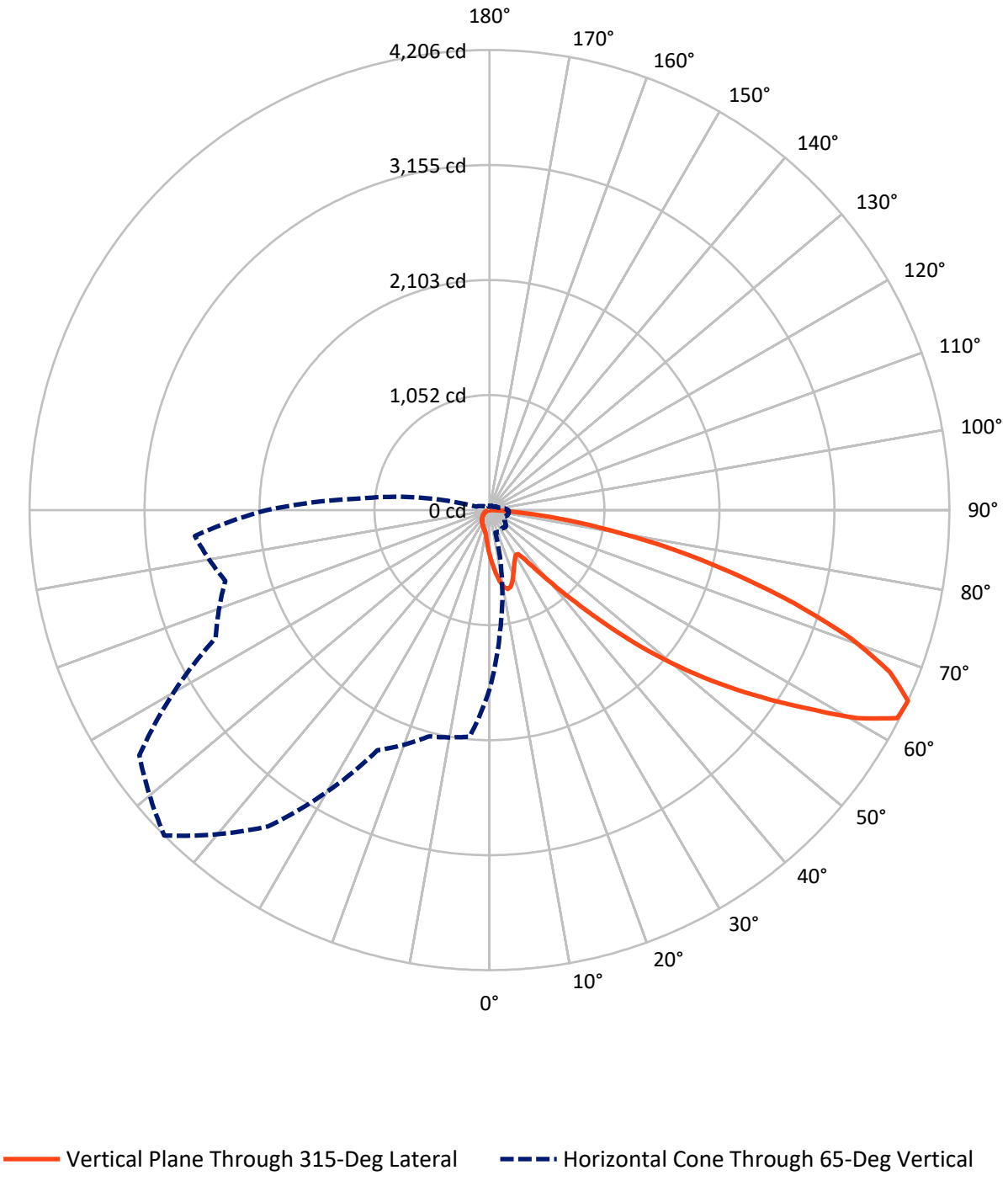
Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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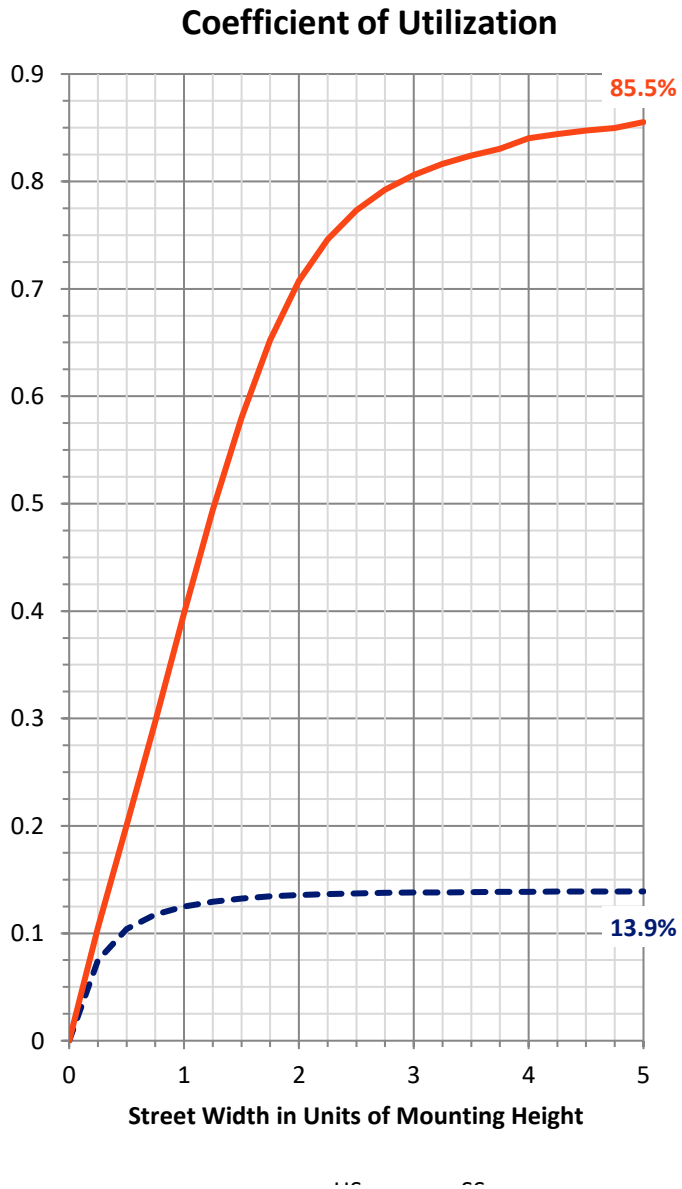
REPORT NUMBER: P1201224
CATALOG NUMBER: GWC-SB1A-827-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	419.1	0.0	419.1
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	2573.9	0.0	2573.9
	% Fixture	86.0	0.0	86.0
Total	Lumens	2993.0	0.0	2993.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	1.4
10°-20°	122.3	4.1
20°-30°	180.2	6.0
30°-40°	231.5	7.7
40°-50°	374.4	12.5
50°-60°	656.6	21.9
60°-70°	821.5	27.4
70°-80°	480.1	16.0
80°-90°	85.6	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°	2993.0	100.0
0°-180°	2993.0	100.0



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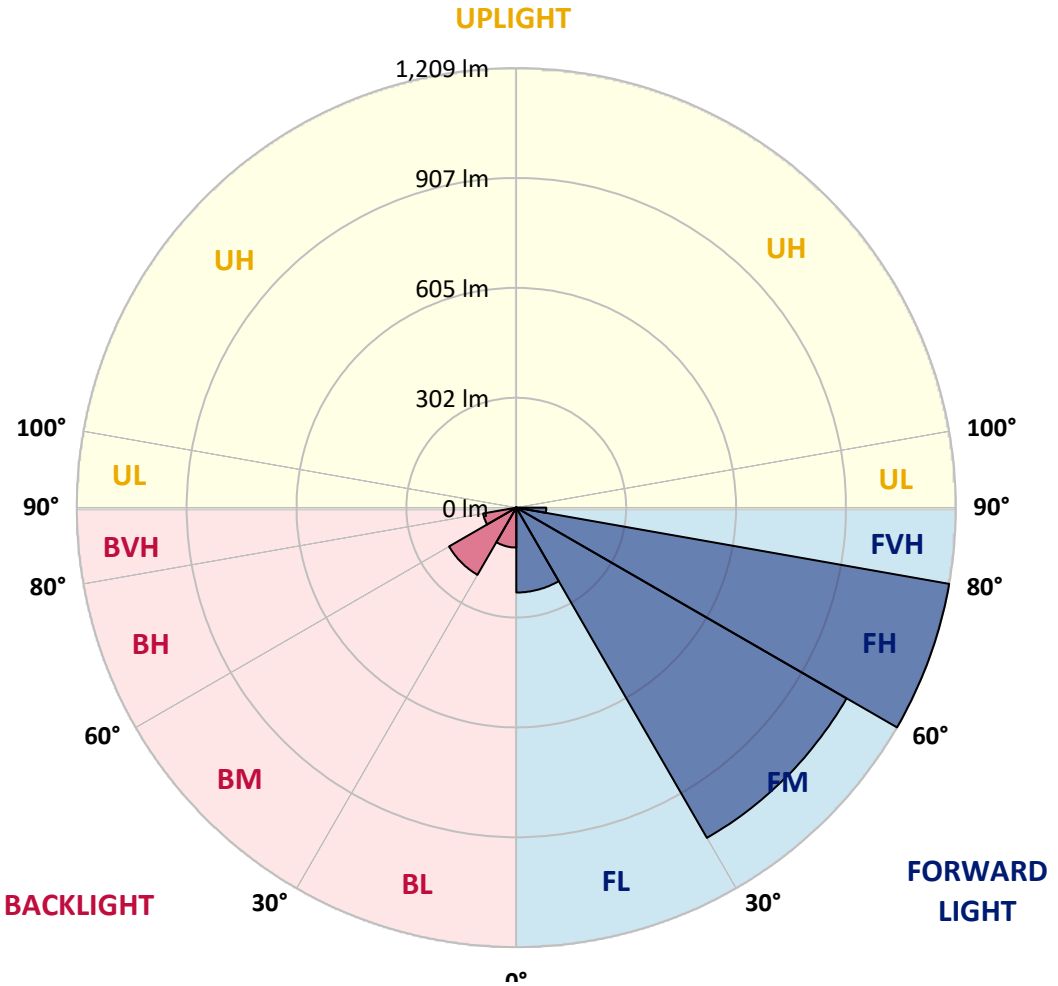
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	233.4	7.8			
FM	(30°-60°)	1049.0	35.0			
FH	(60°-80°)	1209.0	40.4			G1/1800
FVH	(80°-90°)	82.4	2.8			G1/100
BL	(0°-30°)	109.9	3.7	B0/110		
BM	(30°-60°)	213.4	7.1	B0/220		
BH	(60°-80°)	92.6	3.1	B0/110		G0/110
BVH	(80°-90°)	3.3	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4
2.5°	468.2	460.2	455.5	443.7	432.0	422.5	409.7	401.2	391.1	381.4	372.8
5°	521.9	508.9	493.2	471.8	452.2	432.2	412.8	393.6	373.4	354.8	343.5
7.5°	567.2	548.5	520.8	492.4	467.4	443.3	420.6	395.3	370.7	341.7	326.2
10°	601.9	577.9	541.7	504.3	475.7	451.3	429.3	407.8	383.1	348.0	328.7
12.5°	622.9	597.3	554.2	510.5	477.7	450.5	433.4	423.9	414.2	379.4	356.7
15°	638.4	610.7	563.1	514.8	473.0	439.6	427.0	436.5	447.6	425.4	399.2
17.5°	654.4	625.4	574.6	516.7	460.2	418.4	413.0	437.5	463.3	462.3	436.3
20°	669.7	640.8	584.7	515.5	439.6	392.6	397.3	428.7	458.6	471.1	457.1
22.5°	687.2	656.7	594.4	510.7	412.8	368.5	383.3	414.6	440.8	455.7	451.3
25°	708.7	676.7	608.0	503.7	383.9	348.5	369.1	398.4	419.6	429.9	429.7
27.5°	731.8	700.6	626.2	500.0	360.6	334.2	353.0	379.0	397.9	405.2	405.2
30°	760.4	728.5	647.6	495.9	345.4	326.0	336.3	356.5	375.1	382.3	382.3
32.5°	791.8	759.4	668.3	486.0	336.1	319.8	320.0	332.8	349.7	358.4	359.6
35°	830.9	796.5	690.3	464.3	328.7	312.6	304.1	310.3	324.3	334.6	337.3
37.5°	886.8	845.2	717.3	433.4	317.7	301.4	287.4	288.9	299.6	310.9	315.1
40°	963.9	910.5	749.1	401.2	302.1	285.8	269.1	268.5	276.3	287.4	292.0
42.5°	1068.3	996.9	787.2	370.5	287.0	266.8	249.7	248.7	254.8	264.5	269.3
45°	1206.0	1107.4	834.0	344.1	275.3	248.2	231.3	230.9	236.1	244.5	249.5
47.5°	1382.3	1261.0	880.8	326.2	269.1	233.6	216.3	217.1	221.7	229.3	232.8
50°	1610.5	1461.2	895.1	317.1	269.1	225.8	202.9	207.0	210.7	216.5	218.6
52.5°	1884.1	1653.4	848.0	308.9	270.7	226.8	191.5	200.4	203.1	208.0	208.9
55°	2137.7	1747.6	729.1	297.5	271.1	233.2	181.9	195.1	200.0	201.9	201.7
57.5°	2285.0	1715.3	589.5	278.4	269.5	237.5	175.7	188.5	197.9	199.2	197.3
60°	2256.9	1601.7	434.0	263.7	257.3	235.9	173.8	178.4	193.4	195.3	192.8
62.5°	2040.8	1411.1	301.2	252.4	230.5	228.7	173.2	162.5	183.5	188.0	184.5
65°	*1640.4*	*1110.9*	*212.8*	*217.3*	*202.1*	*213.0*	*169.9*	*146.0*	*171.5*	*177.7*	*172.4*
67.5°	1190.1	751.8	153.6	176.1	183.1	187.6	162.5	134.0	157.9	166.2	159.2
70°	763.7	406.0	107.8	116.3	154.2	159.4	149.7	123.3	144.1	153.6	146.0
72.5°	542.9	239.8	77.5	81.4	123.9	132.8	131.8	111.3	128.0	139.6	130.5
75°	374.6	132.2	52.4	58.1	89.9	107.8	101.6	95.7	108.5	120.2	111.3
77.5°	234.8	59.2	31.3	40.4	59.0	84.7	69.7	74.0	84.5	95.5	86.2
80°	130.7	22.9	17.5	26.8	32.2	61.6	38.6	47.6	62.3	70.1	62.7
82.5°	28.5	2.9	7.8	11.5	12.6	35.9	20.4	27.6	39.2	38.6	33.4
85°	0.0	0.0	1.4	1.6	0.8	15.5	7.4	9.1	12.8	12.0	9.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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°	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4
2.5°	371.1	361.0	353.6	349.9	346.8	349.7	351.3	351.3	358.4	362.5	364.1
5°	336.3	318.1	304.3	295.1	289.5	291.3	293.4	295.7	304.5	310.5	314.4
7.5°	312.2	284.3	263.3	250.3	243.5	244.5	246.0	247.8	256.5	262.5	267.6
10°	307.6	267.6	237.9	220.8	212.6	211.1	210.3	209.7	214.8	219.4	223.5
12.5°	326.2	268.5	227.0	206.2	196.1	191.8	186.8	182.9	183.7	186.6	191.8
15°	359.4	279.0	223.5	198.6	186.0	178.8	173.0	168.2	167.2	168.2	169.1
17.5°	397.3	293.2	223.1	192.0	176.3	168.9	164.1	159.8	158.4	158.6	159.6
20°	422.5	304.5	221.9	184.5	167.0	160.4	156.3	152.0	150.5	150.9	151.1
22.5°	425.0	310.5	220.0	176.3	157.7	152.2	148.0	144.1	143.9	143.9	145.2
25°	411.5	310.5	216.1	168.9	148.9	143.9	140.2	135.5	136.3	136.7	138.4
27.5°	390.7	303.1	208.7	162.9	141.2	136.1	132.4	128.0	129.1	129.7	131.5
30°	370.1	293.6	199.8	156.1	134.0	128.0	125.4	121.6	122.1	122.9	124.9
32.5°	350.9	283.5	189.3	150.5	126.8	120.8	118.8	114.6	115.3	116.1	118.4
35°	332.0	272.4	176.9	143.9	120.2	114.2	112.6	107.8	108.2	109.5	112.0
37.5°	311.5	260.6	166.8	137.3	113.8	107.6	106.0	101.0	101.4	102.9	105.8
40°	290.1	249.1	156.9	130.3	107.0	100.8	99.4	94.0	94.4	96.1	99.2
42.5°	268.5	236.5	149.3	121.2	100.0	93.4	92.0	87.0	87.6	89.5	92.6
45°	248.5	221.4	144.3	111.1	93.4	86.0	84.5	80.0	81.2	83.3	86.4
47.5°	231.3	206.0	142.3	102.7	86.4	78.4	77.1	73.4	75.5	77.7	80.2
50°	216.7	191.1	139.6	94.0	79.8	71.8	70.5	68.0	70.7	73.0	75.3
52.5°	206.2	174.2	133.8	86.2	74.0	66.2	65.8	64.5	67.0	69.1	71.1
55°	197.1	156.7	124.5	79.4	68.9	61.4	61.9	61.2	63.3	64.9	66.8
57.5°	188.9	141.4	112.8	74.0	63.3	57.3	58.6	57.7	58.8	59.8	62.1
60°	179.0	126.0	98.8	68.0	56.7	53.2	54.6	52.4	52.2	52.6	53.2
62.5°	164.3	105.2	84.1	60.6	50.9	48.7	49.3	44.9	41.6	41.6	42.3
65°	*143.9*	*84.5*	*70.5*	*52.4*	*44.3*	*42.5*	*42.1*	*35.9*	*31.3*	*30.9*	*32.8*
67.5°	120.2	69.5	58.6	44.1	36.9	35.7	36.1	31.5	27.0	26.6	28.7
70°	97.9	57.5	47.2	35.3	28.5	29.7	31.5	27.0	22.7	22.1	23.9
72.5°	79.6	45.8	36.9	27.0	21.0	24.5	26.8	22.1	17.9	17.5	19.2
75°	61.4	33.6	26.4	18.4	15.3	19.0	21.0	16.1	12.8	12.2	13.6
77.5°	41.0	20.8	14.8	11.5	9.1	13.0	14.0	8.5	7.4	7.2	8.2
80°	24.9	9.7	6.4	5.6	3.1	4.7	5.6	3.5	3.9	4.1	4.9
82.5°	12.6	2.7	1.0	0.2	0.0	0.0	1.6	0.8	1.6	2.1	3.1
85°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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°	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4	414.4
2.5°	375.7	384.3	392.6	405.8	419.4	432.8	446.4	459.6	464.3	467.8	475.7
5°	332.4	348.7	367.6	393.8	421.9	450.7	480.0	506.8	519.0	527.2	545.8
7.5°	287.6	308.9	336.1	375.5	419.4	465.4	511.3	553.6	573.2	589.1	617.3
10°	243.3	266.4	300.8	345.8	405.2	471.1	534.6	592.8	618.1	638.1	676.5
12.5°	204.3	226.0	262.1	311.8	382.9	466.6	548.0	617.9	647.8	670.3	712.4
15°	176.9	192.2	224.1	277.7	356.5	452.0	548.9	629.9	662.7	686.2	722.7
17.5°	161.7	166.8	187.6	243.1	327.2	432.8	541.2	634.0	669.1	690.9	716.3
20°	153.4	154.2	160.0	198.1	289.7	414.8	534.0	638.1	675.1	693.4	701.0
22.5°	146.8	146.8	148.2	162.1	241.2	393.4	531.8	645.4	683.3	694.6	679.0
25°	140.8	140.8	141.2	144.9	191.1	360.6	530.3	656.5	694.6	697.7	654.6
27.5°	134.6	134.8	134.8	136.9	154.0	316.1	524.1	670.9	708.3	701.9	631.3
30°	128.5	128.9	128.9	130.3	136.3	263.9	512.0	688.3	726.0	707.2	608.2
32.5°	122.3	122.7	122.7	123.9	128.2	210.7	496.7	704.1	743.9	709.5	586.8
35°	115.9	116.5	116.1	117.7	122.3	167.6	477.3	720.0	763.3	716.7	576.3
37.5°	109.5	109.9	109.7	111.3	116.5	144.7	454.8	732.0	789.7	732.8	588.9
40°	103.1	102.9	102.9	104.7	110.3	138.1	426.6	750.9	827.6	761.0	643.7
42.5°	96.5	96.5	96.1	98.1	104.9	133.2	399.6	785.0	882.9	806.0	741.0
45°	90.5	90.3	89.5	91.3	99.8	124.5	390.1	848.5	964.5	878.8	858.8
47.5°	84.7	84.5	82.5	84.1	93.6	116.7	425.6	952.4	1077.7	985.8	969.1
50°	79.6	79.8	75.9	77.3	87.4	110.7	502.5	1087.2	1228.0	1129.9	1073.6
52.5°	74.8	74.8	69.7	70.5	79.8	105.4	575.7	1233.4	1426.4	1330.9	1195.5
55°	70.1	69.7	63.9	64.3	72.2	97.7	586.6	1376.1	1696.9	1633.4	1362.1
57.5°	64.7	63.9	58.6	58.6	65.2	92.2	508.5	1485.8	2032.6	2077.9	1602.3
60°	58.1	57.5	54.0	53.0	59.6	97.1	358.8	1498.6	2249.1	2669.1	2062.3
62.5°	49.7	50.5	48.7	47.2	54.2	100.8	212.6	1395.7	2196.7	2857.1	2613.2
65°	*39.2*	*42.5*	*42.1*	*41.0*	*59.6*	*84.9*	*125.6*	*1198.1*	*2036.1*	*2705.4*	*2500.8*
67.5°	33.4	35.7	35.1	35.1	62.5	64.5	79.0	936.1	1815.1	2525.4	2233.8
70°	28.5	30.7	28.5	28.5	47.2	39.2	54.6	653.6	1576.5	2326.2	2058.6
72.5°	23.5	25.8	23.3	21.6	37.7	29.3	40.0	408.5	1350.1	2118.8	1938.6
75°	17.9	20.6	18.8	16.7	24.9	21.9	30.3	237.3	1118.6	1812.8	1767.6
77.5°	11.3	14.8	14.0	11.8	18.4	15.9	21.9	141.2	863.1	1416.5	1520.4
80°	7.0	7.6	7.8	7.4	10.5	10.7	14.8	80.4	590.7	987.2	1187.8
82.5°	4.5	4.5	3.5	3.9	5.2	6.2	8.5	30.3	347.2	601.0	826.8
85°	3.3	2.9	1.9	1.9	2.5	3.1	3.3	9.3	140.8	237.3	323.3
87.5°	1.6	1.4	0.6	0.8	1.2	1.0	0.8	0.4	35.5	75.9	53.2
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: P1201224
CATALOG NUMBER: GWC-SB1A-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	414.4	414.4	*414.4*	414.4	414.4	414.4	414.4	414.4
2.5°	479.8	486.2	*486.6*	486.6	481.0	480.8	469.5	468.2
5°	565.0	569.1	*570.1*	568.0	556.9	548.7	526.6	521.9
7.5°	642.9	651.1	*651.1*	646.2	628.0	611.1	579.2	567.2
10°	705.2	714.6	*712.6*	702.5	679.6	656.3	617.5	601.9
12.5°	735.5	745.2	*739.8*	728.3	706.0	681.4	640.6	622.9
15°	734.8	732.2	*726.6*	725.2	714.4	695.9	657.7	638.4
17.5°	708.7	686.0	*681.7*	696.1	709.7	705.2	672.6	654.4
20°	667.2	627.6	*623.7*	651.3	690.1	709.9	686.4	669.7
22.5°	623.5	580.8	*571.8*	602.3	660.6	711.3	703.9	687.2
25°	582.1	539.2	*530.1*	558.6	627.8	708.9	722.9	708.7
27.5°	547.4	506.0	*497.5*	526.0	596.3	701.9	741.9	731.8
30°	520.6	482.3	*476.1*	503.5	569.1	693.2	766.0	760.4
32.5°	505.0	476.9	*479.2*	501.7	554.4	683.7	789.1	791.8
35°	520.4	521.7	*541.4*	550.7	568.0	682.3	820.4	830.9
37.5°	597.3	640.2	*681.2*	673.6	634.6	699.0	867.2	886.8
40°	728.3	816.3	*882.9*	853.8	755.7	750.1	934.6	963.9
42.5°	888.3	1037.5	*1147.2*	1069.3	911.8	839.6	1030.9	1068.3
45°	1057.1	1310.3	*1483.1*	1321.0	1078.1	965.0	1176.7	1206.0
47.5°	1235.1	1641.9	*1865.4*	1600.2	1232.4	1107.6	1375.5	1382.3
50°	1429.7	2005.4	*2255.1*	1879.2	1381.2	1271.1	1618.4	1610.5
52.5°	1615.1	2379.2	*2636.5*	2159.4	1512.0	1474.0	1900.2	1884.1
55°	1792.0	2752.8	*3020.2*	2428.7	1635.3	1742.1	2235.1	2137.7
57.5°	1997.1	3088.7	*3415.7*	2699.2	1807.6	2090.1	2609.5	2285.0
60°	2300.4	3470.3	*3862.9*	3069.9	2135.5	2455.9	2743.7	2256.9
62.5°	2687.6	3821.3	*4188.1*	3433.2	2464.8	2524.8	2546.0	2040.8
65°	*2762.9*	*3910.1*	*4206.4*	*3530.3*	*2422.3*	*2141.7*	*2078.6*	*1640.4*
67.5°	2563.3	3749.5	*3949.9*	3349.5	2142.7	1655.1	1559.8	1190.1
70°	2339.4	3443.3	*3502.9*	3042.1	1884.5	1217.3	1053.4	763.7
72.5°	2109.9	3034.9	*2911.6*	2641.9	1656.3	886.4	759.8	542.9
75°	1837.3	2497.7	*2293.4*	2195.1	1371.3	695.7	549.7	374.6
77.5°	1471.3	1758.2	*1703.5*	1701.5	1030.5	508.2	366.8	234.8
80°	1037.9	1141.0	*1113.2*	1281.4	691.3	368.7	220.8	130.7
82.5°	502.5	630.9	*647.6*	763.1	336.3	216.9	50.9	28.5
85°	196.7	304.3	*256.7*	289.7	94.4	60.4	1.2	0.0
87.5°	22.1	35.3	*32.4*	25.6	11.5	2.5	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)