

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

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P895728

Luminaire Tested: **RLWZC612-3000K**

Issue Date: 11/14/2024

Tested By:

Approved By:



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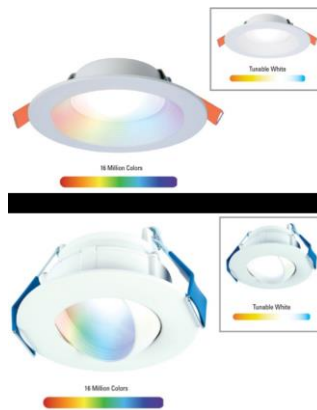
Test Information

Test Method: LM-79-08
 Report Number: P895728
 Test Lab:
 Issue Date: 11/14/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: RLWZC612-3000K
 Description: 6IN DM WIZ SELECTABLE CCT
 Light Source: WIZ SELECTABLE 90CRI / 3000K CCT
 Ballast/Driver: -

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 1270.0 lumens
 Efficiency: N/A
 Efficacy: 100.0 lumens/watt
 Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
 Luminous Opening: Circular (Dia: 0.5' x H: 0')
 CIE Type: Direct

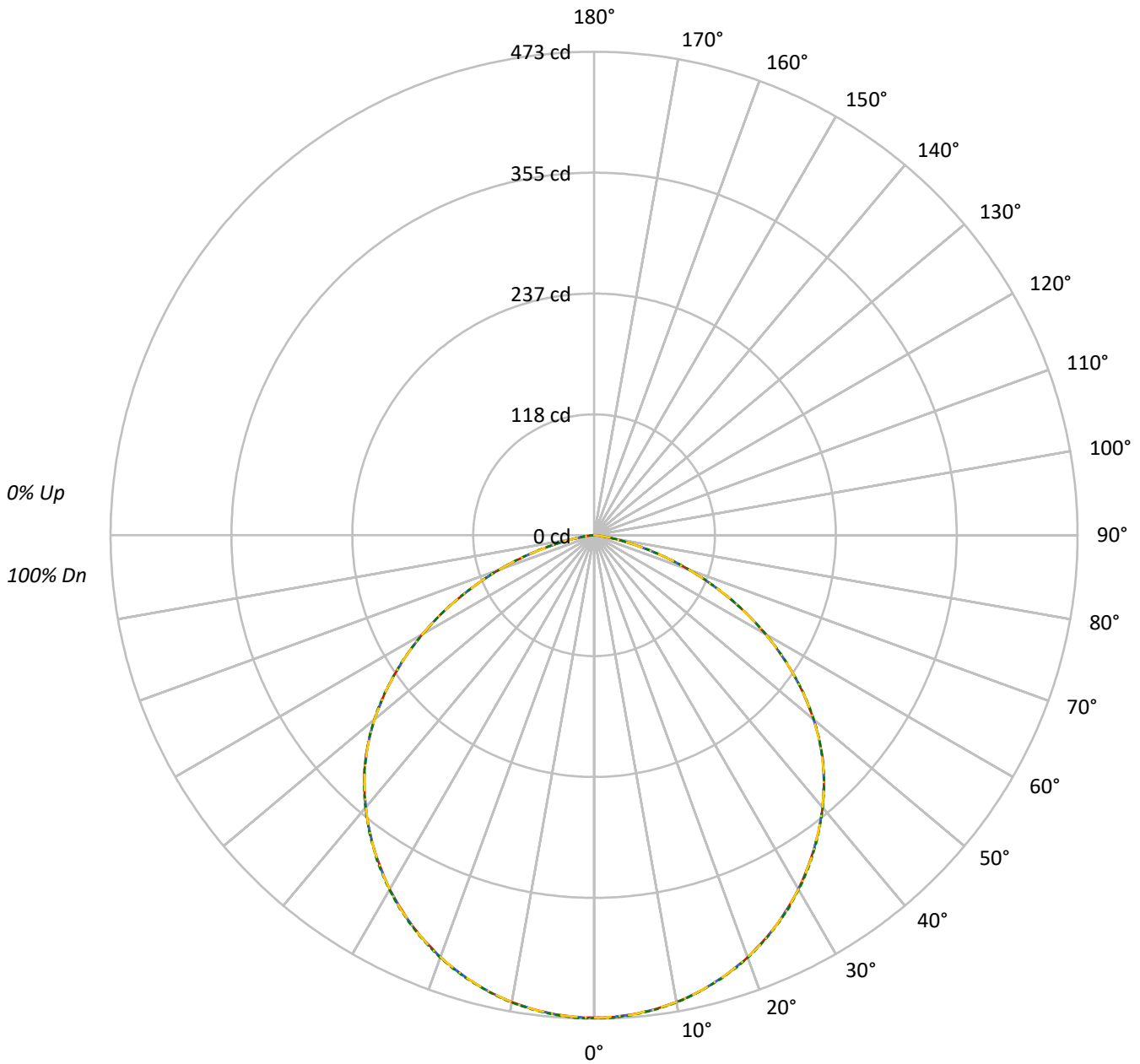
Input Watts (W): 12.7
 Input Voltage (V): NR
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT



Measurements		Calibration Due Date	
Instrument	Identification		
Photometer	GONIO 1 11111111	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°

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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	49	75	64	55	49	61	54	49	59	53	48	58	52	48	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	25881	25881	25881	25881
5°	25858	25880	25858	25880
10°	25812	25846	25812	25846
15°	25727	25755	25727	25755
20°	25634	25657	25634	25657
25°	25477	25501	25477	25501
30°	25301	25346	25301	25346
35°	25089	25130	25089	25130
40°	24882	24911	24882	24911
45°	24561	24561	24561	24561
50°	23914	23957	23914	23957
55°	22824	22871	22824	22871
60°	21259	21303	21259	21303
65°	19016	19094	19016	19094
70°	15804	15964	15804	15964
75°	11459	11734	11459	11734
80°	6125	6756	6125	6756
85°	3208	3334	3208	3334

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	3.5
10°-20°	128.0	10.1
20°-30°	194.2	15.3
30°-40°	234.7	18.5
40°-50°	243.8	19.2
50°-60°	213.0	16.8
60°-70°	144.9	11.4
70°-80°	59.2	4.7
80°-90°	7.4	0.6
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°	366.9	28.9
0°-40°	601.7	47.4
0°-60°	1058.5	83.3
0°-90°	1270.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1270.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	472	472	472	472	472	
5°	470	470	470	470	470	45
15°	453	454	453	454	453	128
25°	421	422	421	422	421	194
35°	375	376	375	376	375	235
45°	317	317	317	317	317	244
55°	239	239	239	239	239	213
65°	147	147	147	147	147	145
75°	54	55	54	55	54	59
85°	5	5	5	5	5	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	472.1	472.1	472.1	472.1	472.1	472.1	472.1	472.1	472.1	472.1	472.1
0.5°	471.9	472.0	472.0	472.2	472.8	472.2	472.0	472.0	471.9	472.0	472.0
1°	472.0	472.0	472.0	472.2	472.7	472.2	472.0	472.0	472.0	472.0	472.0
1.5°	471.8	472.0	471.9	471.9	472.7	471.9	471.9	472.0	471.8	472.0	471.9
2°	471.8	471.8	471.6	471.7	472.5	471.7	471.6	471.8	471.8	471.8	471.6
2.5°	471.6	471.6	471.4	471.4	472.4	471.4	471.4	471.6	471.6	471.6	471.4
3°	471.3	471.4	471.2	471.2	471.9	471.2	471.2	471.4	471.3	471.4	471.2
3.5°	470.9	471.2	471.0	470.9	471.4	470.9	471.0	471.2	470.9	471.2	471.0
4°	470.5	471.1	470.7	470.7	471.2	470.7	470.7	471.1	470.5	471.1	470.7
4.5°	470.3	470.5	470.5	470.4	470.9	470.4	470.5	470.5	470.3	470.5	470.5
5°	469.9	470.2	470.1	470.1	470.3	470.1	470.1	470.2	469.9	470.2	470.1
5.5°	469.4	469.8	469.5	469.7	469.9	469.7	469.5	469.8	469.4	469.8	469.5
6°	468.9	469.3	468.9	469.2	469.4	469.2	468.9	469.3	468.9	469.3	468.9
6.5°	468.3	468.8	468.4	468.5	468.9	468.5	468.4	468.8	468.3	468.8	468.4
7°	467.8	468.2	468.0	468.0	468.3	468.0	468.0	468.2	467.8	468.2	468.0
7.5°	467.3	467.5	467.3	467.6	467.8	467.6	467.3	467.5	467.3	467.5	467.3
8°	466.6	467.0	466.6	467.0	467.0	467.0	466.6	467.0	466.6	467.0	466.6
8.5°	465.9	466.1	465.9	466.0	466.4	466.0	465.9	466.1	465.9	466.1	465.9
9°	465.1	465.4	465.3	465.3	465.9	465.3	465.3	465.4	465.1	465.4	465.3
9.5°	464.4	464.6	464.4	464.7	465.0	464.7	464.4	464.6	464.4	464.6	464.4
10°	463.7	463.8	463.7	463.8	464.3	463.8	463.7	463.8	463.7	463.8	463.7
10.5°	462.8	463.0	462.9	462.8	463.3	462.8	462.9	463.0	462.8	463.0	462.9
11°	462.1	462.2	461.9	462.0	462.5	462.0	461.9	462.2	462.1	462.2	461.9
11.5°	461.1	461.1	460.9	461.2	461.4	461.2	460.9	461.1	461.1	461.1	460.9
12°	460.2	460.1	459.8	460.2	460.5	460.2	459.8	460.1	460.2	460.1	459.8
12.5°	459.1	459.0	459.0	459.1	459.4	459.1	459.0	459.0	459.1	459.0	459.0
13°	458.1	458.0	457.9	458.1	458.4	458.1	457.9	458.0	458.1	458.0	457.9
13.5°	456.9	457.1	456.9	456.9	457.3	456.9	456.9	457.1	456.9	457.1	456.9
14°	455.8	456.0	455.6	455.7	456.0	455.7	455.6	456.0	455.8	456.0	455.6
14.5°	454.5	454.9	454.5	454.9	454.8	454.9	454.5	454.9	454.5	454.9	454.5
15°	453.3	453.4	453.2	453.8	453.8	453.8	453.2	453.4	453.3	453.4	453.2
15.5°	452.1	452.5	452.1	452.5	452.4	452.5	452.1	452.5	452.1	452.5	452.1
16°	451.0	451.0	450.8	451.2	451.4	451.2	450.8	451.0	451.0	451.0	450.8
16.5°	449.6	449.7	449.5	450.0	450.1	450.0	449.5	449.7	449.6	449.7	449.5
17°	448.0	448.3	448.1	448.7	448.6	448.7	448.1	448.3	448.0	448.3	448.1
17.5°	446.7	446.9	446.6	447.3	447.1	447.3	446.6	446.9	446.7	446.9	446.6
18°	445.2	445.5	445.2	445.8	445.9	445.8	445.2	445.5	445.2	445.5	445.2
18.5°	443.7	444.0	443.8	444.2	444.4	444.2	443.8	444.0	443.7	444.0	443.8
19°	442.6	442.8	442.4	442.8	442.9	442.8	442.4	442.8	442.6	442.8	442.4
19.5°	441.0	441.1	440.7	441.3	441.3	441.3	440.7	441.1	441.0	441.1	440.7
20°	439.4	439.3	439.2	439.4	439.8	439.4	439.2	439.3	439.4	439.3	439.2
20.5°	437.6	437.7	437.6	437.7	438.1	437.7	437.6	437.7	437.6	437.7	437.6
21°	435.8	436.1	436.0	436.1	436.5	436.1	436.0	436.1	435.8	436.1	436.0
21.5°	433.9	434.3	434.4	434.5	434.7	434.5	434.4	434.3	433.9	434.3	434.4
22°	432.3	432.7	432.6	432.9	433.0	432.9	432.6	432.7	432.3	432.7	432.6

TEST NUMBER: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	430.6	430.8	430.7	431.1	431.1	431.1	430.7	430.8	430.6	430.8	430.7
23°	428.7	428.9	428.9	429.2	429.4	429.2	428.9	428.9	428.7	428.9	428.9
23.5°	427.0	427.2	427.1	427.5	427.6	427.5	427.1	427.2	427.0	427.2	427.1
24°	425.0	425.3	425.2	425.5	425.7	425.5	425.2	425.3	425.0	425.3	425.2
24.5°	423.1	423.3	423.3	423.3	423.7	423.3	423.3	423.3	423.1	423.3	423.3
25°	421.2	421.4	421.3	421.4	421.6	421.4	421.3	421.4	421.2	421.4	421.3
25.5°	419.2	419.3	419.2	419.3	420.0	419.3	419.2	419.3	419.2	419.3	419.2
26°	417.2	417.4	417.2	417.5	418.0	417.5	417.2	417.4	417.2	417.4	417.2
26.5°	414.9	415.2	415.2	415.4	415.7	415.4	415.2	415.2	414.9	415.2	415.2
27°	412.7	413.2	413.2	413.5	413.9	413.5	413.2	413.2	412.7	413.2	413.2
27.5°	410.7	411.1	411.1	411.2	411.8	411.2	411.1	411.1	410.7	411.1	411.1
28°	408.6	408.9	409.0	409.1	409.5	409.1	409.0	408.9	408.6	408.9	409.0
28.5°	406.3	406.6	406.7	407.1	407.2	407.1	406.7	406.6	406.3	406.6	406.7
29°	404.2	404.5	404.4	404.6	404.9	404.6	404.4	404.5	404.2	404.5	404.4
29.5°	402.0	402.3	402.1	402.5	402.6	402.5	402.1	402.3	402.0	402.3	402.1
30°	399.7	399.9	399.8	400.1	400.4	400.1	399.8	399.9	399.7	399.9	399.8
30.5°	397.4	397.6	397.6	397.7	398.2	397.7	397.6	397.6	397.4	397.6	397.6
31°	395.0	395.1	395.1	395.5	395.8	395.5	395.1	395.1	395.0	395.1	395.1
31.5°	392.6	392.8	392.8	393.2	393.4	393.2	392.8	392.8	392.6	392.8	392.8
32°	390.0	390.3	390.3	390.8	390.9	390.8	390.3	390.3	390.0	390.3	390.3
32.5°	387.5	387.8	387.7	388.5	388.5	388.5	387.7	387.8	387.5	387.8	387.7
33°	385.0	385.4	385.3	385.9	386.0	385.9	385.3	385.4	385.0	385.4	385.3
33.5°	382.5	382.9	382.8	383.5	383.6	383.5	382.8	382.9	382.5	382.9	382.8
34°	380.1	380.4	380.3	380.8	381.0	380.8	380.3	380.4	380.1	380.4	380.3
34.5°	377.6	377.9	377.8	378.0	378.2	378.0	377.8	377.9	377.6	377.9	377.8
35°	374.9	375.1	375.1	375.4	375.5	375.4	375.1	375.1	374.9	375.1	375.1
35.5°	372.4	372.5	372.4	372.9	373.0	372.9	372.4	372.5	372.4	372.5	372.4
36°	369.7	369.9	369.7	370.0	370.4	370.0	369.7	369.9	369.7	369.9	369.7
36.5°	367.0	367.1	367.1	367.3	367.7	367.3	367.1	367.1	367.0	367.1	367.1
37°	364.3	364.4	364.4	364.6	365.0	364.6	364.4	364.4	364.3	364.4	364.4
37.5°	361.6	361.7	361.7	361.9	362.1	361.9	361.7	361.7	361.6	361.7	361.7
38°	358.9	358.9	358.9	359.2	359.3	359.2	358.9	358.9	358.9	358.9	358.9
38.5°	356.1	356.1	356.0	356.3	356.5	356.3	356.0	356.1	356.1	356.1	356.0
39°	353.4	353.2	353.0	353.4	353.7	353.4	353.0	353.2	353.4	353.2	353.0
39.5°	350.6	350.5	350.2	350.7	350.9	350.7	350.2	350.5	350.6	350.5	350.2
40°	347.7	347.4	347.4	347.8	348.1	347.8	347.4	347.4	347.7	347.4	347.4
40.5°	344.6	344.7	344.5	344.8	345.1	344.8	344.5	344.7	344.6	344.7	344.5
41°	341.6	341.7	341.4	341.8	342.1	341.8	341.4	341.7	341.6	341.7	341.4
41.5°	338.7	338.7	338.5	338.8	339.2	338.8	338.5	338.7	338.7	338.7	338.5
42°	335.7	335.7	335.4	335.8	336.2	335.8	335.4	335.7	335.7	335.7	335.4
42.5°	332.7	332.8	332.4	332.6	333.3	332.6	332.4	332.8	332.7	332.8	332.4
43°	329.6	329.7	329.4	329.4	330.0	329.4	329.4	329.7	329.6	329.7	329.4
43.5°	326.6	326.5	326.1	326.3	326.7	326.3	326.1	326.5	326.6	326.5	326.1
44°	323.5	323.4	323.0	323.0	323.5	323.0	323.0	323.4	323.5	323.4	323.0
44.5°	320.2	320.3	319.9	319.9	320.2	319.9	319.9	320.3	320.2	320.3	319.9

TEST NUMBER: P895728
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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	316.8	316.9	316.5	316.5	316.8	316.5	316.5	316.9	316.8	316.9	316.5
45.5°	313.6	313.6	313.1	313.3	313.3	313.3	313.1	313.6	313.6	313.6	313.1
46°	310.2	310.3	309.5	310.0	310.1	310.0	309.5	310.3	310.2	310.3	309.5
46.5°	306.6	306.7	306.3	306.3	306.7	306.3	306.3	306.7	306.6	306.7	306.3
47°	302.9	303.1	302.8	302.9	303.1	302.9	302.8	303.1	302.9	303.1	302.8
47.5°	299.2	299.4	299.1	299.3	299.5	299.3	299.1	299.4	299.2	299.4	299.1
48°	295.7	295.7	295.4	295.7	296.0	295.7	295.4	295.7	295.7	295.7	295.4
48.5°	291.9	292.0	291.7	292.0	292.2	292.0	291.7	292.0	291.9	292.0	291.7
49°	288.2	288.1	287.9	288.2	288.4	288.2	287.9	288.1	288.2	288.1	287.9
49.5°	284.5	284.3	284.2	284.4	284.6	284.4	284.2	284.3	284.5	284.3	284.2
50°	280.4	280.4	280.2	280.5	280.9	280.5	280.2	280.4	280.4	280.4	280.2
50.5°	276.2	276.3	276.3	276.5	276.9	276.5	276.3	276.3	276.2	276.3	276.3
51°	272.1	272.2	272.3	272.5	273.1	272.5	272.3	272.2	272.1	272.2	272.3
51.5°	268.0	268.3	268.4	268.6	269.0	268.6	268.4	268.3	268.0	268.3	268.4
52°	263.9	264.2	264.2	264.5	264.9	264.5	264.2	264.2	263.9	264.2	264.2
52.5°	259.9	259.9	260.0	260.1	260.7	260.1	260.0	259.9	259.9	259.9	260.0
53°	255.9	255.8	256.0	256.0	256.6	256.0	256.0	255.8	255.9	255.8	256.0
53.5°	251.4	251.6	251.7	251.9	252.2	251.9	251.7	251.6	251.4	251.6	251.7
54°	247.3	247.3	247.3	247.6	247.8	247.6	247.3	247.3	247.3	247.3	247.3
54.5°	243.1	243.1	243.1	243.3	243.6	243.3	243.1	243.1	243.1	243.1	243.1
55°	238.8	238.7	238.7	238.9	239.3	238.9	238.7	238.7	238.8	238.7	238.7
55.5°	234.3	234.6	234.5	234.7	234.8	234.7	234.5	234.6	234.3	234.6	234.5
56°	229.8	230.1	230.0	230.3	230.5	230.3	230.0	230.1	229.8	230.1	230.0
56.5°	225.5	225.6	225.7	225.7	226.0	225.7	225.7	225.6	225.5	225.6	225.7
57°	221.0	221.1	221.2	221.3	221.6	221.3	221.2	221.1	221.0	221.1	221.2
57.5°	216.6	216.7	216.7	216.9	217.0	216.9	216.7	216.7	216.6	216.7	216.7
58°	212.0	212.3	212.2	212.4	212.6	212.4	212.2	212.3	212.0	212.3	212.2
58.5°	207.7	207.9	207.7	207.8	207.9	207.8	207.7	207.9	207.7	207.9	207.7
59°	203.2	203.3	203.1	203.3	203.3	203.3	203.1	203.3	203.2	203.3	203.1
59.5°	198.5	198.6	198.5	198.7	198.7	198.7	198.5	198.6	198.5	198.6	198.5
60°	193.9	193.9	194.0	194.1	194.3	194.1	194.0	193.9	193.9	193.9	194.0
60.5°	189.1	189.4	189.3	189.5	189.5	189.5	189.3	189.4	189.1	189.4	189.3
61°	184.5	184.6	184.7	184.9	184.9	184.9	184.7	184.6	184.5	184.6	184.7
61.5°	180.0	180.0	180.0	180.1	180.1	180.1	180.0	180.0	180.0	180.0	180.0
62°	175.4	175.4	175.3	175.5	175.4	175.5	175.3	175.4	175.4	175.4	175.3
62.5°	170.6	170.6	170.5	170.7	170.8	170.7	170.5	170.6	170.6	170.6	170.5
63°	165.8	165.7	165.7	165.8	166.0	165.8	165.7	165.7	165.8	165.7	165.7
63.5°	161.0	161.0	161.0	161.1	161.2	161.1	161.0	161.0	161.0	161.0	161.0
64°	156.2	156.2	156.3	156.4	156.5	156.4	156.3	156.2	156.2	156.2	156.3
64.5°	151.3	151.4	151.5	151.6	151.9	151.6	151.5	151.4	151.3	151.4	151.5
65°	146.6	146.7	146.8	147.0	147.2	147.0	146.8	146.7	146.6	146.7	146.8
65.5°	141.7	141.7	141.9	142.1	142.5	142.1	141.9	141.7	141.7	141.7	141.9
66°	136.8	137.0	137.0	137.3	137.5	137.3	137.0	137.0	136.8	137.0	137.0
66.5°	132.2	132.1	132.2	132.3	132.8	132.3	132.2	132.1	132.2	132.1	132.2
67°	127.4	127.4	127.4	127.7	128.1	127.7	127.4	127.4	127.4	127.4	127.4

TEST NUMBER: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	122.5	122.6	122.5	122.8	123.3	122.8	122.5	122.6	122.5	122.6	122.5
68°	117.6	117.7	117.8	118.1	118.5	118.1	117.8	117.7	117.6	117.7	117.8
68.5°	112.9	113.0	113.1	113.5	113.8	113.5	113.1	113.0	112.9	113.0	113.1
69°	108.2	108.2	108.4	108.6	109.1	108.6	108.4	108.2	108.2	108.2	108.4
69.5°	103.5	103.6	103.7	104.0	104.3	104.0	103.7	103.6	103.5	103.6	103.7
70°	98.6	98.8	98.9	99.2	99.6	99.2	98.9	98.8	98.6	98.8	98.9
70.5°	94.3	94.2	94.2	94.5	94.9	94.5	94.2	94.2	94.3	94.2	94.2
71°	89.6	89.5	89.6	89.9	90.2	89.9	89.6	89.5	89.6	89.5	89.6
71.5°	85.0	85.0	85.0	85.4	85.7	85.4	85.0	85.0	85.0	85.0	85.0
72°	80.4	80.4	80.5	81.0	81.2	81.0	80.5	80.4	80.4	80.4	80.5
72.5°	75.8	75.9	76.0	76.4	76.8	76.4	76.0	75.9	75.8	75.9	76.0
73°	71.2	71.4	71.6	72.1	72.4	72.1	71.6	71.4	71.2	71.4	71.6
73.5°	66.9	67.0	67.1	67.6	68.0	67.6	67.1	67.0	66.9	67.0	67.1
74°	62.6	62.8	63.0	63.5	63.8	63.5	63.0	62.8	62.6	62.8	63.0
74.5°	58.3	58.4	58.7	59.3	59.6	59.3	58.7	58.4	58.3	58.4	58.7
75°	54.1	54.4	54.5	55.1	55.4	55.1	54.5	54.4	54.1	54.4	54.5
75.5°	50.0	50.3	50.5	51.1	51.3	51.1	50.5	50.3	50.0	50.3	50.5
76°	46.1	46.3	46.6	47.0	47.2	47.0	46.6	46.3	46.1	46.3	46.6
76.5°	42.3	42.3	42.6	43.1	43.4	43.1	42.6	42.3	42.3	42.3	42.6
77°	38.6	38.7	38.9	39.5	39.8	39.5	38.9	38.7	38.6	38.7	38.9
77.5°	34.9	35.1	35.5	36.1	36.3	36.1	35.5	35.1	34.9	35.1	35.5
78°	31.3	31.7	32.2	32.7	33.0	32.7	32.2	31.7	31.3	31.7	32.2
78.5°	28.1	28.4	28.9	29.5	29.9	29.5	28.9	28.4	28.1	28.4	28.9
79°	25.0	25.2	25.8	26.5	26.9	26.5	25.8	25.2	25.0	25.2	25.8
79.5°	22.1	22.3	22.8	23.5	24.1	23.5	22.8	22.3	22.1	22.3	22.8
80°	19.4	19.7	20.2	20.7	21.4	20.7	20.2	19.7	19.4	19.7	20.2
80.5°	16.9	17.2	17.7	18.4	19.1	18.4	17.7	17.2	16.9	17.2	17.7
81°	14.5	14.9	15.6	16.2	16.9	16.2	15.6	14.9	14.5	14.9	15.6
81.5°	12.5	12.8	13.6	14.3	15.1	14.3	13.6	12.8	12.5	12.8	13.6
82°	10.8	11.0	11.8	12.5	13.4	12.5	11.8	11.0	10.8	11.0	11.8
82.5°	9.2	9.6	10.4	10.9	11.6	10.9	10.4	9.6	9.2	9.6	10.4
83°	8.0	8.3	9.0	9.6	10.1	9.6	9.0	8.3	8.0	8.3	9.0
83.5°	7.1	7.4	7.8	8.1	8.6	8.1	7.8	7.4	7.1	7.4	7.8
84°	6.3	6.5	6.8	7.2	7.5	7.2	6.8	6.5	6.3	6.5	6.8
84.5°	5.6	5.7	5.9	6.1	6.3	6.1	5.9	5.7	5.6	5.7	5.9
85°	5.1	5.0	5.1	5.2	5.3	5.2	5.1	5.0	5.1	5.0	5.1
85.5°	4.4	4.5	4.6	4.5	4.5	4.5	4.6	4.5	4.4	4.5	4.6
86°	3.9	4.0	4.1	3.9	3.9	3.9	4.1	4.0	3.9	4.0	4.1
86.5°	3.2	3.2	3.4	3.3	3.4	3.3	3.4	3.2	3.2	3.2	3.4
87°	2.6	2.7	2.6	2.8	2.8	2.8	2.6	2.7	2.6	2.7	2.6
87.5°	2.0	2.1	2.2	2.1	2.2	2.1	2.2	2.1	2.0	2.1	2.2
88°	1.6	1.6	1.6	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6
88.5°	0.9	1.1	1.4	1.6	1.6	1.6	1.4	1.1	0.9	1.1	1.4
89°	0.5	0.7	1.0	1.3	1.3	1.3	1.0	0.7	0.5	0.7	1.0
89.5°	0.0	0.4	0.8	1.0	0.9	1.0	0.8	0.4	0.0	0.4	0.8

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



TEST NUMBER: P895728
CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
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: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	472.1	472.1	472.1	472.1	472.1	472.1
0.5°	472.2	472.8	472.2	472.0	472.0	471.9
1°	472.2	472.7	472.2	472.0	472.0	472.0
1.5°	471.9	472.7	471.9	471.9	472.0	471.8
2°	471.7	472.5	471.7	471.6	471.8	471.8
2.5°	471.4	472.4	471.4	471.4	471.6	471.6
3°	471.2	471.9	471.2	471.2	471.4	471.3
3.5°	470.9	471.4	470.9	471.0	471.2	470.9
4°	470.7	471.2	470.7	470.7	471.1	470.5
4.5°	470.4	470.9	470.4	470.5	470.5	470.3
5°	470.1	470.3	470.1	470.1	470.2	469.9
5.5°	469.7	469.9	469.7	469.5	469.8	469.4
6°	469.2	469.4	469.2	468.9	469.3	468.9
6.5°	468.5	468.9	468.5	468.4	468.8	468.3
7°	468.0	468.3	468.0	468.0	468.2	467.8
7.5°	467.6	467.8	467.6	467.3	467.5	467.3
8°	467.0	467.0	467.0	466.6	467.0	466.6
8.5°	466.0	466.4	466.0	465.9	466.1	465.9
9°	465.3	465.9	465.3	465.3	465.4	465.1
9.5°	464.7	465.0	464.7	464.4	464.6	464.4
10°	463.8	464.3	463.8	463.7	463.8	463.7
10.5°	462.8	463.3	462.8	462.9	463.0	462.8
11°	462.0	462.5	462.0	461.9	462.2	462.1
11.5°	461.2	461.4	461.2	460.9	461.1	461.1
12°	460.2	460.5	460.2	459.8	460.1	460.2
12.5°	459.1	459.4	459.1	459.0	459.0	459.1
13°	458.1	458.4	458.1	457.9	458.0	458.1
13.5°	456.9	457.3	456.9	456.9	457.1	456.9
14°	455.7	456.0	455.7	455.6	456.0	455.8
14.5°	454.9	454.8	454.9	454.5	454.9	454.5
15°	453.8	453.8	453.8	453.2	453.4	453.3
15.5°	452.5	452.4	452.5	452.1	452.5	452.1
16°	451.2	451.4	451.2	450.8	451.0	451.0
16.5°	450.0	450.1	450.0	449.5	449.7	449.6
17°	448.7	448.6	448.7	448.1	448.3	448.0
17.5°	447.3	447.1	447.3	446.6	446.9	446.7
18°	445.8	445.9	445.8	445.2	445.5	445.2
18.5°	444.2	444.4	444.2	443.8	444.0	443.7
19°	442.8	442.9	442.8	442.4	442.8	442.6
19.5°	441.3	441.3	441.3	440.7	441.1	441.0
20°	439.4	439.8	439.4	439.2	439.3	439.4
20.5°	437.7	438.1	437.7	437.6	437.7	437.6
21°	436.1	436.5	436.1	436.0	436.1	435.8
21.5°	434.5	434.7	434.5	434.4	434.3	433.9
22°	432.9	433.0	432.9	432.6	432.7	432.3

TEST NUMBER: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	431.1	431.1	431.1	430.7	430.8	430.6
23°	429.2	429.4	429.2	428.9	428.9	428.7
23.5°	427.5	427.6	427.5	427.1	427.2	427.0
24°	425.5	425.7	425.5	425.2	425.3	425.0
24.5°	423.3	423.7	423.3	423.3	423.3	423.1
25°	421.4	421.6	421.4	421.3	421.4	421.2
25.5°	419.3	420.0	419.3	419.2	419.3	419.2
26°	417.5	418.0	417.5	417.2	417.4	417.2
26.5°	415.4	415.7	415.4	415.2	415.2	414.9
27°	413.5	413.9	413.5	413.2	413.2	412.7
27.5°	411.2	411.8	411.2	411.1	411.1	410.7
28°	409.1	409.5	409.1	409.0	408.9	408.6
28.5°	407.1	407.2	407.1	406.7	406.6	406.3
29°	404.6	404.9	404.6	404.4	404.5	404.2
29.5°	402.5	402.6	402.5	402.1	402.3	402.0
30°	400.1	400.4	400.1	399.8	399.9	399.7
30.5°	397.7	398.2	397.7	397.6	397.6	397.4
31°	395.5	395.8	395.5	395.1	395.1	395.0
31.5°	393.2	393.4	393.2	392.8	392.8	392.6
32°	390.8	390.9	390.8	390.3	390.3	390.0
32.5°	388.5	388.5	388.5	387.7	387.8	387.5
33°	385.9	386.0	385.9	385.3	385.4	385.0
33.5°	383.5	383.6	383.5	382.8	382.9	382.5
34°	380.8	381.0	380.8	380.3	380.4	380.1
34.5°	378.0	378.2	378.0	377.8	377.9	377.6
35°	375.4	375.5	375.4	375.1	375.1	374.9
35.5°	372.9	373.0	372.9	372.4	372.5	372.4
36°	370.0	370.4	370.0	369.7	369.9	369.7
36.5°	367.3	367.7	367.3	367.1	367.1	367.0
37°	364.6	365.0	364.6	364.4	364.4	364.3
37.5°	361.9	362.1	361.9	361.7	361.7	361.6
38°	359.2	359.3	359.2	358.9	358.9	358.9
38.5°	356.3	356.5	356.3	356.0	356.1	356.1
39°	353.4	353.7	353.4	353.0	353.2	353.4
39.5°	350.7	350.9	350.7	350.2	350.5	350.6
40°	347.8	348.1	347.8	347.4	347.4	347.7
40.5°	344.8	345.1	344.8	344.5	344.7	344.6
41°	341.8	342.1	341.8	341.4	341.7	341.6
41.5°	338.8	339.2	338.8	338.5	338.7	338.7
42°	335.8	336.2	335.8	335.4	335.7	335.7
42.5°	332.6	333.3	332.6	332.4	332.8	332.7
43°	329.4	330.0	329.4	329.4	329.7	329.6
43.5°	326.3	326.7	326.3	326.1	326.5	326.6
44°	323.0	323.5	323.0	323.0	323.4	323.5
44.5°	319.9	320.2	319.9	319.9	320.3	320.2

TEST NUMBER: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	316.5	316.8	316.5	316.5	316.9	316.8
45.5°	313.3	313.3	313.3	313.1	313.6	313.6
46°	310.0	310.1	310.0	309.5	310.3	310.2
46.5°	306.3	306.7	306.3	306.3	306.7	306.6
47°	302.9	303.1	302.9	302.8	303.1	302.9
47.5°	299.3	299.5	299.3	299.1	299.4	299.2
48°	295.7	296.0	295.7	295.4	295.7	295.7
48.5°	292.0	292.2	292.0	291.7	292.0	291.9
49°	288.2	288.4	288.2	287.9	288.1	288.2
49.5°	284.4	284.6	284.4	284.2	284.3	284.5
50°	280.5	280.9	280.5	280.2	280.4	280.4
50.5°	276.5	276.9	276.5	276.3	276.3	276.2
51°	272.5	273.1	272.5	272.3	272.2	272.1
51.5°	268.6	269.0	268.6	268.4	268.3	268.0
52°	264.5	264.9	264.5	264.2	264.2	263.9
52.5°	260.1	260.7	260.1	260.0	259.9	259.9
53°	256.0	256.6	256.0	256.0	255.8	255.9
53.5°	251.9	252.2	251.9	251.7	251.6	251.4
54°	247.6	247.8	247.6	247.3	247.3	247.3
54.5°	243.3	243.6	243.3	243.1	243.1	243.1
55°	238.9	239.3	238.9	238.7	238.7	238.8
55.5°	234.7	234.8	234.7	234.5	234.6	234.3
56°	230.3	230.5	230.3	230.0	230.1	229.8
56.5°	225.7	226.0	225.7	225.7	225.6	225.5
57°	221.3	221.6	221.3	221.2	221.1	221.0
57.5°	216.9	217.0	216.9	216.7	216.7	216.6
58°	212.4	212.6	212.4	212.2	212.3	212.0
58.5°	207.8	207.9	207.8	207.7	207.9	207.7
59°	203.3	203.3	203.3	203.1	203.3	203.2
59.5°	198.7	198.7	198.7	198.5	198.6	198.5
60°	194.1	194.3	194.1	194.0	193.9	193.9
60.5°	189.5	189.5	189.5	189.3	189.4	189.1
61°	184.9	184.9	184.9	184.7	184.6	184.5
61.5°	180.1	180.1	180.1	180.0	180.0	180.0
62°	175.5	175.4	175.5	175.3	175.4	175.4
62.5°	170.7	170.8	170.7	170.5	170.6	170.6
63°	165.8	166.0	165.8	165.7	165.7	165.8
63.5°	161.1	161.2	161.1	161.0	161.0	161.0
64°	156.4	156.5	156.4	156.3	156.2	156.2
64.5°	151.6	151.9	151.6	151.5	151.4	151.3
65°	147.0	147.2	147.0	146.8	146.7	146.6
65.5°	142.1	142.5	142.1	141.9	141.7	141.7
66°	137.3	137.5	137.3	137.0	137.0	136.8
66.5°	132.3	132.8	132.3	132.2	132.1	132.2
67°	127.7	128.1	127.7	127.4	127.4	127.4

TEST NUMBER: P895728
 CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	122.8	123.3	122.8	122.5	122.6	122.5
68°	118.1	118.5	118.1	117.8	117.7	117.6
68.5°	113.5	113.8	113.5	113.1	113.0	112.9
69°	108.6	109.1	108.6	108.4	108.2	108.2
69.5°	104.0	104.3	104.0	103.7	103.6	103.5
70°	99.2	99.6	99.2	98.9	98.8	98.6
70.5°	94.5	94.9	94.5	94.2	94.2	94.3
71°	89.9	90.2	89.9	89.6	89.5	89.6
71.5°	85.4	85.7	85.4	85.0	85.0	85.0
72°	81.0	81.2	81.0	80.5	80.4	80.4
72.5°	76.4	76.8	76.4	76.0	75.9	75.8
73°	72.1	72.4	72.1	71.6	71.4	71.2
73.5°	67.6	68.0	67.6	67.1	67.0	66.9
74°	63.5	63.8	63.5	63.0	62.8	62.6
74.5°	59.3	59.6	59.3	58.7	58.4	58.3
75°	55.1	55.4	55.1	54.5	54.4	54.1
75.5°	51.1	51.3	51.1	50.5	50.3	50.0
76°	47.0	47.2	47.0	46.6	46.3	46.1
76.5°	43.1	43.4	43.1	42.6	42.3	42.3
77°	39.5	39.8	39.5	38.9	38.7	38.6
77.5°	36.1	36.3	36.1	35.5	35.1	34.9
78°	32.7	33.0	32.7	32.2	31.7	31.3
78.5°	29.5	29.9	29.5	28.9	28.4	28.1
79°	26.5	26.9	26.5	25.8	25.2	25.0
79.5°	23.5	24.1	23.5	22.8	22.3	22.1
80°	20.7	21.4	20.7	20.2	19.7	19.4
80.5°	18.4	19.1	18.4	17.7	17.2	16.9
81°	16.2	16.9	16.2	15.6	14.9	14.5
81.5°	14.3	15.1	14.3	13.6	12.8	12.5
82°	12.5	13.4	12.5	11.8	11.0	10.8
82.5°	10.9	11.6	10.9	10.4	9.6	9.2
83°	9.6	10.1	9.6	9.0	8.3	8.0
83.5°	8.1	8.6	8.1	7.8	7.4	7.1
84°	7.2	7.5	7.2	6.8	6.5	6.3
84.5°	6.1	6.3	6.1	5.9	5.7	5.6
85°	5.2	5.3	5.2	5.1	5.0	5.1
85.5°	4.5	4.5	4.5	4.6	4.5	4.4
86°	3.9	3.9	3.9	4.1	4.0	3.9
86.5°	3.3	3.4	3.3	3.4	3.2	3.2
87°	2.8	2.8	2.8	2.6	2.7	2.6
87.5°	2.1	2.2	2.1	2.2	2.1	2.0
88°	1.8	1.8	1.8	1.6	1.6	1.6
88.5°	1.6	1.6	1.6	1.4	1.1	0.9
89°	1.3	1.3	1.3	1.0	0.7	0.5
89.5°	1.0	0.9	1.0	0.8	0.4	0.0

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


NVLAP Lab Code: 200050-0



TEST NUMBER: P895728
CATALOG NUMBER: RLWZC612-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)