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-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P955886

Luminaire Tested: **GALN-SB8C-950-U-SLL**

Issue Date: 1/21/2025

Report Generated By 670246001

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Test Information

Test Method:	LM-79-08
Report Number:	P955886
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SB8C-950-U-SLL
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(8) 90 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	41976 lumens
Efficiency:	N/A
Efficacy:	105.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

Input Watts (W):	399.8
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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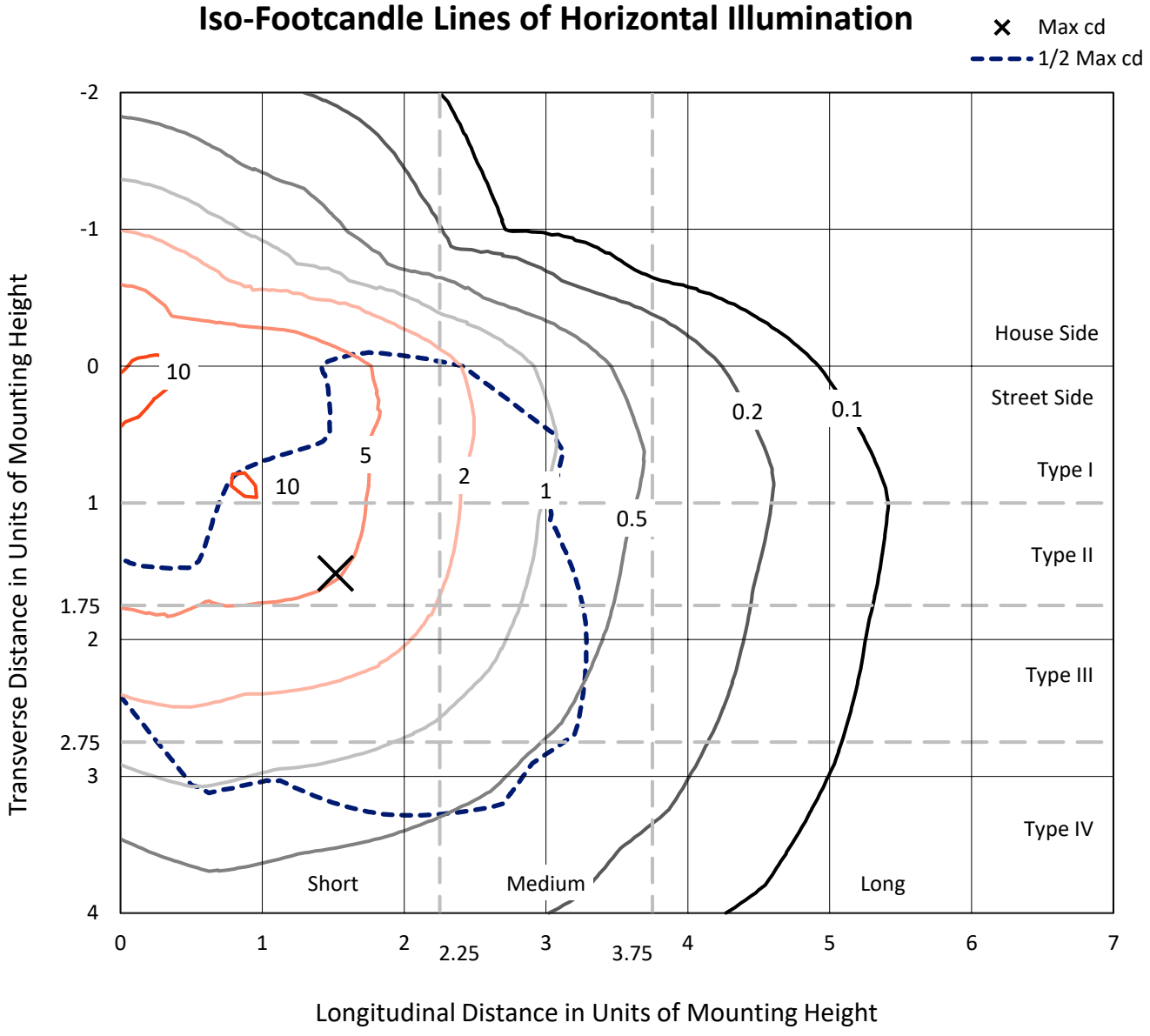
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.8 fc
Type IV - Short - N/A

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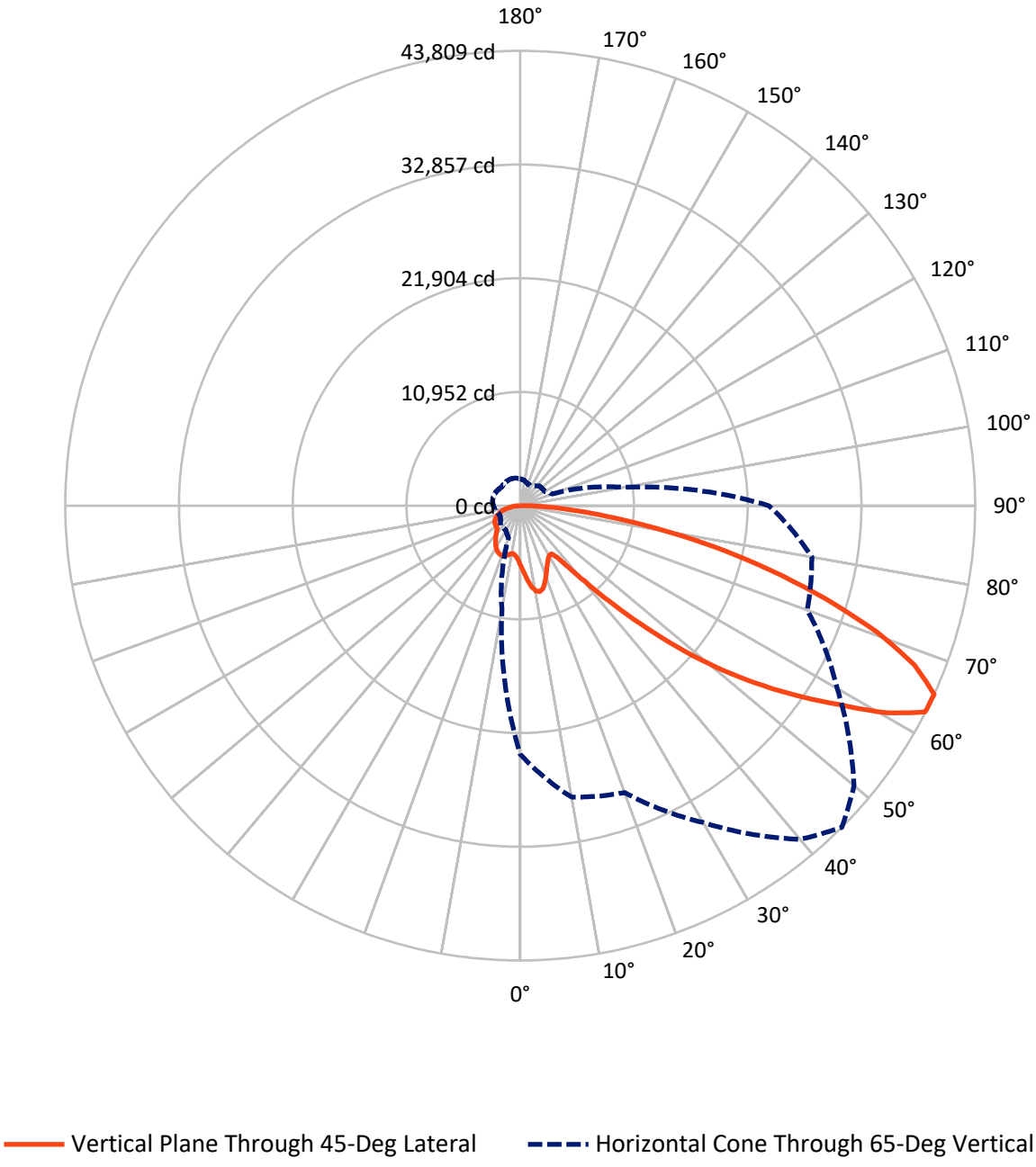
Luminous Intensity Polar Plot



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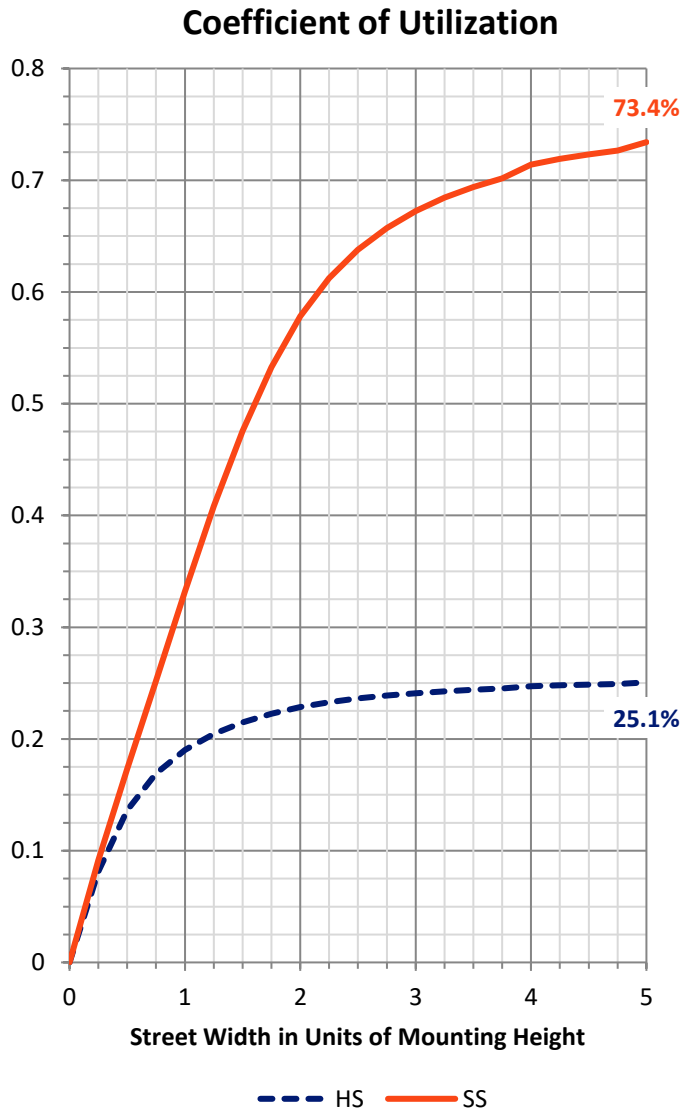
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10668.2	0.0	10668.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31307.8	0.0	31307.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	41976.0	0.0	41976.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	572.6	1.4
10°-20°	1797.5	4.3
20°-30°	2776.5	6.6
30°-40°	3518.5	8.4
40°-50°	5306.7	12.6
50°-60°	8573.8	20.4
60°-70°	10688.6	25.5
70°-80°	7009.1	16.7
80°-90°	1732.8	4.1
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°	41976.0	100.0
0°-180°	41976.0	100.0



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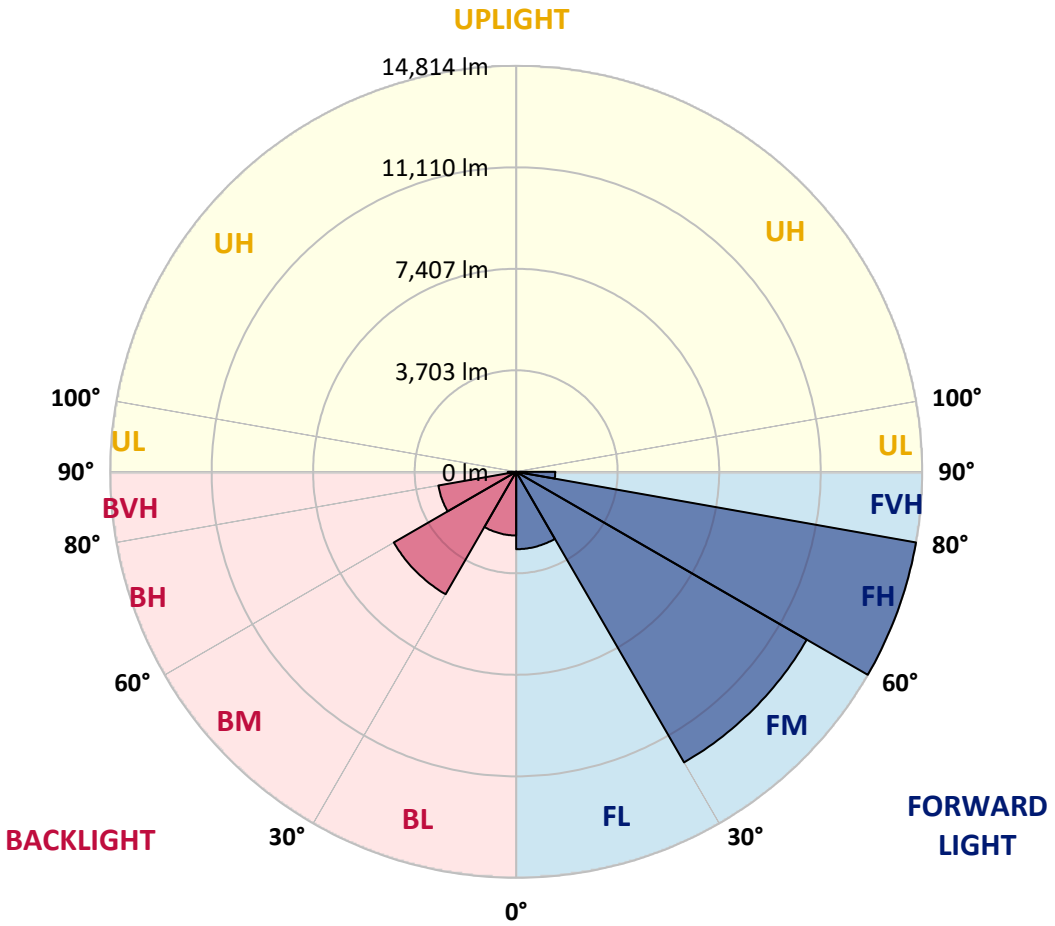
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2823.4	6.7			
FM	(30°-60°)	12243.5	29.2			
FH	(60°-80°)	14813.5	35.3			G5
FVH	(80°-90°)	1427.5	3.4			G5
BL	(0°-30°)	2323.1	5.5	B3/2500		
BM	(30°-60°)	5155.5	12.3	B4/8500		
BH	(60°-80°)	2884.2	6.9	B4/5000		G4/5000
BVH	(80°-90°)	305.4	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	*5772.1*
2.5°	6207.3	6230.8	6254.5	6287.9	6321.4	6341.3	6361.2	6371.2	6381.2	*6376.7*
5°	6674.6	6756.8	6839.2	6920.7	7002.4	7046.7	7091.0	7117.8	7144.9	*7165.2*
7.5°	7144.2	7278.0	7411.5	7531.8	7652.1	7724.5	7796.9	7836.1	7875.1	*7893.9*
10°	7504.1	7662.3	7820.4	7961.5	8102.6	8188.1	8273.1	8311.2	8349.1	*8363.5*
12.5°	7724.5	7895.9	8067.2	8194.7	8321.9	8383.9	8445.9	8466.7	8487.5	*8489.8*
15°	7858.5	8006.5	8154.2	8234.2	8314.3	8316.6	8318.8	8296.6	8274.5	*8248.3*
17.5°	7933.8	8033.7	8133.6	8135.2	8136.5	8046.8	7957.1	7874.9	7792.5	*7734.5*
20°	8016.9	8051.6	8086.6	7981.4	7876.2	7678.2	7480.2	7336.0	7191.8	*7103.2*
22.5°	8113.2	8067.6	8022.0	7804.0	7586.1	7294.8	7003.6	6823.3	6643.0	*6545.1*
25°	8237.3	8093.3	7949.3	7618.4	7287.5	6933.8	6580.1	6390.5	6201.3	*6108.7*
27.5°	8405.6	8148.2	7890.6	7452.3	7014.2	6622.1	6230.1	6043.6	5857.3	*5769.8*
30°	8632.6	8248.8	7865.2	7325.6	6786.0	6377.6	5969.2	5796.2	5623.2	*5541.7*
32.5°	8900.6	8375.0	7849.6	7239.2	6628.8	6244.9	5861.1	5725.3	5589.3	*5530.6*
35°	9226.2	8583.0	7940.0	7303.9	6668.0	6401.3	6134.9	6103.2	6071.5	*6066.6*
37.5°	9774.4	9017.8	8261.2	7683.1	7105.0	7087.7	7070.4	7215.3	7360.2	*7435.5*
40°	10602.8	9779.9	8957.1	8527.2	8097.3	8400.7	8704.2	9056.3	9408.5	*9583.9*
42.5°	11701.4	10885.0	10068.5	9820.9	9573.3	10235.1	10896.9	11537.5	12178.0	*12554.1*
45°	13058.0	12324.7	11591.1	11481.9	11372.5	12432.7	13493.2	14545.8	15598.5	*16237.5*
47.5°	14754.6	14041.2	13327.6	13305.4	13283.3	14812.9	16342.1	17883.0	19423.7	*20328.5*
50°	16978.4	16097.1	15216.0	15219.8	15223.5	17194.8	19166.1	21200.0	23234.0	*24463.7*
52.5°	19531.1	18464.0	17397.0	17289.2	17181.1	19535.7	21890.4	24407.0	26923.4	*28397.4*
55°	22248.8	21194.5	20140.2	19719.6	19299.0	21919.7	24540.1	27540.2	30540.3	*32293.4*
57.5°	24720.6	24146.5	23572.2	22728.5	21885.1	24531.3	27177.4	30575.5	33973.4	*36147.4*
60°	26214.6	27106.3	27998.3	26950.6	25903.0	28407.1	30911.3	34549.5	38187.7	*40537.3*
62.5°	25456.0	27892.6	30329.2	30211.2	30092.9	32386.9	34681.1	38142.6	41603.8	*43775.5*
65°	*23937.7*	*26224.6*	*28511.5*	*28964.0*	*29416.3*	*32331.5*	*35247.0*	*38603.5*	*41959.7*	*43808.8*
67.5°	21903.3	24078.3	26253.4	26465.5	26677.5	29715.0	32752.4	36123.2	39494.1	*40942.7*
70°	19459.1	21824.9	24190.8	24285.6	24380.6	27097.0	29813.2	32714.0	35614.7	*36419.8*
72.5°	16546.5	19261.3	21976.4	22044.6	22112.6	24237.8	26363.0	28535.6	30708.0	*30789.5*
75°	12862.0	15671.8	18481.7	18733.9	18986.2	20639.7	22293.1	23822.5	25351.9	*24942.1*
77.5°	9189.7	11812.6	14435.7	14796.7	15157.8	16414.7	17671.7	18756.3	19841.2	*19136.8*
80°	6014.6	8221.3	10427.8	10876.5	11325.3	12274.6	13223.5	13793.1	14362.6	*13229.7*
82.5°	3496.2	5004.8	6513.6	7014.8	7516.3	8169.7	8823.1	9060.8	9298.2	*8407.8*
85°	1538.3	2338.9	3139.6	3566.0	3992.4	4529.3	5065.9	5200.8	5335.7	*4622.5*
87.5°	476.2	745.3	1014.4	1252.3	1490.2	1758.6	2027.1	2038.6	2049.9	*1721.0*
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
6381.2	2.5°	6371.2	6361.2	6341.3	6321.4	6287.9	6254.5	6230.8	6207.3	6159.7	6112.1
7144.9	5°	7117.8	7091.0	7046.7	7002.4	6920.7	6839.2	6756.8	6674.6	6569.4	6464.2
7875.1	7.5°	7836.1	7796.9	7724.5	7652.1	7531.8	7411.5	7278.0	7144.2	6970.6	6797.1
8349.1	10°	8311.2	8273.1	8188.1	8102.6	7961.5	7820.4	7662.3	7504.1	7284.6	7065.1
8487.5	12.5°	8466.7	8445.9	8383.9	8321.9	8194.7	8067.2	7895.9	7724.5	7483.3	7242.3
8274.5	15°	8296.6	8318.8	8316.6	8314.3	8234.2	8154.2	8006.5	7858.5	7607.1	7355.7
7792.5	17.5°	7874.9	7957.1	8046.8	8136.5	8135.2	8133.6	8033.7	7933.8	7678.9	7423.9
7191.8	20°	7336.0	7480.2	7678.2	7876.2	7981.4	8086.6	8051.6	8016.9	7752.0	7486.8
6643.0	22.5°	6823.3	7003.6	7294.8	7586.1	7804.0	8022.0	8067.6	8113.2	7842.6	7571.7
6201.3	25°	6390.5	6580.1	6933.8	7287.5	7618.4	7949.3	8093.3	8237.3	7971.9	7706.8
5857.3	27.5°	6043.6	6230.1	6622.1	7014.2	7452.3	7890.6	8148.2	8405.6	8152.6	7899.5
5623.2	30°	5796.2	5969.2	6377.6	6786.0	7325.6	7865.2	8248.8	8632.6	8388.1	8143.8
5589.3	32.5°	5725.3	5861.1	6244.9	6628.8	7239.2	7849.6	8375.0	8900.6	8658.5	8416.7
6071.5	35°	6103.2	6134.9	6401.3	6668.0	7303.9	7940.0	8583.0	9226.2	8994.5	8762.6
7360.2	37.5°	7215.3	7070.4	7087.7	7105.0	7683.1	8261.2	9017.8	9774.4	9478.9	9183.5
9408.5	40°	9056.3	8704.2	8400.7	8097.3	8527.2	8957.1	9779.9	10602.8	10172.2	9741.6
12178.0	42.5°	11537.5	10896.9	10235.1	9573.3	9820.9	10068.5	10885.0	11701.4	11079.9	10458.4
15598.5	45°	14545.8	13493.2	12432.7	11372.5	11481.9	11591.1	12324.7	13058.0	12219.7	11381.3
19423.7	47.5°	17883.0	16342.1	14812.9	13283.3	13305.4	13327.6	14041.2	14754.6	13574.8	12394.6
23234.0	50°	21200.0	19166.1	17194.8	15223.5	15219.8	15216.0	16097.1	16978.4	15199.6	13420.6
26923.4	52.5°	24407.0	21890.4	19535.7	17181.1	17289.2	17397.0	18464.0	19531.1	16906.4	14281.8
30540.3	55°	27540.2	24540.1	21919.7	19299.0	19719.6	20140.2	21194.5	22248.8	18419.7	14590.7
33973.4	57.5°	30575.5	27177.4	24531.3	21885.1	22728.5	23572.2	24146.5	24720.6	19492.1	14263.6
38187.7	60°	34549.5	30911.3	28407.1	25903.0	26950.6	27998.3	27106.3	26214.6	19760.1	13305.4
41603.8	62.5°	38142.6	34681.1	32386.9	30092.9	30211.2	30329.2	27892.6	25456.0	18631.6	11807.3
41959.7	65°	*38603.5*	*35247.0*	*32331.5*	*29416.3*	*28964.0*	*28511.5*	*26224.6*	*23937.7*	*17034.9*	*10132.1*
39494.1	67.5°	36123.2	32752.4	29715.0	26677.5	26465.5	26253.4	24078.3	21903.3	15134.7	8366.2
35614.7	70°	32714.0	29813.2	27097.0	24380.6	24285.6	24190.8	21824.9	19459.1	13061.3	6663.6
30708.0	72.5°	28535.6	26363.0	24237.8	22112.6	22044.6	21976.4	19261.3	16546.5	10813.6	5081.0
25351.9	75°	23822.5	22293.1	20639.7	18986.2	18733.9	18481.7	15671.8	12862.0	8237.0	3612.1
19841.2	77.5°	18756.3	17671.7	16414.7	15157.8	14796.7	14435.7	11812.6	9189.7	5765.2	2340.7
14362.6	80°	13793.1	13223.5	12274.6	11325.3	10876.5	10427.8	8221.3	6014.6	3714.4	1414.2
9298.2	82.5°	9060.8	8823.1	8169.7	7516.3	7014.8	6513.6	5004.8	3496.2	2149.8	803.6
5335.7	85°	5200.8	5065.9	4529.3	3992.4	3566.0	3139.6	2338.9	1538.3	967.0	396.0
2049.9	87.5°	2038.6	2027.1	1758.6	1490.2	1252.3	1014.4	745.3	476.2	316.7	157.3
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
6061.3	2.5°	6010.8	5959.9	5908.9	5860.2	5811.5	5764.3	5711.8	5669.3	5627.0	5588.7
6359.2	5°	6254.5	6148.8	6043.4	5944.8	5846.3	5753.2	5661.3	5581.1	5500.7	5433.4
6636.8	7.5°	6476.4	6320.3	6164.1	6026.6	5889.0	5762.1	5643.2	5536.4	5429.9	5341.3
6853.2	10°	6641.4	6451.8	6262.0	6099.4	5936.4	5779.8	5652.0	5539.5	5427.0	5338.4
7002.2	12.5°	6762.1	6538.4	6314.7	6130.7	5946.6	5782.0	5663.1	5570.9	5479.3	5420.3
7095.3	15°	6834.8	6577.2	6319.6	6106.5	5893.4	5711.2	5615.9	5571.8	5528.0	5536.0
7139.8	17.5°	6855.6	6556.6	6257.6	6001.3	5745.0	5530.6	5471.9	5488.1	5504.1	5600.6
7174.5	20°	6862.2	6499.9	6137.5	5819.9	5502.3	5252.7	5237.2	5312.5	5387.8	5555.4
7221.5	22.5°	6871.1	6430.3	5989.6	5607.1	5224.5	4940.4	4970.7	5082.1	5193.5	5384.9
7306.6	25°	6906.1	6361.7	5817.5	5369.4	4921.5	4630.3	4712.2	4840.7	4969.2	5141.3
7439.4	27.5°	6979.2	6315.8	5652.5	5152.1	4651.8	4386.6	4486.3	4610.3	4734.4	4875.9
7611.5	30°	7079.3	6294.3	5508.9	4970.5	4432.0	4209.4	4287.6	4386.0	4484.8	4602.1
7791.2	32.5°	7165.7	6267.8	5369.4	4813.9	4258.2	4078.8	4113.5	4171.8	4230.0	4323.7
7995.8	35°	7229.0	6217.7	5206.8	4660.0	4113.1	3963.6	3949.2	3965.1	3981.3	4052.8
8225.1	37.5°	7266.7	6132.0	4997.3	4478.8	3960.3	3829.6	3776.9	3759.1	3741.4	3792.8
8516.1	40°	7290.4	6013.9	4737.7	4262.6	3787.5	3669.0	3588.2	3548.1	3508.0	3545.0
8896.9	42.5°	7335.3	5892.1	4449.3	4024.1	3598.8	3489.6	3387.7	3334.6	3281.4	3311.5
9397.9	45°	7414.4	5778.9	4143.7	3770.7	3397.7	3286.9	3188.4	3136.5	3084.9	3110.2
9931.7	47.5°	7468.7	5685.5	3902.2	3570.2	3238.2	3095.3	3010.5	2967.1	2923.7	2947.6
10426.9	50°	7433.2	5583.6	3733.9	3437.1	3140.3	2952.5	2853.9	2815.4	2777.1	2814.3
10748.5	52.5°	7215.1	5411.5	3608.1	3349.4	3090.9	2875.0	2737.2	2699.1	2661.2	2717.3
10677.6	55°	6764.3	5126.2	3488.0	3285.8	3083.6	2882.7	2675.2	2614.9	2554.9	2634.4
10178.9	57.5°	6094.3	4724.0	3353.4	3210.5	3067.7	2890.5	2638.0	2550.3	2462.5	2548.0
9250.6	60°	5195.7	4201.7	3207.6	3095.3	2983.0	2866.1	2603.0	2489.3	2375.5	2450.6
7995.4	62.5°	4183.5	3576.6	2969.8	2895.1	2820.7	2806.3	2562.2	2420.0	2278.0	2325.7
6714.7	65°	*3297.6*	*3014.3*	*2731.0*	*2695.8*	*2660.6*	*2662.3*	*2476.3*	*2325.2*	*2173.9*	*2192.3*
5460.2	67.5°	2554.2	2473.8	2393.2	2412.9	2432.4	2427.5	2323.0	2197.2	2071.4	2065.6
4299.1	70°	1934.7	1957.8	1980.6	2071.8	2162.9	2162.9	2128.5	2039.0	1949.6	1929.6
3286.7	72.5°	1492.4	1561.7	1631.3	1760.6	1889.8	1911.5	1911.9	1850.6	1789.2	1760.0
2385.5	75°	1158.8	1221.7	1284.6	1429.5	1574.4	1674.5	1666.1	1618.9	1571.5	1543.6
1616.4	77.5°	892.2	934.9	977.9	1118.5	1259.2	1424.2	1419.8	1381.9	1344.0	1315.7
1041.5	80°	668.9	686.6	704.3	823.5	942.4	1139.6	1138.9	1107.2	1075.3	1051.6
640.6	82.5°	478.0	481.1	484.6	572.3	660.0	828.4	837.7	822.2	806.7	789.8
342.4	85°	289.0	287.5	285.7	350.0	414.2	539.3	551.5	534.9	518.3	499.5
142.0	87.5°	126.7	125.1	123.6	149.7	176.1	228.1	243.6	237.0	230.4	226.8
0.0	90°	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

REPORT NUMBER: P955886
CATALOG NUMBER: GALN-SB8C-950-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
5550.6	2.5°	5517.1	5483.7	5450.0	5416.6	5390.7	5364.5	5343.5	5322.4	5306.0	5289.7
5366.3	5°	5306.9	5247.6	5193.7	5139.7	5098.3	5056.6	5027.6	4998.6	4978.0	4957.4
5252.7	7.5°	5178.0	5103.2	5037.2	4971.4	4922.0	4872.8	4838.3	4803.7	4780.0	4756.5
5249.8	10°	5169.4	5088.8	5014.6	4940.4	4881.4	4822.3	4783.8	4744.8	4722.4	4700.0
5361.9	12.5°	5298.5	5235.6	5158.8	5082.1	5006.8	4931.5	4881.7	4831.8	4806.8	4782.0
5543.9	15°	5527.5	5511.1	5444.5	5377.8	5270.6	5163.4	5087.7	5011.9	4977.1	4942.6
5697.2	17.5°	5748.6	5799.7	5745.9	5692.3	5550.3	5408.4	5296.7	5185.1	5133.7	5082.1
5723.3	20°	5830.8	5938.2	5913.4	5888.3	5726.0	5563.9	5427.0	5290.3	5224.5	5158.5
5576.7	22.5°	5716.5	5856.2	5871.3	5886.1	5731.1	5576.0	5435.2	5294.1	5224.8	5155.2
5313.6	25°	5451.1	5588.7	5640.1	5691.2	5564.1	5437.2	5311.8	5186.9	5126.6	5066.6
5017.2	27.5°	5127.5	5237.8	5295.0	5352.3	5261.7	5171.4	5074.1	4976.9	4936.6	4896.1
4719.5	30°	4811.0	4902.7	4949.2	4995.7	4926.9	4857.7	4788.2	4718.2	4697.6	4676.8
4417.6	32.5°	4505.4	4593.3	4644.9	4696.7	4633.4	4569.8	4514.2	4458.6	4445.1	4431.6
4124.2	35°	4211.0	4298.0	4360.1	4422.1	4376.9	4331.9	4280.5	4229.4	4208.8	4188.4
3844.0	37.5°	3930.6	4017.4	4094.0	4170.7	4149.9	4129.0	4081.9	4034.5	3997.0	3959.8
3582.0	40°	3665.7	3749.4	3837.6	3925.9	3931.0	3935.9	3895.8	3855.7	3801.2	3747.2
3341.9	42.5°	3421.2	3500.7	3595.9	3691.2	3716.6	3742.1	3708.2	3674.5	3607.0	3539.4
3135.9	45°	3211.2	3286.5	3385.3	3484.1	3520.6	3557.1	3526.6	3496.2	3418.9	3341.9
2971.3	47.5°	3045.1	3118.6	3216.1	3313.5	3355.6	3397.7	3376.4	3355.1	3286.5	3217.8
2851.7	50°	2921.2	2990.6	3077.8	3165.1	3219.2	3273.2	3271.9	3271.0	3216.1	3161.1
2773.1	52.5°	2836.9	2900.4	2981.7	3063.2	3127.2	3191.2	3202.8	3214.3	3169.5	3124.8
2713.7	55°	2782.4	2851.0	2922.4	2993.5	3061.2	3129.2	3145.2	3161.1	3122.1	3083.2
2633.5	57.5°	2714.2	2794.8	2865.2	2935.9	3004.3	3072.5	3088.7	3104.9	3065.4	3026.0
2525.4	60°	2618.0	2710.6	2782.2	2853.9	2922.6	2991.2	3009.0	3026.7	2988.1	2949.8
2373.3	62.5°	2481.1	2589.2	2665.6	2742.1	2805.0	2867.9	2884.9	2902.0	2867.2	2832.4
2210.5	65°	*2326.1*	*2441.9*	*2515.0*	*2588.1*	*2643.5*	*2698.9*	*2716.4*	*2733.6*	*2700.2*	*2666.8*
2059.9	67.5°	2166.6	2273.6	2342.9	2412.0	2459.9	2507.7	2524.8	2541.6	2510.8	2480.3
1909.7	70°	2003.6	2097.5	2157.3	2217.1	2260.3	2303.5	2319.9	2336.3	2311.3	2286.2
1731.0	72.5°	1804.9	1878.7	1932.7	1986.8	2029.1	2071.4	2090.9	2110.4	2089.5	2068.7
1515.4	75°	1570.4	1625.3	1674.3	1723.2	1761.7	1800.3	1820.7	1841.0	1830.8	1820.7
1287.3	77.5°	1332.0	1376.6	1418.7	1460.7	1501.3	1541.6	1560.6	1579.7	1565.5	1550.9
1027.7	80°	1064.9	1101.9	1137.4	1172.8	1203.6	1234.1	1259.4	1284.6	1278.4	1272.5
773.0	82.5°	769.9	766.8	754.4	742.0	807.6	873.1	916.1	959.1	956.4	953.5
480.6	85°	464.7	448.5	414.2	379.9	441.2	502.8	555.9	609.1	604.7	600.2
223.3	87.5°	222.6	221.9	195.8	169.4	195.1	221.0	242.5	264.0	258.7	252.9
0.0	90°	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

REPORT NUMBER: P955886
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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
5274.6	2.5°	5259.3	5240.5	5259.3	5274.6	5289.7	5306.0	5322.4	5343.5	5364.5	5390.7
4941.7	5°	4926.0	4910.5	4926.0	4941.7	4957.4	4978.0	4998.6	5027.6	5056.6	5098.3
4742.3	7.5°	4728.4	4717.8	4728.4	4742.3	4756.5	4780.0	4803.7	4838.3	4872.8	4922.0
4688.1	10°	4676.1	4671.3	4676.1	4688.1	4700.0	4722.4	4744.8	4783.8	4822.3	4881.4
4771.8	12.5°	4761.6	4759.8	4761.6	4771.8	4782.0	4806.8	4831.8	4881.7	4931.5	5006.8
4929.3	15°	4916.0	4914.9	4916.0	4929.3	4942.6	4977.1	5011.9	5087.7	5163.4	5270.6
5065.3	17.5°	5048.2	5045.6	5048.2	5065.3	5082.1	5133.7	5185.1	5296.7	5408.4	5550.3
5137.5	20°	5116.4	5109.8	5116.4	5137.5	5158.5	5224.5	5290.3	5427.0	5563.9	5726.0
5132.0	22.5°	5108.7	5098.7	5108.7	5132.0	5155.2	5224.8	5294.1	5435.2	5576.0	5731.1
5044.7	25°	5023.0	5010.1	5023.0	5044.7	5066.6	5126.6	5186.9	5311.8	5437.2	5564.1
4886.1	27.5°	4876.1	4872.8	4876.1	4886.1	4896.1	4936.6	4976.9	5074.1	5171.4	5261.7
4676.8	30°	4676.8	4680.1	4676.8	4676.8	4676.8	4697.6	4718.2	4788.2	4857.7	4926.9
4433.4	32.5°	4435.4	4438.7	4435.4	4433.4	4431.6	4445.1	4458.6	4514.2	4569.8	4633.4
4184.0	35°	4179.5	4177.3	4179.5	4184.0	4188.4	4208.8	4229.4	4280.5	4331.9	4376.9
3940.1	37.5°	3920.4	3909.3	3920.4	3940.1	3959.8	3997.0	4034.5	4081.9	4129.0	4149.9
3710.4	40°	3674.1	3652.4	3674.1	3710.4	3747.2	3801.2	3855.7	3895.8	3935.9	3931.0
3486.1	42.5°	3432.7	3397.7	3432.7	3486.1	3539.4	3607.0	3674.5	3708.2	3742.1	3716.6
3279.2	45°	3216.5	3176.2	3216.5	3279.2	3341.9	3418.9	3496.2	3526.6	3557.1	3520.6
3159.8	47.5°	3102.0	3063.2	3102.0	3159.8	3217.8	3286.5	3355.1	3376.4	3397.7	3355.6
3107.5	50°	3053.9	3016.7	3053.9	3107.5	3161.1	3216.1	3271.0	3271.9	3273.2	3219.2
3076.7	52.5°	3028.9	2994.6	3028.9	3076.7	3124.8	3169.5	3214.3	3202.8	3191.2	3127.2
3041.1	55°	2999.0	2968.0	2999.0	3041.1	3083.2	3122.1	3161.1	3145.2	3129.2	3061.2
2984.4	57.5°	2942.5	2910.4	2942.5	2984.4	3026.0	3065.4	3104.9	3088.7	3072.5	3004.3
2906.9	60°	2863.9	2830.7	2863.9	2906.9	2949.8	2988.1	3026.7	3009.0	2991.2	2922.6
2787.2	62.5°	2742.1	2702.2	2742.1	2787.2	2832.4	2867.2	2902.0	2884.9	2867.9	2805.0
2622.9	65°	*2579.3*	*2544.9*	*2579.3*	*2622.9*	*2666.8*	*2700.2*	*2733.6*	*2716.4*	*2698.9*	*2643.5*
2439.5	67.5°	2398.8	2367.7	2398.8	2439.5	2480.3	2510.8	2541.6	2524.8	2507.7	2459.9
2247.3	70°	2208.3	2172.8	2208.3	2247.3	2286.2	2311.3	2336.3	2319.9	2303.5	2260.3
2031.5	72.5°	1994.5	1960.2	1994.5	2031.5	2068.7	2089.5	2110.4	2090.9	2071.4	2029.1
1789.4	75°	1758.2	1725.4	1758.2	1789.4	1820.7	1830.8	1841.0	1820.7	1800.3	1761.7
1519.4	77.5°	1488.0	1461.8	1488.0	1519.4	1550.9	1565.5	1579.7	1560.6	1541.6	1501.3
1230.2	80°	1187.6	1138.5	1187.6	1230.2	1272.5	1278.4	1284.6	1259.4	1234.1	1203.6
917.9	82.5°	882.0	850.5	882.0	917.9	953.5	956.4	959.1	916.1	873.1	807.6
572.3	85°	544.4	516.1	544.4	572.3	600.2	604.7	609.1	555.9	502.8	441.2
238.8	87.5°	224.1	210.4	224.1	238.8	252.9	258.7	264.0	242.5	221.0	195.1
0.0	90°	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
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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
5416.6	2.5°	5450.0	5483.7	5517.1	5550.6	5588.7	5627.0	5669.3	5711.8	5764.3	5811.5
5139.7	5°	5193.7	5247.6	5306.9	5366.3	5433.4	5500.7	5581.1	5661.3	5753.2	5846.3
4971.4	7.5°	5037.2	5103.2	5178.0	5252.7	5341.3	5429.9	5536.4	5643.2	5762.1	5889.0
4940.4	10°	5014.6	5088.8	5169.4	5249.8	5338.4	5427.0	5539.5	5652.0	5779.8	5936.4
5082.1	12.5°	5158.8	5235.6	5298.5	5361.9	5420.3	5479.3	5570.9	5663.1	5782.0	5946.6
5377.8	15°	5444.5	5511.1	5527.5	5543.9	5536.0	5528.0	5571.8	5615.9	5711.2	5893.4
5692.3	17.5°	5745.9	5799.7	5748.6	5697.2	5600.6	5504.1	5488.1	5471.9	5530.6	5745.0
5888.3	20°	5913.4	5938.2	5830.8	5723.3	5555.4	5387.8	5312.5	5237.2	5252.7	5502.3
5886.1	22.5°	5871.3	5856.2	5716.5	5576.7	5384.9	5193.5	5082.1	4970.7	4940.4	5224.5
5691.2	25°	5640.1	5588.7	5451.1	5313.6	5141.3	4969.2	4840.7	4712.2	4630.3	4921.5
5352.3	27.5°	5295.0	5237.8	5127.5	5017.2	4875.9	4734.4	4610.3	4486.3	4386.6	4651.8
4995.7	30°	4949.2	4902.7	4811.0	4719.5	4602.1	4484.8	4386.0	4287.6	4209.4	4432.0
4696.7	32.5°	4644.9	4593.3	4505.4	4417.6	4323.7	4230.0	4171.8	4113.5	4078.8	4258.2
4422.1	35°	4360.1	4298.0	4211.0	4124.2	4052.8	3981.3	3965.1	3949.2	3963.6	4113.1
4170.7	37.5°	4094.0	4017.4	3930.6	3844.0	3792.8	3741.4	3759.1	3776.9	3829.6	3960.3
3925.9	40°	3837.6	3749.4	3665.7	3582.0	3545.0	3508.0	3548.1	3588.2	3669.0	3787.5
3691.2	42.5°	3595.9	3500.7	3421.2	3341.9	3311.5	3281.4	3334.6	3387.7	3489.6	3598.8
3484.1	45°	3385.3	3286.5	3211.2	3135.9	3110.2	3084.9	3136.5	3188.4	3286.9	3397.7
3313.5	47.5°	3216.1	3118.6	3045.1	2971.3	2947.6	2923.7	2967.1	3010.5	3095.3	3238.2
3165.1	50°	3077.8	2990.6	2921.2	2851.7	2814.3	2777.1	2815.4	2853.9	2952.5	3140.3
3063.2	52.5°	2981.7	2900.4	2836.9	2773.1	2717.3	2661.2	2699.1	2737.2	2875.0	3090.9
2993.5	55°	2922.4	2851.0	2782.4	2713.7	2634.4	2554.9	2614.9	2675.2	2882.7	3083.6
2935.9	57.5°	2865.2	2794.8	2714.2	2633.5	2548.0	2462.5	2550.3	2638.0	2890.5	3067.7
2853.9	60°	2782.2	2710.6	2618.0	2525.4	2450.6	2375.5	2489.3	2603.0	2866.1	2983.0
2742.1	62.5°	2665.6	2589.2	2481.1	2373.3	2325.7	2278.0	2420.0	2562.2	2806.3	2820.7
2588.1	65°	*2515.0*	*2441.9*	*2326.1*	*2210.5*	*2192.3*	*2173.9*	*2325.2*	*2476.3*	*2662.3*	*2660.6*
2412.0	67.5°	2342.9	2273.6	2166.6	2059.9	2065.6	2071.4	2197.2	2323.0	2427.5	2432.4
2217.1	70°	2157.3	2097.5	2003.6	1909.7	1929.6	1949.6	2039.0	2128.5	2162.9	2162.9
1986.8	72.5°	1932.7	1878.7	1804.9	1731.0	1760.0	1789.2	1850.6	1911.9	1911.5	1889.8
1723.2	75°	1674.3	1625.3	1570.4	1515.4	1543.6	1571.5	1618.9	1666.1	1674.5	1574.4
1460.7	77.5°	1418.7	1376.6	1332.0	1287.3	1315.7	1344.0	1381.9	1419.8	1424.2	1259.2
1172.8	80°	1137.4	1101.9	1064.9	1027.7	1051.6	1075.3	1107.2	1138.9	1139.6	942.4
742.0	82.5°	754.4	766.8	769.9	773.0	789.8	806.7	822.2	837.7	828.4	660.0
379.9	85°	414.2	448.5	464.7	480.6	499.5	518.3	534.9	551.5	539.3	414.2
169.4	87.5°	195.8	221.9	222.6	223.3	226.8	230.4	237.0	243.6	228.1	176.1
0.0	90°	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
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Peachtree City, GA 30269

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
5772.1	0°	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1	5772.1
5860.2	2.5°	5908.9	5959.9	6010.8	6061.3	6112.1	6159.7	6207.3
5944.8	5°	6043.4	6148.8	6254.5	6359.2	6464.2	6569.4	6674.6
6026.6	7.5°	6164.1	6320.3	6476.4	6636.8	6797.1	6970.6	7144.2
6099.4	10°	6262.0	6451.8	6641.4	6853.2	7065.1	7284.6	7504.1
6130.7	12.5°	6314.7	6538.4	6762.1	7002.2	7242.3	7483.3	7724.5
6106.5	15°	6319.6	6577.2	6834.8	7095.3	7355.7	7607.1	7858.5
6001.3	17.5°	6257.6	6556.6	6855.6	7139.8	7423.9	7678.9	7933.8
5819.9	20°	6137.5	6499.9	6862.2	7174.5	7486.8	7752.0	8016.9
5607.1	22.5°	5989.6	6430.3	6871.1	7221.5	7571.7	7842.6	8113.2
5369.4	25°	5817.5	6361.7	6906.1	7306.6	7706.8	7971.9	8237.3
5152.1	27.5°	5652.5	6315.8	6979.2	7439.4	7899.5	8152.6	8405.6
4970.5	30°	5508.9	6294.3	7079.3	7611.5	8143.8	8388.1	8632.6
4813.9	32.5°	5369.4	6267.8	7165.7	7791.2	8416.7	8658.5	8900.6
4660.0	35°	5206.8	6217.7	7229.0	7995.8	8762.6	8994.5	9226.2
4478.8	37.5°	4997.3	6132.0	7266.7	8225.1	9183.5	9478.9	9774.4
4262.6	40°	4737.7	6013.9	7290.4	8516.1	9741.6	10172.2	10602.8
4024.1	42.5°	4449.3	5892.1	7335.3	8896.9	10458.4	11079.9	11701.4
3770.7	45°	4143.7	5778.9	7414.4	9397.9	11381.3	12219.7	13058.0
3570.2	47.5°	3902.2	5685.5	7468.7	9931.7	12394.6	13574.8	14754.6
3437.1	50°	3733.9	5583.6	7433.2	10426.9	13420.6	15199.6	16978.4
3349.4	52.5°	3608.1	5411.5	7215.1	10748.5	14281.8	16906.4	19531.1
3285.8	55°	3488.0	5126.2	6764.3	10677.6	14590.7	18419.7	22248.8
3210.5	57.5°	3353.4	4724.0	6094.3	10178.9	14263.6	19492.1	24720.6
3095.3	60°	3207.6	4201.7	5195.7	9250.6	13305.4	19760.1	26214.6
2895.1	62.5°	2969.8	3576.6	4183.5	7995.4	11807.3	18631.6	25456.0
2695.8	65°	*2731.0*	*3014.3*	*3297.6*	*6714.7*	*10132.1*	*17034.9*	*23937.7*
2412.9	67.5°	2393.2	2473.8	2554.2	5460.2	8366.2	15134.7	21903.3
2071.8	70°	1980.6	1957.8	1934.7	4299.1	6663.6	13061.3	19459.1
1760.6	72.5°	1631.3	1561.7	1492.4	3286.7	5081.0	10813.6	16546.5
1429.5	75°	1284.6	1221.7	1158.8	2385.5	3612.1	8237.0	12862.0
1118.5	77.5°	977.9	934.9	892.2	1616.4	2340.7	5765.2	9189.7
823.5	80°	704.3	686.6	668.9	1041.5	1414.2	3714.4	6014.6
572.3	82.5°	484.6	481.1	478.0	640.6	803.6	2149.8	3496.2
350.0	85°	285.7	287.5	289.0	342.4	396.0	967.0	1538.3
149.7	87.5°	123.6	125.1	126.7	142.0	157.3	316.7	476.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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