

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: NEORAY

Report Number: Scaled from CRT2202031552-001

Luminaire Tested: **GUV-W-2**

Issue Date: 04/01/2022



Test Information

Test Method: LM-79-08
Report Number: Scaled from CRT2202031552-001
The data set was measured in RADIOMETRIC UNITS.
Test Lab: Intertek Cortland
Issue Date: 04/01/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEORAY
Catalog Number: GUV-W-2
Description: Define Upper Air 2' Wall Mount Fixture
Light Source: (1) 17W T8
Ballast/Driver: -

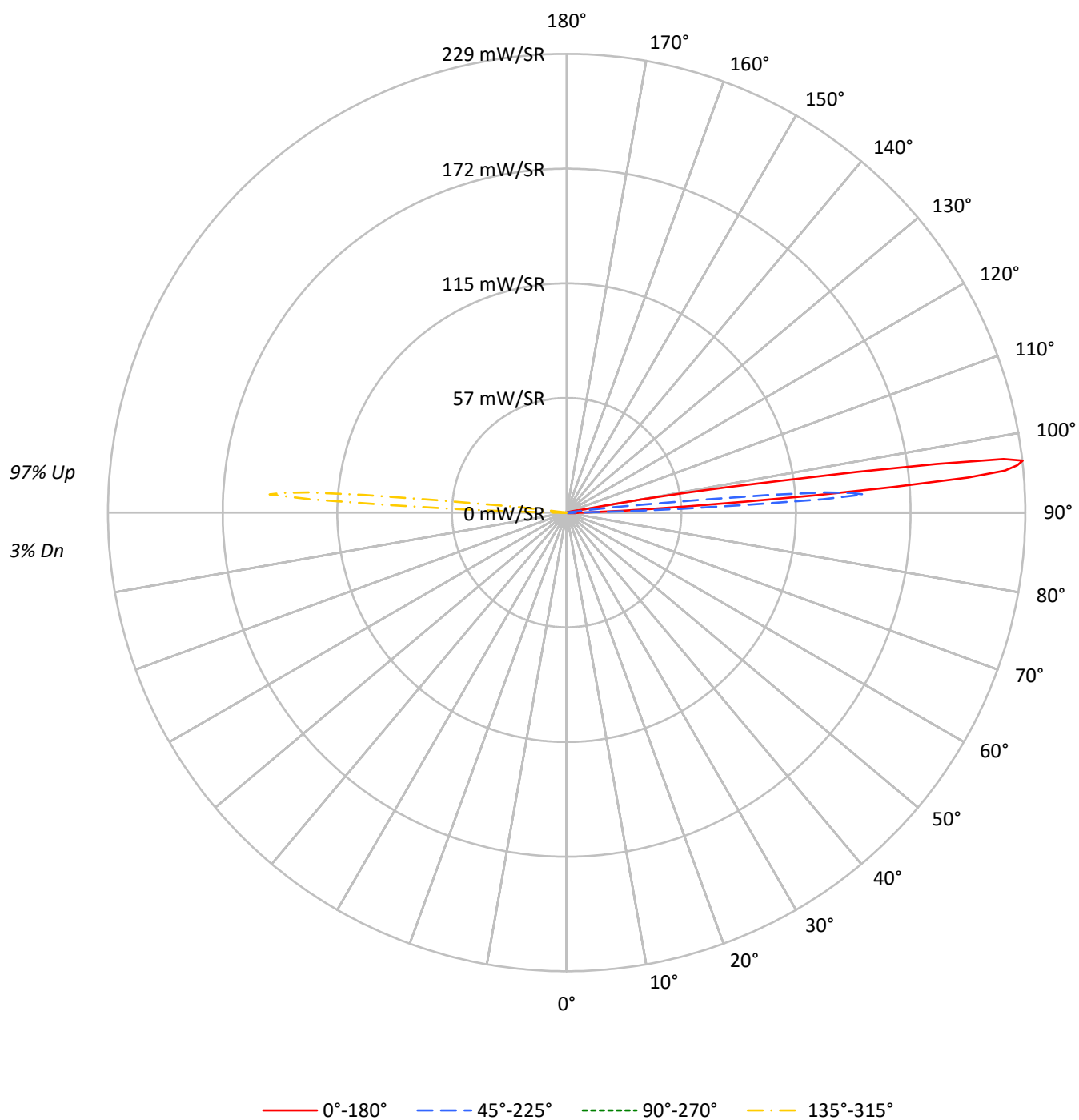
Summary

Output per Lamp: N/A
Luminaire UV Output: 30.1 mW
Efficiency: N/A
UV Efficacy: 1.9 UV mW/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
CIE Type: Indirect

Input Watts (W): 16
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: 6.8 FT

TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

Intensity Polar Plot





TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	96	96	96	96	83	83	83	83	57	57	57	35	35	35	13	13	13
1	86	82	78	74	74	70	67	64	48	46	45	29	27	26	10	10	9
2	78	71	65	60	67	61	56	52	42	39	36	25	23	21	9	8	7
3	71	62	55	50	61	54	48	43	37	33	30	22	20	18	8	7	6
4	65	55	47	42	55	47	41	36	33	29	26	19	17	15	7	6	5
5	59	49	41	35	51	42	35	31	29	25	22	17	15	13	6	5	4
6	55	43	36	30	46	37	31	26	26	22	19	15	13	11	5	4	4
7	50	39	31	26	43	33	27	23	23	19	16	14	11	10	5	4	3
8	46	35	28	23	40	30	24	20	21	17	14	12	10	8	4	4	3
9	43	32	25	20	37	27	21	17	19	15	12	11	9	7	4	3	2
10	40	29	22	17	34	25	19	15	17	13	11	10	8	6	4	3	2

AVERAGE LUMINANCE (mW/SR/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	0	0	0	0
10°	0	0	0	0
15°	0	0	0	0
20°	0	0	0	0
25°	0	0	0	0
30°	0	0	0	0
35°	0	0	0	0
40°	0	0	0	0
45°	0	0	0	0
50°	0	0	0	0
55°	0	0	0	0
60°	0	0	0	0
65°	5	0	0	0
70°	13	0	0	0
75°	37	0	0	0
80°	87	0	0	0
85°	309	0	0	0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

ZONAL OUTPUT:

Zone	Lumens	% Fixture
0°-10°	0.0	0.0
10°-20°	0.0	0.0
20°-30°	0.0	0.0
30°-40°	0.0	0.0
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.1
70°-80°	0.2	0.6
80°-90°	0.8	2.7
90°-100°	28.5	94.8
100°-110°	0.5	1.7
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°	0.0	0.0
0°-40°	0.0	0.0
0°-60°	0.0	0.0
0°-90°	1.0	3.5
90°-120°	29.0	96.5
90°-150°	29.0	96.5
90°-180°	29.0	96.4
0°-180°	30.1	100.0

INTENSITY DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	0	0	0	0	0	0
15°	0	0	0	0	0	0
25°	0	0	0	0	0	0
35°	0	0	0	0	0	0
45°	0	0	0	0	0	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	1	0	0	0	1	1
85°	2	0	0	0	2	2
90°	6	0	0	0	6	6
95°	201	0	0	0	201	117
105°	0	0	0	0	0	4
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.5	2.2	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.1	6.5	5.8	4.0	1.8	0.7	0.0	0.0	0.0	0.0	0.0
90.5°	8.0	8.7	8.0	6.5	5.1	5.4	0.0	0.0	0.0	0.0	0.0
91°	10.8	12.3	13.0	14.8	18.8	17.3	0.0	0.0	0.0	0.0	0.0
91.5°	16.3	21.0	25.7	32.2	42.7	17.0	0.0	0.0	0.0	0.0	0.0
92°	27.1	35.1	43.4	57.5	72.3	5.8	0.0	0.0	0.0	0.0	0.0
92.5°	41.6	52.8	68.0	89.6	87.1	0.4	0.0	0.0	0.0	0.0	0.0
93°	61.4	77.7	99.8	128.0	75.5	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	89.6	110.2	137.3	148.6	53.1	0.0	0.0	0.0	0.0	0.0	0.0
94°	125.1	148.6	176.4	142.4	25.7	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	163.7	188.7	190.5	129.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0
95°	201.3	212.2	186.5	101.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	219.8	214.7	177.8	65.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
96°	226.3	213.6	156.9	36.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	229.2	204.9	120.4	23.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
97°	219.8	175.3	81.0	11.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	186.5	136.3	53.5	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
98°	146.4	96.1	37.6	2.9	0.4	0.4	0.0	0.0	0.0	0.0	0.0
98.5°	107.7	69.0	22.8	2.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0
99°	79.9	51.0	9.8	2.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0
99.5°	58.9	32.9	5.8	1.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0
100°	38.3	16.6	4.3	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0
100.5°	19.2	8.3	3.6	1.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0
101°	9.0	5.8	3.3	0.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0
101.5°	6.1	4.7	2.5	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
102°	5.4	4.3	2.2	0.7	0.4	0.4	0.0	0.0	0.0	0.0	0.0
102.5°	4.7	3.6	1.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
103°	4.0	2.9	0.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	3.3	2.2	0.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
104°	2.5	1.1	0.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	1.4	0.4	0.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.4	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	4.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	5.1	6.5
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	18.8	14.8
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	42.7	32.2
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	72.3	57.5
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	87.1	89.6
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.5	128.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	148.6
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	142.4
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	129.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	101.6
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	65.8
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	36.5
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	23.5
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	11.6
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.3
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	2.9
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	2.2
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	2.2
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.8
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.4
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.1
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.7
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (continued):

	330°	345°	360°
0°	0.0	0.0	0.0
10°	0.0	0.0	0.0
20°	0.0	0.0	0.0
30°	0.0	0.0	0.0
40°	0.0	0.0	0.0
50°	0.0	0.0	0.0
60°	0.0	0.0	0.0
70°	0.4	0.4	0.4
80°	0.7	1.4	1.4
85°	1.4	2.2	2.5
90°	5.8	6.5	6.1
90.5°	8.0	8.7	8.0
91°	13.0	12.3	10.8
91.5°	25.7	21.0	16.3
92°	43.4	35.1	27.1
92.5°	68.0	52.8	41.6
93°	99.8	77.7	61.4
93.5°	137.3	110.2	89.6
94°	176.4	148.6	125.1
94.5°	190.5	188.7	163.7
95°	186.5	212.2	201.3
95.5°	177.8	214.7	219.8
96°	156.9	213.6	226.3
96.5°	120.4	204.9	229.2
97°	81.0	175.3	219.8
97.5°	53.5	136.3	186.5
98°	37.6	96.1	146.4
98.5°	22.8	69.0	107.7
99°	9.8	51.0	79.9
99.5°	5.8	32.9	58.9
100°	4.3	16.6	38.3
100.5°	3.6	8.3	19.2
101°	3.3	5.8	9.0
101.5°	2.5	4.7	6.1
102°	2.2	4.3	5.4
102.5°	1.4	3.6	4.7
103°	0.7	2.9	4.0
103.5°	0.7	2.2	3.3
104°	0.4	1.1	2.5
104.5°	0.4	0.4	1.4
105°	0.4	0.0	0.4
110°	0.0	0.0	0.0
120°	0.0	0.0	0.0
130°	0.0	0.0	0.0
140°	0.0	0.0	0.0



TEST NUMBER: Scaled from CRT2202031552-001
CATALOG NUMBER: GUV-W-2

INTENSITY DISTRIBUTION (continued):

	330°	345°	360°
150°	0.0	0.0	0.0
160°	0.0	0.0	0.0
170°	0.0	0.0	0.0
180°	0.0	0.0	0.0

(END OF REPORT)