

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: P584046

Luminaire Tested: **HCC8W20D010MB-HM80520927-81WWW**

Issue Date: 10/21/2021

**Test Information**

Test Method: LM-41-14  
Report Number: P584046  
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: HCC8W20D010MB-HM80520927-81WWW  
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, WHITE TRIM  
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT  
CYLINDER  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

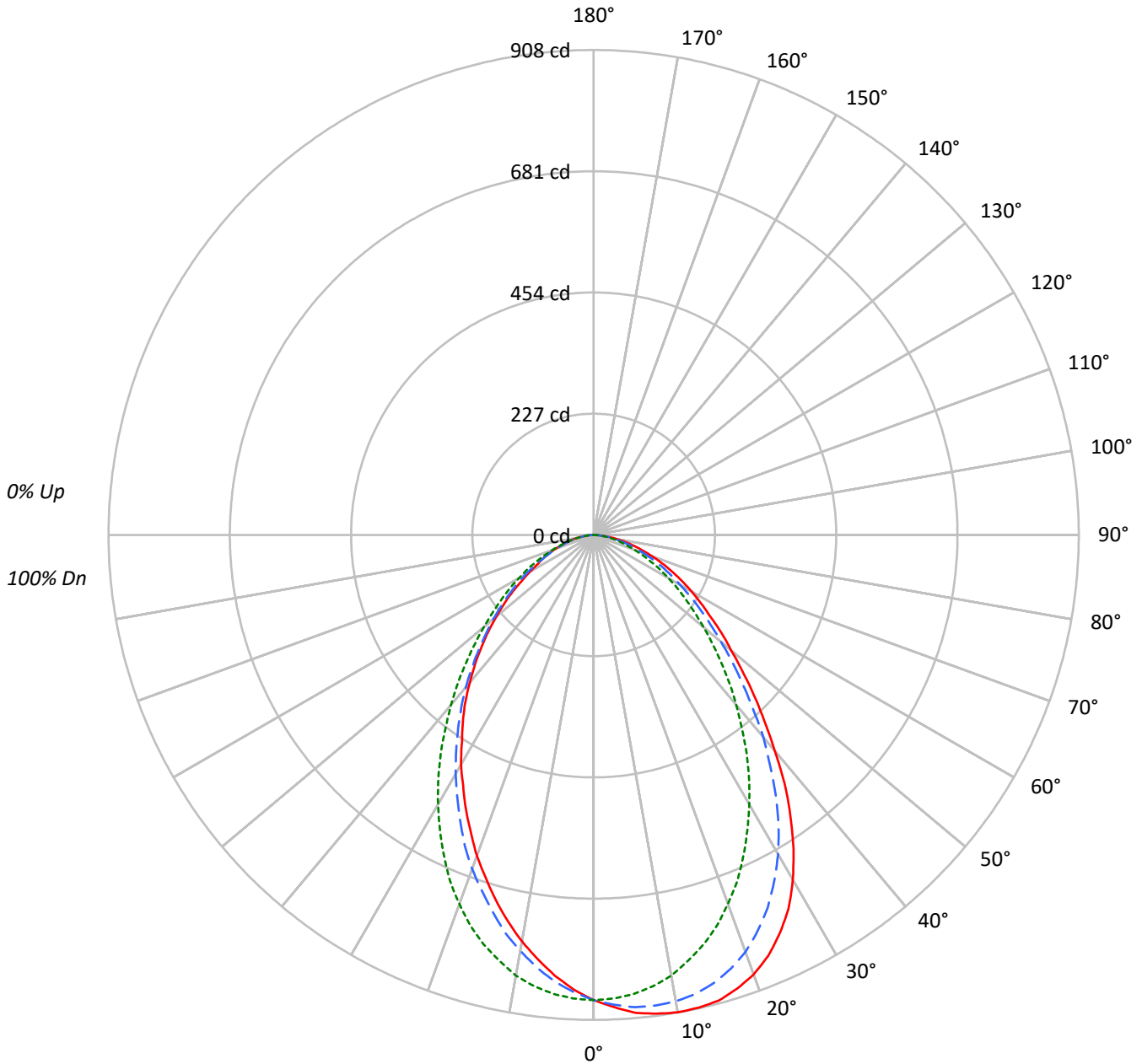
Lumens per Lamp: N/A  
Luminaire Lumens: 1607.6 lumens  
Efficiency: N/A  
Efficacy: 80.4 lumens/watt  
Spacing Criteria (0/90/45): 1.09 / 1.04 / 1.13  
Luminous Opening: Circular (Dia: 0.67' x H: 0')  
CIE Type: Direct

Input Watts (W): 20  
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: P584046  
CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

### Luminous Intensity Polar Plot



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



TEST NUMBER: P584046

CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**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°	26858	26858	26858
5°	27803	26704	25645
10°	28422	26236	24201
15°	28824	25354	22599
20°	28736	24123	20979
25°	28026	22558	19261
30°	26552	20744	17672
35°	24156	18773	16063
40°	21218	16701	14512
45°	18503	14692	12939
50°	16104	12871	11398
55°	14360	11311	9914
60°	13050	9917	8455
65°	11733	8624	7676
70°	10440	7357	6924
75°	9150	6195	5909
80°	7760	5043	5256
85°	5838	3750	4175



TEST NUMBER: P584046  
 CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	81.6	5.1
10°-20°	224.8	14.0
20°-30°	312.0	19.4
30°-40°	322.6	20.1
40°-50°	270.2	16.8
50°-60°	196.1	12.2
60°-70°	123.8	7.7
70°-80°	61.3	3.8
80°-90°	15.2	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°	618.4	38.5
0°-40°	941.0	58.5
0°-60°	1407.3	87.5
0°-90°	1607.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1607.6	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	871	871	871	871	871	
5°	898	888	863	839	828	86
15°	903	869	794	730	708	254
25°	824	770	663	591	566	377
35°	642	594	499	442	427	400
45°	424	394	337	304	297	328
55°	267	244	210	193	184	241
65°	161	141	118	104	105	160
75°	77	64	52	50	50	82
85°	16	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: P584046

CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0
2.5°	885.2	885.2	886.4	885.2	885.2	885.2	884.0	884.0	882.8	882.8	880.5
5°	898.2	895.8	898.2	895.8	895.8	895.8	894.7	892.3	891.1	888.7	887.6
7.5°	904.1	902.9	902.9	901.7	901.7	900.6	899.4	898.2	893.5	892.3	888.7
10°	907.7	906.5	906.5	905.3	902.9	902.9	900.6	899.4	893.5	891.1	886.4
12.5°	906.5	906.5	906.5	905.3	901.7	900.6	898.2	894.7	889.9	885.2	880.5
15°	902.9	902.9	900.6	899.4	895.8	893.5	892.3	886.4	881.7	875.7	868.7
17.5°	891.1	891.1	889.9	887.6	884.0	881.7	879.3	873.4	868.7	859.2	852.1
20°	875.7	874.6	873.4	869.8	866.3	865.1	861.6	853.3	847.4	840.3	830.8
22.5°	853.3	852.1	850.9	848.6	842.6	840.3	837.9	832.0	821.4	814.3	802.5
25°	823.7	823.7	821.4	817.8	811.9	809.6	806.0	800.1	790.6	780.0	770.5
27.5°	789.5	788.3	784.7	782.4	777.6	774.1	768.2	761.1	751.6	743.4	731.5
30°	745.7	745.7	743.4	739.8	733.9	731.5	726.8	718.5	709.1	698.4	690.2
32.5°	696.1	696.1	692.5	690.2	686.6	680.7	679.5	670.1	661.8	653.5	644.1
35°	641.7	642.9	640.5	635.8	629.9	629.9	627.5	619.2	609.8	601.5	594.4
37.5°	587.3	583.8	582.6	580.2	576.7	572.0	569.6	566.1	557.8	551.9	541.2
40°	527.1	528.2	525.9	523.5	522.3	518.8	517.6	511.7	505.8	498.7	494.0
42.5°	472.8	472.8	472.8	470.4	468.1	464.5	463.3	459.8	452.7	448.0	440.9
45°	424.3	420.8	420.8	419.6	418.4	416.1	412.5	410.2	405.4	401.9	393.6
47.5°	377.1	378.2	377.1	375.9	372.3	371.1	370.0	365.2	360.5	357.0	351.1
50°	335.7	338.1	335.7	335.7	333.3	332.1	329.8	326.2	322.7	316.8	310.9
52.5°	301.4	301.4	300.2	299.0	295.5	293.1	292.0	290.8	284.9	280.1	275.4
55°	267.1	268.3	268.3	264.8	263.6	261.2	260.0	256.5	254.1	247.0	243.5
57.5°	237.6	236.4	237.6	235.2	232.9	230.5	229.3	226.9	223.4	218.7	213.9
60°	211.6	209.2	209.2	208.0	205.7	204.5	202.1	198.6	195.0	190.3	186.8
62.5°	185.6	184.4	183.2	182.0	179.7	178.5	177.3	173.8	170.2	166.7	163.1
65°	160.8	160.8	159.6	157.2	156.0	154.8	153.7	151.3	146.6	144.2	140.7
67.5°	138.3	137.1	137.1	134.7	132.4	131.2	131.2	128.8	125.3	121.7	119.4
70°	115.8	117.0	115.8	114.7	112.3	112.3	109.9	108.7	104.0	102.8	99.3
72.5°	95.7	95.7	94.6	94.6	92.2	91.0	91.0	88.6	86.3	83.9	81.6
75°	76.8	76.8	76.8	75.6	74.5	72.1	72.1	70.9	68.6	66.2	63.8
77.5°	60.3	59.1	59.1	57.9	56.7	55.6	55.6	54.4	52.0	50.8	48.5
80°	43.7	42.6	42.6	42.6	40.2	41.4	40.2	39.0	37.8	36.6	35.5
82.5°	28.4	29.6	29.6	28.4	27.2	27.2	27.2	26.0	26.0	24.8	23.6
85°	16.5	16.5	16.5	16.5	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: P584046

CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0
2.5°	880.5	878.1	876.9	875.7	875.7	874.6	873.4	871.0	871.0	868.7	867.5
5°	885.2	881.7	879.3	876.9	875.7	873.4	871.0	867.5	866.3	862.7	859.2
7.5°	886.4	880.5	878.1	873.4	871.0	868.7	863.9	860.4	855.6	852.1	847.4
10°	881.7	876.9	871.0	865.1	863.9	860.4	853.3	848.6	842.6	837.9	830.8
12.5°	874.6	867.5	861.6	854.5	850.9	847.4	840.3	833.2	824.9	816.6	809.6
15°	862.7	854.5	846.2	837.9	833.2	829.6	821.4	813.1	804.8	794.2	787.1
17.5°	845.0	835.6	827.3	816.6	811.9	808.4	797.7	788.3	777.6	767.0	759.9
20°	822.6	810.7	801.3	789.5	785.9	780.0	769.4	758.7	746.9	735.1	726.8
22.5°	793.0	781.2	770.5	758.7	752.8	746.9	736.3	723.3	711.4	702.0	693.7
25°	758.7	748.1	735.1	724.4	717.4	710.3	698.4	687.8	677.2	663.0	654.7
27.5°	720.9	707.9	698.4	684.3	677.2	672.4	659.4	645.3	635.8	622.8	613.3
30°	678.3	666.5	655.9	641.7	634.6	629.9	618.1	605.1	595.6	582.6	573.2
32.5°	633.4	620.4	607.4	598.0	589.7	585.0	572.0	563.7	551.9	541.2	530.6
35°	585.0	572.0	562.5	549.5	544.8	540.1	529.4	518.8	508.1	498.7	490.5
37.5°	533.0	523.5	512.9	503.4	499.9	495.1	482.3	472.8	464.5	455.1	448.0
40°	482.3	474.0	466.9	457.4	451.5	448.0	438.5	430.2	420.8	414.9	407.8
42.5°	436.2	426.7	419.6	412.5	406.6	403.1	394.8	388.9	381.8	375.9	367.6
45°	387.7	383.0	374.7	368.8	365.2	360.5	354.6	347.5	341.6	336.9	331.0
47.5°	345.1	340.4	334.5	327.4	325.0	321.5	315.6	310.9	306.1	301.4	295.5
50°	306.1	300.2	295.5	290.8	288.4	284.9	279.0	276.6	273.0	268.3	264.8
52.5°	270.7	266.0	261.2	255.3	254.1	251.8	248.2	243.5	239.9	237.6	235.2
55°	238.8	234.0	230.5	225.8	224.6	222.2	217.5	215.1	212.8	210.4	208.0
57.5°	210.4	205.7	200.9	198.6	196.2	193.8	192.7	189.1	186.8	185.6	183.2
60°	184.4	179.7	176.1	172.6	171.4	170.2	167.8	165.5	163.1	160.8	159.6
62.5°	159.6	154.8	152.5	150.1	147.8	147.8	145.4	143.0	140.7	139.5	137.1
65°	137.1	134.7	131.2	127.7	126.5	126.5	122.9	121.7	120.6	118.2	115.8
67.5°	115.8	113.5	109.9	108.7	107.6	106.4	105.2	102.8	100.5	99.3	96.9
70°	96.9	94.6	92.2	91.0	89.8	88.6	86.3	85.1	82.7	81.6	80.4
72.5°	78.0	76.8	74.5	73.3	72.1	70.9	69.7	68.6	66.2	65.0	63.8
75°	62.6	61.5	59.1	57.9	56.7	56.7	55.6	53.2	52.0	52.0	50.8
77.5°	47.3	46.1	44.9	43.7	42.6	42.6	41.4	40.2	39.0	39.0	37.8
80°	34.3	33.1	31.9	31.9	31.9	30.7	29.6	29.6	28.4	28.4	27.2
82.5°	22.5	22.5	21.3	21.3	21.3	20.1	20.1	18.9	18.9	18.9	18.9
85°	13.0	13.0	13.0	11.8	11.8	11.8	11.8	11.8	11.8	10.6	11.8
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: P584046

CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0
2.5°	866.3	865.1	862.7	862.7	860.4	860.4	859.2	858.0	856.8	855.6	854.5
5°	858.0	853.3	850.9	849.7	847.4	846.2	842.6	840.3	839.1	836.7	834.4
7.5°	842.6	837.9	833.2	832.0	830.8	826.1	822.6	819.0	816.6	814.3	811.9
10°	824.9	820.2	814.3	811.9	809.6	803.6	798.9	795.4	790.6	785.9	784.7
12.5°	803.6	796.5	789.5	787.1	783.5	777.6	772.9	767.0	763.5	757.5	756.4
15°	778.8	770.5	764.6	758.7	756.4	750.5	742.2	737.4	730.4	728.0	722.1
17.5°	749.3	741.0	732.7	730.4	726.8	718.5	710.3	704.4	697.3	693.7	690.2
20°	718.5	707.9	699.6	697.3	692.5	685.4	677.2	671.3	665.3	658.3	654.7
22.5°	683.1	671.3	664.2	658.3	657.1	648.8	639.3	634.6	629.9	624.0	619.2
25°	644.1	633.4	625.2	620.4	618.1	611.0	603.9	598.0	590.9	587.3	581.4
27.5°	603.9	596.8	586.2	581.4	577.9	572.0	563.7	560.1	553.1	548.3	544.8
30°	564.9	554.2	548.3	542.4	538.9	533.0	525.9	522.3	516.4	511.7	508.1
32.5°	522.3	515.2	507.0	504.6	499.9	494.0	489.3	483.4	478.7	474.0	472.8
35°	483.4	474.0	465.7	463.3	459.8	453.9	451.5	448.0	442.1	440.9	436.2
37.5°	440.9	436.2	426.7	423.2	422.0	417.2	412.5	410.2	406.6	403.1	401.9
40°	400.7	394.8	390.1	386.5	384.2	380.6	375.9	374.7	372.3	367.6	366.4
42.5°	362.9	357.0	352.2	351.1	347.5	344.0	341.6	338.1	336.9	335.7	333.3
45°	326.2	322.7	318.0	316.8	315.6	310.9	308.5	306.1	303.8	302.6	300.2
47.5°	293.1	289.6	286.0	284.9	282.5	281.3	277.8	276.6	273.0	271.9	270.7
50°	261.2	258.9	256.5	255.3	252.9	251.8	249.4	247.0	244.7	243.5	242.3
52.5°	232.9	230.5	228.1	226.9	225.8	223.4	221.0	218.7	217.5	216.3	215.1
55°	205.7	203.3	202.1	200.9	199.8	198.6	195.0	193.8	192.7	191.5	189.1
57.5°	180.8	178.5	176.1	176.1	174.9	173.8	171.4	169.0	169.0	166.7	164.3
60°	158.4	156.0	153.7	152.5	151.3	148.9	147.8	146.6	145.4	144.2	141.8
62.5°	134.7	133.6	131.2	131.2	128.8	127.7	126.5	125.3	124.1	121.7	120.6
65°	114.7	113.5	111.1	109.9	109.9	108.7	106.4	105.2	104.0	104.0	102.8
67.5°	95.7	94.6	92.2	91.0	91.0	89.8	88.6	88.6	87.5	86.3	87.5
70°	79.2	76.8	76.8	75.6	75.6	74.5	73.3	73.3	73.3	74.5	74.5
72.5°	62.6	61.5	60.3	60.3	60.3	60.3	59.1	59.1	60.3	61.5	61.5
75°	49.6	48.5	48.5	48.5	47.3	47.3	48.5	48.5	49.6	49.6	49.6
77.5°	36.6	36.6	36.6	36.6	36.6	36.6	37.8	37.8	39.0	39.0	39.0
80°	27.2	27.2	27.2	27.2	27.2	28.4	28.4	28.4	28.4	28.4	29.6
82.5°	18.9	18.9	18.9	18.9	18.9	18.9	18.9	20.1	20.1	20.1	20.1
85°	10.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
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: P584046

CATALOG NUMBER: HCC8W20D010MB-HM80520927-81WWW

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	871.0	871.0	871.0	871.0	871.0	871.0	871.0	871.0
2.5°	853.3	853.3	853.3	854.5	852.1	852.1	852.1	852.1
5°	833.2	832.0	830.8	832.0	829.6	829.6	828.5	828.5
7.5°	808.4	807.2	806.0	806.0	803.6	803.6	802.5	801.3
10°	781.2	778.8	780.0	777.6	776.5	775.3	774.1	772.9
12.5°	751.6	749.3	748.1	745.7	743.4	742.2	743.4	741.0
15°	719.7	716.2	715.0	712.6	710.3	709.1	709.1	707.9
17.5°	684.3	681.9	680.7	678.3	677.2	674.8	673.6	672.4
20°	651.2	645.3	646.4	644.1	642.9	638.2	638.2	639.3
22.5°	614.5	611.0	608.6	606.2	605.1	602.7	602.7	601.5
25°	577.9	574.3	573.2	570.8	569.6	567.2	566.1	566.1
27.5°	542.4	537.7	537.7	535.3	533.0	531.8	530.6	529.4
30°	504.6	501.0	499.9	499.9	498.7	498.7	495.1	496.3
32.5°	469.3	466.9	465.7	463.3	463.3	462.2	462.2	458.6
35°	433.8	430.2	431.4	429.1	427.9	426.7	427.9	426.7
37.5°	399.5	397.2	397.2	394.8	394.8	393.6	392.4	394.8
40°	365.2	364.1	362.9	361.7	362.9	361.7	359.3	360.5
42.5°	331.0	331.0	329.8	329.8	328.6	328.6	328.6	328.6
45°	300.2	299.0	299.0	297.9	297.9	297.9	297.9	296.7
47.5°	269.5	268.3	268.3	268.3	267.1	267.1	266.0	267.1
50°	239.9	239.9	238.8	238.8	239.9	238.8	237.6	237.6
52.5°	212.8	212.8	211.6	211.6	210.4	209.2	210.4	210.4
55°	187.9	186.8	185.6	185.6	184.4	183.2	183.2	184.4
57.5°	164.3	163.1	161.9	161.9	159.6	158.4	158.4	158.4
60°	141.8	139.5	139.5	138.3	138.3	137.1	137.1	137.1
62.5°	120.6	119.4	119.4	119.4	119.4	118.2	118.2	118.2
65°	102.8	102.8	102.8	104.0	104.0	105.2	105.2	105.2
67.5°	88.6	89.8	89.8	89.8	91.0	91.0	91.0	89.8
70°	75.6	75.6	75.6	76.8	76.8	76.8	76.8	76.8
72.5°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
75°	49.6	50.8	50.8	50.8	49.6	50.8	50.8	49.6
77.5°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
80°	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
82.5°	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
85°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
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)