

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: P895729

Luminaire Tested: **RLWZC612-3500K**

Issue Date: 11/14/2024

Tested By:

Approved By:



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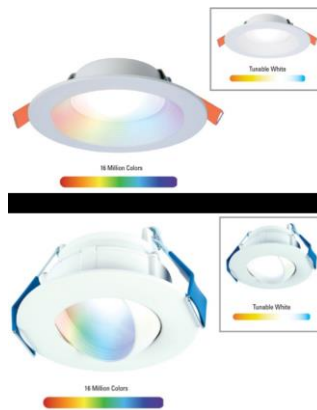
Test Information

Test Method: LM-79-08
 Report Number: P895729
 Test Lab:
 Issue Date: 11/14/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: HALO
 Catalog Number: RLWZC612-3500K
 Description: 6IN DM WiZ SELECTABLE CCT
 Light Source: WiZ SELECTABLE 90CRI / 3500K CCT
 Ballast/Driver: -

Summary

Lumens per Lamp: N/A
 Luminaire Lumens: 1285.0 lumens
 Efficiency: N/A
 Efficacy: 101.2 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

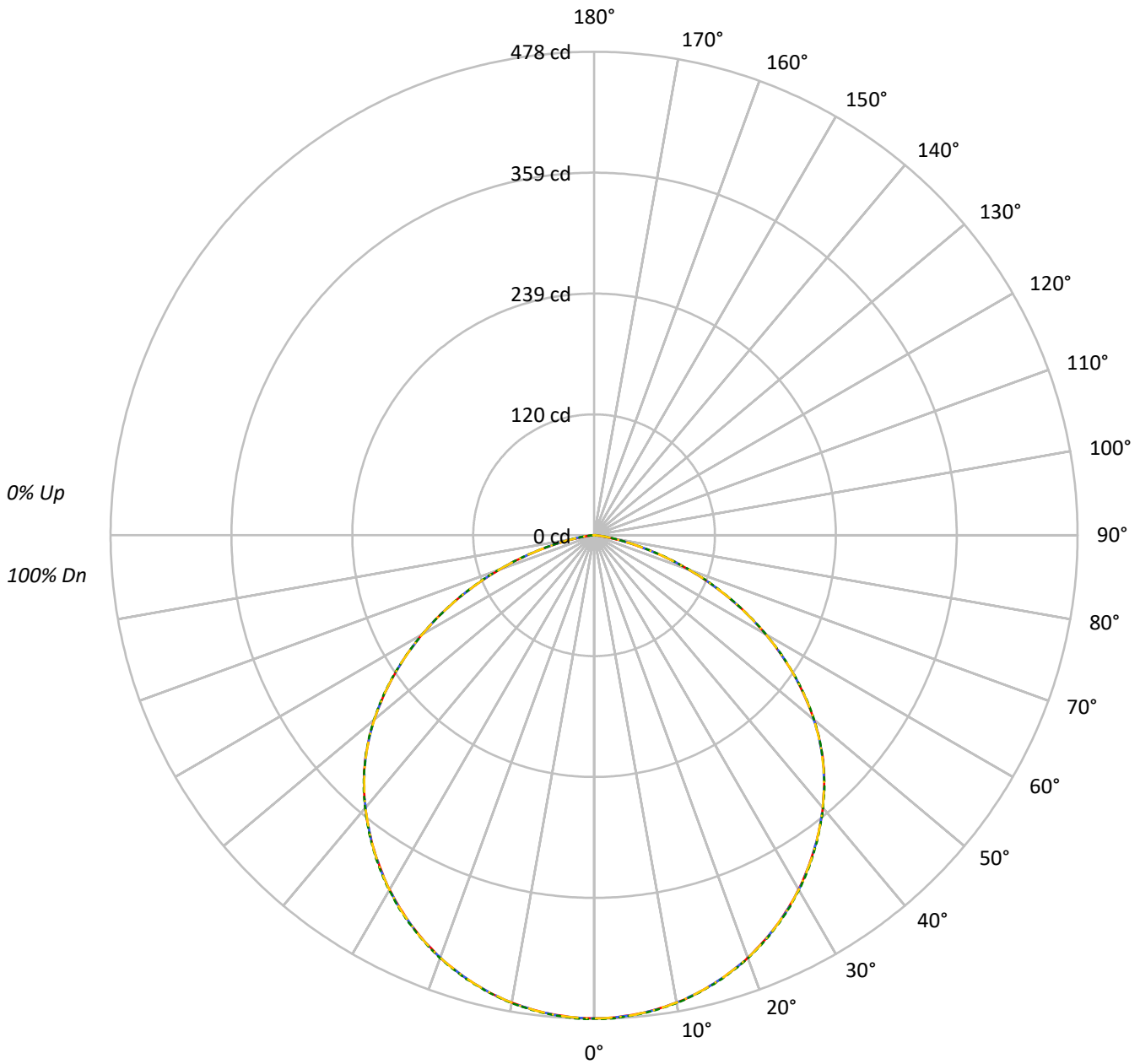
Input Watts (W): 12.7
 Input Voltage (V): NR
 Input Current (Ain): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT



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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CATALOG NUMBER: RLWZC612-3500K

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	62	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°	26188	26188	26188	26188
5°	26161	26183	26161	26183
10°	26118	26152	26118	26152
15°	26033	26061	26033	26061
20°	25937	25961	25937	25961
25°	25774	25804	25774	25804
30°	25605	25650	25605	25650
35°	25391	25431	25391	25431
40°	25176	25204	25176	25204
45°	24855	24855	24855	24855
50°	24195	24238	24195	24238
55°	23091	23139	23091	23139
60°	21511	21544	21511	21544
65°	19237	19315	19237	19315
70°	15996	16157	15996	16157
75°	11586	11882	11586	11882
80°	6188	6851	6188	6851
85°	3271	3397	3271	3397

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 CATALOG NUMBER: RLWZC612-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.2	3.5
10°-20°	129.5	10.1
20°-30°	196.5	15.3
30°-40°	237.5	18.5
40°-50°	246.7	19.2
50°-60°	215.5	16.8
60°-70°	146.6	11.4
70°-80°	59.9	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°	371.2	28.9
0°-40°	608.8	47.4
0°-60°	1071.0	83.3
0°-90°	1285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1285.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	478	478	478	478	478	
5°	475	476	475	476	475	45
15°	459	459	459	459	459	129
25°	426	427	426	427	426	196
35°	379	380	379	380	379	237
45°	321	321	321	321	321	247
55°	242	242	242	242	242	215
65°	148	149	148	149	148	146
75°	55	56	55	56	55	59
85°	5	5	5	5	5	7
90°	0	0	0	0	0	

TEST NUMBER: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	477.7	477.7	477.7	477.7	477.7	477.7	477.7	477.7	477.7	477.7	477.7
0.5°	477.5	477.6	477.6	477.8	478.4	477.8	477.6	477.6	477.5	477.6	477.6
1°	477.6	477.6	477.6	477.8	478.3	477.8	477.6	477.6	477.6	477.6	477.6
1.5°	477.4	477.6	477.5	477.5	478.3	477.5	477.5	477.6	477.4	477.6	477.5
2°	477.4	477.4	477.2	477.3	478.1	477.3	477.2	477.4	477.4	477.4	477.2
2.5°	477.2	477.2	477.0	477.0	478.0	477.0	477.0	477.2	477.2	477.2	477.0
3°	476.9	477.0	476.8	476.7	477.5	476.7	476.8	477.0	476.9	477.0	476.8
3.5°	476.4	476.8	476.5	476.4	477.0	476.4	476.5	476.8	476.4	476.8	476.5
4°	476.0	476.6	476.2	476.2	476.7	476.2	476.2	476.6	476.0	476.6	476.2
4.5°	475.8	476.0	476.0	475.9	476.4	475.9	476.0	476.0	475.8	476.0	476.0
5°	475.4	475.7	475.6	475.6	475.8	475.6	475.6	475.7	475.4	475.7	475.6
5.5°	475.0	475.3	475.0	475.2	475.4	475.2	475.0	475.3	475.0	475.3	475.0
6°	474.5	474.9	474.5	474.8	475.0	474.8	474.5	474.9	474.5	474.9	474.5
6.5°	473.9	474.4	474.0	474.1	474.5	474.1	474.0	474.4	473.9	474.4	474.0
7°	473.3	473.8	473.5	473.5	473.9	473.5	473.5	473.8	473.3	473.8	473.5
7.5°	472.8	473.0	472.8	473.1	473.3	473.1	472.8	473.0	472.8	473.0	472.8
8°	472.1	472.5	472.1	472.5	472.5	472.5	472.1	472.5	472.1	472.5	472.1
8.5°	471.4	471.6	471.4	471.5	471.9	471.5	471.4	471.6	471.4	471.6	471.4
9°	470.6	470.9	470.8	470.8	471.4	470.8	470.8	470.9	470.6	470.9	470.8
9.5°	469.9	470.0	469.9	470.1	470.4	470.1	469.9	470.0	469.9	470.0	469.9
10°	469.2	469.3	469.2	469.3	469.8	469.3	469.2	469.3	469.2	469.3	469.2
10.5°	468.3	468.5	468.4	468.3	468.8	468.3	468.4	468.5	468.3	468.5	468.4
11°	467.6	467.7	467.4	467.5	468.0	467.5	467.4	467.7	467.6	467.7	467.4
11.5°	466.5	466.5	466.3	466.6	466.8	466.6	466.3	466.5	466.5	466.5	466.3
12°	465.6	465.5	465.2	465.6	465.9	465.6	465.2	465.5	465.6	465.5	465.2
12.5°	464.6	464.5	464.5	464.6	464.9	464.6	464.5	464.5	464.6	464.5	464.5
13°	463.5	463.4	463.3	463.5	463.8	463.5	463.3	463.4	463.5	463.4	463.3
13.5°	462.3	462.5	462.3	462.3	462.7	462.3	462.3	462.5	462.3	462.5	462.3
14°	461.2	461.4	461.0	461.1	461.4	461.1	461.0	461.4	461.2	461.4	461.0
14.5°	459.9	460.2	459.9	460.2	460.1	460.2	459.9	460.2	459.9	460.2	459.9
15°	458.7	458.8	458.6	459.2	459.2	459.2	458.6	458.8	458.7	458.8	458.6
15.5°	457.4	457.8	457.4	457.9	457.7	457.9	457.4	457.8	457.4	457.8	457.4
16°	456.3	456.3	456.1	456.5	456.7	456.5	456.1	456.3	456.3	456.3	456.1
16.5°	455.0	455.1	454.9	455.3	455.4	455.3	454.9	455.1	455.0	455.1	454.9
17°	453.3	453.6	453.4	454.0	453.9	454.0	453.4	453.6	453.3	453.6	453.4
17.5°	452.0	452.2	451.9	452.6	452.4	452.6	451.9	452.2	452.0	452.2	451.9
18°	450.4	450.7	450.4	451.0	451.1	451.0	450.4	450.7	450.4	450.7	450.4
18.5°	449.0	449.3	449.1	449.5	449.7	449.5	449.1	449.3	449.0	449.3	449.1
19°	447.8	448.0	447.6	448.0	448.1	448.0	447.6	448.0	447.8	448.0	447.6
19.5°	446.2	446.3	445.9	446.5	446.5	446.5	445.9	446.3	446.2	446.3	445.9
20°	444.6	444.5	444.4	444.6	445.0	444.6	444.4	444.5	444.6	444.5	444.4
20.5°	442.8	442.9	442.8	442.9	443.3	442.9	442.8	442.9	442.8	442.9	442.8
21°	440.9	441.2	441.1	441.2	441.6	441.2	441.1	441.2	440.9	441.2	441.1
21.5°	439.0	439.5	439.6	439.7	439.9	439.7	439.6	439.5	439.0	439.5	439.6
22°	437.4	437.8	437.7	438.0	438.1	438.0	437.7	437.8	437.4	437.8	437.7

TEST NUMBER: P895729
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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°	435.6	435.9	435.7	436.2	436.2	436.2	435.7	435.9	435.6	435.9	435.7
23°	433.8	434.0	434.0	434.3	434.5	434.3	434.0	434.0	433.8	434.0	434.0
23.5°	432.0	432.2	432.1	432.5	432.7	432.5	432.1	432.2	432.0	432.2	432.1
24°	430.1	430.3	430.2	430.5	430.7	430.5	430.2	430.3	430.1	430.3	430.2
24.5°	428.1	428.3	428.3	428.3	428.7	428.3	428.3	428.3	428.1	428.3	428.3
25°	426.1	426.3	426.2	426.3	426.6	426.3	426.2	426.3	426.1	426.3	426.2
25.5°	424.2	424.3	424.2	424.3	425.0	424.3	424.2	424.3	424.2	424.3	424.2
26°	422.1	422.3	422.1	422.4	422.9	422.4	422.1	422.3	422.1	422.3	422.1
26.5°	419.8	420.2	420.2	420.3	420.6	420.3	420.2	420.2	419.8	420.2	420.2
27°	417.6	418.1	418.1	418.4	418.8	418.4	418.1	418.1	417.6	418.1	418.1
27.5°	415.5	415.9	415.9	416.0	416.6	416.0	415.9	415.9	415.5	415.9	415.9
28°	413.4	413.7	413.8	414.0	414.4	414.0	413.8	413.7	413.4	413.7	413.8
28.5°	411.1	411.4	411.5	411.9	412.0	411.9	411.5	411.4	411.1	411.4	411.5
29°	409.0	409.3	409.2	409.4	409.7	409.4	409.2	409.3	409.0	409.3	409.2
29.5°	406.7	407.0	406.8	407.2	407.3	407.2	406.8	407.0	406.7	407.0	406.8
30°	404.5	404.7	404.6	404.9	405.2	404.9	404.6	404.7	404.5	404.7	404.6
30.5°	402.1	402.3	402.3	402.4	402.9	402.4	402.3	402.3	402.1	402.3	402.3
31°	399.7	399.8	399.8	400.2	400.4	400.2	399.8	399.8	399.7	399.8	399.8
31.5°	397.2	397.4	397.4	397.8	398.1	397.8	397.4	397.4	397.2	397.4	397.4
32°	394.6	394.9	395.0	395.4	395.5	395.4	395.0	394.9	394.6	394.9	395.0
32.5°	392.1	392.4	392.3	393.1	393.1	393.1	392.3	392.4	392.1	392.4	392.3
33°	389.6	390.0	389.9	390.5	390.5	390.5	389.9	390.0	389.6	390.0	389.9
33.5°	387.0	387.4	387.3	388.0	388.1	388.0	387.3	387.4	387.0	387.4	387.3
34°	384.6	384.9	384.8	385.3	385.5	385.3	384.8	384.9	384.6	384.9	384.8
34.5°	382.0	382.4	382.2	382.5	382.7	382.5	382.2	382.4	382.0	382.4	382.2
35°	379.4	379.6	379.6	379.9	380.0	379.9	379.6	379.6	379.4	379.6	379.6
35.5°	376.8	376.9	376.8	377.3	377.4	377.3	376.8	376.9	376.8	376.9	376.8
36°	374.1	374.3	374.1	374.4	374.8	374.4	374.1	374.3	374.1	374.3	374.1
36.5°	371.3	371.4	371.4	371.6	372.0	371.6	371.4	371.4	371.3	371.4	371.4
37°	368.6	368.7	368.7	368.9	369.3	368.9	368.7	368.7	368.6	368.7	368.7
37.5°	365.8	365.9	365.9	366.1	366.3	366.1	365.9	365.9	365.8	365.9	365.9
38°	363.1	363.1	363.1	363.4	363.6	363.4	363.1	363.1	363.1	363.1	363.1
38.5°	360.4	360.3	360.2	360.6	360.7	360.6	360.2	360.3	360.4	360.3	360.2
39°	357.6	357.4	357.2	357.6	357.9	357.6	357.2	357.4	357.6	357.4	357.2
39.5°	354.8	354.7	354.4	354.9	355.1	354.9	354.4	354.7	354.8	354.7	354.4
40°	351.8	351.5	351.5	351.9	352.2	351.9	351.5	351.5	351.8	351.5	351.5
40.5°	348.7	348.8	348.6	348.9	349.2	348.9	348.6	348.8	348.7	348.8	348.6
41°	345.7	345.7	345.5	345.8	346.1	345.8	345.5	345.7	345.7	345.7	345.5
41.5°	342.7	342.7	342.5	342.8	343.2	342.8	342.5	342.7	342.7	342.7	342.5
42°	339.7	339.7	339.4	339.8	340.2	339.8	339.4	339.7	339.7	339.7	339.4
42.5°	336.6	336.7	336.3	336.5	337.2	336.5	336.3	336.7	336.6	336.7	336.3
43°	333.5	333.6	333.3	333.3	333.9	333.3	333.3	333.6	333.5	333.6	333.3
43.5°	330.5	330.4	330.0	330.2	330.6	330.2	330.0	330.4	330.5	330.4	330.0
44°	327.3	327.2	326.8	326.8	327.3	326.8	326.8	327.2	327.3	327.2	326.8
44.5°	324.0	324.1	323.7	323.7	324.0	323.7	323.7	324.1	324.0	324.1	323.7

TEST NUMBER: P895729
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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	320.6	320.7	320.3	320.3	320.6	320.3	320.3	320.7	320.6	320.7	320.3
45.5°	317.3	317.3	316.8	317.0	317.0	317.0	316.8	317.3	317.3	317.3	316.8
46°	313.9	314.0	313.2	313.7	313.8	313.7	313.2	314.0	313.9	314.0	313.2
46.5°	310.3	310.4	309.9	310.0	310.4	310.0	309.9	310.4	310.3	310.4	309.9
47°	306.4	306.6	306.3	306.4	306.6	306.4	306.3	306.6	306.4	306.6	306.3
47.5°	302.7	302.9	302.6	302.8	303.0	302.8	302.6	302.9	302.7	302.9	302.6
48°	299.2	299.2	298.9	299.2	299.5	299.2	298.9	299.2	299.2	299.2	298.9
48.5°	295.4	295.5	295.2	295.5	295.7	295.5	295.2	295.5	295.4	295.5	295.2
49°	291.6	291.5	291.3	291.6	291.8	291.6	291.3	291.5	291.6	291.5	291.3
49.5°	287.8	287.6	287.5	287.7	288.0	287.7	287.5	287.6	287.8	287.6	287.5
50°	283.7	283.7	283.5	283.8	284.2	283.8	283.5	283.7	283.7	283.7	283.5
50.5°	279.5	279.6	279.6	279.8	280.2	279.8	279.6	279.6	279.5	279.6	279.6
51°	275.4	275.5	275.6	275.8	276.3	275.8	275.6	275.5	275.4	275.5	275.6
51.5°	271.1	271.4	271.5	271.7	272.1	271.7	271.5	271.4	271.1	271.4	271.5
52°	267.0	267.3	267.3	267.6	268.0	267.6	267.3	267.3	267.0	267.3	267.3
52.5°	263.0	263.0	263.1	263.2	263.8	263.2	263.1	263.0	263.0	263.0	263.1
53°	258.9	258.8	259.0	259.0	259.6	259.0	259.0	258.8	258.9	258.8	259.0
53.5°	254.4	254.6	254.7	254.9	255.2	254.9	254.7	254.6	254.4	254.6	254.7
54°	250.2	250.2	250.3	250.6	250.8	250.6	250.3	250.2	250.2	250.2	250.3
54.5°	246.0	246.0	246.0	246.2	246.4	246.2	246.0	246.0	246.0	246.0	246.0
55°	241.6	241.5	241.5	241.7	242.1	241.7	241.5	241.5	241.6	241.5	241.5
55.5°	237.0	237.3	237.2	237.4	237.6	237.4	237.2	237.3	237.0	237.3	237.2
56°	232.5	232.8	232.7	233.0	233.2	233.0	232.7	232.8	232.5	232.8	232.7
56.5°	228.1	228.3	228.4	228.4	228.7	228.4	228.4	228.3	228.1	228.3	228.4
57°	223.6	223.7	223.8	223.9	224.2	223.9	223.8	223.7	223.6	223.7	223.8
57.5°	219.2	219.3	219.3	219.5	219.6	219.5	219.3	219.3	219.2	219.3	219.3
58°	214.5	214.8	214.7	214.9	215.1	214.9	214.7	214.8	214.5	214.8	214.7
58.5°	210.2	210.4	210.2	210.3	210.4	210.3	210.2	210.4	210.2	210.4	210.2
59°	205.6	205.7	205.5	205.7	205.7	205.7	205.5	205.7	205.6	205.7	205.5
59.5°	200.9	201.0	200.9	201.1	201.1	201.1	200.9	201.0	200.9	201.0	200.9
60°	196.2	196.2	196.3	196.4	196.5	196.4	196.3	196.2	196.2	196.2	196.3
60.5°	191.4	191.6	191.5	191.7	191.7	191.7	191.5	191.6	191.4	191.6	191.5
61°	186.6	186.7	186.8	187.0	187.0	187.0	186.8	186.7	186.6	186.7	186.8
61.5°	182.1	182.1	182.1	182.2	182.2	182.2	182.1	182.1	182.1	182.1	182.1
62°	177.4	177.4	177.3	177.5	177.4	177.5	177.3	177.4	177.4	177.4	177.3
62.5°	172.6	172.6	172.5	172.7	172.8	172.7	172.5	172.6	172.6	172.6	172.5
63°	167.7	167.6	167.6	167.7	167.9	167.7	167.6	167.6	167.7	167.6	167.6
63.5°	162.9	162.9	162.9	163.0	163.1	163.0	162.9	162.9	162.9	162.9	162.9
64°	158.0	158.0	158.1	158.2	158.3	158.2	158.1	158.0	158.0	158.0	158.1
64.5°	153.1	153.2	153.3	153.4	153.7	153.4	153.3	153.2	153.1	153.2	153.3
65°	148.3	148.4	148.5	148.7	148.9	148.7	148.5	148.4	148.3	148.4	148.5
65.5°	143.4	143.4	143.6	143.8	144.2	143.8	143.6	143.4	143.4	143.4	143.6
66°	138.4	138.6	138.6	138.9	139.1	138.9	138.6	138.6	138.4	138.6	138.6
66.5°	133.7	133.6	133.7	133.9	134.4	133.9	133.7	133.6	133.7	133.6	133.7
67°	128.9	128.9	128.9	129.2	129.6	129.2	128.9	128.9	128.9	128.9	128.9

TEST NUMBER: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	123.9	124.0	123.9	124.3	124.8	124.3	123.9	124.0	123.9	124.0	123.9
68°	119.0	119.1	119.2	119.5	119.9	119.5	119.2	119.1	119.0	119.1	119.2
68.5°	114.2	114.3	114.4	114.8	115.2	114.8	114.4	114.3	114.2	114.3	114.4
69°	109.5	109.5	109.7	109.9	110.4	109.9	109.7	109.5	109.5	109.5	109.7
69.5°	104.7	104.8	104.9	105.2	105.6	105.2	104.9	104.8	104.7	104.8	104.9
70°	99.8	100.0	100.1	100.4	100.8	100.4	100.1	100.0	99.8	100.0	100.1
70.5°	95.4	95.3	95.3	95.6	96.1	95.6	95.3	95.3	95.4	95.3	95.3
71°	90.7	90.6	90.7	91.0	91.3	91.0	90.7	90.6	90.7	90.6	90.7
71.5°	86.0	86.0	86.0	86.4	86.8	86.4	86.0	86.0	86.0	86.0	86.0
72°	81.4	81.4	81.5	82.0	82.1	82.0	81.5	81.4	81.4	81.4	81.5
72.5°	76.7	76.8	76.9	77.3	77.7	77.3	76.9	76.8	76.7	76.8	76.9
73°	72.1	72.2	72.4	72.9	73.2	72.9	72.4	72.2	72.1	72.2	72.4
73.5°	67.7	67.8	67.9	68.4	68.8	68.4	67.9	67.8	67.7	67.8	67.9
74°	63.3	63.5	63.7	64.2	64.6	64.2	63.7	63.5	63.3	63.5	63.7
74.5°	59.0	59.1	59.4	60.0	60.3	60.0	59.4	59.1	59.0	59.1	59.4
75°	54.7	55.0	55.2	55.8	56.1	55.8	55.2	55.0	54.7	55.0	55.2
75.5°	50.6	50.9	51.1	51.7	52.0	51.7	51.1	50.9	50.6	50.9	51.1
76°	46.7	46.9	47.2	47.5	47.7	47.5	47.2	46.9	46.7	46.9	47.2
76.5°	42.8	42.8	43.1	43.6	43.9	43.6	43.1	42.8	42.8	42.8	43.1
77°	39.0	39.1	39.4	40.0	40.3	40.0	39.4	39.1	39.0	39.1	39.4
77.5°	35.3	35.5	35.9	36.6	36.8	36.6	35.9	35.5	35.3	35.5	35.9
78°	31.7	32.1	32.5	33.1	33.4	33.1	32.5	32.1	31.7	32.1	32.5
78.5°	28.4	28.7	29.2	29.9	30.3	29.9	29.2	28.7	28.4	28.7	29.2
79°	25.3	25.5	26.1	26.9	27.3	26.9	26.1	25.5	25.3	25.5	26.1
79.5°	22.4	22.5	23.0	23.8	24.4	23.8	23.0	22.5	22.4	22.5	23.0
80°	19.6	19.9	20.5	21.0	21.7	21.0	20.5	19.9	19.6	19.9	20.5
80.5°	17.1	17.4	17.9	18.6	19.3	18.6	17.9	17.4	17.1	17.4	17.9
81°	14.7	15.1	15.8	16.4	17.1	16.4	15.8	15.1	14.7	15.1	15.8
81.5°	12.6	12.9	13.7	14.5	15.3	14.5	13.7	12.9	12.6	12.9	13.7
82°	10.9	11.2	12.0	12.6	13.5	12.6	12.0	11.2	10.9	11.2	12.0
82.5°	9.3	9.7	10.5	11.1	11.8	11.1	10.5	9.7	9.3	9.7	10.5
83°	8.1	8.4	9.1	9.7	10.2	9.7	9.1	8.4	8.1	8.4	9.1
83.5°	7.2	7.5	7.9	8.2	8.7	8.2	7.9	7.5	7.2	7.5	7.9
84°	6.4	6.6	6.9	7.3	7.5	7.3	6.9	6.6	6.4	6.6	6.9
84.5°	5.7	5.8	6.0	6.2	6.4	6.2	6.0	5.8	5.7	5.8	6.0
85°	5.2	5.1	5.2	5.3	5.4	5.3	5.2	5.1	5.2	5.1	5.2
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°	2.1	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: P895729
CATALOG NUMBER: RLWZC612-3500K

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: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	477.7	477.7	477.7	477.7	477.7	477.7
0.5°	477.8	478.4	477.8	477.6	477.6	477.5
1°	477.8	478.3	477.8	477.6	477.6	477.6
1.5°	477.5	478.3	477.5	477.5	477.6	477.4
2°	477.3	478.1	477.3	477.2	477.4	477.4
2.5°	477.0	478.0	477.0	477.0	477.2	477.2
3°	476.7	477.5	476.7	476.8	477.0	476.9
3.5°	476.4	477.0	476.4	476.5	476.8	476.4
4°	476.2	476.7	476.2	476.2	476.6	476.0
4.5°	475.9	476.4	475.9	476.0	476.0	475.8
5°	475.6	475.8	475.6	475.6	475.7	475.4
5.5°	475.2	475.4	475.2	475.0	475.3	475.0
6°	474.8	475.0	474.8	474.5	474.9	474.5
6.5°	474.1	474.5	474.1	474.0	474.4	473.9
7°	473.5	473.9	473.5	473.5	473.8	473.3
7.5°	473.1	473.3	473.1	472.8	473.0	472.8
8°	472.5	472.5	472.5	472.1	472.5	472.1
8.5°	471.5	471.9	471.5	471.4	471.6	471.4
9°	470.8	471.4	470.8	470.8	470.9	470.6
9.5°	470.1	470.4	470.1	469.9	470.0	469.9
10°	469.3	469.8	469.3	469.2	469.3	469.2
10.5°	468.3	468.8	468.3	468.4	468.5	468.3
11°	467.5	468.0	467.5	467.4	467.7	467.6
11.5°	466.6	466.8	466.6	466.3	466.5	466.5
12°	465.6	465.9	465.6	465.2	465.5	465.6
12.5°	464.6	464.9	464.6	464.5	464.5	464.6
13°	463.5	463.8	463.5	463.3	463.4	463.5
13.5°	462.3	462.7	462.3	462.3	462.5	462.3
14°	461.1	461.4	461.1	461.0	461.4	461.2
14.5°	460.2	460.1	460.2	459.9	460.2	459.9
15°	459.2	459.2	459.2	458.6	458.8	458.7
15.5°	457.9	457.7	457.9	457.4	457.8	457.4
16°	456.5	456.7	456.5	456.1	456.3	456.3
16.5°	455.3	455.4	455.3	454.9	455.1	455.0
17°	454.0	453.9	454.0	453.4	453.6	453.3
17.5°	452.6	452.4	452.6	451.9	452.2	452.0
18°	451.0	451.1	451.0	450.4	450.7	450.4
18.5°	449.5	449.7	449.5	449.1	449.3	449.0
19°	448.0	448.1	448.0	447.6	448.0	447.8
19.5°	446.5	446.5	446.5	445.9	446.3	446.2
20°	444.6	445.0	444.6	444.4	444.5	444.6
20.5°	442.9	443.3	442.9	442.8	442.9	442.8
21°	441.2	441.6	441.2	441.1	441.2	440.9
21.5°	439.7	439.9	439.7	439.6	439.5	439.0
22°	438.0	438.1	438.0	437.7	437.8	437.4

TEST NUMBER: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	436.2	436.2	436.2	435.7	435.9	435.6
23°	434.3	434.5	434.3	434.0	434.0	433.8
23.5°	432.5	432.7	432.5	432.1	432.2	432.0
24°	430.5	430.7	430.5	430.2	430.3	430.1
24.5°	428.3	428.7	428.3	428.3	428.3	428.1
25°	426.3	426.6	426.3	426.2	426.3	426.1
25.5°	424.3	425.0	424.3	424.2	424.3	424.2
26°	422.4	422.9	422.4	422.1	422.3	422.1
26.5°	420.3	420.6	420.3	420.2	420.2	419.8
27°	418.4	418.8	418.4	418.1	418.1	417.6
27.5°	416.0	416.6	416.0	415.9	415.9	415.5
28°	414.0	414.4	414.0	413.8	413.7	413.4
28.5°	411.9	412.0	411.9	411.5	411.4	411.1
29°	409.4	409.7	409.4	409.2	409.3	409.0
29.5°	407.2	407.3	407.2	406.8	407.0	406.7
30°	404.9	405.2	404.9	404.6	404.7	404.5
30.5°	402.4	402.9	402.4	402.3	402.3	402.1
31°	400.2	400.4	400.2	399.8	399.8	399.7
31.5°	397.8	398.1	397.8	397.4	397.4	397.2
32°	395.4	395.5	395.4	395.0	394.9	394.6
32.5°	393.1	393.1	393.1	392.3	392.4	392.1
33°	390.5	390.5	390.5	389.9	390.0	389.6
33.5°	388.0	388.1	388.0	387.3	387.4	387.0
34°	385.3	385.5	385.3	384.8	384.9	384.6
34.5°	382.5	382.7	382.5	382.2	382.4	382.0
35°	379.9	380.0	379.9	379.6	379.6	379.4
35.5°	377.3	377.4	377.3	376.8	376.9	376.8
36°	374.4	374.8	374.4	374.1	374.3	374.1
36.5°	371.6	372.0	371.6	371.4	371.4	371.3
37°	368.9	369.3	368.9	368.7	368.7	368.6
37.5°	366.1	366.3	366.1	365.9	365.9	365.8
38°	363.4	363.6	363.4	363.1	363.1	363.1
38.5°	360.6	360.7	360.6	360.2	360.3	360.4
39°	357.6	357.9	357.6	357.2	357.4	357.6
39.5°	354.9	355.1	354.9	354.4	354.7	354.8
40°	351.9	352.2	351.9	351.5	351.5	351.8
40.5°	348.9	349.2	348.9	348.6	348.8	348.7
41°	345.8	346.1	345.8	345.5	345.7	345.7
41.5°	342.8	343.2	342.8	342.5	342.7	342.7
42°	339.8	340.2	339.8	339.4	339.7	339.7
42.5°	336.5	337.2	336.5	336.3	336.7	336.6
43°	333.3	333.9	333.3	333.3	333.6	333.5
43.5°	330.2	330.6	330.2	330.0	330.4	330.5
44°	326.8	327.3	326.8	326.8	327.2	327.3
44.5°	323.7	324.0	323.7	323.7	324.1	324.0

TEST NUMBER: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	320.3	320.6	320.3	320.3	320.7	320.6
45.5°	317.0	317.0	317.0	316.8	317.3	317.3
46°	313.7	313.8	313.7	313.2	314.0	313.9
46.5°	310.0	310.4	310.0	309.9	310.4	310.3
47°	306.4	306.6	306.4	306.3	306.6	306.4
47.5°	302.8	303.0	302.8	302.6	302.9	302.7
48°	299.2	299.5	299.2	298.9	299.2	299.2
48.5°	295.5	295.7	295.5	295.2	295.5	295.4
49°	291.6	291.8	291.6	291.3	291.5	291.6
49.5°	287.7	288.0	287.7	287.5	287.6	287.8
50°	283.8	284.2	283.8	283.5	283.7	283.7
50.5°	279.8	280.2	279.8	279.6	279.6	279.5
51°	275.8	276.3	275.8	275.6	275.5	275.4
51.5°	271.7	272.1	271.7	271.5	271.4	271.1
52°	267.6	268.0	267.6	267.3	267.3	267.0
52.5°	263.2	263.8	263.2	263.1	263.0	263.0
53°	259.0	259.6	259.0	259.0	258.8	258.9
53.5°	254.9	255.2	254.9	254.7	254.6	254.4
54°	250.6	250.8	250.6	250.3	250.2	250.2
54.5°	246.2	246.4	246.2	246.0	246.0	246.0
55°	241.7	242.1	241.7	241.5	241.5	241.6
55.5°	237.4	237.6	237.4	237.2	237.3	237.0
56°	233.0	233.2	233.0	232.7	232.8	232.5
56.5°	228.4	228.7	228.4	228.4	228.3	228.1
57°	223.9	224.2	223.9	223.8	223.7	223.6
57.5°	219.5	219.6	219.5	219.3	219.3	219.2
58°	214.9	215.1	214.9	214.7	214.8	214.5
58.5°	210.3	210.4	210.3	210.2	210.4	210.2
59°	205.7	205.7	205.7	205.5	205.7	205.6
59.5°	201.1	201.1	201.1	200.9	201.0	200.9
60°	196.4	196.5	196.4	196.3	196.2	196.2
60.5°	191.7	191.7	191.7	191.5	191.6	191.4
61°	187.0	187.0	187.0	186.8	186.7	186.6
61.5°	182.2	182.2	182.2	182.1	182.1	182.1
62°	177.5	177.4	177.5	177.3	177.4	177.4
62.5°	172.7	172.8	172.7	172.5	172.6	172.6
63°	167.7	167.9	167.7	167.6	167.6	167.7
63.5°	163.0	163.1	163.0	162.9	162.9	162.9
64°	158.2	158.3	158.2	158.1	158.0	158.0
64.5°	153.4	153.7	153.4	153.3	153.2	153.1
65°	148.7	148.9	148.7	148.5	148.4	148.3
65.5°	143.8	144.2	143.8	143.6	143.4	143.4
66°	138.9	139.1	138.9	138.6	138.6	138.4
66.5°	133.9	134.4	133.9	133.7	133.6	133.7
67°	129.2	129.6	129.2	128.9	128.9	128.9

TEST NUMBER: P895729
 CATALOG NUMBER: RLWZC612-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	124.3	124.8	124.3	123.9	124.0	123.9
68°	119.5	119.9	119.5	119.2	119.1	119.0
68.5°	114.8	115.2	114.8	114.4	114.3	114.2
69°	109.9	110.4	109.9	109.7	109.5	109.5
69.5°	105.2	105.6	105.2	104.9	104.8	104.7
70°	100.4	100.8	100.4	100.1	100.0	99.8
70.5°	95.6	96.1	95.6	95.3	95.3	95.4
71°	91.0	91.3	91.0	90.7	90.6	90.7
71.5°	86.4	86.8	86.4	86.0	86.0	86.0
72°	82.0	82.1	82.0	81.5	81.4	81.4
72.5°	77.3	77.7	77.3	76.9	76.8	76.7
73°	72.9	73.2	72.9	72.4	72.2	72.1
73.5°	68.4	68.8	68.4	67.9	67.8	67.7
74°	64.2	64.6	64.2	63.7	63.5	63.3
74.5°	60.0	60.3	60.0	59.4	59.1	59.0
75°	55.8	56.1	55.8	55.2	55.0	54.7
75.5°	51.7	52.0	51.7	51.1	50.9	50.6
76°	47.5	47.7	47.5	47.2	46.9	46.7
76.5°	43.6	43.9	43.6	43.1	42.8	42.8
77°	40.0	40.3	40.0	39.4	39.1	39.0
77.5°	36.6	36.8	36.6	35.9	35.5	35.3
78°	33.1	33.4	33.1	32.5	32.1	31.7
78.5°	29.9	30.3	29.9	29.2	28.7	28.4
79°	26.9	27.3	26.9	26.1	25.5	25.3
79.5°	23.8	24.4	23.8	23.0	22.5	22.4
80°	21.0	21.7	21.0	20.5	19.9	19.6
80.5°	18.6	19.3	18.6	17.9	17.4	17.1
81°	16.4	17.1	16.4	15.8	15.1	14.7
81.5°	14.5	15.3	14.5	13.7	12.9	12.6
82°	12.6	13.5	12.6	12.0	11.2	10.9
82.5°	11.1	11.8	11.1	10.5	9.7	9.3
83°	9.7	10.2	9.7	9.1	8.4	8.1
83.5°	8.2	8.7	8.2	7.9	7.5	7.2
84°	7.3	7.5	7.3	6.9	6.6	6.4
84.5°	6.2	6.4	6.2	6.0	5.8	5.7
85°	5.3	5.4	5.3	5.2	5.1	5.2
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°	2.2	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: P895729
CATALOG NUMBER: RLWZC612-3500K

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)