

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: METALUX

Report Number: P894493

Luminaire Tested: 8TMB-12SL-FLT-UNV-L830

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-4)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8TMB-12SL-FLT-UNV-L830
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 80CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

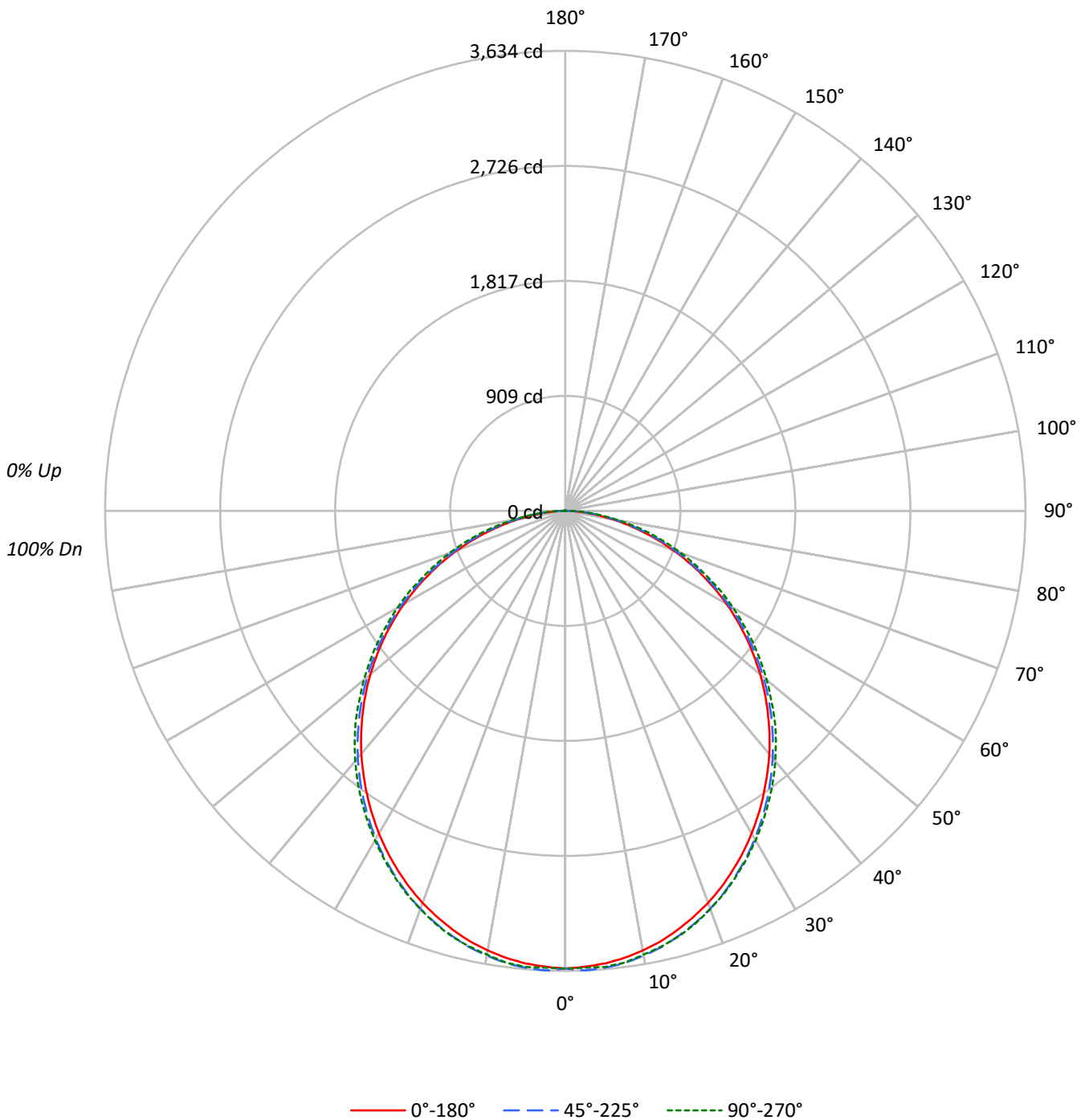
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10034.9 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.38' x L: 7.98' x H: 0')
CIE Type: Direct

Input Watts (W): 88.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.53
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P894493
CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

Luminous Intensity Polar Plot





TEST NUMBER: P894493

CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	86	86	86	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	72	72	72	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	61	61	61	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	52	52	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	45	45	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	40	40	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	35	35	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	32	32	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	29	29	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	26	26	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	12827	12827	12827
5°	12781	12904	12876
10°	12700	12853	12824
15°	12589	12754	12774
20°	12441	12631	12640
25°	12256	12453	12484
30°	12057	12263	12317
35°	11830	12036	12139
40°	11608	11804	11951
45°	11354	11539	11739
50°	11087	11263	11467
55°	10788	10952	11181
60°	10441	10610	10854
65°	9976	10176	10442
70°	9390	9663	10103
75°	8634	8997	9578
80°	7624	8220	8651
85°	6571	7540	8081

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 11739 cd/sqm



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	341.9	3.4
10°-20°	974.3	9.7
20°-30°	1460.1	14.6
30°-40°	1737.3	17.3
40°-50°	1782.6	17.8
50°-60°	1597.0	15.9
60°-70°	1213.4	12.1
70°-80°	705.3	7.0
80°-90°	211.6	2.1
90°-100°	5.0	0.0
100°-110°	0.9	0.0
110°-120°	0.0	0.0
120°-130°	0.4	0.0
130°-140°	1.0	0.0
140°-150°	1.6	0.0
150°-160°	1.2	0.0
160°-170°	0.8	0.0
170°-180°	0.3	0.0
0°-30°	2776.3	27.7
0°-40°	4513.6	45.0
0°-60°	7893.2	78.7
0°-90°	10023.6	99.9
90°-120°	5.9	0.1
90°-150°	8.9	0.1
90°-180°	11.0	0.1
0°-180°	10034.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3615	3615	3615	3615	3615	
5°	3588	3649	3623	3604	3615	341
15°	3427	3493	3472	3467	3477	966
25°	3131	3202	3181	3176	3189	1443
35°	2731	2797	2779	2787	2802	1709
45°	2263	2318	2300	2318	2339	1746
55°	1744	1786	1770	1792	1808	1558
65°	1188	1217	1212	1233	1244	1176
75°	630	654	656	680	699	668
85°	161	175	185	198	198	176
90°	3	11	11	18	16	11
95°	0	3	3	5	8	0
105°	0	0	0	3	3	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	1
135°	0	0	3	0	0	1
145°	3	3	3	3	3	2
155°	3	3	3	3	3	1
165°	3	3	3	3	3	1
175°	5	5	5	3	3	0
180°	3	3	3	3	3	



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
2.5°	3604.4	3599.1	3604.4	3601.8	3628.2	3660.0	3654.7	3630.9	3604.4	3612.3	3633.5
5°	3588.5	3585.9	3593.8	3588.5	3615.0	3649.4	3638.8	3617.6	3593.8	3601.8	3622.9
7.5°	3562.1	3562.1	3572.6	3567.4	3591.2	3625.6	3615.0	3596.5	3572.6	3580.6	3601.8
10°	3525.0	3527.7	3540.9	3533.0	3554.1	3591.2	3580.6	3562.1	3540.9	3546.2	3567.4
12.5°	3482.7	3482.7	3498.5	3490.6	3511.8	3546.2	3533.0	3519.7	3498.5	3503.8	3527.7
15°	3427.1	3429.7	3448.3	3440.3	3458.9	3493.3	3480.0	3469.4	3450.9	3453.6	3472.1
17.5°	3363.6	3371.5	3390.0	3382.1	3400.6	3435.0	3419.2	3408.6	3392.7	3395.3	3413.9
20°	3294.8	3302.7	3321.2	3315.9	3329.2	3363.6	3347.7	3342.4	3326.5	3329.2	3345.1
22.5°	3218.0	3226.0	3247.1	3241.8	3255.1	3289.5	3271.0	3268.3	3252.4	3255.1	3268.3
25°	3130.7	3141.3	3165.1	3159.8	3170.4	3202.2	3186.3	3181.0	3170.4	3170.4	3181.0
27.5°	3040.7	3051.3	3077.8	3069.8	3077.8	3112.2	3093.6	3091.0	3080.4	3080.4	3091.0
30°	2942.8	2953.4	2982.5	2974.6	2982.5	3011.6	2993.1	2995.7	2985.1	2985.1	2993.1
32.5°	2839.6	2847.5	2879.3	2874.0	2879.3	2908.4	2889.9	2892.5	2881.9	2884.6	2887.2
35°	2731.1	2739.0	2773.4	2768.1	2770.8	2797.3	2784.0	2784.0	2776.1	2773.4	2778.7
37.5°	2619.9	2627.9	2670.2	2657.0	2657.0	2683.5	2672.9	2672.9	2664.9	2662.3	2664.9
40°	2506.1	2511.4	2556.4	2543.2	2540.6	2564.4	2556.4	2556.4	2551.1	2545.8	2548.5
42.5°	2387.1	2395.0	2440.0	2429.4	2418.8	2445.3	2437.3	2440.0	2432.0	2426.8	2426.8
45°	2262.7	2270.6	2315.6	2310.3	2294.4	2318.3	2310.3	2315.6	2305.0	2299.7	2299.7
47.5°	2138.3	2148.9	2191.2	2183.3	2167.4	2191.2	2183.3	2188.6	2178.0	2172.7	2172.7
50°	2008.6	2019.2	2064.2	2051.0	2035.1	2058.9	2053.6	2056.3	2048.3	2043.0	2040.4
52.5°	1876.3	1889.5	1931.9	1916.0	1902.8	1923.9	1921.3	1923.9	1913.4	1910.7	1908.1
55°	1744.0	1757.2	1796.9	1778.4	1767.8	1786.3	1781.0	1786.3	1775.7	1773.1	1770.4
57.5°	1606.4	1619.6	1656.7	1638.1	1630.2	1646.1	1643.4	1646.1	1638.1	1635.5	1632.8
60°	1471.4	1482.0	1516.4	1497.9	1489.9	1505.8	1500.5	1508.5	1497.9	1497.9	1495.2
62.5°	1328.5	1341.7	1376.1	1355.0	1349.7	1362.9	1357.6	1365.5	1360.3	1355.0	1352.3
65°	1188.2	1196.2	1227.9	1209.4	1201.5	1217.3	1214.7	1220.0	1212.1	1214.7	1212.1
67.5°	1048.0	1053.3	1085.0	1063.9	1058.6	1074.4	1077.1	1074.4	1069.1	1071.8	1069.1
70°	905.1	910.4	936.8	918.3	915.7	928.9	934.2	931.5	926.2	928.9	931.5
72.5°	767.5	770.1	793.9	778.0	775.4	791.3	791.3	791.3	791.3	791.3	796.6
75°	629.8	632.5	653.7	640.4	637.8	653.7	653.7	653.7	653.7	659.0	656.3
77.5°	497.5	494.9	516.0	508.1	502.8	518.7	518.7	521.3	526.6	531.9	524.0
80°	373.1	370.5	386.4	375.8	375.8	391.7	389.0	391.7	397.0	399.6	402.3
82.5°	262.0	256.7	269.9	267.3	264.6	277.9	280.5	277.9	285.8	288.5	288.5
85°	161.4	161.4	169.4	164.1	164.1	174.7	174.7	177.3	182.6	185.2	185.2
87.5°	76.7	74.1	82.0	79.4	76.7	84.7	84.7	87.3	90.0	92.6	90.0
90°	2.6	2.6	5.3	5.3	5.3	10.6	10.6	10.6	13.2	13.2	10.6
92.5°	0.0	0.0	2.6	2.6	2.6	2.6	2.6	5.3	5.3	5.3	5.3
95°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	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	2.6



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	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
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
130°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0	2.6
132.5°	0.0	0.0	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0
135°	0.0	2.6	2.6	2.6	2.6	0.0	2.6	0.0	0.0	0.0	2.6
137.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
140°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
142.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
145°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
147.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
150°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
157.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
160°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
162.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
165°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
167.5°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6	2.6	2.6	2.6
170°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6	2.6	2.6	2.6
172.5°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6	2.6	2.6	2.6
175°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6	5.3	5.3
177.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
180°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0	3615.0
2.5°	3601.8	3583.2	3575.3	3580.6	3617.6	3580.6	3620.3	3633.5	3585.9	3612.3
5°	3591.2	3572.6	3562.1	3567.4	3604.4	3570.0	3612.3	3628.2	3588.5	3615.0
7.5°	3570.0	3548.8	3543.5	3551.5	3583.2	3554.1	3596.5	3612.3	3572.6	3599.1
10°	3538.2	3519.7	3514.4	3522.4	3551.5	3522.4	3559.4	3572.6	3535.6	3559.4
12.5°	3498.5	3480.0	3474.7	3485.3	3511.8	3485.3	3522.4	3535.6	3498.5	3522.4
15°	3448.3	3429.7	3427.1	3443.0	3466.8	3443.0	3480.0	3490.6	3453.6	3477.4
17.5°	3387.4	3368.9	3371.5	3390.0	3408.6	3387.4	3421.8	3432.4	3398.0	3416.5
20°	3321.2	3300.1	3305.4	3321.2	3337.1	3315.9	3350.4	3360.9	3329.2	3347.7
22.5°	3244.5	3223.3	3228.6	3247.1	3257.7	3239.2	3271.0	3281.5	3255.1	3273.6
25°	3159.8	3141.3	3149.2	3167.7	3175.7	3159.8	3188.9	3196.9	3173.0	3188.9
27.5°	3075.1	3054.0	3064.5	3083.1	3088.4	3072.5	3101.6	3106.9	3083.1	3098.9
30°	2979.9	2958.7	2971.9	2993.1	2993.1	2982.5	3006.3	3011.6	2993.1	3006.3
32.5°	2874.0	2858.1	2874.0	2892.5	2889.9	2881.9	2905.8	2911.0	2895.2	2905.8
35°	2768.1	2754.9	2770.8	2789.3	2786.7	2778.7	2802.5	2805.2	2792.0	2802.5
37.5°	2659.6	2649.1	2664.9	2680.8	2675.5	2670.2	2691.4	2691.4	2683.5	2694.0
40°	2548.5	2537.9	2551.1	2569.7	2559.1	2559.1	2572.3	2577.6	2569.7	2580.2
42.5°	2432.0	2421.5	2437.3	2453.2	2442.6	2440.0	2455.9	2458.5	2453.2	2461.2
45°	2310.3	2299.7	2315.6	2328.8	2318.3	2318.3	2331.5	2331.5	2328.8	2339.4
47.5°	2185.9	2178.0	2191.2	2204.5	2193.9	2201.8	2201.8	2201.8	2207.1	2204.5
50°	2058.9	2051.0	2061.6	2077.4	2064.2	2066.8	2072.1	2072.1	2074.8	2077.4
52.5°	1926.6	1916.0	1926.6	1945.1	1926.6	1934.5	1937.2	1939.8	1947.8	1942.5
55°	1794.3	1783.7	1794.3	1810.1	1791.6	1802.2	1802.2	1804.8	1812.8	1807.5
57.5°	1656.7	1646.1	1661.9	1672.5	1654.0	1664.6	1664.6	1669.9	1675.2	1667.2
60°	1519.0	1511.1	1516.4	1534.9	1516.4	1527.0	1527.0	1527.0	1537.6	1529.6
62.5°	1378.8	1373.5	1378.8	1394.7	1376.1	1386.7	1384.1	1386.7	1397.3	1394.7
65°	1235.9	1230.6	1235.9	1251.8	1233.2	1243.8	1243.8	1246.5	1254.4	1243.8
67.5°	1095.6	1087.7	1095.6	1108.8	1093.0	1100.9	1100.9	1100.9	1114.1	1108.8
70°	952.7	947.4	952.7	965.9	952.7	958.0	958.0	958.0	971.2	973.9
72.5°	812.4	812.4	817.7	828.3	817.7	828.3	820.4	815.1	833.6	836.3
75°	674.8	677.5	680.1	690.7	680.1	690.7	685.4	680.1	696.0	698.7
77.5°	547.8	547.8	550.5	558.4	550.5	558.4	553.1	553.1	563.7	561.0
80°	418.1	418.1	420.8	428.7	420.8	428.7	423.4	423.4	434.0	423.4
82.5°	304.3	304.3	304.3	312.3	307.0	312.3	309.6	304.3	317.6	307.0
85°	195.8	198.5	198.5	201.1	198.5	201.1	201.1	198.5	206.4	198.5
87.5°	100.6	100.6	100.6	103.2	100.6	100.6	103.2	100.6	105.9	103.2
90°	18.5	15.9	15.9	21.2	18.5	18.5	21.2	15.9	18.5	15.9
92.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	10.6	10.6
95°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	7.9
97.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	5.3
100°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
102.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
105°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0	2.6	2.6
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	2.6



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	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
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	2.6	2.6	2.6	2.6	0.0	2.6	0.0	0.0	0.0	0.0
140°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
142.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0
145°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
147.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
150°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
157.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
160°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
162.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
165°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
167.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
170°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
172.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
175°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
177.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
180°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6



TEST NUMBER: P894493
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L830

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	20.37	22.01	20.74	22.32	22.64	20.51	22.14	20.87	22.46	22.78
	3H	22.19	23.68	22.57	24.00	24.37	22.34	23.82	22.72	24.15	24.51
	4H	22.86	24.25	23.26	24.60	24.98	23.05	24.44	23.45	24.79	25.17
	6H	23.31	24.60	23.72	24.97	25.36	23.61	24.90	24.02	25.27	25.66
	8H	23.45	24.68	23.87	25.08	25.48	23.80	25.04	24.23	25.43	25.83
	12H	23.54	24.73	23.97	25.11	25.54	23.94	25.13	24.37	25.51	25.94
4H	2H	21.01	22.40	21.41	22.75	23.13	21.11	22.51	21.51	22.86	23.24
	3H	23.05	24.22	23.46	24.62	25.02	23.18	24.35	23.59	24.75	25.15
	4H	23.84	24.90	24.27	25.32	25.75	24.03	25.09	24.46	25.50	25.94
	6H	24.42	25.34	24.87	25.79	26.24	24.72	25.65	25.17	26.09	26.55
	8H	24.61	25.47	25.07	25.92	26.39	24.96	25.83	25.42	26.28	26.74
	12H	24.75	25.53	25.23	26.01	26.48	25.16	25.94	25.64	26.42	26.89
8H	4H	24.17	25.04	24.63	25.48	25.95	24.33	25.20	24.80	25.65	26.12
	6H	24.87	25.60	25.37	26.09	26.56	25.16	25.88	25.65	26.37	26.85
	8H	25.14	25.79	25.65	26.29	26.78	25.49	26.14	26.00	26.65	27.14
	12H	25.35	25.93	25.86	26.42	26.98	25.77	26.35	26.28	26.84	27.40
12H	4H	24.21	24.99	24.69	25.47	25.94	24.37	25.15	24.85	25.63	26.10
	6H	24.94	25.59	25.45	26.10	26.59	25.22	25.87	25.73	26.38	26.86
	8H	25.27	25.84	25.78	26.34	26.90	25.61	26.19	26.12	26.68	27.24