

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO COMMERCIAL

Report Number: P583897

Luminaire Tested: **HCC8W15D010SL-HM80520840-81WWW**

Issue Date: 10/21/2021

**Test Information**

Test Method: LM-41-14  
Report Number: P583897  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2109-368-16)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 10/21/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO COMMERCIAL  
Catalog Number: HCC8W15D010SL-HM80520840-81WWW  
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, WHITE TRIM  
Light Source: (1) HIGH LUMEN LED 80CRI / 4000K CCT  
CYLINDER  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

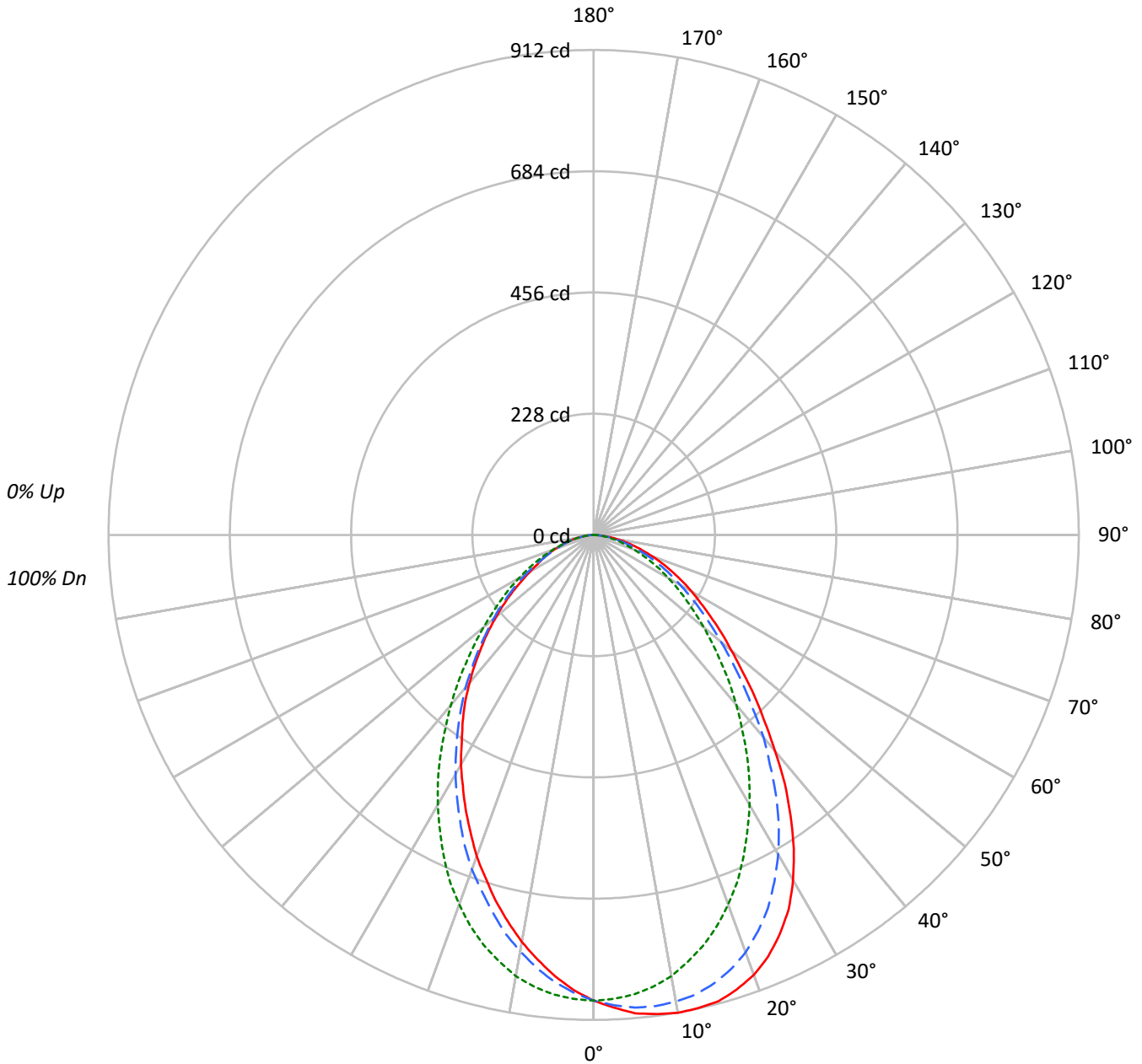
Lumens per Lamp: N/A  
Luminaire Lumens: 1616.2 lumens  
Efficiency: N/A  
Efficacy: 115.4 lumens/watt  
Spacing Criteria (0/90/45): 1.09 / 1.04 / 1.13  
Luminous Opening: Circular (Dia: 0.67' x H: 0')  
CIE Type: Direct

Input Watts (W): 14  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: 25 FT



TEST NUMBER: P583897  
CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

### Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab  
 1121 Highway 74 South  
 Peachtree City, GA 30269



TEST NUMBER: P583897

CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100								
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87								
2	102	95	89	84	99	93	88	83	90	85	81	86	83	79	83	80	78	76								
3	94	85	78	72	92	83	77	71	81	75	70	78	73	69	75	71	68	66								
4	87	76	69	63	85	75	68	62	73	67	62	71	65	61	68	64	60	58								
5	81	69	61	55	79	68	61	55	66	60	54	64	59	54	63	57	53	51								
6	75	63	55	49	73	62	55	49	61	54	49	59	53	48	57	52	48	46								
7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	41								
8	66	53	46	40	64	53	45	40	51	45	40	50	44	40	49	44	39	38								
9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	36	34								
10	58	46	39	34	57	45	38	34	44	38	33	44	38	33	43	37	33	32								

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	27003	27003	27003
5°	27952	26850	25782
10°	28572	26377	24333
15°	28981	25488	22724
20°	28894	24251	21097
25°	28179	22680	19363
30°	26698	20858	17771
35°	24288	18875	16149
40°	21335	16790	14592
45°	18604	14766	13004
50°	16186	12938	11456
55°	14440	11371	9962
60°	13118	9966	8505
65°	11791	8668	7720
70°	10495	7384	6960
75°	9198	6231	5945
80°	7813	5079	5292
85°	5873	3786	4210



TEST NUMBER: P583897  
 CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	82.0	5.1
10°-20°	226.0	14.0
20°-30°	313.7	19.4
30°-40°	324.3	20.1
40°-50°	271.6	16.8
50°-60°	197.1	12.2
60°-70°	124.4	7.7
70°-80°	61.6	3.8
80°-90°	15.3	0.9
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°-30°	621.7	38.5
0°-40°	946.1	58.5
0°-60°	1414.8	87.5
0°-90°	1616.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1616.2	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	876	876	876	876	876	
5°	903	892	867	844	833	86
15°	908	873	798	734	712	255
25°	828	775	667	594	569	380
35°	645	598	501	444	429	402
45°	427	396	339	305	298	330
55°	269	245	212	194	185	242
65°	162	141	119	105	106	161
75°	77	64	52	50	50	83
85°	17	13	11	12	12	20
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab  
 1121 Highway 74 South  
 Peachtree City, GA 30269



TEST NUMBER: P583897

CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7
2.5°	890.0	890.0	891.2	890.0	890.0	890.0	888.8	888.8	887.6	887.6	885.2
5°	903.0	900.6	903.0	900.6	900.6	900.6	899.5	897.1	895.9	893.5	892.3
7.5°	908.9	907.8	907.8	906.6	906.6	905.4	904.2	903.0	898.3	897.1	893.5
10°	912.5	911.3	911.3	910.1	907.8	907.8	905.4	904.2	898.3	895.9	891.2
12.5°	911.3	911.3	911.3	910.1	906.6	905.4	903.0	899.5	894.7	890.0	885.2
15°	907.8	907.8	905.4	904.2	900.6	898.3	897.1	891.2	886.4	880.5	873.4
17.5°	895.9	895.9	894.7	892.3	888.8	886.4	884.0	878.1	873.4	863.9	856.8
20°	880.5	879.3	878.1	874.6	871.0	869.8	866.3	857.8	851.9	844.8	835.3
22.5°	857.8	856.8	855.6	853.1	847.2	844.8	842.4	836.5	825.8	818.7	806.7
25°	828.2	828.2	825.8	822.3	816.3	814.0	810.4	804.5	794.9	784.2	774.7
27.5°	793.7	792.5	789.0	786.6	781.8	778.3	772.4	765.2	755.7	747.3	735.5
30°	749.8	749.8	747.3	743.8	737.9	735.5	730.7	722.4	712.9	702.3	694.0
32.5°	699.9	699.9	696.2	694.0	690.3	684.4	683.2	673.7	665.4	657.1	647.6
35°	645.2	646.4	644.1	639.3	633.3	633.3	630.9	622.6	613.1	604.8	597.7
37.5°	590.6	587.0	585.8	583.5	579.8	575.1	572.7	569.1	560.8	554.9	544.2
40°	530.0	531.2	528.8	526.3	525.1	521.6	520.4	514.5	508.5	501.4	496.7
42.5°	475.3	475.3	475.3	473.0	470.6	466.9	465.7	462.2	455.1	450.3	443.2
45°	426.6	423.0	423.0	421.9	420.7	418.3	414.6	412.4	407.5	404.0	395.7
47.5°	379.1	380.2	379.1	377.9	374.3	373.1	371.9	367.2	362.5	358.8	352.9
50°	337.4	339.8	337.4	337.4	335.1	333.9	331.5	328.0	324.4	318.5	312.5
52.5°	302.9	302.9	301.9	300.6	297.0	294.6	293.5	292.3	286.3	281.6	276.9
55°	268.6	269.7	269.7	266.2	265.0	262.6	261.4	257.9	255.5	248.4	244.7
57.5°	238.8	237.6	238.8	236.4	234.1	231.7	230.5	228.1	224.6	219.8	215.1
60°	212.7	210.3	210.3	209.1	206.8	205.6	203.2	199.7	196.1	191.4	187.7
62.5°	186.5	185.3	184.1	183.0	180.6	179.4	178.2	174.7	171.1	167.5	164.0
65°	161.6	161.6	160.4	158.0	156.9	155.7	154.5	152.1	147.4	145.0	141.3
67.5°	139.1	137.9	137.9	135.4	133.0	131.9	131.9	129.5	125.9	122.4	120.0
70°	116.4	117.6	116.4	115.2	112.9	112.9	110.5	109.3	104.6	103.4	99.8
72.5°	96.3	96.3	95.1	95.1	92.7	91.5	91.5	89.2	86.8	84.4	81.9
75°	77.2	77.2	77.2	76.0	74.8	72.5	72.5	71.3	68.9	66.5	64.1
77.5°	60.6	59.4	59.4	58.2	57.0	55.8	55.8	54.7	52.3	51.1	48.7
80°	44.0	42.8	42.8	42.8	40.4	41.6	40.4	39.2	38.1	36.9	35.7
82.5°	28.6	29.8	29.8	28.6	27.4	27.4	27.4	26.1	26.1	24.9	23.7
85°	16.6	16.6	16.6	16.6	15.4	15.4	15.4	14.2	14.2	14.2	13.0
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	5.9	5.9	5.9	5.9	5.9
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



TEST NUMBER: P583897

CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7
2.5°	885.2	882.9	881.7	880.5	880.5	879.3	878.1	875.7	875.7	873.4	872.2
5°	890.0	886.4	884.0	881.7	880.5	878.1	875.7	872.2	871.0	867.4	863.9
7.5°	891.2	885.2	882.9	878.1	875.7	873.4	868.6	865.1	860.2	856.8	851.9
10°	886.4	881.7	875.7	869.8	868.6	865.1	857.8	853.1	847.2	842.4	835.3
12.5°	879.3	872.2	866.3	859.0	855.6	851.9	844.8	837.7	829.4	821.1	814.0
15°	867.4	859.0	850.7	842.4	837.7	834.1	825.8	817.5	809.2	798.4	791.3
17.5°	849.5	840.1	831.8	821.1	816.3	812.8	802.0	792.5	781.8	771.2	764.0
20°	827.0	815.1	805.7	793.7	790.1	784.2	773.5	762.9	751.0	739.0	730.7
22.5°	797.3	785.4	774.7	762.9	756.9	751.0	740.2	727.2	715.3	705.8	697.5
25°	762.9	752.2	739.0	728.4	721.2	714.1	702.3	691.5	680.8	666.6	658.3
27.5°	724.8	711.8	702.3	687.9	680.8	676.1	663.0	648.8	639.3	626.2	616.7
30°	682.0	670.1	659.5	645.2	638.0	633.3	621.4	608.4	598.9	585.8	576.2
32.5°	636.8	623.8	610.7	601.3	593.0	588.2	575.1	566.8	554.9	544.2	533.5
35°	588.2	575.1	565.6	552.5	547.8	543.0	532.4	521.6	510.9	501.4	493.1
37.5°	535.9	526.3	515.7	506.2	502.6	497.9	484.8	475.3	466.9	457.4	450.3
40°	484.8	476.5	469.3	459.8	453.9	450.3	440.8	432.5	423.0	417.1	409.9
42.5°	438.5	429.0	421.9	414.6	408.7	405.2	396.9	390.9	383.8	377.9	369.6
45°	389.7	385.0	376.7	370.8	367.2	362.5	356.4	349.3	343.4	338.6	332.7
47.5°	346.9	342.2	336.3	329.1	326.8	323.2	317.3	312.5	307.8	302.9	297.0
50°	307.8	301.9	297.0	292.3	289.9	286.3	280.4	278.0	274.5	269.7	266.2
52.5°	272.1	267.4	262.6	256.7	255.5	253.0	249.6	244.7	241.2	238.8	236.4
55°	240.0	235.2	231.7	226.9	225.8	223.4	218.6	216.3	213.9	211.5	209.1
57.5°	211.5	206.8	202.0	199.7	197.3	194.8	193.6	190.1	187.7	186.5	184.1
60°	185.3	180.6	177.0	173.5	172.3	171.1	168.7	166.4	164.0	161.6	160.4
62.5°	160.4	155.7	153.3	150.9	148.6	148.6	146.2	143.8	141.3	140.3	137.9
65°	137.9	135.4	131.9	128.3	127.1	127.1	123.6	122.4	121.2	118.8	116.4
67.5°	116.4	114.1	110.5	109.3	108.1	106.9	105.8	103.4	101.0	99.8	97.5
70°	97.5	95.1	92.7	91.5	90.3	89.2	86.8	85.6	83.1	81.9	80.9
72.5°	78.4	77.2	74.8	73.6	72.5	71.3	70.1	68.9	66.5	65.3	64.1
75°	63.0	61.8	59.4	58.2	57.0	57.0	55.8	53.5	52.3	52.3	51.1
77.5°	47.5	46.4	45.2	44.0	42.8	42.8	41.6	40.4	39.2	39.2	38.1
80°	34.5	33.3	32.1	32.1	32.1	30.8	29.8	29.8	28.6	28.6	27.4
82.5°	22.5	22.5	21.3	21.3	21.3	20.2	20.2	19.0	19.0	19.0	19.0
85°	13.0	13.0	13.0	11.9	11.9	11.9	11.9	11.9	11.9	10.7	11.9
87.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	4.7	4.7	4.7
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



TEST NUMBER: P583897

CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7
2.5°	871.0	869.8	867.4	867.4	865.1	865.1	863.9	862.7	861.5	860.2	859.0
5°	862.7	857.8	855.6	854.3	851.9	850.7	847.2	844.8	843.6	841.2	838.9
7.5°	847.2	842.4	837.7	836.5	835.3	830.6	827.0	823.5	821.1	818.7	816.3
10°	829.4	824.6	818.7	816.3	814.0	808.0	803.3	799.6	794.9	790.1	789.0
12.5°	808.0	800.8	793.7	791.3	787.8	781.8	777.1	771.2	767.6	761.7	760.5
15°	783.0	774.7	768.8	762.9	760.5	754.6	746.3	741.4	734.3	731.9	726.0
17.5°	753.4	745.1	736.7	734.3	730.7	722.4	714.1	708.2	701.1	697.5	694.0
20°	722.4	711.8	703.5	701.1	696.2	689.1	680.8	674.9	669.0	661.8	658.3
22.5°	686.8	674.9	667.8	661.8	660.7	652.4	642.9	638.0	633.3	627.3	622.6
25°	647.6	636.8	628.5	623.8	621.4	614.3	607.2	601.3	594.1	590.6	584.7
27.5°	607.2	600.1	589.4	584.7	581.1	575.1	566.8	563.2	556.1	551.3	547.8
30°	567.9	557.3	551.3	545.4	541.9	535.9	528.8	525.1	519.2	514.5	510.9
32.5°	525.1	518.0	509.7	507.4	502.6	496.7	491.9	486.0	481.3	476.5	475.3
35°	486.0	476.5	468.1	465.7	462.2	456.3	453.9	450.3	444.4	443.2	438.5
37.5°	443.2	438.5	429.0	425.4	424.2	419.5	414.6	412.4	408.7	405.2	404.0
40°	402.8	396.9	392.1	388.5	386.2	382.6	377.9	376.7	374.3	369.6	368.4
42.5°	364.8	358.8	354.1	352.9	349.3	345.7	343.4	339.8	338.6	337.4	335.1
45°	328.0	324.4	319.7	318.5	317.3	312.5	310.2	307.8	305.3	304.1	301.9
47.5°	294.6	291.1	287.5	286.3	284.0	282.8	279.2	278.0	274.5	273.3	272.1
50°	262.6	260.3	257.9	256.7	254.3	253.0	250.8	248.4	245.9	244.7	243.5
52.5°	234.1	231.7	229.3	228.1	226.9	224.6	222.2	219.8	218.6	217.5	216.3
55°	206.8	204.4	203.2	202.0	200.8	199.7	196.1	194.8	193.6	192.4	190.1
57.5°	181.8	179.4	177.0	177.0	175.8	174.7	172.3	169.9	169.9	167.5	165.2
60°	159.2	156.9	154.5	153.3	152.1	149.7	148.6	147.4	146.2	145.0	142.6
62.5°	135.4	134.2	131.9	131.9	129.5	128.3	127.1	125.9	124.7	122.4	121.2
65°	115.2	114.1	111.7	110.5	110.5	109.3	106.9	105.8	104.6	104.6	103.4
67.5°	96.3	95.1	92.7	91.5	91.5	90.3	89.2	89.2	88.0	86.8	88.0
70°	79.7	77.2	77.2	76.0	76.0	74.8	73.6	73.6	73.6	74.8	74.8
72.5°	63.0	61.8	60.6	60.6	60.6	60.6	59.4	59.4	60.6	61.8	61.8
75°	49.9	48.7	48.7	48.7	47.5	47.5	48.7	48.7	49.9	49.9	49.9
77.5°	36.9	36.9	36.9	36.9	36.9	36.9	38.1	38.1	39.2	39.2	39.2
80°	27.4	27.4	27.4	27.4	27.4	28.6	28.6	28.6	28.6	28.6	29.8
82.5°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	20.2	20.2	20.2	20.2
85°	10.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





TEST NUMBER: P583897

CATALOG NUMBER: HCC8W15D010SL-HM80520840-81WWW

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	875.7	875.7	875.7	875.7	875.7	875.7	875.7	875.7
2.5°	857.8	857.8	857.8	859.0	856.8	856.8	856.8	856.8
5°	837.7	836.5	835.3	836.5	834.1	834.1	832.9	832.9
7.5°	812.8	811.6	810.4	810.4	808.0	808.0	806.7	805.7
10°	785.4	783.0	784.2	781.8	780.7	779.5	778.3	777.1
12.5°	755.7	753.4	752.2	749.8	747.3	746.3	747.3	745.1
15°	723.6	720.1	718.9	716.5	714.1	712.9	712.9	711.8
17.5°	687.9	685.6	684.4	682.0	680.8	678.5	677.3	676.1
20°	654.7	648.8	650.0	647.6	646.4	641.7	641.7	642.9
22.5°	617.9	614.3	611.9	609.6	608.4	606.0	606.0	604.8
25°	581.1	577.4	576.2	573.9	572.7	570.3	569.1	569.1
27.5°	545.4	540.7	540.7	538.3	535.9	534.7	533.5	532.4
30°	507.4	503.8	502.6	502.6	501.4	501.4	497.9	499.1
32.5°	471.8	469.3	468.1	465.7	465.7	464.6	464.6	461.0
35°	436.1	432.5	433.7	431.3	430.2	429.0	430.2	429.0
37.5°	401.6	399.2	399.2	396.9	396.9	395.7	394.5	396.9
40°	367.2	366.0	364.8	363.5	364.8	363.5	361.3	362.5
42.5°	332.7	332.7	331.5	331.5	330.3	330.3	330.3	330.3
45°	301.9	300.6	300.6	299.4	299.4	299.4	299.4	298.2
47.5°	270.9	269.7	269.7	269.7	268.6	268.6	267.4	268.6
50°	241.2	241.2	240.0	240.0	241.2	240.0	238.8	238.8
52.5°	213.9	213.9	212.7	212.7	211.5	210.3	211.5	211.5
55°	188.9	187.7	186.5	186.5	185.3	184.1	184.1	185.3
57.5°	165.2	164.0	162.8	162.8	160.4	159.2	159.2	159.2
60°	142.6	140.3	140.3	139.1	139.1	137.9	137.9	137.9
62.5°	121.2	120.0	120.0	120.0	120.0	118.8	118.8	118.8
65°	103.4	103.4	103.4	104.6	104.6	105.8	105.8	105.8
67.5°	89.2	90.3	90.3	90.3	91.5	91.5	91.5	90.3
70°	76.0	76.0	76.0	77.2	77.2	77.2	77.2	77.2
72.5°	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
75°	49.9	51.1	51.1	51.1	49.9	51.1	51.1	49.9
77.5°	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
80°	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
82.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
85°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



— 0°-180°    - - 45°-225°    - - - - 90°-270°

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report





Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)