

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P571917

Luminaire Tested: 22ID-30-L835-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571917
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-1)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-30-L835-SWR
Description: 3000 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3500K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2985.0 lumens
Efficiency: N/A
Efficacy: 123.3 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.2 / 1.35
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

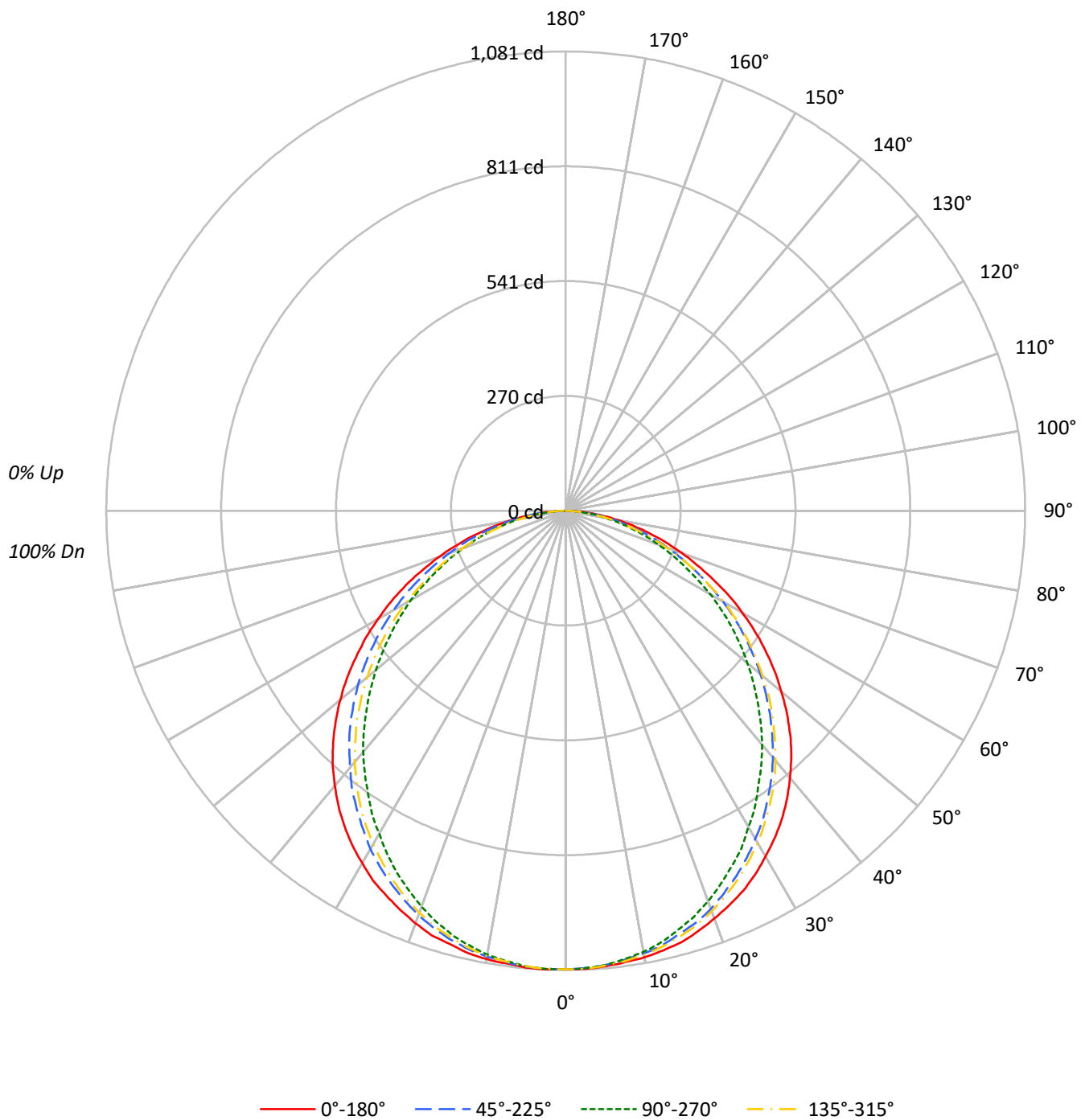
Input Watts (W): 24.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	51	46
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	33	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2904	2904	2904	2904
5°	2908	2900	2915	2908
10°	2917	2880	2929	2901
15°	2929	2846	2941	2879
20°	2925	2802	2959	2840
25°	2932	2743	2967	2791
30°	2921	2672	2976	2727
35°	2913	2596	2981	2664
40°	2885	2526	2969	2604
45°	2844	2432	2945	2522
50°	2774	2340	2899	2439
55°	2692	2233	2831	2351
60°	2585	2115	2745	2258
65°	2436	1964	2643	2124
70°	2286	1820	2485	2006
75°	2112	1649	2312	1865
80°	1908	1447	2046	1677
85°	1556	1189	1602	1420

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 2945 cd/sqm

TEST NUMBER: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.2	3.4
10°-20°	293.3	9.8
20°-30°	442.8	14.8
30°-40°	528.7	17.7
40°-50°	539.4	18.1
50°-60°	475.7	15.9
60°-70°	351.6	11.8
70°-80°	198.2	6.6
80°-90°	53.1	1.8
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°	838.3	28.1
0°-40°	1367.0	45.8
0°-60°	2382.1	79.8
0°-90°	2985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2985.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1079	1079	1079	1079	1079	
5°	1076	1073	1079	1076	1076	102
15°	1051	1022	1056	1033	1051	297
25°	987	924	999	940	987	455
35°	887	790	907	811	887	554
45°	747	639	774	663	747	575
55°	574	476	603	501	574	513
65°	382	308	415	334	382	380
75°	203	159	222	179	203	216
85°	50	38	52	46	50	59
90°	0	0	0	0	0	

TEST NUMBER: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1079.3	1079.3	1079.3	1077.9	1076.4	1076.4	1077.9	1077.9	1076.4	1077.9
5°	1076.4	1076.4	1076.4	1074.9	1073.4	1073.4	1073.4	1073.4	1071.9	1073.4	1073.4
7.5°	1071.9	1071.9	1071.9	1070.4	1069.0	1069.0	1069.0	1067.5	1066.0	1067.5	1066.0
10°	1067.5	1066.0	1066.0	1066.0	1063.0	1061.5	1061.5	1061.5	1060.1	1060.1	1058.6
12.5°	1060.1	1058.6	1058.6	1057.1	1055.6	1054.1	1052.6	1051.2	1049.7	1048.2	1048.2
15°	1051.2	1051.2	1048.2	1046.7	1043.8	1042.3	1040.8	1039.3	1036.3	1034.9	1031.9
17.5°	1037.8	1037.8	1034.9	1033.4	1030.4	1027.4	1027.4	1024.5	1021.5	1018.5	1017.1
20°	1021.5	1023.0	1021.5	1018.5	1014.1	1012.6	1011.1	1008.2	1003.7	1000.8	997.8
22.5°	1005.2	1006.7	1003.7	999.3	996.3	994.8	991.9	987.4	983.0	978.5	974.1
25°	987.4	985.9	983.0	980.0	975.6	974.1	971.1	966.7	959.2	954.8	948.9
27.5°	965.2	965.2	960.7	957.8	950.4	950.4	945.9	940.0	934.0	926.6	922.2
30°	940.0	940.0	937.0	932.6	925.1	923.7	919.2	914.8	905.9	898.5	892.5
32.5°	914.8	913.3	910.3	905.9	898.5	895.5	891.0	885.1	877.7	867.3	862.9
35°	886.6	885.1	880.7	874.7	868.8	865.8	861.4	854.0	846.6	836.2	828.8
37.5°	855.5	854.0	849.5	843.6	836.2	833.2	828.8	821.4	811.0	803.6	794.7
40°	821.4	819.9	816.9	811.0	803.6	800.6	794.7	787.3	775.4	766.5	759.1
42.5°	785.8	784.3	779.9	772.4	766.5	763.5	757.6	750.2	739.8	729.4	719.1
45°	747.2	745.8	741.3	732.4	728.0	723.5	717.6	710.2	701.3	692.4	680.5
47.5°	705.7	704.2	701.3	693.9	685.0	683.5	677.6	670.1	659.8	647.9	639.0
50°	662.7	662.7	658.3	652.3	646.4	642.0	636.0	628.6	615.3	607.9	597.5
52.5°	619.7	618.2	615.3	607.9	603.4	599.0	591.6	587.1	573.8	567.8	556.0
55°	573.8	572.3	566.4	561.9	558.9	554.5	548.6	539.7	532.3	523.4	513.0
57.5°	527.8	526.3	521.9	518.9	513.0	508.5	502.6	496.7	486.3	480.4	470.0
60°	480.4	480.4	477.4	473.0	467.0	462.6	458.1	452.2	443.3	434.4	427.0
62.5°	432.9	432.9	428.5	424.0	421.1	416.6	413.6	406.2	398.8	392.9	381.0
65°	382.5	382.5	376.6	375.1	372.1	369.2	364.7	357.3	352.9	342.5	338.0
67.5°	335.1	336.6	332.1	332.1	327.7	324.7	320.2	314.3	309.9	301.0	296.5
70°	290.6	292.1	289.1	287.6	283.2	280.2	277.2	272.8	266.9	263.9	256.5
72.5°	246.1	247.6	244.6	244.6	240.2	238.7	235.7	232.8	226.8	223.9	216.5
75°	203.1	201.6	201.6	203.1	198.7	197.2	195.7	189.8	186.8	183.8	177.9
77.5°	161.6	161.6	163.1	161.6	158.6	157.2	154.2	149.7	148.3	146.8	140.8
80°	123.1	124.5	124.5	123.1	120.1	118.6	117.1	112.7	111.2	111.2	106.7
82.5°	86.0	86.0	84.5	86.0	83.0	81.5	83.0	78.6	77.1	77.1	74.1
85°	50.4	48.9	48.9	50.4	48.9	48.9	48.9	46.0	46.0	46.0	43.0
87.5°	19.3	19.3	20.8	20.8	19.3	19.3	19.3	19.3	17.8	17.8	16.3
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1076.4	1076.4	1076.4	1076.4	1077.9	1076.4	1077.9	1077.9	1079.3	1077.9	1079.3
5°	1073.4	1073.4	1071.9	1071.9	1071.9	1071.9	1071.9	1071.9	1071.9	1073.4	1073.4
7.5°	1066.0	1066.0	1064.5	1064.5	1064.5	1064.5	1063.0	1063.0	1064.5	1064.5	1064.5
10°	1057.1	1055.6	1054.1	1054.1	1054.1	1054.1	1052.6	1054.1	1054.1	1054.1	1054.1
12.5°	1043.8	1043.8	1042.3	1040.8	1040.8	1040.8	1039.3	1040.8	1040.8	1040.8	1040.8
15°	1030.4	1028.9	1027.4	1024.5	1024.5	1023.0	1021.5	1023.0	1021.5	1021.5	1023.0
17.5°	1011.1	1011.1	1008.2	1006.7	1005.2	1003.7	1002.2	1002.2	1002.2	1002.2	1005.2
20°	991.9	990.4	987.4	981.5	983.0	981.5	978.5	980.0	980.0	978.5	978.5
22.5°	971.1	965.2	962.2	956.3	957.8	954.8	953.3	954.8	953.3	951.8	954.8
25°	942.9	940.0	932.6	932.6	929.6	928.1	928.1	926.6	925.1	923.7	926.6
27.5°	917.7	911.8	907.4	901.4	898.5	898.5	897.0	895.5	892.5	895.5	895.5
30°	886.6	880.7	873.3	870.3	867.3	867.3	864.4	862.9	859.9	859.9	864.4
32.5°	856.9	848.1	840.6	836.2	834.7	833.2	831.7	825.8	827.3	828.8	830.3
35°	821.4	814.0	808.0	803.6	799.1	797.6	796.2	791.7	791.7	790.2	794.7
37.5°	787.3	778.4	773.9	766.5	763.5	760.6	759.1	756.1	754.6	756.1	757.6
40°	750.2	742.8	735.4	728.0	725.0	723.5	719.1	719.1	716.1	719.1	719.1
42.5°	711.7	704.2	695.3	689.4	686.4	683.5	680.5	679.0	679.0	679.0	680.5
45°	673.1	664.2	655.3	649.4	646.4	644.9	640.5	639.0	636.0	639.0	640.5
47.5°	631.6	624.2	615.3	610.8	606.4	604.9	600.5	597.5	596.0	599.0	599.0
50°	590.1	582.7	575.3	569.3	564.9	563.4	558.9	558.9	556.0	558.9	558.9
52.5°	548.6	541.2	533.7	526.3	523.4	521.9	517.4	517.4	517.4	517.4	517.4
55°	507.1	496.7	492.2	484.8	481.8	480.4	478.9	474.4	475.9	475.9	475.9
57.5°	464.1	456.6	447.7	444.8	440.3	438.9	438.9	432.9	431.4	434.4	434.4
60°	421.1	415.1	406.2	401.8	398.8	398.8	394.4	388.4	387.0	392.9	392.9
62.5°	376.6	367.7	363.2	358.8	355.8	354.3	352.9	348.4	349.9	348.4	348.4
65°	335.1	326.2	323.2	318.8	315.8	314.3	312.8	309.9	306.9	308.4	308.4
67.5°	293.6	286.1	281.7	278.7	275.8	275.8	272.8	269.8	271.3	269.8	269.8
70°	253.5	247.6	241.7	240.2	237.2	237.2	235.7	234.3	232.8	231.3	231.3
72.5°	215.0	209.0	204.6	201.6	200.2	200.2	198.7	194.2	195.7	194.2	194.2
75°	174.9	170.5	169.0	166.1	164.6	164.6	163.1	160.1	161.6	158.6	155.7
77.5°	139.4	134.9	133.4	132.0	133.4	132.0	127.5	129.0	127.5	124.5	124.5
80°	106.7	102.3	102.3	99.3	97.9	97.9	96.4	96.4	94.9	93.4	93.4
82.5°	72.6	71.2	69.7	68.2	66.7	69.7	66.7	65.2	65.2	65.2	63.8
85°	41.5	41.5	40.0	40.0	38.5	40.0	38.5	37.1	38.5	38.5	35.6
87.5°	16.3	17.8	14.8	14.8	14.8	14.8	13.3	14.8	14.8	14.8	13.3
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1077.9	1077.9	1077.9	1077.9	1076.4	1077.9	1077.9	1079.3	1077.9	1077.9
5°	1073.4	1071.9	1073.4	1071.9	1071.9	1073.4	1073.4	1074.9	1074.9	1076.4	1076.4
7.5°	1064.5	1064.5	1064.5	1064.5	1064.5	1066.0	1066.0	1067.5	1069.0	1069.0	1070.4
10°	1054.1	1054.1	1055.6	1054.1	1055.6	1057.1	1058.6	1060.1	1061.5	1063.0	1063.0
12.5°	1040.8	1040.8	1040.8	1043.8	1043.8	1045.2	1046.7	1049.7	1051.2	1054.1	1054.1
15°	1023.0	1023.0	1026.0	1026.0	1027.4	1030.4	1033.4	1034.9	1037.8	1040.8	1042.3
17.5°	1003.7	1003.7	1006.7	1006.7	1008.2	1012.6	1015.6	1017.1	1023.0	1026.0	1028.9
20°	981.5	981.5	985.9	984.4	987.4	991.9	994.8	999.3	1003.7	1008.2	1011.1
22.5°	954.8	956.3	960.7	960.7	962.2	968.1	972.6	977.0	981.5	987.4	991.9
25°	926.6	928.1	932.6	934.0	935.5	941.5	947.4	950.4	957.8	965.2	968.1
27.5°	895.5	898.5	901.4	902.9	905.9	913.3	919.2	925.1	931.1	938.5	944.4
30°	864.4	867.3	870.3	871.8	874.7	882.2	888.1	895.5	902.9	910.3	916.3
32.5°	828.8	833.2	836.2	839.2	840.6	849.5	856.9	864.4	871.8	880.7	888.1
35°	794.7	799.1	802.1	803.6	806.5	815.4	821.4	828.8	839.2	848.1	855.5
37.5°	757.6	760.6	766.5	766.5	769.5	779.9	787.3	794.7	805.1	814.0	822.8
40°	720.5	722.0	728.0	729.4	732.4	742.8	750.2	760.6	768.0	778.4	787.3
42.5°	680.5	685.0	690.9	693.9	696.8	702.8	708.7	720.5	728.0	739.8	748.7
45°	640.5	644.9	647.9	649.4	656.8	662.7	668.7	680.5	689.4	699.8	710.2
47.5°	600.5	603.4	607.9	613.8	616.8	622.7	627.1	639.0	647.9	659.8	668.7
50°	558.9	563.4	566.4	567.8	573.8	581.2	587.1	597.5	604.9	616.8	627.1
52.5°	517.4	523.4	523.4	529.3	532.3	535.2	544.1	554.5	561.9	572.3	582.7
55°	477.4	480.4	484.8	486.3	490.7	493.7	499.6	510.0	518.9	529.3	539.7
57.5°	432.9	435.9	438.9	444.8	447.7	453.7	459.6	467.0	474.4	484.8	492.2
60°	389.9	394.4	397.3	401.8	401.8	409.2	416.6	424.0	430.0	440.3	447.7
62.5°	351.4	351.4	351.4	357.3	355.8	361.8	367.7	376.6	382.5	395.9	404.8
65°	309.9	311.3	311.3	315.8	314.3	320.2	324.7	333.6	339.5	346.9	355.8
67.5°	269.8	269.8	271.3	275.8	274.3	278.7	286.1	290.6	295.0	303.9	311.3
70°	228.3	229.8	231.3	235.7	234.3	240.2	244.6	247.6	253.5	259.5	265.4
72.5°	192.7	192.7	197.2	197.2	195.7	200.2	204.6	207.6	210.5	217.9	225.4
75°	158.6	157.2	160.1	160.1	158.6	160.1	163.1	167.5	170.5	176.4	182.4
77.5°	124.5	123.1	126.0	126.0	126.0	124.5	129.0	130.5	132.0	134.9	140.8
80°	91.9	90.4	93.4	93.4	90.4	91.9	94.9	96.4	96.4	99.3	103.8
82.5°	63.8	62.3	63.8	63.8	63.8	63.8	65.2	63.8	65.2	65.2	69.7
85°	38.5	37.1	38.5	37.1	37.1	35.6	38.5	37.1	37.1	38.5	38.5
87.5°	13.3	13.3	14.8	14.8	13.3	14.8	13.3	13.3	13.3	14.8	13.3
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1080.8	1080.8	1079.3	1080.8	1079.3
5°	1076.4	1076.4	1077.9	1077.9	1077.9	1077.9	1077.9	1079.3	1079.3	1079.3	1077.9
7.5°	1071.9	1071.9	1071.9	1071.9	1073.4	1074.9	1074.9	1074.9	1076.4	1074.9	1074.9
10°	1064.5	1067.5	1067.5	1069.0	1069.0	1070.4	1071.9	1071.9	1071.9	1071.9	1071.9
12.5°	1057.1	1058.6	1060.1	1061.5	1063.0	1063.0	1066.0	1066.0	1066.0	1066.0	1064.5
15°	1045.2	1048.2	1049.7	1051.2	1054.1	1054.1	1057.1	1055.6	1058.6	1057.1	1055.6
17.5°	1031.9	1034.9	1037.8	1037.8	1042.3	1043.8	1046.7	1048.2	1048.2	1046.7	1043.8
20°	1015.6	1020.0	1021.5	1024.5	1027.4	1030.4	1031.9	1033.4	1034.9	1033.4	1031.9
22.5°	996.3	1002.2	1003.7	1006.7	1011.1	1014.1	1015.6	1017.1	1018.5	1018.5	1015.6
25°	975.6	983.0	983.0	987.4	991.9	996.3	999.3	999.3	1002.2	999.3	999.3
27.5°	950.4	959.2	963.7	965.2	971.1	975.6	978.5	981.5	981.5	978.5	978.5
30°	925.1	934.0	938.5	940.0	947.4	951.8	954.8	957.8	957.8	957.8	954.8
32.5°	897.0	907.4	911.8	913.3	922.2	926.6	931.1	934.0	934.0	932.6	928.1
35°	867.3	874.7	882.2	885.1	892.5	897.0	904.4	907.4	905.9	905.9	901.4
37.5°	833.2	845.1	849.5	852.5	861.4	867.3	874.7	877.7	877.7	876.2	873.3
40°	797.6	811.0	815.4	819.9	828.8	836.2	840.6	845.1	845.1	845.1	842.1
42.5°	762.1	772.4	778.4	782.8	793.2	797.6	805.1	811.0	811.0	809.5	805.1
45°	722.0	733.9	739.8	744.3	754.6	763.5	768.0	773.9	772.4	772.4	766.5
47.5°	682.0	693.9	699.8	704.2	714.6	725.0	728.0	733.9	733.9	733.9	728.0
50°	640.5	652.3	656.8	661.2	673.1	679.0	686.4	692.4	692.4	693.9	687.9
52.5°	597.5	606.4	613.8	616.8	628.6	636.0	642.0	649.4	649.4	646.4	646.4
55°	551.5	561.9	569.3	572.3	581.2	593.0	597.5	603.4	603.4	603.4	600.5
57.5°	505.6	517.4	523.4	526.3	536.7	545.6	551.5	557.5	558.9	558.9	553.0
60°	458.1	470.0	475.9	478.9	490.7	498.2	504.1	510.0	511.5	513.0	507.1
62.5°	413.6	424.0	430.0	432.9	441.8	447.7	455.2	462.6	464.1	464.1	461.1
65°	364.7	375.1	379.5	382.5	389.9	400.3	409.2	415.1	416.6	415.1	415.1
67.5°	318.8	327.7	333.6	335.1	342.5	352.9	357.3	363.2	364.7	364.7	363.2
70°	272.8	283.2	287.6	290.6	296.5	305.4	309.9	315.8	317.3	318.8	315.8
72.5°	229.8	237.2	241.7	244.6	252.0	259.5	262.4	268.4	271.3	271.3	268.4
75°	186.8	194.2	197.2	200.2	206.1	213.5	216.5	222.4	225.4	223.9	223.9
77.5°	145.3	151.2	154.2	155.7	160.1	169.0	170.5	176.4	176.4	177.9	177.9
80°	106.7	111.2	114.2	115.6	118.6	124.5	127.5	132.0	134.9	133.4	133.4
82.5°	71.2	74.1	77.1	80.1	80.1	86.0	86.0	90.4	90.4	93.4	91.9
85°	40.0	41.5	43.0	44.5	44.5	48.9	48.9	51.9	54.9	51.9	51.9
87.5°	13.3	14.8	14.8	16.3	14.8	17.8	16.3	19.3	20.8	20.8	19.3
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
5°	1077.9	1077.9	1076.4	1077.9	1077.9	1077.9	1077.9	1076.4	1076.4	1076.4	1076.4
7.5°	1074.9	1073.4	1073.4	1073.4	1071.9	1071.9	1071.9	1071.9	1070.4	1070.4	1070.4
10°	1070.4	1069.0	1069.0	1069.0	1067.5	1067.5	1066.0	1064.5	1064.5	1063.0	1061.5
12.5°	1064.5	1063.0	1061.5	1061.5	1060.1	1058.6	1057.1	1055.6	1054.1	1051.2	1051.2
15°	1054.1	1054.1	1052.6	1051.2	1048.2	1048.2	1045.2	1043.8	1040.8	1037.8	1037.8
17.5°	1043.8	1042.3	1040.8	1037.8	1034.9	1033.4	1030.4	1027.4	1024.5	1021.5	1020.0
20°	1030.4	1026.0	1027.4	1023.0	1020.0	1017.1	1012.6	1009.7	1005.2	1002.2	999.3
22.5°	1012.6	1011.1	1009.7	1005.2	1000.8	999.3	991.9	987.4	983.0	978.5	975.6
25°	993.3	991.9	990.4	985.9	980.0	977.0	969.6	965.2	957.8	954.8	951.8
27.5°	971.1	971.1	968.1	962.2	957.8	950.4	945.9	937.0	931.1	926.6	923.7
30°	947.4	947.4	944.4	937.0	931.1	923.7	919.2	910.3	902.9	898.5	892.5
32.5°	923.7	922.2	919.2	911.8	904.4	897.0	888.1	880.7	871.8	867.3	861.4
35°	895.5	894.0	891.0	882.2	876.2	867.3	856.9	848.1	839.2	834.7	825.8
37.5°	865.8	862.9	859.9	849.5	842.1	833.2	825.8	814.0	805.1	799.1	794.7
40°	833.2	831.7	827.3	818.4	808.0	799.1	788.7	779.9	771.0	763.5	757.6
42.5°	800.6	794.7	791.7	782.8	775.4	762.1	754.6	742.8	733.9	728.0	719.1
45°	763.5	759.1	754.6	745.8	735.4	725.0	717.6	704.2	695.3	687.9	680.5
47.5°	722.0	720.5	716.1	705.7	696.8	686.4	677.6	664.2	655.3	649.4	642.0
50°	680.5	679.0	676.1	665.7	653.8	644.9	637.5	624.2	615.3	606.4	601.9
52.5°	642.0	636.0	633.1	624.2	612.3	601.9	596.0	582.7	573.8	564.9	558.9
55°	597.5	593.0	590.1	582.7	572.3	558.9	553.0	541.2	533.7	527.8	518.9
57.5°	553.0	547.1	544.1	535.2	527.8	517.4	510.0	498.2	490.7	484.8	478.9
60°	502.6	502.6	499.6	490.7	483.3	473.0	467.0	455.2	447.7	443.3	435.9
62.5°	461.1	455.2	453.7	443.3	438.9	428.5	424.0	413.6	409.2	401.8	394.4
65°	409.2	409.2	407.7	401.8	395.9	382.5	376.6	367.7	363.2	357.3	351.4
67.5°	363.2	358.8	358.8	352.9	345.4	338.0	333.6	324.7	321.7	314.3	309.9
70°	317.3	312.8	312.8	305.4	301.0	293.6	290.6	283.2	277.2	274.3	269.8
72.5°	271.3	268.4	266.9	260.9	258.0	250.6	249.1	241.7	235.7	234.3	229.8
75°	225.4	222.4	217.9	219.4	213.5	207.6	206.1	201.6	198.7	194.2	189.8
77.5°	179.4	176.4	176.4	173.5	170.5	166.1	164.6	161.6	157.2	154.2	151.2
80°	136.4	133.4	133.4	132.0	127.5	124.5	124.5	120.1	120.1	117.1	115.6
82.5°	93.4	91.9	90.4	91.9	89.0	86.0	87.5	86.0	84.5	81.5	80.1
85°	54.9	53.4	51.9	54.9	51.9	53.4	51.9	50.4	50.4	48.9	47.4
87.5°	20.8	20.8	19.3	20.8	20.8	22.2	20.8	20.8	20.8	20.8	20.8
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
5°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1074.9	1076.4
7.5°	1070.4	1069.0	1070.4	1069.0	1069.0	1069.0	1069.0	1069.0	1069.0	1069.0	1069.0
10°	1061.5	1061.5	1061.5	1061.5	1061.5	1061.5	1061.5	1061.5	1061.5	1060.1	1060.1
12.5°	1051.2	1051.2	1049.7	1049.7	1049.7	1048.2	1048.2	1049.7	1049.7	1048.2	1049.7
15°	1036.3	1037.8	1034.9	1033.4	1033.4	1033.4	1033.4	1033.4	1033.4	1033.4	1034.9
17.5°	1020.0	1018.5	1017.1	1017.1	1015.6	1014.1	1014.1	1015.6	1015.6	1017.1	1017.1
20°	999.3	999.3	996.3	994.8	993.3	991.9	991.9	993.3	993.3	993.3	996.3
22.5°	975.6	974.1	971.1	969.6	969.6	966.7	968.1	969.6	969.6	969.6	971.1
25°	948.9	947.4	945.9	944.4	941.5	940.0	940.0	942.9	942.9	945.9	947.4
27.5°	920.7	919.2	916.3	913.3	911.8	910.3	910.3	913.3	913.3	916.3	917.7
30°	891.0	889.6	885.1	883.6	879.2	877.7	879.2	882.2	883.6	885.1	886.6
32.5°	859.9	856.9	852.5	851.0	846.6	848.1	845.1	849.5	851.0	852.5	854.0
35°	825.8	822.8	818.4	814.0	812.5	811.0	811.0	814.0	814.0	818.4	819.9
37.5°	788.7	787.3	782.8	779.9	776.9	776.9	773.9	778.4	779.9	782.8	782.8
40°	754.6	753.2	745.8	742.8	739.8	741.3	736.9	741.3	742.8	745.8	747.2
42.5°	714.6	713.1	707.2	704.2	701.3	702.8	698.3	702.8	701.3	705.7	707.2
45°	676.1	674.6	670.1	664.2	661.2	662.7	662.7	662.7	661.2	665.7	667.2
47.5°	637.5	634.6	630.1	624.2	621.2	622.7	622.7	622.7	621.2	627.1	627.1
50°	597.5	594.5	590.1	584.1	582.7	582.7	582.7	582.7	582.7	585.6	587.1
52.5°	556.0	554.5	550.0	544.1	541.2	541.2	541.2	538.2	541.2	542.6	544.1
55°	514.5	513.0	505.6	502.6	499.6	501.1	499.6	498.2	498.2	501.1	502.6
57.5°	473.0	471.5	467.0	465.5	458.1	459.6	458.1	458.1	459.6	459.6	461.1
60°	431.4	430.0	425.5	424.0	418.1	419.6	413.6	416.6	418.1	418.1	418.1
62.5°	387.0	387.0	379.5	376.6	373.6	375.1	370.7	370.7	370.7	373.6	373.6
65°	346.9	345.4	339.5	336.6	333.6	333.6	330.6	330.6	329.1	332.1	332.1
67.5°	305.4	305.4	299.5	296.5	293.6	295.0	290.6	290.6	292.1	292.1	292.1
70°	265.4	265.4	260.9	259.5	255.0	255.0	250.6	252.0	252.0	252.0	252.0
72.5°	226.8	226.8	222.4	220.9	216.5	216.5	212.0	213.5	213.5	212.0	212.0
75°	188.3	189.8	182.4	180.9	177.9	179.4	176.4	174.9	176.4	173.5	173.5
77.5°	149.7	149.7	148.3	146.8	142.3	142.3	140.8	137.9	139.4	136.4	136.4
80°	112.7	114.2	109.7	111.2	106.7	108.2	106.7	103.8	103.8	102.3	100.8
82.5°	78.6	78.6	77.1	78.6	77.1	75.6	74.1	72.6	72.6	69.7	69.7
85°	47.4	48.9	46.0	47.4	47.4	46.0	43.0	43.0	43.0	41.5	41.5
87.5°	19.3	22.2	20.8	20.8	20.8	20.8	19.3	20.8	19.3	17.8	17.8
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
2.5°	1077.9	1079.3	1079.3	1079.3	1079.3	1077.9	1077.9	1077.9	1077.9	1077.9	1079.3
5°	1074.9	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
7.5°	1069.0	1069.0	1070.4	1070.4	1070.4	1070.4	1071.9	1070.4	1071.9	1070.4	1071.9
10°	1060.1	1061.5	1063.0	1063.0	1064.5	1063.0	1064.5	1064.5	1066.0	1066.0	1066.0
12.5°	1049.7	1051.2	1051.2	1054.1	1054.1	1054.1	1055.6	1055.6	1057.1	1058.6	1058.6
15°	1034.9	1036.3	1037.8	1037.8	1040.8	1043.8	1043.8	1045.2	1046.7	1048.2	1048.2
17.5°	1017.1	1018.5	1020.0	1023.0	1026.0	1028.9	1030.4	1030.4	1033.4	1034.9	1034.9
20°	996.3	999.3	1002.2	1005.2	1006.7	1011.1	1012.6	1014.1	1017.1	1020.0	1020.0
22.5°	974.1	975.6	980.0	983.0	985.9	990.4	991.9	996.3	999.3	1000.8	1002.2
25°	947.4	950.4	954.8	957.8	960.7	966.7	971.1	974.1	978.5	981.5	981.5
27.5°	917.7	922.2	926.6	929.6	934.0	941.5	945.9	948.9	954.8	957.8	959.2
30°	888.1	891.0	897.0	901.4	905.9	913.3	919.2	923.7	929.6	932.6	934.0
32.5°	855.5	859.9	865.8	870.3	876.2	883.6	889.6	894.0	902.9	904.4	905.9
35°	821.4	825.8	830.3	837.7	843.6	851.0	858.4	864.4	868.8	874.7	876.2
37.5°	785.8	790.2	796.2	802.1	808.0	816.9	824.3	828.8	836.2	840.6	843.6
40°	748.7	753.2	760.6	768.0	772.4	781.3	788.7	794.7	805.1	808.0	808.0
42.5°	708.7	714.6	719.1	728.0	732.4	742.8	750.2	759.1	765.0	769.5	771.0
45°	670.1	674.6	683.5	689.4	693.9	704.2	711.7	719.1	726.5	729.4	732.4
47.5°	628.6	634.6	642.0	644.9	652.3	662.7	670.1	677.6	686.4	689.4	690.9
50°	588.6	593.0	597.5	603.4	609.4	619.7	628.6	636.0	643.5	646.4	647.9
52.5°	547.1	551.5	556.0	563.4	566.4	576.7	581.2	588.6	599.0	601.9	603.4
55°	504.1	510.0	515.9	520.4	523.4	532.3	538.2	547.1	553.0	556.0	558.9
57.5°	461.1	465.5	471.5	477.4	478.9	487.8	495.2	499.6	507.1	510.0	513.0
60°	419.6	424.0	428.5	430.0	434.4	443.3	450.7	453.7	461.1	464.1	465.5
62.5°	375.1	376.6	382.5	387.0	387.0	398.8	403.3	409.2	415.1	416.6	419.6
65°	333.6	336.6	336.6	339.5	344.0	351.4	354.3	361.8	366.2	367.7	369.2
67.5°	292.1	295.0	298.0	301.0	301.0	308.4	309.9	315.8	320.2	321.7	323.2
70°	252.0	252.0	256.5	259.5	258.0	263.9	266.9	269.8	275.8	277.2	278.7
72.5°	213.5	212.0	215.0	217.9	220.9	222.4	225.4	226.8	231.3	234.3	235.7
75°	174.9	176.4	176.4	177.9	176.4	177.9	182.4	186.8	189.8	191.3	194.2
77.5°	136.4	137.9	137.9	139.4	140.8	140.8	142.3	148.3	151.2	152.7	151.2
80°	100.8	102.3	102.3	103.8	105.3	106.7	106.7	109.7	114.2	115.6	115.6
82.5°	71.2	71.2	71.2	71.2	72.6	72.6	74.1	77.1	80.1	80.1	83.0
85°	43.0	43.0	41.5	43.0	41.5	43.0	44.5	47.4	48.9	48.9	50.4
87.5°	19.3	17.8	19.3	19.3	17.8	17.8	17.8	19.3	19.3	20.8	20.8
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: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1079.3	1079.3	1079.3	1079.3
2.5°	1079.3	1079.3	1079.3	1079.3
5°	1076.4	1076.4	1076.4	1076.4
7.5°	1071.9	1071.9	1071.9	1071.9
10°	1066.0	1067.5	1067.5	1067.5
12.5°	1058.6	1058.6	1060.1	1060.1
15°	1049.7	1049.7	1049.7	1051.2
17.5°	1036.3	1037.8	1037.8	1037.8
20°	1021.5	1023.0	1023.0	1021.5
22.5°	1002.2	1003.7	1005.2	1005.2
25°	983.0	985.9	987.4	987.4
27.5°	960.7	963.7	965.2	965.2
30°	937.0	940.0	940.0	940.0
32.5°	908.8	913.3	914.8	914.8
35°	879.2	885.1	886.6	886.6
37.5°	848.1	851.0	855.5	855.5
40°	814.0	816.9	821.4	821.4
42.5°	776.9	782.8	782.8	785.8
45°	736.9	742.8	744.3	747.2
47.5°	696.8	702.8	704.2	705.7
50°	653.8	658.3	662.7	662.7
52.5°	610.8	613.8	616.8	619.7
55°	564.9	569.3	570.8	573.8
57.5°	517.4	523.4	524.8	527.8
60°	471.5	475.9	478.9	480.4
62.5°	425.5	428.5	430.0	432.9
65°	375.1	379.5	379.5	382.5
67.5°	329.1	332.1	333.6	335.1
70°	280.2	286.1	287.6	290.6
72.5°	237.2	243.1	243.1	246.1
75°	198.7	200.2	200.2	203.1
77.5°	157.2	158.6	160.1	161.6
80°	118.6	120.1	120.1	123.1
82.5°	84.5	84.5	84.5	86.0
85°	51.9	50.4	48.9	50.4
87.5°	20.8	20.8	22.2	19.3
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571917

CATALOG NUMBER: 22ID-30-L835-SWR

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.62	17.24	15.98	17.56	17.87	14.50	16.13	14.87	16.44	16.76
	3H	17.37	18.84	17.75	19.17	19.53	16.12	17.59	16.50	17.92	18.28
	4H	18.03	19.41	18.43	19.76	20.14	16.71	18.10	17.11	18.44	18.82
	6H	18.52	19.80	18.93	20.17	20.56	17.15	18.43	17.56	18.79	19.18
	8H	18.68	19.90	19.10	20.29	20.69	17.28	18.50	17.70	18.89	19.29
	12H	18.78	19.95	19.21	20.33	20.76	17.36	18.53	17.79	18.91	19.34
4H	2H	16.10	17.49	16.50	17.83	18.21	15.20	16.59	15.60	16.93	17.31
	3H	18.08	19.24	18.49	19.64	20.04	17.03	18.19	17.44	18.58	18.98
	4H	18.87	19.92	19.30	20.34	20.77	17.73	18.78	18.16	19.19	19.63
	6H	19.51	20.42	19.96	20.86	21.32	18.28	19.19	18.73	19.63	20.09
	8H	19.72	20.58	20.18	21.02	21.48	18.45	19.31	18.91	19.75	20.21
	12H	19.86	20.63	20.34	21.11	21.58	18.56	19.34	19.04	19.81	20.28
8H	4H	19.11	19.97	19.57	20.41	20.87	18.08	18.94	18.54	19.38	19.84
	6H	19.85	20.56	20.34	21.05	21.53	18.73	19.45	19.23	19.93	20.41
	8H	20.14	20.78	20.65	21.28	21.77	18.97	19.61	19.48	20.11	20.60
	12H	20.36	20.93	20.87	21.42	21.98	19.14	19.71	19.65	20.20	20.76
12H	4H	19.13	19.90	19.61	20.37	20.84	18.12	18.89	18.60	19.37	19.84
	6H	19.89	20.53	20.39	21.03	21.52	18.80	19.44	19.31	19.94	20.43
	8H	20.22	20.79	20.73	21.28	21.84	19.09	19.65	19.59	20.14	20.70

END OF REPORT