

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: P584743

Luminaire Tested: **HCC8S45D010BZ-HM82555930-81WWW**

Issue Date: 10/21/2021

Test Information

Test Method: LM-41-14
Report Number: P584743
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: HCC8S45D010BZ-HM82555930-81WWW
Description: HALO COMMERCIAL 8" ROUND, NEW CONSTRUCTION FRAME, WITH 8" WALLWASH DISTRIBUTION, WHITE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
CYLINDER
Ballast/Driver: ELECTRONIC DRIVER

Summary

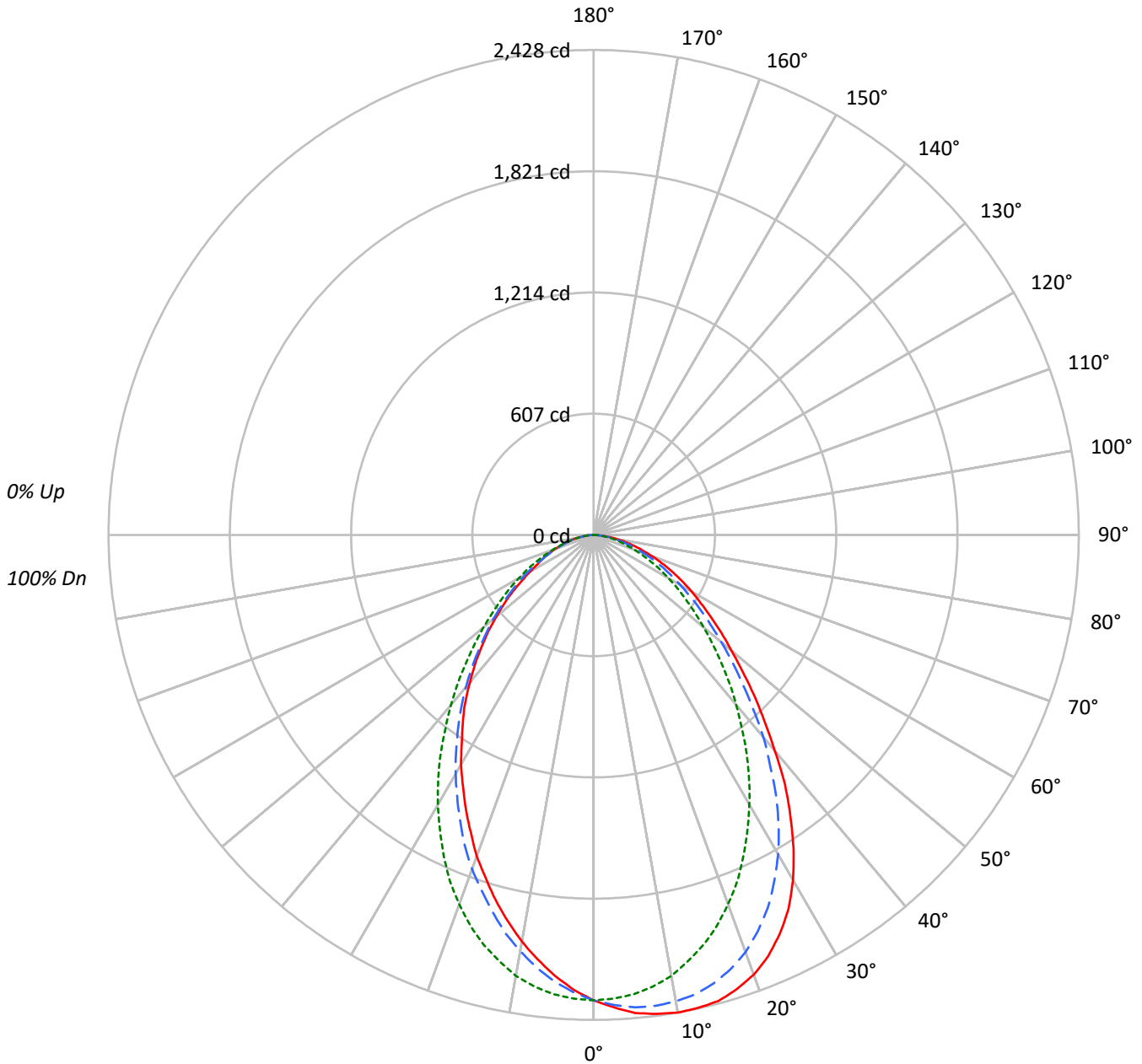
Lumens per Lamp: N/A
Luminaire Lumens: 4300.3 lumens
Efficiency: N/A
Efficacy: 97.7 lumens/watt
Spacing Criteria (0/90/45): 1.09 / 1.04 / 1.13
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P584743
CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

Luminous Intensity Polar Plot



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



TEST NUMBER: P584743

CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	71849	71849	71849
5°	74377	71442	68604
10°	76029	70189	64741
15°	77109	67823	60458
20°	76876	64531	56131
25°	74976	60349	51523
30°	71032	55500	47279
35°	64624	50225	42963
40°	56762	44670	38817
45°	49496	39296	34604
50°	43075	34425	30487
55°	38413	30257	26515
60°	34907	26519	22622
65°	31375	23064	20532
70°	27931	19673	18528
75°	24484	16573	15822
80°	20759	13478	14047
85°	15638	10084	11216



TEST NUMBER: P584743
 CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.2	5.1
10°-20°	601.3	14.0
20°-30°	834.7	19.4
30°-40°	863.0	20.1
40°-50°	722.6	16.8
50°-60°	524.6	12.2
60°-70°	331.0	7.7
70°-80°	164.0	3.8
80°-90°	40.8	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°	1654.3	38.5
0°-40°	2517.3	58.5
0°-60°	3764.5	87.5
0°-90°	4300.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4300.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2330	2330	2330	2330	2330	
5°	2403	2374	2308	2245	2216	230
15°	2415	2324	2124	1954	1894	680
25°	2204	2061	1774	1581	1514	1010
35°	1717	1590	1334	1182	1141	1069
45°	1135	1053	901	812	794	878
55°	714	651	563	515	493	645
65°	430	376	316	278	281	429
75°	206	171	139	133	133	220
85°	44	35	28	32	32	54
90°	0	0	0	0	0	

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



TEST NUMBER: P584743

CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0
2.5°	2368.1	2368.1	2371.2	2368.1	2368.1	2368.1	2364.9	2364.9	2361.7	2361.7	2355.4
5°	2402.8	2396.4	2402.8	2396.4	2396.4	2396.4	2393.3	2386.9	2383.8	2377.6	2374.4
7.5°	2418.6	2415.4	2415.4	2412.3	2412.3	2409.1	2405.9	2402.8	2390.1	2386.9	2377.6
10°	2428.1	2424.9	2424.9	2421.8	2415.4	2415.4	2409.1	2405.9	2390.1	2383.8	2371.2
12.5°	2424.9	2424.9	2424.9	2421.8	2412.3	2409.1	2402.8	2393.3	2380.7	2368.1	2355.4
15°	2415.4	2415.4	2409.1	2405.9	2396.4	2390.1	2386.9	2371.2	2358.6	2342.7	2323.7
17.5°	2383.8	2383.8	2380.7	2374.4	2364.9	2358.6	2352.2	2336.4	2323.7	2298.5	2279.5
20°	2342.7	2339.5	2336.4	2326.9	2317.4	2314.3	2304.8	2282.7	2266.8	2247.9	2222.6
22.5°	2282.7	2279.5	2276.3	2270.0	2254.2	2247.9	2241.6	2225.8	2197.3	2178.4	2146.7
25°	2203.6	2203.6	2197.3	2187.8	2172.0	2165.7	2156.2	2140.4	2115.0	2086.6	2061.3
27.5°	2112.0	2108.8	2099.3	2093.0	2080.3	2070.8	2055.0	2036.1	2010.8	1988.6	1957.0
30°	1994.9	1994.9	1988.6	1979.2	1963.4	1957.0	1944.4	1922.2	1897.0	1868.5	1846.3
32.5°	1862.1	1862.1	1852.6	1846.3	1836.9	1821.1	1817.9	1792.6	1770.5	1748.4	1723.0
35°	1716.7	1719.9	1713.5	1701.0	1685.1	1685.1	1678.8	1656.6	1631.4	1609.2	1590.2
37.5°	1571.4	1561.8	1558.7	1552.3	1542.8	1530.2	1523.8	1514.3	1492.3	1476.5	1448.0
40°	1410.1	1413.2	1406.9	1400.6	1397.4	1387.9	1384.7	1369.0	1353.2	1334.2	1321.5
42.5°	1264.6	1264.6	1264.6	1258.3	1251.9	1242.4	1239.4	1229.9	1210.9	1198.2	1179.2
45°	1135.0	1125.5	1125.5	1122.3	1119.2	1112.8	1103.4	1097.1	1084.4	1074.9	1052.8
47.5°	1008.5	1011.7	1008.5	1005.4	995.9	992.7	989.5	976.9	964.3	954.8	939.0
50°	897.9	904.3	897.9	897.9	891.6	888.4	882.1	872.6	863.1	847.3	831.5
52.5°	806.2	806.2	803.0	799.9	790.4	784.0	780.9	777.7	762.0	749.3	736.6
55°	714.5	717.6	717.6	708.1	705.0	698.8	695.6	686.1	679.8	660.8	651.2
57.5°	635.5	632.4	635.5	629.2	622.9	616.5	613.4	607.0	597.5	584.9	572.2
60°	566.0	559.6	559.6	556.5	550.1	547.0	540.6	531.1	521.6	509.0	499.6
62.5°	496.4	493.2	490.1	486.9	480.6	477.4	474.2	464.7	455.2	445.7	436.2
65°	430.0	430.0	426.9	420.5	417.4	414.2	411.0	404.7	392.0	385.7	376.2
67.5°	369.8	366.8	366.8	360.5	354.1	351.0	351.0	344.6	335.1	325.6	319.3
70°	309.8	313.0	309.8	306.6	300.4	300.4	294.1	290.9	278.2	275.1	265.6
72.5°	256.1	256.1	252.9	252.9	246.6	243.4	243.4	237.1	230.8	224.5	218.2
75°	205.5	205.5	205.5	202.3	199.2	192.8	192.8	189.7	183.3	177.0	170.7
77.5°	161.3	158.1	158.1	155.0	151.8	148.6	148.6	145.5	139.1	136.0	129.6
80°	116.9	113.8	113.8	113.8	107.4	110.6	107.4	104.3	101.1	98.1	94.9
82.5°	75.9	79.1	79.1	75.9	72.7	72.7	72.7	69.6	69.6	66.4	63.2
85°	44.2	44.2	44.2	44.2	41.1	41.1	41.1	37.9	37.9	37.9	34.7
87.5°	19.0	19.0	19.0	19.0	19.0	19.0	15.8	15.8	15.8	15.8	15.8
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



TEST NUMBER: P584743

CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0
2.5°	2355.4	2349.0	2345.9	2342.7	2342.7	2339.5	2336.4	2330.0	2330.0	2323.7	2320.5
5°	2368.1	2358.6	2352.2	2345.9	2342.7	2336.4	2330.0	2320.5	2317.4	2308.0	2298.5
7.5°	2371.2	2355.4	2349.0	2336.4	2330.0	2323.7	2311.2	2301.7	2289.0	2279.5	2266.8
10°	2358.6	2345.9	2330.0	2314.3	2311.2	2301.7	2282.7	2270.0	2254.2	2241.6	2222.6
12.5°	2339.5	2320.5	2304.8	2285.8	2276.3	2266.8	2247.9	2228.9	2206.8	2184.6	2165.7
15°	2308.0	2285.8	2263.7	2241.6	2228.9	2219.4	2197.3	2175.2	2153.0	2124.5	2105.7
17.5°	2260.5	2235.3	2213.1	2184.6	2172.0	2162.5	2134.0	2108.8	2080.3	2051.8	2032.9
20°	2200.4	2168.9	2143.5	2112.0	2102.5	2086.6	2058.1	2029.8	1998.1	1966.5	1944.4
22.5°	2121.4	2089.8	2061.3	2029.8	2013.9	1998.1	1969.7	1934.9	1903.3	1878.0	1855.8
25°	2029.8	2001.3	1966.5	1938.0	1919.0	1900.1	1868.5	1840.1	1811.6	1773.7	1751.5
27.5°	1928.5	1893.8	1868.5	1830.6	1811.6	1798.9	1764.2	1726.2	1701.0	1666.1	1640.9
30°	1814.7	1783.1	1754.7	1716.7	1697.8	1685.1	1653.5	1618.7	1593.4	1558.7	1533.3
32.5°	1694.6	1659.8	1625.1	1599.7	1577.6	1565.0	1530.2	1508.1	1476.5	1448.0	1419.6
35°	1565.0	1530.2	1505.0	1470.1	1457.5	1444.8	1416.4	1387.9	1359.5	1334.2	1312.0
37.5°	1425.9	1400.6	1372.2	1346.8	1337.3	1324.7	1289.9	1264.6	1242.4	1217.2	1198.2
40°	1289.9	1267.8	1248.8	1223.6	1207.7	1198.2	1173.0	1150.8	1125.5	1109.7	1090.8
42.5°	1166.7	1141.3	1122.3	1103.4	1087.6	1078.1	1055.9	1040.2	1021.2	1005.4	983.2
45°	1037.0	1024.4	1002.2	986.4	976.9	964.3	948.5	929.5	913.6	901.1	885.3
47.5°	923.2	910.5	894.8	875.8	869.4	859.9	844.1	831.5	818.9	806.2	790.4
50°	818.9	803.0	790.4	777.7	771.5	762.0	746.1	739.8	730.3	717.6	708.1
52.5°	724.0	711.3	698.8	682.9	679.8	673.4	663.9	651.2	641.7	635.5	629.2
55°	638.6	626.0	616.5	603.9	600.7	594.4	581.7	575.4	569.1	562.8	556.5
57.5°	562.8	550.1	537.5	531.1	524.8	518.5	515.3	505.8	499.6	496.4	490.1
60°	493.2	480.6	471.1	461.6	458.4	455.2	448.9	442.6	436.2	430.0	426.9
62.5°	426.9	414.2	407.9	401.5	395.2	395.2	388.8	382.5	376.2	373.0	366.8
65°	366.8	360.5	351.0	341.5	338.3	338.3	328.8	325.6	322.5	316.1	309.8
67.5°	309.8	303.5	294.1	290.9	287.7	284.6	281.4	275.1	268.7	265.6	259.2
70°	259.2	252.9	246.6	243.4	240.2	237.1	230.8	227.7	221.3	218.2	215.0
72.5°	208.7	205.5	199.2	196.0	192.8	189.7	186.5	183.3	177.0	173.8	170.7
75°	167.6	164.5	158.1	155.0	151.8	151.8	148.6	142.3	139.1	139.1	136.0
77.5°	126.4	123.3	120.1	116.9	113.8	113.8	110.6	107.4	104.3	104.3	101.1
80°	91.7	88.6	85.4	85.4	85.4	82.2	79.1	79.1	75.9	75.9	72.7
82.5°	60.1	60.1	56.9	56.9	56.9	53.7	53.7	50.6	50.6	50.6	50.6
85°	34.7	34.7	34.7	31.7	31.7	31.7	31.7	31.7	31.7	28.5	31.7
87.5°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	12.7	12.7	12.7
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: P584743

CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0
2.5°	2317.4	2314.3	2308.0	2308.0	2301.7	2301.7	2298.5	2295.3	2292.2	2289.0	2285.8
5°	2295.3	2282.7	2276.3	2273.2	2266.8	2263.7	2254.2	2247.9	2244.8	2238.4	2232.1
7.5°	2254.2	2241.6	2228.9	2225.8	2222.6	2209.9	2200.4	2190.9	2184.6	2178.4	2172.0
10°	2206.8	2194.1	2178.4	2172.0	2165.7	2149.9	2137.2	2127.7	2115.0	2102.5	2099.3
12.5°	2149.9	2130.9	2112.0	2105.7	2096.2	2080.3	2067.6	2051.8	2042.4	2026.6	2023.4
15°	2083.5	2061.3	2045.6	2029.8	2023.4	2007.6	1985.4	1972.9	1953.9	1947.5	1931.7
17.5°	2004.4	1982.3	1960.2	1953.9	1944.4	1922.2	1900.1	1884.3	1865.3	1855.8	1846.3
20°	1922.2	1893.8	1871.6	1865.3	1852.6	1833.8	1811.6	1795.7	1779.9	1761.0	1751.5
22.5°	1827.4	1795.7	1776.9	1761.0	1757.9	1735.7	1710.5	1697.8	1685.1	1669.3	1656.6
25°	1723.0	1694.6	1672.5	1659.8	1653.5	1634.6	1615.6	1599.7	1580.7	1571.4	1555.5
27.5°	1615.6	1596.6	1568.2	1555.5	1546.0	1530.2	1508.1	1498.6	1479.6	1467.0	1457.5
30°	1511.2	1482.8	1467.0	1451.1	1441.7	1425.9	1406.9	1397.4	1381.6	1369.0	1359.5
32.5°	1397.4	1378.4	1356.3	1350.0	1337.3	1321.5	1308.8	1293.1	1280.4	1267.8	1264.6
35°	1293.1	1267.8	1245.6	1239.4	1229.9	1214.1	1207.7	1198.2	1182.4	1179.2	1166.7
37.5°	1179.2	1166.7	1141.3	1131.8	1128.7	1116.0	1103.4	1097.1	1087.6	1078.1	1074.9
40°	1071.8	1055.9	1043.3	1033.9	1027.5	1018.0	1005.4	1002.2	995.9	983.2	980.0
42.5°	970.7	954.8	942.2	939.0	929.5	920.0	913.6	904.3	901.1	897.9	891.6
45°	872.6	863.1	850.4	847.3	844.1	831.5	825.2	818.9	812.5	809.4	803.0
47.5°	784.0	774.5	765.1	762.0	755.6	752.5	743.0	739.8	730.3	727.1	724.0
50°	698.8	692.4	686.1	682.9	676.6	673.4	667.1	660.8	654.4	651.2	648.1
52.5°	622.9	616.5	610.2	607.0	603.9	597.5	591.2	584.9	581.7	578.5	575.4
55°	550.1	543.8	540.6	537.5	534.3	531.1	521.6	518.5	515.3	512.1	505.8
57.5°	483.7	477.4	471.1	471.1	467.9	464.7	458.4	452.1	452.1	445.7	439.4
60°	423.7	417.4	411.0	407.9	404.7	398.4	395.2	392.0	388.8	385.7	379.3
62.5°	360.5	357.3	351.0	351.0	344.6	341.5	338.3	335.1	332.0	325.6	322.5
65°	306.6	303.5	297.2	294.1	294.1	290.9	284.6	281.4	278.2	278.2	275.1
67.5°	256.1	252.9	246.6	243.4	243.4	240.2	237.1	237.1	234.0	230.8	234.0
70°	211.8	205.5	205.5	202.3	202.3	199.2	196.0	196.0	196.0	199.2	199.2
72.5°	167.6	164.5	161.3	161.3	161.3	161.3	158.1	158.1	161.3	164.5	164.5
75°	132.8	129.6	129.6	129.6	126.4	126.4	129.6	129.6	132.8	132.8	132.8
77.5°	98.1	98.1	98.1	98.1	98.1	98.1	101.1	101.1	104.3	104.3	104.3
80°	72.7	72.7	72.7	72.7	72.7	75.9	75.9	75.9	75.9	75.9	79.1
82.5°	50.6	50.6	50.6	50.6	50.6	50.6	50.6	53.7	53.7	53.7	53.7
85°	28.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
87.5°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
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: P584743

CATALOG NUMBER: HCC8S45D010BZ-HM82555930-81WWW

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0	2330.0
2.5°	2282.7	2282.7	2282.7	2285.8	2279.5	2279.5	2279.5	2279.5
5°	2228.9	2225.8	2222.6	2225.8	2219.4	2219.4	2216.3	2216.3
7.5°	2162.5	2159.4	2156.2	2156.2	2149.9	2149.9	2146.7	2143.5
10°	2089.8	2083.5	2086.6	2080.3	2077.1	2074.0	2070.8	2067.6
12.5°	2010.8	2004.4	2001.3	1994.9	1988.6	1985.4	1988.6	1982.3
15°	1925.4	1915.9	1912.7	1906.5	1900.1	1897.0	1897.0	1893.8
17.5°	1830.6	1824.2	1821.1	1814.7	1811.6	1805.2	1802.1	1798.9
20°	1742.0	1726.2	1729.4	1723.0	1719.9	1707.3	1707.3	1710.5
22.5°	1644.1	1634.6	1628.2	1621.9	1618.7	1612.4	1612.4	1609.2
25°	1546.0	1536.5	1533.3	1527.0	1523.8	1517.5	1514.3	1514.3
27.5°	1451.1	1438.6	1438.6	1432.2	1425.9	1422.7	1419.6	1416.4
30°	1350.0	1340.5	1337.3	1337.3	1334.2	1334.2	1324.7	1327.8
32.5°	1255.1	1248.8	1245.6	1239.4	1239.4	1236.2	1236.2	1226.7
35°	1160.3	1150.8	1154.0	1147.7	1144.5	1141.3	1144.5	1141.3
37.5°	1068.6	1062.3	1062.3	1055.9	1055.9	1052.8	1049.6	1055.9
40°	976.9	973.7	970.7	967.5	970.7	967.5	961.2	964.3
42.5°	885.3	885.3	882.1	882.1	878.9	878.9	878.9	878.9
45°	803.0	799.9	799.9	796.7	796.7	796.7	796.7	793.5
47.5°	720.8	717.6	717.6	717.6	714.5	714.5	711.3	714.5
50°	641.7	641.7	638.6	638.6	641.7	638.6	635.5	635.5
52.5°	569.1	569.1	566.0	566.0	562.8	559.6	562.8	562.8
55°	502.7	499.6	496.4	496.4	493.2	490.1	490.1	493.2
57.5°	439.4	436.2	433.2	433.2	426.9	423.7	423.7	423.7
60°	379.3	373.0	373.0	369.8	369.8	366.8	366.8	366.8
62.5°	322.5	319.3	319.3	319.3	319.3	316.1	316.1	316.1
65°	275.1	275.1	275.1	278.2	278.2	281.4	281.4	281.4
67.5°	237.1	240.2	240.2	240.2	243.4	243.4	243.4	240.2
70°	202.3	202.3	202.3	205.5	205.5	205.5	205.5	205.5
72.5°	167.6	167.6	167.6	167.6	167.6	167.6	167.6	167.6
75°	132.8	136.0	136.0	136.0	132.8	136.0	136.0	132.8
77.5°	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3
80°	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
82.5°	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
85°	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
87.5°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
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)