

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: P584659

Luminaire Tested: **HCC8S45D010BZ-HM82555827-81WWWB**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584659
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2109-368-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 10/21/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO COMMERCIAL
Catalog Number: HCC8S45D010BZ-HM82555827-81WWWB
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, BLACK BAFFLE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

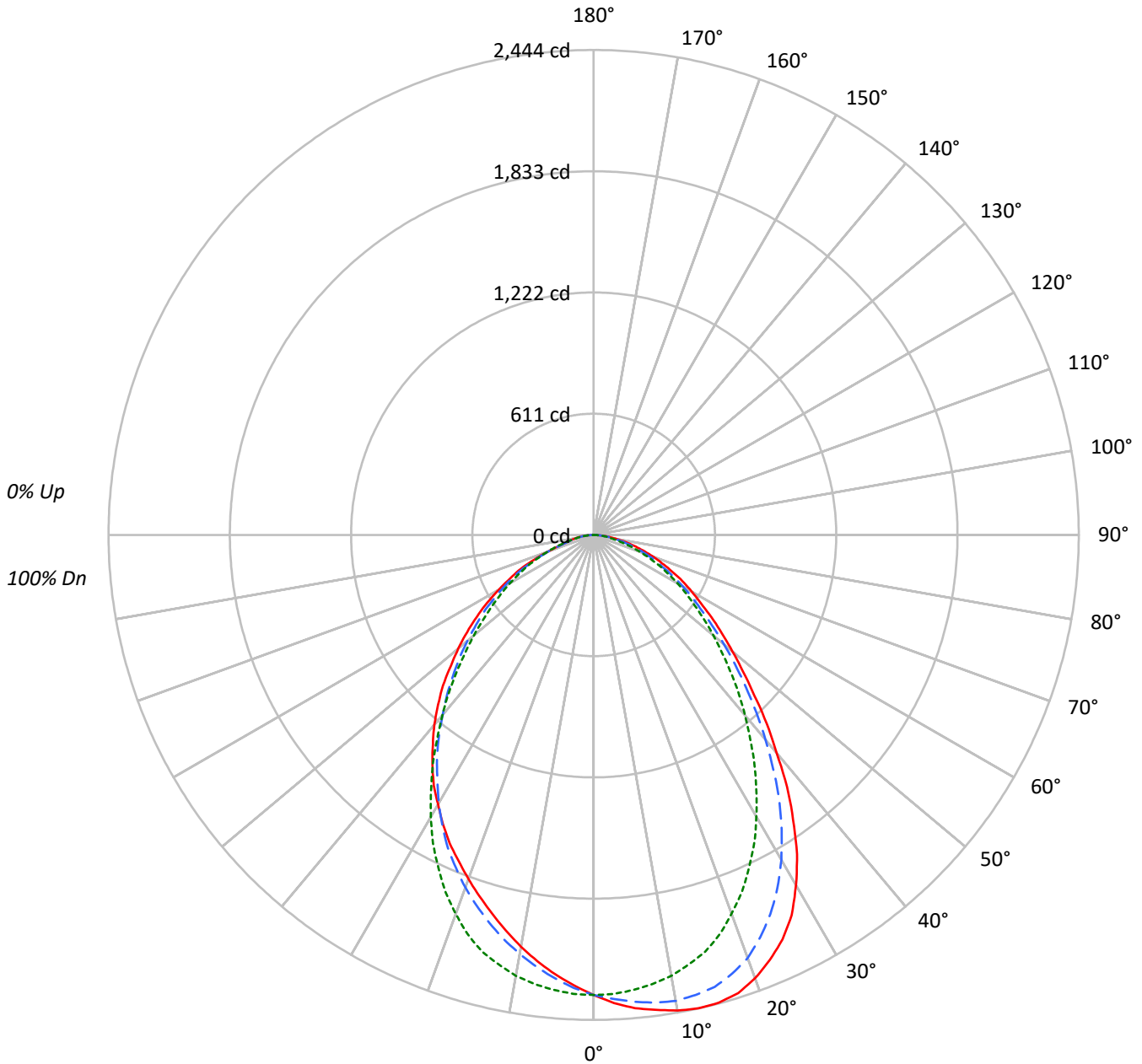
Lumens per Lamp: N/A
Luminaire Lumens: 4663.2 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.18
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 44
Input Voltage (V): NR
Input Current (A_{in}): 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: P584659
CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

Luminous Intensity Polar Plot





TEST NUMBER: P584659

CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

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	92	91	89	87								
2	102	94	88	83	99	93	87	82	89	85	81	86	82	79	83	80	77	75								
3	94	84	77	71	91	83	76	71	80	74	69	77	72	68	75	71	67	65								
4	87	76	68	62	84	75	67	61	72	66	61	70	64	60	68	63	59	57								
5	80	69	60	54	78	67	60	54	65	59	54	64	58	53	62	57	52	50								
6	75	62	54	48	73	61	54	48	60	53	48	58	52	47	57	51	47	45								
7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	47	42	40								
8	65	52	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37								
9	61	48	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33								
10	57	45	38	33	56	44	37	33	44	37	32	43	37	32	42	36	32	30								

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	71497	71497	71497
5°	74113	71259	68814
10°	76210	70640	65999
15°	77908	69393	63082
20°	78032	66681	60521
25°	76537	62975	58382
30°	72591	58399	55821
35°	65956	53187	53312
40°	57668	47729	50245
45°	49980	42515	46819
50°	43761	37759	42662
55°	38956	33467	38601
60°	35135	30059	33920
65°	31718	26428	29551
70°	28499	22269	21972
75°	25115	17645	16477
80°	21061	14615	15787
85°	16311	12808	13975



TEST NUMBER: P584659
 CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.7	4.7
10°-20°	616.1	13.2
20°-30°	880.5	18.9
30°-40°	935.5	20.1
40°-50°	805.5	17.3
50°-60°	602.2	12.9
60°-70°	384.1	8.2
70°-80°	174.8	3.7
80°-90°	45.8	1.0
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°	1715.2	36.8
0°-40°	2650.8	56.8
0°-60°	4058.4	87.0
0°-90°	4663.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4663.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2319	2319	2319	2319	2319	
5°	2394	2361	2302	2243	2223	229
15°	2440	2358	2174	2025	1976	687
25°	2250	2108	1851	1739	1716	1030
35°	1752	1630	1413	1377	1416	1091
45°	1146	1084	975	1001	1074	891
55°	725	665	622	675	718	652
65°	435	385	362	379	405	434
75°	211	181	148	135	138	224
85°	46	40	36	40	40	56
90°	0	0	0	0	0	

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



TEST NUMBER: P584659

CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6
2.5°	2361.4	2354.8	2358.1	2354.8	2358.1	2358.1	2351.5	2351.5	2351.5	2351.5	2341.7
5°	2394.3	2391.0	2391.0	2387.8	2384.5	2387.8	2384.5	2381.2	2374.5	2371.2	2361.4
7.5°	2414.0	2414.0	2414.0	2414.0	2410.7	2407.5	2404.2	2397.6	2391.0	2384.5	2377.9
10°	2433.9	2437.1	2433.9	2430.6	2427.3	2420.7	2417.3	2410.7	2400.9	2391.0	2384.5
12.5°	2443.7	2443.7	2440.4	2440.4	2433.9	2430.6	2420.7	2410.7	2400.9	2391.0	2374.5
15°	2440.4	2440.4	2437.1	2433.9	2424.0	2420.7	2414.0	2404.2	2387.8	2374.5	2358.1
17.5°	2420.7	2417.3	2410.7	2410.7	2397.6	2394.3	2387.8	2374.5	2358.1	2338.4	2318.6
20°	2377.9	2377.9	2374.5	2371.2	2358.1	2348.2	2341.7	2325.1	2312.0	2288.9	2269.2
22.5°	2318.6	2325.1	2318.6	2312.0	2295.6	2292.3	2282.3	2262.6	2242.8	2216.5	2193.4
25°	2249.5	2246.1	2242.8	2236.2	2223.1	2216.5	2203.2	2183.5	2163.8	2134.2	2107.8
27.5°	2160.4	2147.3	2147.3	2134.2	2124.3	2114.3	2107.8	2088.1	2061.7	2038.7	2005.7
30°	2038.7	2042.0	2025.4	2022.1	2005.7	1999.1	1985.9	1966.2	1943.1	1916.8	1890.4
32.5°	1906.9	1897.0	1897.0	1883.8	1870.7	1860.7	1857.4	1834.5	1814.6	1788.4	1762.0
35°	1752.1	1752.1	1742.3	1739.0	1725.7	1719.1	1709.3	1696.2	1673.0	1650.1	1630.2
37.5°	1600.6	1594.0	1590.7	1584.1	1574.3	1564.4	1564.4	1541.3	1538.0	1511.6	1485.4
40°	1432.6	1439.3	1432.6	1422.7	1419.4	1412.9	1409.6	1396.5	1386.5	1363.5	1347.0
42.5°	1291.0	1284.4	1284.4	1281.2	1268.0	1268.0	1261.3	1254.8	1238.3	1231.8	1211.9
45°	1146.1	1152.7	1142.9	1146.1	1132.9	1132.9	1132.9	1119.7	1106.6	1096.8	1083.5
47.5°	1021.0	1024.3	1024.3	1014.4	1011.1	1011.1	1004.4	997.9	988.0	974.9	965.0
50°	912.2	915.5	909.0	905.7	899.1	895.8	895.8	882.7	876.0	862.9	856.3
52.5°	813.5	813.5	810.2	810.2	800.3	800.3	793.8	783.8	777.2	770.7	754.2
55°	724.6	724.6	721.3	718.0	718.0	708.1	704.7	694.9	688.3	675.2	665.3
57.5°	638.9	642.2	638.9	635.6	632.4	629.1	622.5	612.5	606.0	596.1	589.5
60°	569.7	569.7	566.4	563.2	556.6	553.3	550.0	543.5	533.5	526.9	517.1
62.5°	503.9	500.6	497.4	494.1	487.4	487.4	480.8	474.2	464.4	457.8	451.3
65°	434.7	434.7	431.4	431.4	428.1	421.6	418.3	415.0	401.8	398.5	385.3
67.5°	372.2	375.5	368.9	368.9	362.2	362.2	358.9	349.1	345.8	339.2	332.7
70°	316.1	316.1	316.1	312.8	306.3	303.0	299.7	293.1	289.8	283.3	276.6
72.5°	260.2	260.2	256.9	256.9	253.6	250.3	247.0	240.5	240.5	233.8	227.2
75°	210.8	210.8	207.5	204.2	200.9	200.9	197.7	194.4	187.7	184.4	181.1
77.5°	161.4	161.4	161.4	158.1	154.8	154.8	154.8	148.1	141.6	141.6	138.3
80°	118.6	118.6	115.3	115.3	112.0	112.0	112.0	108.7	105.3	102.1	98.8
82.5°	79.1	79.1	79.1	79.1	75.8	75.8	75.8	72.5	69.2	69.2	69.2
85°	46.1	46.1	46.1	46.1	42.8	42.8	42.8	42.8	42.8	39.5	39.5
87.5°	19.7	16.4	19.7	16.4	19.7	16.4	19.7	16.4	16.4	16.4	16.4
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: P584659

CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6
2.5°	2344.9	2341.7	2338.4	2335.1	2335.1	2331.7	2325.1	2321.8	2318.6	2315.3	2315.3
5°	2358.1	2354.8	2348.2	2341.7	2338.4	2331.7	2325.1	2318.6	2312.0	2302.1	2298.8
7.5°	2367.9	2358.1	2351.5	2338.4	2335.1	2328.4	2318.6	2308.7	2295.6	2282.3	2272.5
10°	2367.9	2354.8	2344.9	2328.4	2321.8	2315.3	2302.1	2285.6	2269.2	2256.0	2239.5
12.5°	2361.4	2344.9	2328.4	2312.0	2302.1	2292.3	2272.5	2256.0	2236.2	2216.5	2203.2
15°	2338.4	2318.6	2298.8	2279.0	2269.2	2256.0	2236.2	2213.2	2193.4	2173.7	2150.6
17.5°	2295.6	2275.7	2252.7	2229.6	2216.5	2206.6	2177.0	2160.4	2130.9	2111.0	2091.3
20°	2239.5	2216.5	2186.8	2163.8	2147.3	2137.4	2114.3	2084.8	2061.7	2032.0	2012.3
22.5°	2167.1	2137.4	2107.8	2084.8	2068.2	2055.1	2025.4	1995.9	1976.0	1949.8	1926.7
25°	2081.5	2051.8	2022.1	1989.2	1972.8	1959.6	1933.2	1906.9	1880.6	1850.9	1831.2
27.5°	1979.3	1946.4	1920.1	1890.4	1874.0	1854.2	1824.6	1798.2	1771.8	1752.1	1725.7
30°	1867.4	1831.2	1804.8	1775.1	1758.7	1742.3	1712.6	1686.2	1663.2	1640.1	1627.0
32.5°	1732.3	1706.0	1679.6	1650.1	1636.8	1627.0	1597.3	1571.0	1544.6	1524.9	1514.9
35°	1603.8	1574.3	1551.2	1524.9	1508.4	1498.5	1472.1	1449.1	1436.0	1412.9	1399.7
37.5°	1468.8	1445.8	1419.4	1393.2	1383.2	1373.3	1353.6	1330.5	1310.8	1294.3	1287.7
40°	1327.2	1307.5	1284.4	1268.0	1258.0	1248.2	1231.8	1215.2	1202.1	1185.7	1179.1
42.5°	1192.2	1179.1	1159.3	1139.6	1129.6	1126.3	1106.6	1093.5	1086.8	1080.2	1073.6
45°	1070.4	1050.7	1037.4	1024.3	1014.4	1007.8	997.9	988.0	981.4	974.9	968.3
47.5°	951.8	935.4	922.2	912.2	902.4	899.1	892.5	882.7	876.0	876.0	876.0
50°	843.2	829.9	816.8	810.2	806.9	800.3	793.8	790.4	787.1	787.1	787.1
52.5°	747.6	734.4	724.6	718.0	718.0	711.4	704.7	701.5	701.5	701.5	701.5
55°	658.6	648.8	642.2	635.6	629.1	625.8	625.8	625.8	622.5	622.5	625.8
57.5°	579.7	573.0	563.2	556.6	553.3	553.3	550.0	546.7	550.0	553.3	556.6
60°	507.2	500.6	497.4	487.4	487.4	487.4	484.1	484.1	484.1	487.4	490.7
62.5°	441.3	438.0	431.4	428.1	424.9	424.9	421.6	421.6	421.6	421.6	424.9
65°	382.0	375.5	368.9	368.9	368.9	365.6	365.6	358.9	362.2	362.2	358.9
67.5°	326.1	319.4	316.1	312.8	309.6	309.6	306.3	303.0	299.7	299.7	299.7
70°	273.3	266.7	266.7	260.2	260.2	256.9	253.6	253.6	250.3	247.0	243.7
72.5°	220.6	217.4	214.1	210.8	210.8	210.8	207.5	204.2	200.9	197.7	191.0
75°	174.5	174.5	168.0	164.7	164.7	161.4	158.1	154.8	151.6	148.1	144.9
77.5°	135.0	131.7	125.2	121.9	121.9	121.9	118.6	115.3	112.0	108.7	105.3
80°	98.8	95.5	92.2	88.9	88.9	88.9	85.6	85.6	82.3	82.3	82.3
82.5°	65.9	65.9	62.5	62.5	62.5	62.5	59.2	59.2	59.2	59.2	59.2
85°	39.5	39.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
87.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
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: P584659

CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6
2.5°	2308.7	2308.7	2302.1	2298.8	2295.6	2298.8	2292.3	2288.9	2285.6	2285.6	2282.3
5°	2288.9	2285.6	2272.5	2269.2	2265.9	2262.6	2256.0	2249.5	2242.8	2239.5	2236.2
7.5°	2262.6	2252.7	2239.5	2236.2	2232.9	2223.1	2213.2	2206.6	2196.7	2193.4	2186.8
10°	2226.4	2213.2	2203.2	2193.4	2186.8	2177.0	2167.1	2157.1	2144.0	2140.7	2130.9
12.5°	2183.5	2167.1	2147.3	2144.0	2134.2	2121.0	2107.8	2097.9	2088.1	2081.5	2071.5
15°	2130.9	2114.3	2094.6	2084.8	2074.8	2064.9	2048.5	2035.4	2025.4	2015.6	2005.7
17.5°	2068.2	2048.5	2032.0	2022.1	2015.6	1999.1	1985.9	1969.5	1959.6	1949.8	1939.8
20°	1992.6	1976.0	1953.0	1943.1	1939.8	1926.7	1910.2	1903.5	1890.4	1880.6	1874.0
22.5°	1906.9	1890.4	1870.7	1864.1	1850.9	1844.3	1827.9	1821.3	1814.6	1804.8	1801.5
25°	1811.3	1794.9	1778.5	1775.1	1765.2	1758.7	1748.8	1739.0	1739.0	1729.0	1729.0
27.5°	1712.6	1696.2	1682.9	1676.3	1673.0	1666.5	1656.6	1653.3	1650.1	1646.7	1646.7
30°	1607.2	1587.4	1580.9	1577.6	1574.3	1567.7	1564.4	1557.7	1561.0	1564.4	1561.0
32.5°	1495.2	1488.7	1475.4	1468.8	1472.1	1468.8	1462.3	1468.8	1465.5	1472.1	1475.4
35°	1386.5	1379.9	1373.3	1373.3	1366.8	1366.8	1366.8	1370.1	1376.6	1379.9	1386.5
37.5°	1281.2	1271.3	1268.0	1264.7	1268.0	1268.0	1268.0	1274.6	1281.2	1287.7	1297.6
40°	1169.1	1162.6	1162.6	1162.6	1162.6	1172.4	1169.1	1175.7	1182.4	1192.2	1202.1
42.5°	1063.8	1063.8	1067.1	1067.1	1067.1	1067.1	1073.6	1083.5	1093.5	1103.3	1113.2
45°	965.0	965.0	965.0	971.6	971.6	974.9	988.0	994.6	1001.2	1011.1	1021.0
47.5°	872.7	872.7	876.0	879.4	882.7	889.3	895.8	905.7	915.5	922.2	932.1
50°	787.1	790.4	797.1	803.6	803.6	806.9	816.8	823.3	829.9	839.9	843.2
52.5°	704.7	711.4	718.0	721.3	724.6	731.1	734.4	744.3	747.6	757.5	760.8
55°	629.1	632.4	642.2	645.5	645.5	652.1	658.6	665.3	675.2	675.2	681.7
57.5°	559.9	563.2	569.7	573.0	569.7	579.7	583.0	589.5	592.8	599.4	602.7
60°	490.7	497.4	500.6	500.6	503.9	507.2	513.8	513.8	520.3	526.9	526.9
62.5°	424.9	428.1	431.4	434.7	438.0	434.7	444.6	444.6	451.3	454.5	461.1
65°	362.2	365.6	365.6	368.9	368.9	372.2	372.2	375.5	378.8	385.3	388.6
67.5°	299.7	299.7	299.7	303.0	299.7	303.0	303.0	306.3	306.3	312.8	316.1
70°	243.7	240.5	237.2	237.2	237.2	237.2	233.8	237.2	237.2	240.5	240.5
72.5°	187.7	184.4	181.1	177.8	177.8	174.5	171.3	174.5	174.5	177.8	177.8
75°	141.6	135.0	135.0	135.0	131.7	131.7	131.7	135.0	135.0	135.0	138.3
77.5°	105.3	105.3	102.1	102.1	102.1	105.3	105.3	108.7	108.7	108.7	108.7
80°	79.1	82.3	82.3	82.3	82.3	85.6	85.6	85.6	85.6	88.9	88.9
82.5°	59.2	59.2	59.2	59.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5
85°	36.2	39.5	39.5	36.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5
87.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
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: P584659

CATALOG NUMBER: HCC8S45D010BZ-HM82555827-81WWWB

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6	2318.6
2.5°	2279.0	2279.0	2279.0	2279.0	2275.7	2275.7	2275.7	2272.5
5°	2229.6	2229.6	2229.6	2223.1	2226.4	2226.4	2219.8	2223.1
7.5°	2180.3	2177.0	2173.7	2173.7	2170.4	2167.1	2163.8	2167.1
10°	2124.3	2114.3	2114.3	2111.0	2111.0	2104.5	2104.5	2107.8
12.5°	2061.7	2055.1	2055.1	2051.8	2048.5	2045.2	2042.0	2042.0
15°	1999.1	1992.6	1989.2	1985.9	1982.6	1976.0	1979.3	1976.0
17.5°	1936.5	1926.7	1926.7	1923.4	1920.1	1913.5	1913.5	1910.2
20°	1864.1	1860.7	1854.2	1857.4	1854.2	1847.6	1844.3	1844.3
22.5°	1791.6	1791.6	1788.4	1788.4	1785.1	1781.8	1778.5	1778.5
25°	1722.4	1719.1	1722.4	1722.4	1712.6	1712.6	1712.6	1715.9
27.5°	1643.4	1646.7	1643.4	1643.4	1643.4	1643.4	1646.7	1643.4
30°	1564.4	1564.4	1564.4	1567.7	1574.3	1571.0	1571.0	1567.7
32.5°	1478.8	1482.1	1482.1	1485.4	1488.7	1495.2	1495.2	1498.5
35°	1393.2	1399.7	1403.0	1399.7	1409.6	1409.6	1416.2	1416.2
37.5°	1304.1	1307.5	1314.1	1317.4	1324.0	1327.2	1330.5	1330.5
40°	1208.7	1221.9	1225.2	1228.5	1238.3	1238.3	1241.6	1248.2
42.5°	1119.7	1132.9	1136.3	1139.6	1146.1	1156.0	1152.7	1159.3
45°	1034.1	1044.0	1047.3	1050.7	1060.5	1063.8	1063.8	1073.6
47.5°	941.9	948.5	951.8	958.3	965.0	971.6	978.2	974.9
50°	849.7	859.6	866.1	869.4	879.4	882.7	886.0	889.3
52.5°	767.4	773.9	777.2	780.5	790.4	793.8	797.1	803.6
55°	688.3	691.6	698.2	694.9	704.7	708.1	711.4	718.0
57.5°	609.3	612.5	615.8	615.8	622.5	629.1	632.4	635.6
60°	533.5	540.2	543.5	543.5	543.5	550.0	550.0	550.0
62.5°	464.4	464.4	467.7	467.7	474.2	474.2	474.2	474.2
65°	391.9	395.2	398.5	398.5	405.0	401.8	408.4	405.0
67.5°	316.1	316.1	322.8	322.8	319.4	322.8	322.8	322.8
70°	240.5	240.5	243.7	243.7	243.7	243.7	243.7	243.7
72.5°	177.8	177.8	177.8	181.1	177.8	177.8	181.1	177.8
75°	138.3	138.3	138.3	138.3	138.3	138.3	138.3	138.3
77.5°	108.7	108.7	112.0	112.0	112.0	112.0	112.0	112.0
80°	88.9	88.9	88.9	88.9	92.2	88.9	88.9	88.9
82.5°	65.9	62.5	65.9	62.5	65.9	65.9	65.9	65.9
85°	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
87.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
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)