

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: P895732

Luminaire Tested: **RLWZC612-6500K**

Issue Date: 11/14/2024

Tested By:

Approved By:



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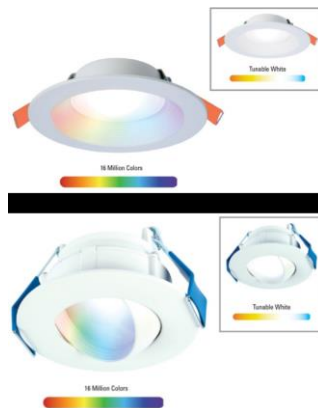
Test Information

Test Method: LM-79-08
 Report Number: P895732
 Test Lab:
 Issue Date: 11/14/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: RLWZC612-6500K
 Description: 6IN DM WIZ SELECTABLE CCT
 Light Source: WIZ SELECTABLE 90CRI / 6500K CCT
 Ballast/Driver: -

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 1310.0 lumens
 Efficiency: N/A
 Efficacy: 101.6 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

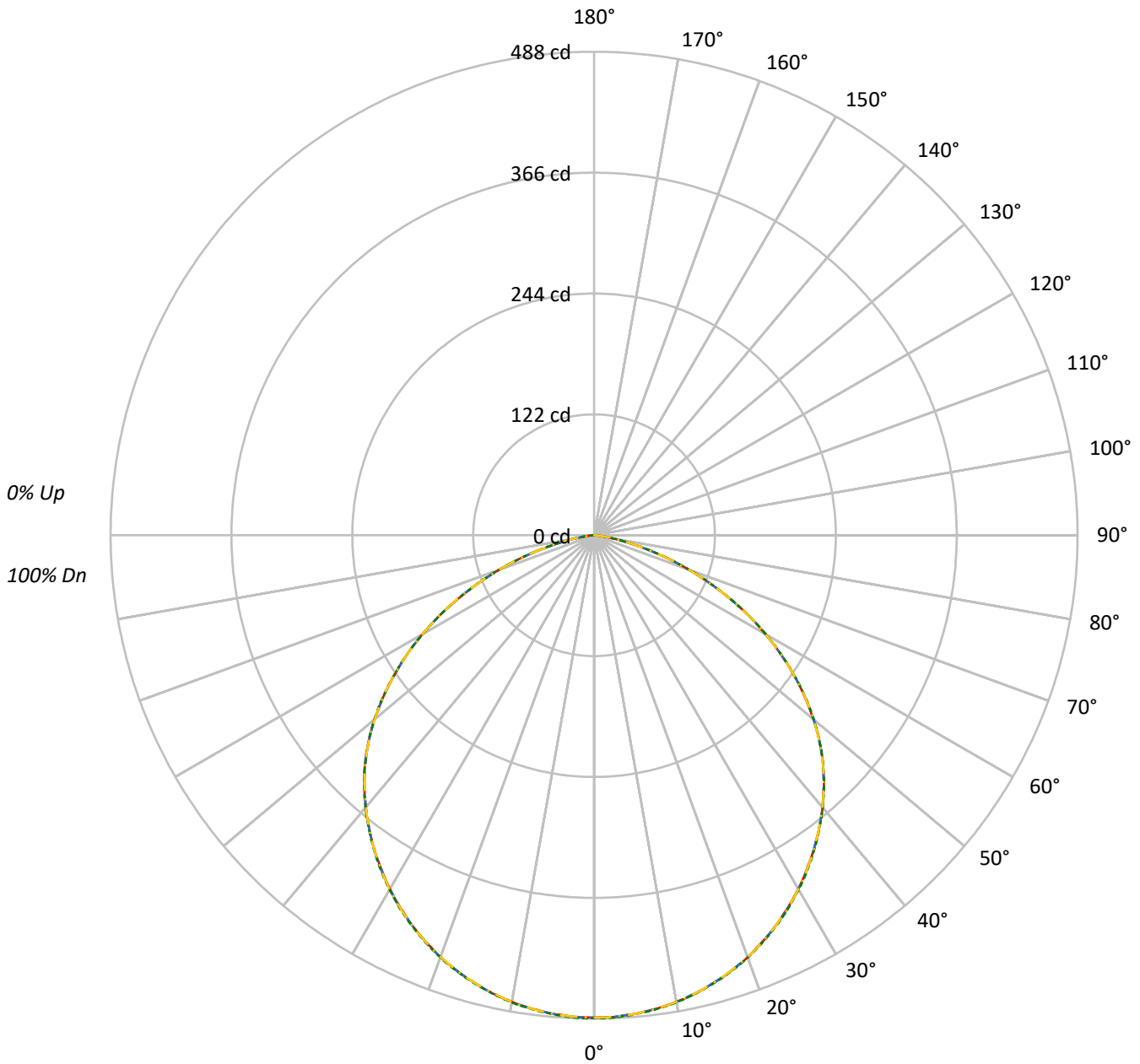
Input Watts (W): 12.9
 Input Voltage (V): NR
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26697	26697	26697	26697
5°	26673	26695	26673	26695
10°	26625	26658	26625	26658
15°	26538	26567	26538	26567
20°	26439	26462	26439	26462
25°	26276	26306	26276	26306
30°	26099	26143	26099	26143
35°	25886	25926	25886	25926
40°	25670	25698	25670	25698
45°	25336	25336	25336	25336
50°	24664	24707	24664	24707
55°	23540	23588	23540	23588
60°	21928	21972	21928	21972
65°	19613	19691	19613	19691
70°	16301	16461	16301	16461
75°	11819	12115	11819	12115
80°	6314	6977	6314	6977
85°	3334	3459	3334	3459

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	3.5
10°-20°	132.0	10.1
20°-30°	200.3	15.3
30°-40°	242.1	18.5
40°-50°	251.5	19.2
50°-60°	219.7	16.8
60°-70°	149.5	11.4
70°-80°	61.1	4.7
80°-90°	7.6	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°	378.4	28.9
0°-40°	620.6	47.4
0°-60°	1091.8	83.3
0°-90°	1310.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1310.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	487	487	487	487	487	
5°	485	485	485	485	485	46
15°	468	468	468	468	468	132
25°	434	435	434	435	434	200
35°	387	387	387	387	387	242
45°	327	327	327	327	327	252
55°	246	247	246	247	246	220
65°	151	152	151	152	151	149
75°	56	57	56	57	56	61
85°	5	6	5	6	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°	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0	487.0
0.5°	486.8	486.9	486.9	487.1	487.7	487.1	486.9	486.9	486.8	486.9	486.9
1°	486.9	486.9	486.9	487.1	487.6	487.1	486.9	486.9	486.9	486.9	486.9
1.5°	486.7	486.9	486.8	486.8	487.6	486.8	486.8	486.9	486.7	486.9	486.8
2°	486.7	486.7	486.5	486.6	487.4	486.6	486.5	486.7	486.7	486.7	486.5
2.5°	486.5	486.5	486.3	486.3	487.3	486.3	486.3	486.5	486.5	486.5	486.3
3°	486.2	486.3	486.1	486.0	486.8	486.0	486.1	486.3	486.2	486.3	486.1
3.5°	485.7	486.1	485.8	485.7	486.3	485.7	485.8	486.1	485.7	486.1	485.8
4°	485.3	485.9	485.5	485.5	486.0	485.5	485.5	485.9	485.3	485.9	485.5
4.5°	485.1	485.3	485.3	485.2	485.7	485.2	485.3	485.3	485.1	485.3	485.3
5°	484.7	485.0	484.9	484.9	485.1	484.9	484.9	485.0	484.7	485.0	484.9
5.5°	484.2	484.6	484.3	484.5	484.7	484.5	484.3	484.6	484.2	484.6	484.3
6°	483.7	484.1	483.7	484.0	484.2	484.0	483.7	484.1	483.7	484.1	483.7
6.5°	483.1	483.6	483.2	483.3	483.7	483.3	483.2	483.6	483.1	483.6	483.2
7°	482.5	483.0	482.7	482.7	483.1	482.7	482.7	483.0	482.5	483.0	482.7
7.5°	482.0	482.2	482.0	482.3	482.5	482.3	482.0	482.2	482.0	482.2	482.0
8°	481.3	481.7	481.3	481.7	481.7	481.7	481.3	481.7	481.3	481.7	481.3
8.5°	480.6	480.8	480.6	480.7	481.1	480.7	480.6	480.8	480.6	480.8	480.6
9°	479.8	480.1	480.0	480.0	480.6	480.0	480.0	480.1	479.8	480.1	480.0
9.5°	479.0	479.2	479.0	479.3	479.6	479.3	479.0	479.2	479.0	479.2	479.0
10°	478.3	478.4	478.3	478.4	478.9	478.4	478.3	478.4	478.3	478.4	478.3
10.5°	477.4	477.6	477.5	477.4	477.9	477.4	477.5	477.6	477.4	477.6	477.5
11°	476.7	476.8	476.5	476.6	477.1	476.6	476.5	476.8	476.7	476.8	476.5
11.5°	475.6	475.6	475.4	475.7	475.9	475.7	475.4	475.6	475.6	475.6	475.4
12°	474.7	474.6	474.3	474.7	475.0	474.7	474.3	474.6	474.7	474.6	474.3
12.5°	473.6	473.5	473.5	473.6	473.9	473.6	473.5	473.5	473.6	473.5	473.5
13°	472.5	472.4	472.3	472.5	472.8	472.5	472.3	472.4	472.5	472.4	472.3
13.5°	471.3	471.5	471.3	471.3	471.7	471.3	471.3	471.5	471.3	471.5	471.3
14°	470.2	470.4	470.0	470.1	470.4	470.1	470.0	470.4	470.2	470.4	470.0
14.5°	468.8	469.2	468.8	469.2	469.1	469.2	468.8	469.2	468.8	469.2	468.8
15°	467.6	467.7	467.5	468.1	468.1	468.1	467.5	467.7	467.6	467.7	467.5
15.5°	466.3	466.7	466.3	466.8	466.6	466.8	466.3	466.7	466.3	466.7	466.3
16°	465.2	465.2	465.0	465.4	465.6	465.4	465.0	465.2	465.2	465.2	465.0
16.5°	463.8	463.9	463.7	464.2	464.3	464.2	463.7	463.9	463.8	463.9	463.7
17°	462.1	462.4	462.2	462.8	462.7	462.8	462.2	462.4	462.1	462.4	462.2
17.5°	460.8	461.0	460.7	461.4	461.2	461.4	460.7	461.0	460.8	461.0	460.7
18°	459.2	459.5	459.2	459.8	459.9	459.8	459.2	459.5	459.2	459.5	459.2
18.5°	457.7	458.0	457.8	458.2	458.4	458.2	457.8	458.0	457.7	458.0	457.8
19°	456.5	456.7	456.3	456.7	456.8	456.7	456.3	456.7	456.5	456.7	456.3
19.5°	454.9	455.0	454.6	455.2	455.2	455.2	454.6	455.0	454.9	455.0	454.6
20°	453.2	453.1	453.0	453.2	453.6	453.2	453.0	453.1	453.2	453.1	453.0
20.5°	451.4	451.5	451.4	451.5	451.9	451.5	451.4	451.5	451.4	451.5	451.4
21°	449.5	449.8	449.7	449.8	450.2	449.8	449.7	449.8	449.5	449.8	449.7
21.5°	447.5	448.0	448.1	448.2	448.4	448.2	448.1	448.0	447.5	448.0	448.1
22°	445.9	446.3	446.2	446.5	446.6	446.5	446.2	446.3	445.9	446.3	446.2

TEST NUMBER: P895732
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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	444.1	444.4	444.2	444.7	444.7	444.7	444.2	444.4	444.1	444.4	444.2
23°	442.2	442.4	442.4	442.7	442.9	442.7	442.4	442.4	442.2	442.4	442.4
23.5°	440.4	440.6	440.5	440.9	441.1	440.9	440.5	440.6	440.4	440.6	440.5
24°	438.4	438.7	438.6	438.9	439.1	438.9	438.6	438.7	438.4	438.7	438.6
24.5°	436.4	436.6	436.6	436.6	437.0	436.6	436.6	436.6	436.4	436.6	436.6
25°	434.4	434.6	434.5	434.6	434.9	434.6	434.5	434.6	434.4	434.6	434.5
25.5°	432.4	432.5	432.4	432.5	433.2	432.5	432.4	432.5	432.4	432.5	432.4
26°	430.3	430.5	430.3	430.6	431.1	430.6	430.3	430.5	430.3	430.5	430.3
26.5°	427.9	428.3	428.3	428.5	428.8	428.5	428.3	428.3	427.9	428.3	428.3
27°	425.7	426.2	426.2	426.5	426.9	426.5	426.2	426.2	425.7	426.2	426.2
27.5°	423.6	424.0	424.0	424.1	424.7	424.1	424.0	424.0	423.6	424.0	424.0
28°	421.4	421.7	421.8	422.0	422.4	422.0	421.8	421.7	421.4	421.7	421.8
28.5°	419.1	419.4	419.5	419.9	420.0	419.9	419.5	419.4	419.1	419.4	419.5
29°	416.9	417.2	417.1	417.3	417.6	417.3	417.1	417.2	416.9	417.2	417.1
29.5°	414.6	414.9	414.7	415.1	415.2	415.1	414.7	414.9	414.6	414.9	414.7
30°	412.3	412.5	412.4	412.7	413.0	412.7	412.4	412.5	412.3	412.5	412.4
30.5°	409.9	410.1	410.1	410.2	410.7	410.2	410.1	410.1	409.9	410.1	410.1
31°	407.4	407.5	407.5	407.9	408.2	407.9	407.5	407.5	407.4	407.5	407.5
31.5°	404.9	405.1	405.1	405.5	405.8	405.5	405.1	405.1	404.9	405.1	405.1
32°	402.2	402.5	402.6	403.1	403.2	403.1	402.6	402.5	402.2	402.5	402.6
32.5°	399.7	400.0	399.9	400.7	400.7	400.7	399.9	400.0	399.7	400.0	399.9
33°	397.1	397.5	397.4	398.0	398.1	398.0	397.4	397.5	397.1	397.5	397.4
33.5°	394.5	394.9	394.8	395.5	395.6	395.5	394.8	394.9	394.5	394.9	394.8
34°	392.1	392.4	392.3	392.7	393.0	392.7	392.3	392.4	392.1	392.4	392.3
34.5°	389.5	389.9	389.7	390.0	390.2	390.0	389.7	389.9	389.5	389.9	389.7
35°	386.8	387.0	387.0	387.3	387.4	387.3	387.0	387.0	386.8	387.0	387.0
35.5°	384.2	384.3	384.2	384.7	384.8	384.7	384.2	384.3	384.2	384.3	384.2
36°	381.4	381.6	381.4	381.7	382.1	381.7	381.4	381.6	381.4	381.6	381.4
36.5°	378.6	378.7	378.7	378.9	379.3	378.9	378.7	378.7	378.6	378.7	378.7
37°	375.8	375.9	375.9	376.1	376.5	376.1	375.9	375.9	375.8	375.9	375.9
37.5°	373.0	373.1	373.1	373.3	373.5	373.3	373.1	373.1	373.0	373.1	373.1
38°	370.2	370.2	370.2	370.5	370.7	370.5	370.2	370.2	370.2	370.2	370.2
38.5°	367.4	367.3	367.2	367.6	367.8	367.6	367.2	367.3	367.4	367.3	367.2
39°	364.6	364.4	364.2	364.6	364.9	364.6	364.2	364.4	364.6	364.4	364.2
39.5°	361.7	361.6	361.3	361.8	362.0	361.8	361.3	361.6	361.7	361.6	361.3
40°	358.7	358.4	358.4	358.8	359.1	358.8	358.4	358.4	358.7	358.4	358.4
40.5°	355.5	355.6	355.4	355.7	356.0	355.7	355.4	355.6	355.5	355.6	355.4
41°	352.4	352.5	352.2	352.6	352.9	352.6	352.2	352.5	352.4	352.5	352.2
41.5°	349.4	349.4	349.2	349.5	349.9	349.5	349.2	349.4	349.4	349.4	349.2
42°	346.3	346.3	346.0	346.4	346.8	346.4	346.0	346.3	346.3	346.3	346.0
42.5°	343.2	343.3	342.9	343.1	343.8	343.1	342.9	343.3	343.2	343.3	342.9
43°	340.0	340.1	339.8	339.8	340.4	339.8	339.8	340.1	340.0	340.1	339.8
43.5°	336.9	336.8	336.4	336.6	337.0	336.6	336.4	336.8	336.9	336.8	336.4
44°	333.7	333.6	333.2	333.2	333.7	333.2	333.2	333.6	333.7	333.6	333.2
44.5°	330.3	330.4	330.0	330.0	330.3	330.0	330.0	330.4	330.3	330.4	330.0

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	326.8	326.9	326.5	326.5	326.8	326.5	326.5	326.9	326.8	326.9	326.5
45.5°	323.5	323.5	323.0	323.2	323.2	323.2	323.0	323.5	323.5	323.5	323.0
46°	320.0	320.1	319.3	319.8	319.9	319.8	319.3	320.1	320.0	320.1	319.3
46.5°	316.3	316.4	315.9	316.0	316.4	316.0	315.9	316.4	316.3	316.4	315.9
47°	312.4	312.6	312.3	312.4	312.6	312.4	312.3	312.6	312.4	312.6	312.3
47.5°	308.6	308.8	308.5	308.7	308.9	308.7	308.5	308.8	308.6	308.8	308.5
48°	305.0	305.0	304.7	305.0	305.3	305.0	304.7	305.0	305.0	305.0	304.7
48.5°	301.1	301.2	300.9	301.2	301.4	301.2	300.9	301.2	301.1	301.2	300.9
49°	297.3	297.2	297.0	297.3	297.5	297.3	297.0	297.2	297.3	297.2	297.0
49.5°	293.4	293.2	293.1	293.3	293.6	293.3	293.1	293.2	293.4	293.2	293.1
50°	289.2	289.2	289.0	289.3	289.7	289.3	289.0	289.2	289.2	289.2	289.0
50.5°	284.9	285.0	285.0	285.2	285.6	285.2	285.0	285.0	284.9	285.0	285.0
51°	280.7	280.8	280.9	281.1	281.7	281.1	280.9	280.8	280.7	280.8	280.9
51.5°	276.4	276.7	276.8	277.0	277.4	277.0	276.8	276.7	276.4	276.7	276.8
52°	272.2	272.5	272.5	272.8	273.2	272.8	272.5	272.5	272.2	272.5	272.5
52.5°	268.1	268.1	268.2	268.3	268.9	268.3	268.2	268.1	268.1	268.1	268.2
53°	263.9	263.8	264.0	264.0	264.6	264.0	264.0	263.8	263.9	263.8	264.0
53.5°	259.3	259.5	259.6	259.8	260.1	259.8	259.6	259.5	259.3	259.5	259.6
54°	255.0	255.0	255.1	255.4	255.6	255.4	255.1	255.0	255.0	255.0	255.1
54.5°	250.7	250.7	250.7	250.9	251.2	250.9	250.7	250.7	250.7	250.7	250.7
55°	246.3	246.2	246.2	246.4	246.8	246.4	246.2	246.2	246.3	246.2	246.2
55.5°	241.6	241.9	241.8	242.0	242.2	242.0	241.8	241.9	241.6	241.9	241.8
56°	237.0	237.3	237.2	237.5	237.7	237.5	237.2	237.3	237.0	237.3	237.2
56.5°	232.6	232.8	232.9	232.9	233.2	232.9	232.9	232.8	232.6	232.8	232.9
57°	228.0	228.1	228.2	228.3	228.6	228.3	228.2	228.1	228.0	228.1	228.2
57.5°	223.5	223.6	223.6	223.8	223.9	223.8	223.6	223.6	223.5	223.6	223.6
58°	218.7	219.0	218.9	219.1	219.3	219.1	218.9	219.0	218.7	219.0	218.9
58.5°	214.3	214.5	214.3	214.4	214.5	214.4	214.3	214.5	214.3	214.5	214.3
59°	209.6	209.7	209.5	209.7	209.7	209.7	209.5	209.7	209.6	209.7	209.5
59.5°	204.8	204.9	204.8	205.0	205.0	205.0	204.8	204.9	204.8	204.9	204.8
60°	200.0	200.0	200.1	200.2	200.4	200.2	200.1	200.0	200.0	200.0	200.1
60.5°	195.1	195.4	195.3	195.5	195.5	195.5	195.3	195.4	195.1	195.4	195.3
61°	190.3	190.4	190.5	190.7	190.7	190.7	190.5	190.4	190.3	190.4	190.5
61.5°	185.7	185.7	185.7	185.8	185.8	185.8	185.7	185.7	185.7	185.7	185.7
62°	180.9	180.9	180.8	181.0	180.9	181.0	180.8	180.9	180.9	180.9	180.8
62.5°	176.0	176.0	175.9	176.1	176.2	176.1	175.9	176.0	176.0	176.0	175.9
63°	171.0	170.9	170.9	171.0	171.2	171.0	170.9	170.9	171.0	170.9	170.9
63.5°	166.1	166.1	166.1	166.2	166.3	166.2	166.1	166.1	166.1	166.1	166.1
64°	161.1	161.1	161.2	161.3	161.4	161.3	161.2	161.1	161.1	161.1	161.2
64.5°	156.1	156.2	156.3	156.4	156.7	156.4	156.3	156.2	156.1	156.2	156.3
65°	151.2	151.3	151.4	151.6	151.8	151.6	151.4	151.3	151.2	151.3	151.4
65.5°	146.2	146.2	146.4	146.6	147.0	146.6	146.4	146.2	146.2	146.2	146.4
66°	141.1	141.3	141.3	141.6	141.8	141.6	141.3	141.3	141.1	141.3	141.3
66.5°	136.3	136.2	136.3	136.5	137.0	136.5	136.3	136.2	136.3	136.2	136.3
67°	131.4	131.4	131.4	131.7	132.1	131.7	131.4	131.4	131.4	131.4	131.4

TEST NUMBER: P895732
 CATALOG NUMBER: RLWZC612-6500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	126.3	126.4	126.3	126.7	127.2	126.7	126.3	126.4	126.3	126.4	126.3
68°	121.3	121.4	121.5	121.8	122.2	121.8	121.5	121.4	121.3	121.4	121.5
68.5°	116.4	116.5	116.6	117.0	117.4	117.0	116.6	116.5	116.4	116.5	116.6
69°	111.6	111.6	111.8	112.0	112.5	112.0	111.8	111.6	111.6	111.6	111.8
69.5°	106.7	106.8	106.9	107.2	107.6	107.2	106.9	106.8	106.7	106.8	106.9
70°	101.7	101.9	102.0	102.3	102.7	102.3	102.0	101.9	101.7	101.9	102.0
70.5°	97.2	97.1	97.1	97.4	97.9	97.4	97.1	97.1	97.2	97.1	97.1
71°	92.4	92.3	92.4	92.7	93.0	92.7	92.4	92.3	92.4	92.3	92.4
71.5°	87.6	87.6	87.6	88.0	88.4	88.0	87.6	87.6	87.6	87.6	87.6
72°	82.9	82.9	83.0	83.5	83.7	83.5	83.0	82.9	82.9	82.9	83.0
72.5°	78.2	78.3	78.4	78.8	79.2	78.8	78.4	78.3	78.2	78.3	78.4
73°	73.5	73.7	73.9	74.4	74.7	74.4	73.9	73.7	73.5	73.7	73.9
73.5°	69.1	69.2	69.3	69.8	70.2	69.8	69.3	69.2	69.1	69.2	69.3
74°	64.6	64.8	65.0	65.5	65.9	65.5	65.0	64.8	64.6	64.8	65.0
74.5°	60.2	60.3	60.6	61.2	61.5	61.2	60.6	60.3	60.2	60.3	60.6
75°	55.8	56.1	56.3	56.9	57.2	56.9	56.3	56.1	55.8	56.1	56.3
75.5°	51.6	51.9	52.1	52.7	53.0	52.7	52.1	51.9	51.6	51.9	52.1
76°	47.6	47.8	48.1	48.5	48.7	48.5	48.1	47.8	47.6	47.8	48.1
76.5°	43.7	43.7	44.0	44.5	44.8	44.5	44.0	43.7	43.7	43.7	44.0
77°	39.8	39.9	40.2	40.8	41.1	40.8	40.2	39.9	39.8	39.9	40.2
77.5°	36.0	36.2	36.6	37.3	37.5	37.3	36.6	36.2	36.0	36.2	36.6
78°	32.3	32.7	33.2	33.8	34.1	33.8	33.2	32.7	32.3	32.7	33.2
78.5°	29.0	29.3	29.8	30.5	30.9	30.5	29.8	29.3	29.0	29.3	29.8
79°	25.8	26.0	26.6	27.4	27.8	27.4	26.6	26.0	25.8	26.0	26.6
79.5°	22.8	23.0	23.5	24.3	24.9	24.3	23.5	23.0	22.8	23.0	23.5
80°	20.0	20.3	20.9	21.4	22.1	21.4	20.9	20.3	20.0	20.3	20.9
80.5°	17.4	17.8	18.3	19.0	19.7	19.0	18.3	17.8	17.4	17.8	18.3
81°	15.0	15.4	16.1	16.7	17.4	16.7	16.1	15.4	15.0	15.4	16.1
81.5°	12.9	13.2	14.0	14.8	15.6	14.8	14.0	13.2	12.9	13.2	14.0
82°	11.1	11.4	12.2	12.9	13.8	12.9	12.2	11.4	11.1	11.4	12.2
82.5°	9.5	9.9	10.7	11.3	12.0	11.3	10.7	9.9	9.5	9.9	10.7
83°	8.3	8.6	9.3	9.9	10.4	9.9	9.3	8.6	8.3	8.6	9.3
83.5°	7.3	7.6	8.1	8.4	8.9	8.4	8.1	7.6	7.3	7.6	8.1
84°	6.5	6.7	7.0	7.4	7.7	7.4	7.0	6.7	6.5	6.7	7.0
84.5°	5.8	5.9	6.1	6.3	6.5	6.3	6.1	5.9	5.8	5.9	6.1
85°	5.3	5.2	5.3	5.4	5.5	5.4	5.3	5.2	5.3	5.2	5.3
85.5°	4.5	4.6	4.7	4.6	4.6	4.6	4.7	4.6	4.5	4.6	4.7
86°	4.0	4.1	4.2	4.0	4.0	4.0	4.2	4.1	4.0	4.1	4.2
86.5°	3.3	3.3	3.5	3.4	3.5	3.4	3.5	3.3	3.3	3.3	3.5
87°	2.7	2.8	2.7	2.9	2.9	2.9	2.7	2.8	2.7	2.8	2.7
87.5°	2.1	2.2	2.3	2.2	2.3	2.2	2.3	2.2	2.1	2.2	2.3
88°	1.6	1.6	1.7	1.9	1.9	1.9	1.7	1.6	1.6	1.6	1.7
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: P895732
CATALOG NUMBER: RLWZC612-6500K

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: P895732
 CATALOG NUMBER: RLWZC612-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	487.0	487.0	487.0	487.0	487.0	487.0
0.5°	487.1	487.7	487.1	486.9	486.9	486.8
1°	487.1	487.6	487.1	486.9	486.9	486.9
1.5°	486.8	487.6	486.8	486.8	486.9	486.7
2°	486.6	487.4	486.6	486.5	486.7	486.7
2.5°	486.3	487.3	486.3	486.3	486.5	486.5
3°	486.0	486.8	486.0	486.1	486.3	486.2
3.5°	485.7	486.3	485.7	485.8	486.1	485.7
4°	485.5	486.0	485.5	485.5	485.9	485.3
4.5°	485.2	485.7	485.2	485.3	485.3	485.1
5°	484.9	485.1	484.9	484.9	485.0	484.7
5.5°	484.5	484.7	484.5	484.3	484.6	484.2
6°	484.0	484.2	484.0	483.7	484.1	483.7
6.5°	483.3	483.7	483.3	483.2	483.6	483.1
7°	482.7	483.1	482.7	482.7	483.0	482.5
7.5°	482.3	482.5	482.3	482.0	482.2	482.0
8°	481.7	481.7	481.7	481.3	481.7	481.3
8.5°	480.7	481.1	480.7	480.6	480.8	480.6
9°	480.0	480.6	480.0	480.0	480.1	479.8
9.5°	479.3	479.6	479.3	479.0	479.2	479.0
10°	478.4	478.9	478.4	478.3	478.4	478.3
10.5°	477.4	477.9	477.4	477.5	477.6	477.4
11°	476.6	477.1	476.6	476.5	476.8	476.7
11.5°	475.7	475.9	475.7	475.4	475.6	475.6
12°	474.7	475.0	474.7	474.3	474.6	474.7
12.5°	473.6	473.9	473.6	473.5	473.5	473.6
13°	472.5	472.8	472.5	472.3	472.4	472.5
13.5°	471.3	471.7	471.3	471.3	471.5	471.3
14°	470.1	470.4	470.1	470.0	470.4	470.2
14.5°	469.2	469.1	469.2	468.8	469.2	468.8
15°	468.1	468.1	468.1	467.5	467.7	467.6
15.5°	466.8	466.6	466.8	466.3	466.7	466.3
16°	465.4	465.6	465.4	465.0	465.2	465.2
16.5°	464.2	464.3	464.2	463.7	463.9	463.8
17°	462.8	462.7	462.8	462.2	462.4	462.1
17.5°	461.4	461.2	461.4	460.7	461.0	460.8
18°	459.8	459.9	459.8	459.2	459.5	459.2
18.5°	458.2	458.4	458.2	457.8	458.0	457.7
19°	456.7	456.8	456.7	456.3	456.7	456.5
19.5°	455.2	455.2	455.2	454.6	455.0	454.9
20°	453.2	453.6	453.2	453.0	453.1	453.2
20.5°	451.5	451.9	451.5	451.4	451.5	451.4
21°	449.8	450.2	449.8	449.7	449.8	449.5
21.5°	448.2	448.4	448.2	448.1	448.0	447.5
22°	446.5	446.6	446.5	446.2	446.3	445.9

TEST NUMBER: P895732
 CATALOG NUMBER: RLWZC612-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	444.7	444.7	444.7	444.2	444.4	444.1
23°	442.7	442.9	442.7	442.4	442.4	442.2
23.5°	440.9	441.1	440.9	440.5	440.6	440.4
24°	438.9	439.1	438.9	438.6	438.7	438.4
24.5°	436.6	437.0	436.6	436.6	436.6	436.4
25°	434.6	434.9	434.6	434.5	434.6	434.4
25.5°	432.5	433.2	432.5	432.4	432.5	432.4
26°	430.6	431.1	430.6	430.3	430.5	430.3
26.5°	428.5	428.8	428.5	428.3	428.3	427.9
27°	426.5	426.9	426.5	426.2	426.2	425.7
27.5°	424.1	424.7	424.1	424.0	424.0	423.6
28°	422.0	422.4	422.0	421.8	421.7	421.4
28.5°	419.9	420.0	419.9	419.5	419.4	419.1
29°	417.3	417.6	417.3	417.1	417.2	416.9
29.5°	415.1	415.2	415.1	414.7	414.9	414.6
30°	412.7	413.0	412.7	412.4	412.5	412.3
30.5°	410.2	410.7	410.2	410.1	410.1	409.9
31°	407.9	408.2	407.9	407.5	407.5	407.4
31.5°	405.5	405.8	405.5	405.1	405.1	404.9
32°	403.1	403.2	403.1	402.6	402.5	402.2
32.5°	400.7	400.7	400.7	399.9	400.0	399.7
33°	398.0	398.1	398.0	397.4	397.5	397.1
33.5°	395.5	395.6	395.5	394.8	394.9	394.5
34°	392.7	393.0	392.7	392.3	392.4	392.1
34.5°	390.0	390.2	390.0	389.7	389.9	389.5
35°	387.3	387.4	387.3	387.0	387.0	386.8
35.5°	384.7	384.8	384.7	384.2	384.3	384.2
36°	381.7	382.1	381.7	381.4	381.6	381.4
36.5°	378.9	379.3	378.9	378.7	378.7	378.6
37°	376.1	376.5	376.1	375.9	375.9	375.8
37.5°	373.3	373.5	373.3	373.1	373.1	373.0
38°	370.5	370.7	370.5	370.2	370.2	370.2
38.5°	367.6	367.8	367.6	367.2	367.3	367.4
39°	364.6	364.9	364.6	364.2	364.4	364.6
39.5°	361.8	362.0	361.8	361.3	361.6	361.7
40°	358.8	359.1	358.8	358.4	358.4	358.7
40.5°	355.7	356.0	355.7	355.4	355.6	355.5
41°	352.6	352.9	352.6	352.2	352.5	352.4
41.5°	349.5	349.9	349.5	349.2	349.4	349.4
42°	346.4	346.8	346.4	346.0	346.3	346.3
42.5°	343.1	343.8	343.1	342.9	343.3	343.2
43°	339.8	340.4	339.8	339.8	340.1	340.0
43.5°	336.6	337.0	336.6	336.4	336.8	336.9
44°	333.2	333.7	333.2	333.2	333.6	333.7
44.5°	330.0	330.3	330.0	330.0	330.4	330.3

TEST NUMBER: P895732
 CATALOG NUMBER: RLWZC612-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	326.5	326.8	326.5	326.5	326.9	326.8
45.5°	323.2	323.2	323.2	323.0	323.5	323.5
46°	319.8	319.9	319.8	319.3	320.1	320.0
46.5°	316.0	316.4	316.0	315.9	316.4	316.3
47°	312.4	312.6	312.4	312.3	312.6	312.4
47.5°	308.7	308.9	308.7	308.5	308.8	308.6
48°	305.0	305.3	305.0	304.7	305.0	305.0
48.5°	301.2	301.4	301.2	300.9	301.2	301.1
49°	297.3	297.5	297.3	297.0	297.2	297.3
49.5°	293.3	293.6	293.3	293.1	293.2	293.4
50°	289.3	289.7	289.3	289.0	289.2	289.2
50.5°	285.2	285.6	285.2	285.0	285.0	284.9
51°	281.1	281.7	281.1	280.9	280.8	280.7
51.5°	277.0	277.4	277.0	276.8	276.7	276.4
52°	272.8	273.2	272.8	272.5	272.5	272.2
52.5°	268.3	268.9	268.3	268.2	268.1	268.1
53°	264.0	264.6	264.0	264.0	263.8	263.9
53.5°	259.8	260.1	259.8	259.6	259.5	259.3
54°	255.4	255.6	255.4	255.1	255.0	255.0
54.5°	250.9	251.2	250.9	250.7	250.7	250.7
55°	246.4	246.8	246.4	246.2	246.2	246.3
55.5°	242.0	242.2	242.0	241.8	241.9	241.6
56°	237.5	237.7	237.5	237.2	237.3	237.0
56.5°	232.9	233.2	232.9	232.9	232.8	232.6
57°	228.3	228.6	228.3	228.2	228.1	228.0
57.5°	223.8	223.9	223.8	223.6	223.6	223.5
58°	219.1	219.3	219.1	218.9	219.0	218.7
58.5°	214.4	214.5	214.4	214.3	214.5	214.3
59°	209.7	209.7	209.7	209.5	209.7	209.6
59.5°	205.0	205.0	205.0	204.8	204.9	204.8
60°	200.2	200.4	200.2	200.1	200.0	200.0
60.5°	195.5	195.5	195.5	195.3	195.4	195.1
61°	190.7	190.7	190.7	190.5	190.4	190.3
61.5°	185.8	185.8	185.8	185.7	185.7	185.7
62°	181.0	180.9	181.0	180.8	180.9	180.9
62.5°	176.1	176.2	176.1	175.9	176.0	176.0
63°	171.0	171.2	171.0	170.9	170.9	171.0
63.5°	166.2	166.3	166.2	166.1	166.1	166.1
64°	161.3	161.4	161.3	161.2	161.1	161.1
64.5°	156.4	156.7	156.4	156.3	156.2	156.1
65°	151.6	151.8	151.6	151.4	151.3	151.2
65.5°	146.6	147.0	146.6	146.4	146.2	146.2
66°	141.6	141.8	141.6	141.3	141.3	141.1
66.5°	136.5	137.0	136.5	136.3	136.2	136.3
67°	131.7	132.1	131.7	131.4	131.4	131.4

TEST NUMBER: P895732
 CATALOG NUMBER: RLWZC612-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	126.7	127.2	126.7	126.3	126.4	126.3
68°	121.8	122.2	121.8	121.5	121.4	121.3
68.5°	117.0	117.4	117.0	116.6	116.5	116.4
69°	112.0	112.5	112.0	111.8	111.6	111.6
69.5°	107.2	107.6	107.2	106.9	106.8	106.7
70°	102.3	102.7	102.3	102.0	101.9	101.7
70.5°	97.4	97.9	97.4	97.1	97.1	97.2
71°	92.7	93.0	92.7	92.4	92.3	92.4
71.5°	88.0	88.4	88.0	87.6	87.6	87.6
72°	83.5	83.7	83.5	83.0	82.9	82.9
72.5°	78.8	79.2	78.8	78.4	78.3	78.2
73°	74.4	74.7	74.4	73.9	73.7	73.5
73.5°	69.8	70.2	69.8	69.3	69.2	69.1
74°	65.5	65.9	65.5	65.0	64.8	64.6
74.5°	61.2	61.5	61.2	60.6	60.3	60.2
75°	56.9	57.2	56.9	56.3	56.1	55.8
75.5°	52.7	53.0	52.7	52.1	51.9	51.6
76°	48.5	48.7	48.5	48.1	47.8	47.6
76.5°	44.5	44.8	44.5	44.0	43.7	43.7
77°	40.8	41.1	40.8	40.2	39.9	39.8
77.5°	37.3	37.5	37.3	36.6	36.2	36.0
78°	33.8	34.1	33.8	33.2	32.7	32.3
78.5°	30.5	30.9	30.5	29.8	29.3	29.0
79°	27.4	27.8	27.4	26.6	26.0	25.8
79.5°	24.3	24.9	24.3	23.5	23.0	22.8
80°	21.4	22.1	21.4	20.9	20.3	20.0
80.5°	19.0	19.7	19.0	18.3	17.8	17.4
81°	16.7	17.4	16.7	16.1	15.4	15.0
81.5°	14.8	15.6	14.8	14.0	13.2	12.9
82°	12.9	13.8	12.9	12.2	11.4	11.1
82.5°	11.3	12.0	11.3	10.7	9.9	9.5
83°	9.9	10.4	9.9	9.3	8.6	8.3
83.5°	8.4	8.9	8.4	8.1	7.6	7.3
84°	7.4	7.7	7.4	7.0	6.7	6.5
84.5°	6.3	6.5	6.3	6.1	5.9	5.8
85°	5.4	5.5	5.4	5.3	5.2	5.3
85.5°	4.6	4.6	4.6	4.7	4.6	4.5
86°	4.0	4.0	4.0	4.2	4.1	4.0
86.5°	3.4	3.5	3.4	3.5	3.3	3.3
87°	2.9	2.9	2.9	2.7	2.8	2.7
87.5°	2.2	2.3	2.2	2.3	2.2	2.1
88°	1.9	1.9	1.9	1.7	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



TEST NUMBER: P895732
CATALOG NUMBER: RLWZC612-6500K

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)