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: P1202630

Luminaire Tested: GWC-SB2A-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:	P1202630
	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-SB2A-735-U-SLL-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6845 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

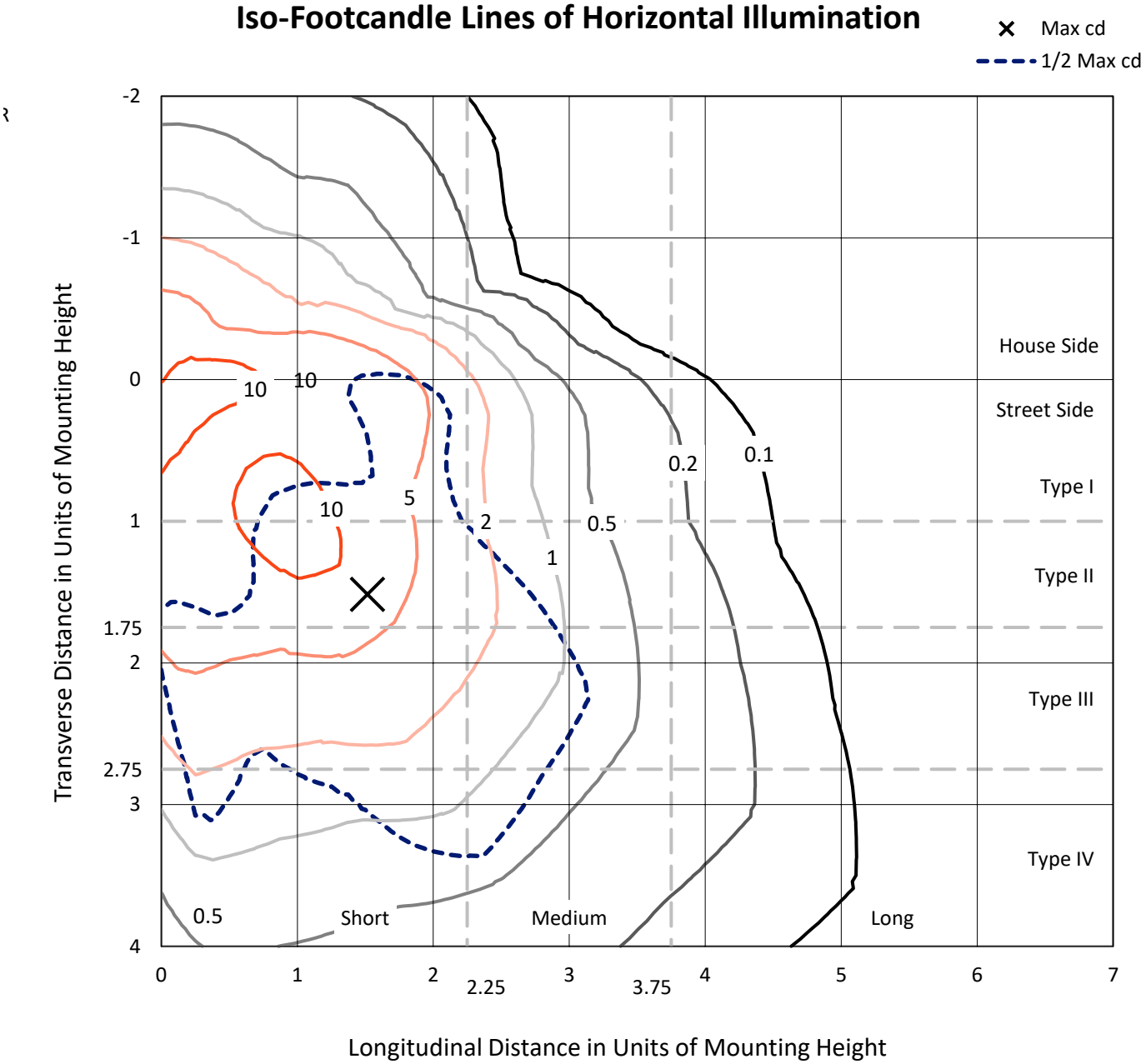


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Iso-Footcandle Lines of Horizontal Illumination



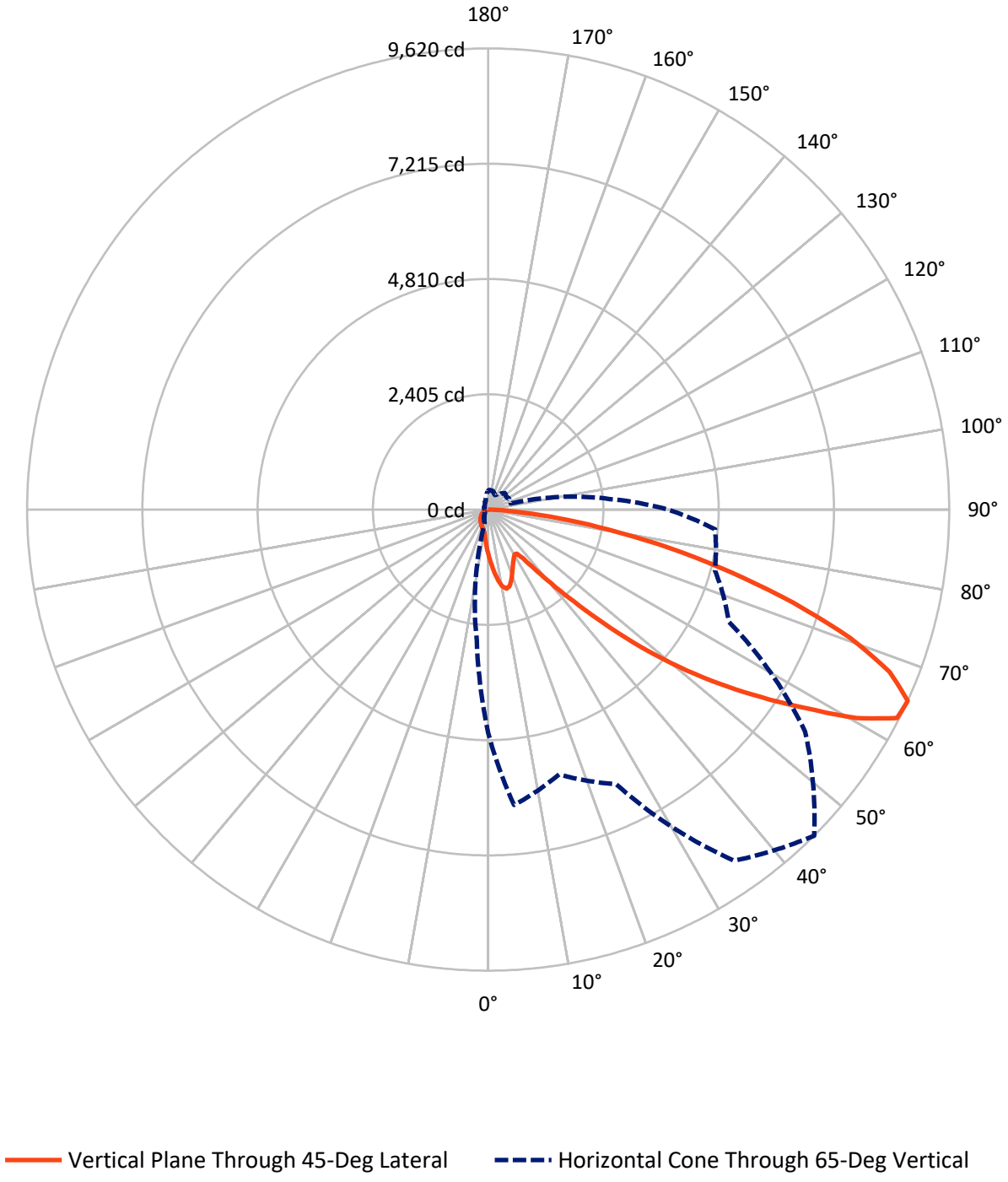
Based on 10 foot mounting height. Maximum calculated value = 15.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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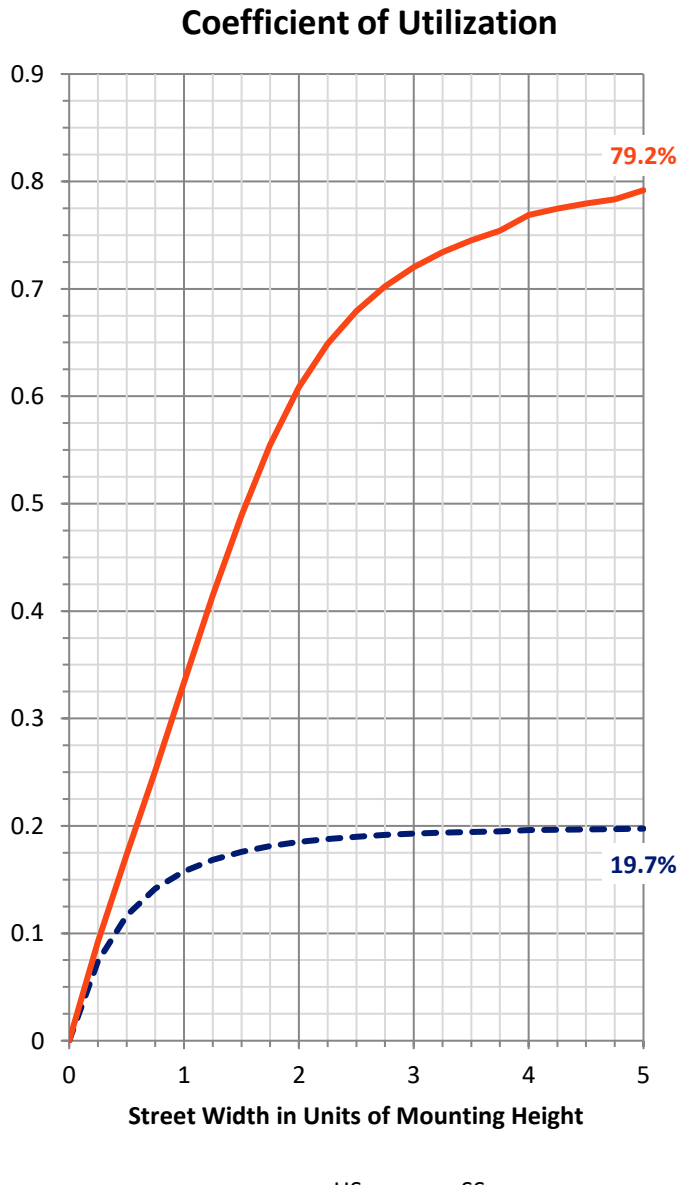
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1360.6	0.0	1360.6
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	5484.4	0.0	5484.4
	% Fixture	80.1	0.0	80.1
Total	Lumens	6845.0	0.0	6845.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.3	1.4
10°-20°	279.7	4.1
20°-30°	412.1	6.0
30°-40°	529.4	7.7
40°-50°	856.3	12.5
50°-60°	1501.5	21.9
60°-70°	1878.8	27.4
70°-80°	1097.9	16.0
80°-90°	195.9	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°	6845.0	100.0
0°-180°	6845.0	100.0



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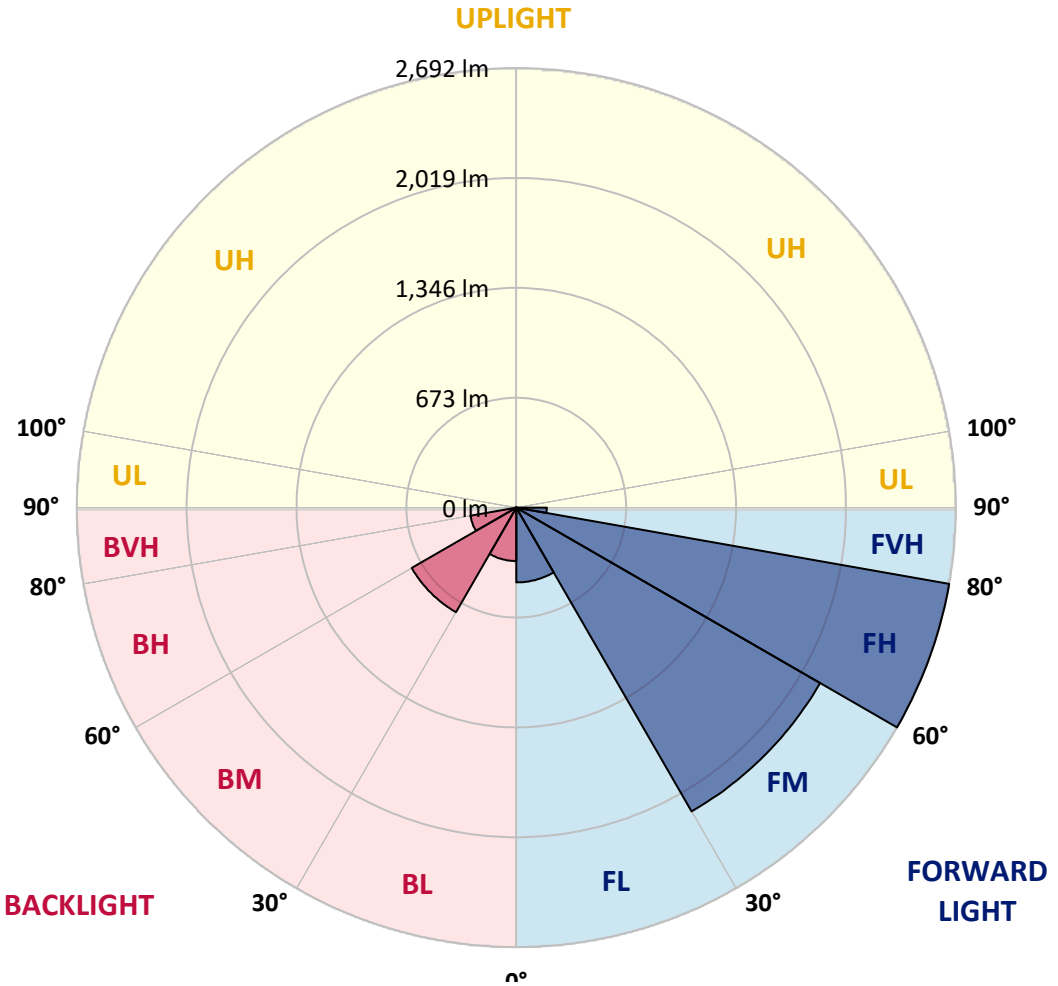
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	458.0	6.7			
FM	(30°-60°)	2148.0	31.4			
FH	(60°-80°)	2691.7	39.3			G2/5000
FVH	(80°-90°)	186.7	2.7			G2/225
BL	(0°-30°)	327.1	4.8	B1/500		
BM	(30°-60°)	739.2	10.8	B1/1000		
BH	(60°-80°)	285.1	4.2	B1/500		G1/500
BVH	(80°-90°)	9.2	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	947.8	947.8	947.8	947.8	947.8	*947.8*	947.8	947.8	947.8	947.8	947.8
2.5°	1061.9	1069.9	1087.9	1097.3	1111.9	*1112.9*	1112.9	1100.1	1099.7	1073.7	1070.9
5°	1186.9	1205.8	1248.2	1292.0	1301.5	*1303.8*	1299.1	1273.7	1254.8	1204.3	1193.5
7.5°	1310.9	1347.2	1411.8	1470.3	1489.2	*1489.2*	1477.8	1436.3	1397.7	1324.6	1297.2
10°	1413.7	1459.4	1547.2	1612.7	1634.4	*1629.7*	1606.6	1554.2	1500.9	1412.3	1376.5
12.5°	1481.6	1533.0	1629.2	1682.0	1704.2	*1691.9*	1665.5	1614.6	1558.5	1465.1	1424.5
15°	1515.6	1569.3	1652.8	1680.6	1674.5	*1661.7*	1658.4	1633.9	1591.5	1504.2	1459.9
17.5°	1530.2	1580.2	1638.2	1620.7	1568.8	*1558.9*	1591.9	1623.1	1612.7	1538.2	1496.7
20°	1543.9	1585.8	1603.3	1525.9	1435.4	*1426.4*	1489.6	1578.3	1623.5	1569.8	1531.6
22.5°	1562.7	1588.6	1552.8	1426.0	1328.4	*1307.6*	1377.4	1510.8	1626.8	1609.9	1571.7
25°	1588.6	1595.7	1497.2	1331.2	1233.1	*1212.4*	1277.4	1435.9	1621.2	1653.3	1620.7
27.5°	1619.8	1605.2	1443.9	1252.0	1157.2	*1137.8*	1202.9	1363.7	1605.2	1696.6	1673.5
30°	1660.3	1617.4	1391.1	1190.7	1103.0	*1088.8*	1151.5	1301.5	1585.3	1751.8	1739.1
32.5°	1701.3	1622.6	1342.0	1154.8	1090.7	*1095.9*	1147.3	1268.0	1563.7	1804.6	1810.7
35°	1745.7	1639.1	1318.0	1190.2	1193.0	*1238.3*	1259.5	1299.1	1560.4	1876.3	1900.3
37.5°	1806.0	1675.9	1346.7	1366.1	1464.2	*1558.0*	1540.6	1451.4	1598.6	1983.3	2028.1
40°	1892.8	1740.5	1472.2	1665.5	1866.9	*2019.2*	1952.7	1728.2	1715.5	2137.5	2204.5
42.5°	2019.2	1843.3	1694.7	2031.4	2372.8	*2623.7*	2445.5	2085.2	1920.1	2357.7	2443.1
45°	2205.9	2009.7	1964.0	2417.6	2996.7	*3391.9*	3021.2	2465.7	2206.8	2691.1	2758.1
47.5°	2464.8	2254.5	2216.3	2824.6	3754.9	*4266.1*	3659.7	2818.4	2533.2	3145.7	3161.3
50°	2808.5	2584.1	2455.4	3269.7	4586.3	*5157.3*	4297.7	3158.9	2907.1	3701.2	3683.3
52.5°	3262.2	3043.8	2734.0	3693.6	5441.2	*6029.7*	4938.5	3457.9	3371.1	4345.8	4309.0
55°	3880.8	3735.6	3115.1	4098.2	6295.7	*6907.2*	5554.4	3739.9	3984.1	5111.6	4889.0
57.5°	4648.5	4752.3	3664.4	4567.4	7063.8	*7811.7*	6173.0	4134.1	4780.1	5967.9	5225.7
60°	5143.7	6104.2	4716.4	5261.1	7936.6	*8834.5*	7020.9	4883.8	5616.6	6274.9	5161.6
62.5°	5023.9	6534.3	5976.4	6146.6	8739.2	*9578.1*	7851.8	5636.9	5774.1	5822.7	4667.4
65°	*4656.5*	*6187.2*	*5719.4*	*6318.8*	*8942.5*	*9620.1*	*8073.9*	*5539.8*	*4898.0*	*4753.7*	*3751.6*
67.5°	4151.0	5775.5	5108.8	5862.3	8575.1	*9033.5*	7660.3	4900.3	3785.1	3567.3	2721.8
70°	3605.5	5320.0	4707.9	5350.2	7874.9	*8011.1*	6957.2	4310.0	2784.0	2409.1	1746.6
72.5°	3087.7	4845.6	4433.5	4825.4	6940.7	*6658.7*	6042.0	3788.0	2027.2	1737.7	1241.6
75°	2558.2	4145.9	4042.6	4202.0	5712.3	*5245.0*	5020.1	3136.3	1591.0	1257.1	856.8
77.5°	1973.9	3239.5	3477.2	3365.0	4020.9	*3895.9*	3891.2	2356.8	1162.4	838.9	537.1
80°	1351.0	2257.8	2716.6	2373.8	2609.6	*2545.9*	2930.7	1581.1	843.1	505.0	299.0
82.5°	794.1	1374.6	1890.9	1149.2	1442.9	*1481.1*	1745.2	769.1	496.1	116.5	65.1
85°	322.1	542.8	739.4	449.9	696.0	*587.1*	662.5	216.0	138.2	2.8	0.0
87.5°	81.1	173.5	121.7	50.5	80.6	*74.0*	58.5	26.4	5.7	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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8
2.5°	1052.5	1041.7	1014.8	987.9	966.2	937.0	917.6	894.5	872.4	852.6	848.8
5°	1163.8	1127.9	1078.9	1034.1	988.4	944.0	900.2	854.0	811.5	785.6	769.1
7.5°	1254.3	1191.1	1126.1	1069.0	1013.8	962.0	904.0	847.8	781.4	746.0	713.9
10°	1321.8	1238.8	1153.4	1087.9	1032.2	981.8	932.7	876.1	796.0	751.6	703.6
12.5°	1366.1	1267.5	1167.6	1092.6	1030.3	991.2	969.5	947.3	867.7	815.8	746.0
15°	1396.7	1287.8	1177.5	1081.7	1005.3	976.6	998.3	1023.7	972.8	912.9	821.9
17.5°	1430.2	1314.2	1181.7	1052.5	956.8	944.5	1000.6	1059.6	1057.2	997.8	908.7
20°	1465.6	1337.3	1178.9	1005.3	897.8	908.7	980.4	1048.7	1077.5	1045.4	966.2
22.5°	1501.9	1359.5	1168.0	944.0	842.7	876.6	948.3	1008.2	1042.1	1032.2	971.9
25°	1547.6	1390.6	1152.0	878.0	796.9	844.1	911.0	959.6	983.2	982.7	941.2
27.5°	1602.3	1432.1	1143.5	824.7	764.4	807.3	866.7	910.1	926.6	926.6	893.6
30°	1666.0	1481.1	1134.1	789.8	745.5	769.1	815.3	857.7	874.3	874.3	846.4
32.5°	1736.7	1528.3	1111.4	768.6	731.4	731.8	761.1	799.7	819.6	822.4	802.6
35°	1821.6	1578.7	1061.9	751.6	714.9	695.5	709.7	741.7	765.3	771.5	759.2
37.5°	1932.9	1640.5	991.2	726.7	689.4	657.3	660.6	685.2	711.1	720.5	712.5
40°	2082.4	1713.1	917.6	690.8	653.6	615.4	614.0	631.9	657.3	667.7	663.5
42.5°	2279.9	1800.4	847.4	656.4	610.2	571.0	568.7	582.8	605.0	615.8	614.0
45°	2532.7	1907.4	787.0	629.5	567.7	529.1	528.1	539.9	559.3	570.6	568.2
47.5°	2884.0	2014.5	746.0	615.4	534.3	494.7	496.5	506.9	524.4	532.4	529.1
50°	3341.9	2047.0	725.2	615.4	516.3	464.0	473.4	481.9	495.1	499.8	495.6
52.5°	3781.4	1939.5	706.4	619.1	518.7	438.1	458.3	464.5	475.8	477.7	471.5
55°	3996.8	1667.4	680.4	620.1	533.3	415.9	446.1	457.4	461.6	461.2	450.8
57.5°	3922.8	1348.2	636.6	616.3	543.2	401.8	431.0	452.7	455.5	451.3	431.9
60°	3663.0	992.6	603.1	588.5	539.5	397.5	407.9	442.3	446.6	440.9	409.3
62.5°	3227.3	688.9	577.2	527.2	522.9	396.1	371.6	419.7	430.1	422.0	375.8
65°	*2540.7*	*486.6*	*497.0*	*462.1*	*487.1*	*388.6*	*333.9*	*392.3*	*406.5*	*394.2*	*329.1*
67.5°	1719.3	351.3	402.7	418.7	429.1	371.6	306.5	361.2	380.1	364.0	274.9
70°	928.5	246.6	266.0	352.7	364.5	342.3	282.0	329.6	351.3	333.9	224.0
72.5°	548.4	177.3	186.3	283.4	303.7	301.3	254.6	292.8	319.2	298.5	182.0
75°	302.3	119.8	133.0	205.6	246.6	232.5	218.8	248.0	274.9	254.6	140.5
77.5°	135.3	71.7	92.4	134.9	193.8	159.4	169.3	193.3	218.3	197.1	93.8
80°	52.3	40.1	61.3	73.6	141.0	88.2	108.9	142.4	160.3	143.4	57.1
82.5°	6.6	17.9	26.4	28.8	82.0	46.7	63.2	89.6	88.2	76.4	28.8
85°	0.0	3.3	3.8	1.9	35.4	17.0	20.7	29.2	27.3	20.7	2.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	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°	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8
2.5°	825.7	808.7	800.2	793.1	799.7	803.5	803.5	819.6	829.0	832.8	859.2
5°	727.6	696.0	674.8	662.1	666.3	671.0	676.2	696.5	710.2	719.1	760.1
7.5°	650.3	602.2	572.5	556.9	559.3	562.6	566.8	586.6	600.3	612.1	657.8
10°	612.1	544.2	505.0	486.2	482.9	481.0	479.6	491.4	501.7	511.2	556.4
12.5°	614.0	519.2	471.5	448.4	438.5	427.2	418.3	420.2	426.8	438.5	467.3
15°	638.0	511.2	454.1	425.3	408.8	395.6	384.8	382.4	384.8	386.7	404.6
17.5°	670.5	510.2	439.0	403.2	386.2	375.4	365.5	362.1	362.6	365.0	369.7
20°	696.5	507.4	422.0	382.0	366.9	357.4	347.5	344.2	345.2	345.6	350.8
22.5°	710.2	503.1	403.2	360.7	348.0	338.6	329.6	329.1	329.1	332.0	335.7
25°	710.2	494.2	386.2	340.5	329.1	320.7	309.8	311.7	312.6	316.4	322.1
27.5°	693.2	477.2	372.5	323.0	311.2	302.7	292.8	295.2	296.6	300.8	307.9
30°	671.5	456.9	357.0	306.5	292.8	286.7	278.2	279.2	281.0	285.8	293.8
32.5°	648.4	432.9	344.2	290.0	276.3	271.6	262.2	263.6	265.5	270.7	279.6
35°	622.9	404.6	329.1	274.9	261.2	257.5	246.6	247.6	250.4	256.1	265.0
37.5°	596.0	381.5	314.1	260.3	246.1	242.4	231.1	232.0	235.3	241.9	250.4
40°	569.6	358.8	298.0	244.7	230.6	227.3	215.0	216.0	219.7	226.8	235.8
42.5°	540.9	341.4	277.3	228.7	213.6	210.3	199.0	200.4	204.7	211.7	220.7
45°	506.4	330.1	254.2	213.6	196.6	193.3	183.0	185.8	190.5	197.6	207.0
47.5°	471.1	325.4	234.8	197.6	179.2	176.4	167.9	172.6	177.8	183.4	193.8
50°	437.1	319.2	215.0	182.5	164.1	161.3	155.6	161.7	166.9	172.1	182.0
52.5°	398.5	306.0	197.1	169.3	151.4	150.4	147.6	153.3	158.0	162.7	171.2
55°	358.4	284.8	181.5	157.5	140.5	141.5	140.1	144.8	148.5	152.8	160.3
57.5°	323.5	257.9	169.3	144.8	131.1	133.9	132.0	134.4	136.7	141.9	148.1
60°	288.1	225.9	155.6	129.7	121.7	125.0	119.8	119.3	120.2	121.7	133.0
62.5°	240.5	192.4	138.6	116.5	111.3	112.7	102.8	95.3	95.3	96.7	113.6
65°	*193.3*	*161.3*	*119.8*	*101.4*	*97.1*	*96.2*	*82.0*	*71.7*	*70.7*	*75.0*	*89.6*
67.5°	158.9	133.9	100.9	84.4	81.6	82.5	72.1	61.8	60.8	65.5	76.4
70°	131.6	108.0	80.6	65.1	67.9	72.1	61.8	51.9	50.5	54.7	65.1
72.5°	104.7	84.4	61.8	48.1	56.1	61.3	50.5	41.0	40.1	43.9	53.8
75°	76.9	60.4	42.0	34.9	43.4	48.1	36.8	29.2	27.8	31.1	41.0
77.5°	47.6	34.0	26.4	20.7	29.7	32.1	19.3	17.0	16.5	18.9	25.9
80°	22.2	14.6	12.7	7.1	10.8	12.7	8.0	9.0	9.4	11.3	16.0
82.5°	6.1	2.4	0.5	0.0	0.0	3.8	1.9	3.8	4.7	7.1	10.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.4	4.2	7.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8
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: P1202630
CATALOG NUMBER: GWC-SB2A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	947.8	947.8	947.8	947.8	947.8	947.8	947.8	947.8
2.5°	879.0	897.8	928.0	959.1	989.8	1020.9	1051.1	1061.9
5°	797.4	840.8	900.7	964.8	1030.8	1097.8	1159.1	1186.9
7.5°	706.4	768.6	858.7	959.1	1064.3	1169.4	1266.1	1310.9
10°	609.2	688.0	790.8	926.6	1077.5	1222.7	1355.7	1413.7
12.5°	516.8	599.3	713.0	875.7	1067.1	1253.4	1413.2	1481.6
15°	439.5	512.6	635.2	815.3	1033.6	1255.3	1440.6	1515.6
17.5°	381.5	429.1	556.0	748.3	989.8	1237.8	1450.0	1530.2
20°	352.7	365.9	453.2	662.5	948.8	1221.3	1459.4	1543.9
22.5°	335.7	339.0	370.6	551.7	899.7	1216.1	1475.9	1562.7
25°	322.1	323.0	331.5	437.1	824.7	1212.8	1501.4	1588.6
27.5°	308.4	308.4	313.1	352.2	722.9	1198.7	1534.4	1619.8
30°	294.7	294.7	298.0	311.7	603.6	1170.9	1574.0	1660.3
32.5°	280.6	280.6	283.4	293.3	481.9	1136.0	1610.3	1701.3
35°	266.4	265.5	269.3	279.6	383.4	1091.6	1646.6	1745.7
37.5°	251.3	250.9	254.6	266.4	331.0	1040.2	1674.0	1806.0
40°	235.3	235.3	239.5	252.3	315.9	975.6	1717.4	1892.8
42.5°	220.7	219.7	224.5	240.0	304.6	913.9	1795.2	2019.2
45°	206.5	204.7	208.9	228.2	284.8	892.2	1940.4	2205.9
47.5°	193.3	188.6	192.4	214.1	266.9	973.3	2178.1	2464.8
50°	182.5	173.5	176.8	199.9	253.2	1149.2	2486.5	2808.5
52.5°	171.2	159.4	161.3	182.5	241.0	1316.6	2820.8	3262.2
55°	159.4	146.2	147.1	165.0	223.5	1341.6	3147.1	3880.8
57.5°	146.2	133.9	133.9	149.0	210.8	1162.8	3398.0	4648.5
60°	131.6	123.5	121.2	136.3	222.1	820.5	3427.2	5143.7
62.5°	115.5	111.3	108.0	124.0	230.6	486.2	3191.9	5023.9
65°	*97.1*	*96.2*	*93.8*	*136.3*	*194.3*	*287.2*	*2740.2*	*4656.5*
67.5°	81.6	80.2	80.2	142.9	147.6	180.6	2140.8	4151.0
70°	70.3	65.1	65.1	108.0	89.6	125.0	1494.8	3605.5
72.5°	58.9	53.3	49.5	86.3	67.0	91.5	934.1	3087.7
75°	47.2	42.9	38.2	57.1	50.0	69.3	542.8	2558.2
77.5°	34.0	32.1	26.9	42.0	36.3	50.0	323.0	1973.9
80°	17.4	17.9	17.0	24.0	24.5	34.0	183.9	1351.0
82.5°	10.4	8.0	9.0	11.8	14.1	19.3	69.3	794.1
85°	6.6	4.2	4.2	5.7	7.1	7.5	21.2	322.1
87.5°	3.3	1.4	1.9	2.8	2.4	1.9	0.9	81.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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(END OF REPORT)