

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: P894224

Luminaire Tested: 4MB-SC3-FLTU-UNV-CC93-MID-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894224
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-FLTU-UNV-CC93-MID-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 5000K CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

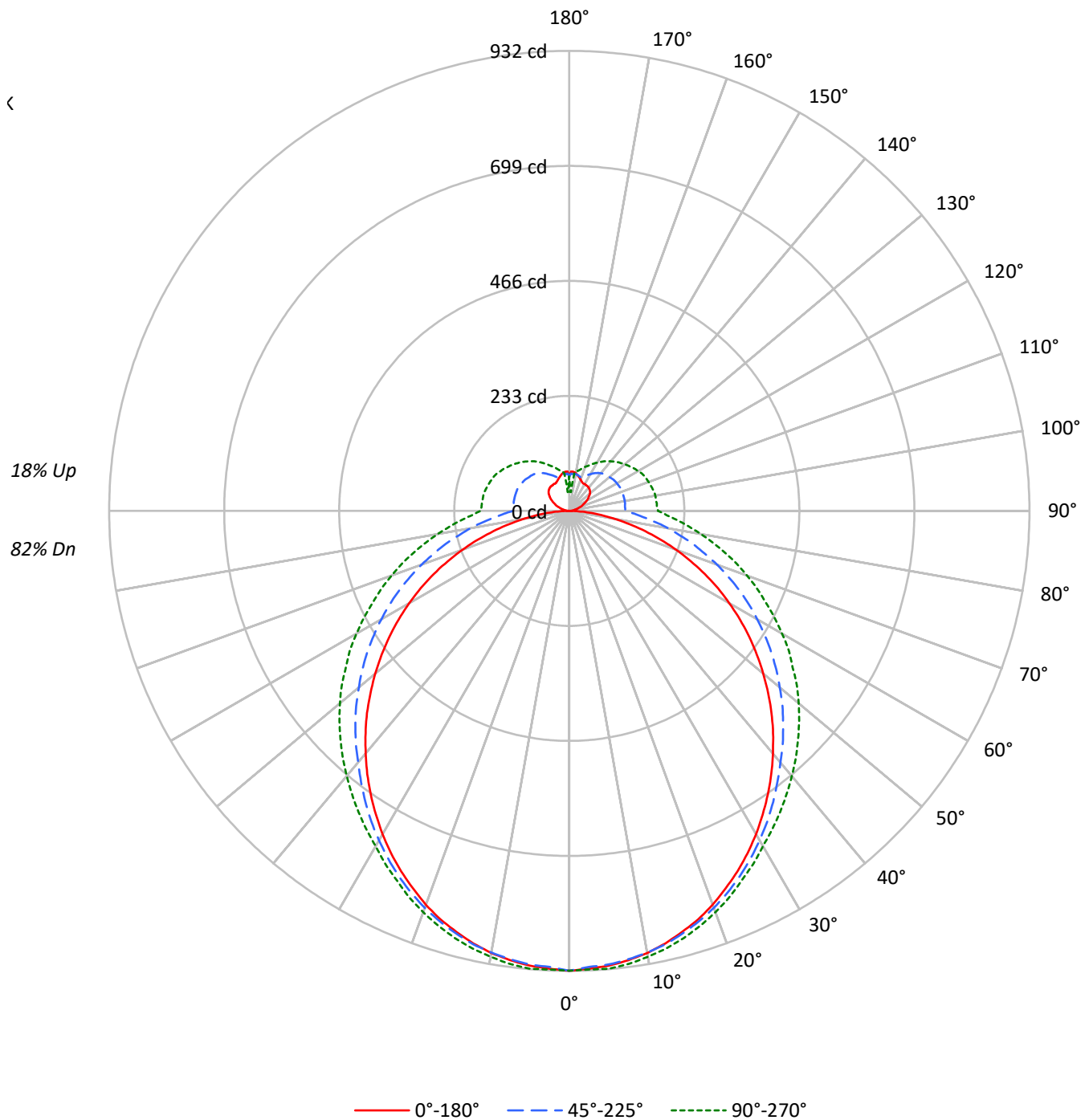
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3522.0 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.26 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9948
Total Harmonic Distortion (THDi): 5.65231997856897
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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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				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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6628	6628	6628
5°	6575	6351	6344
10°	6511	6108	6043
15°	6415	5863	5754
20°	6309	5613	5462
25°	6174	5353	5166
30°	6032	5086	4896
35°	5874	4820	4674
40°	5707	4556	4461
45°	5540	4327	4258
50°	5345	4090	4062
55°	5136	3857	3843
60°	4885	3608	3634
65°	4585	3345	3398
70°	4194	3056	3179
75°	3659	2761	2942
80°	2957	2445	2699
85°	2043	2125	2477

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5540 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.1	2.5
10°-20°	251.3	7.1
20°-30°	377.5	10.7
30°-40°	453.3	12.9
40°-50°	476.7	13.5
50°-60°	447.9	12.7
60°-70°	372.4	10.6
70°-80°	265.7	7.5
80°-90°	158.2	4.5
90°-100°	114.5	3.3
100°-110°	113.0	3.2
110°-120°	106.1	3.0
120°-130°	94.0	2.7
130°-140°	77.9	2.2
140°-150°	58.3	1.7
150°-160°	38.4	1.1
160°-170°	21.8	0.6
170°-180°	6.9	0.2
0°-30°	716.9	20.4
0°-40°	1170.2	33.2
0°-60°	2094.7	59.5
0°-90°	2891.0	82.1
90°-120°	333.6	9.5
90°-150°	563.9	16.0
90°-180°	631.0	17.9
0°-180°	3522.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	932	932	932	932	932	
5°	925	936	922	925	931	88
15°	883	897	886	892	896	249
25°	806	821	817	824	826	371
35°	701	717	720	738	744	439
45°	579	596	613	644	655	447
55°	445	463	499	540	552	398
65°	303	328	380	427	439	300
75°	159	195	260	310	326	169
85°	40	88	152	203	220	44
90°	0	50	113	162	180	3
95°	4	53	113	161	178	5
105°	16	59	114	159	174	17
115°	32	64	113	152	168	31
125°	48	68	110	143	154	43
135°	59	72	104	130	140	45
145°	62	70	94	116	122	39
155°	63	71	79	98	104	29
165°	72	77	74	75	87	20
175°	80	79	75	64	38	8
180°	70	70	70	70	70	



TEST NUMBER: P894224
 CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6
2.5°	928.2	930.8	931.6	940.1	936.7	940.1	934.2	927.4	925.7	929.9	924.8
5°	924.8	927.4	928.2	936.7	933.3	935.9	930.8	924.0	922.3	927.4	922.3
7.5°	918.0	920.6	921.4	930.8	926.5	929.9	924.0	917.2	916.3	921.4	916.3
10°	909.5	912.1	912.9	921.4	918.0	921.4	915.5	908.7	907.8	913.8	908.7
12.5°	897.6	900.1	901.9	910.4	906.1	910.4	903.6	896.7	897.6	902.7	899.3
15°	883.1	886.5	887.4	895.9	892.5	896.7	889.9	883.1	884.8	889.9	886.5
17.5°	867.8	871.2	872.1	879.7	876.3	881.4	873.8	867.8	869.5	874.6	872.1
20°	849.1	852.5	854.2	861.9	858.5	863.6	855.9	850.8	852.5	858.5	855.9
22.5°	827.8	832.9	833.8	842.3	838.0	843.1	835.5	831.2	833.8	839.7	837.2
25°	805.7	810.8	811.7	820.2	816.8	821.0	813.4	809.1	812.5	818.5	816.8
27.5°	781.9	787.0	788.7	796.4	792.9	798.1	789.5	787.0	790.4	796.4	794.6
30°	756.4	761.5	762.3	770.0	767.4	772.5	764.9	761.5	766.6	772.5	770.8
32.5°	729.1	734.2	736.8	743.6	741.0	745.3	738.5	736.8	741.0	747.0	746.2
35°	701.1	706.2	708.7	716.4	713.0	717.2	710.4	708.7	715.5	719.8	719.8
37.5°	672.1	677.2	679.8	687.4	683.2	688.3	681.5	680.6	688.3	692.6	692.6
40°	641.5	647.5	650.0	656.8	653.4	657.7	651.7	652.6	659.4	664.5	665.3
42.5°	610.9	616.8	619.4	627.0	622.8	627.0	621.9	622.8	630.4	635.5	639.8
45°	579.4	584.5	587.1	595.6	590.5	595.6	590.5	592.2	599.8	607.5	612.6
47.5°	546.2	551.3	555.6	562.4	558.1	562.4	559.0	561.5	570.9	578.5	585.4
50°	513.0	518.1	522.4	528.3	524.1	530.0	525.8	529.2	541.1	548.8	556.4
52.5°	479.0	483.3	490.1	493.5	490.1	496.9	493.5	498.6	510.5	519.8	528.3
55°	445.0	449.2	456.0	458.6	455.2	462.8	460.3	467.1	479.9	490.1	499.4
57.5°	410.1	414.3	420.3	422.8	420.3	428.8	428.0	435.6	448.4	459.4	469.6
60°	374.4	378.6	383.7	386.3	386.3	394.8	394.8	404.1	417.7	428.0	439.9
62.5°	339.5	342.0	347.1	350.5	353.1	361.6	361.6	371.8	386.3	398.2	410.1
65°	302.9	305.4	309.7	313.9	318.2	327.6	328.4	339.5	353.9	365.8	379.5
67.5°	266.3	268.9	273.1	278.2	284.2	293.5	295.2	307.1	322.5	336.1	348.8
70°	230.6	231.4	236.5	243.3	250.1	259.5	262.0	274.8	291.0	304.6	318.2
72.5°	194.8	195.7	200.8	209.3	217.0	227.2	230.6	244.2	260.3	274.0	287.6
75°	159.1	160.0	166.8	177.0	185.5	194.8	199.1	213.6	229.7	244.2	259.5
77.5°	125.1	126.8	133.6	143.8	154.0	165.1	169.3	183.8	201.6	215.3	229.7
80°	93.6	95.3	102.9	114.0	125.1	135.3	140.4	154.8	173.6	187.2	203.3
82.5°	64.7	67.2	76.6	88.5	99.5	110.6	115.7	129.3	146.3	161.7	177.0
85°	40.0	43.4	52.7	65.5	77.4	87.6	92.7	107.2	123.4	137.8	152.3
87.5°	18.7	23.8	33.2	45.9	58.7	67.2	73.2	87.6	102.9	117.4	131.9
90°	0.0	7.7	17.0	29.8	42.5	50.2	57.0	70.6	85.9	99.5	113.2
92.5°	1.7	8.5	18.7	30.6	43.4	51.0	57.9	71.5	85.9	99.5	113.2
95°	4.3	9.4	19.6	32.3	45.1	52.7	58.7	72.3	86.8	100.4	113.2
97.5°	7.7	11.9	22.1	34.0	46.8	53.6	60.4	74.0	87.6	101.2	114.0
100°	10.2	13.6	23.8	35.7	48.5	55.3	62.1	74.9	88.5	102.1	114.0
102.5°	12.8	17.0	26.4	37.4	50.2	57.0	63.0	75.7	89.3	102.1	114.0
105°	16.2	19.6	28.1	40.0	51.9	58.7	64.7	77.4	90.2	102.9	114.0
107.5°	19.6	22.1	30.6	41.7	53.6	59.6	65.5	78.3	91.0	102.9	114.0
110°	23.8	25.5	33.2	43.4	54.5	61.3	67.2	79.1	91.0	102.9	114.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	28.1	28.1	35.7	45.1	56.2	62.1	68.1	80.0	91.9	102.9	114.0
115°	31.5	32.3	38.3	46.8	57.9	63.8	68.9	80.0	91.9	102.9	113.2
117.5°	35.7	35.7	41.7	48.5	58.7	64.7	70.6	80.8	91.9	102.1	112.3
120°	40.0	39.1	44.2	51.0	60.4	65.5	71.5	81.7	91.9	102.1	111.5
122.5°	44.2	42.5	45.9	52.7	61.3	67.2	71.5	81.7	91.9	101.2	110.6
125°	47.6	45.9	48.5	55.3	63.0	68.1	72.3	81.7	91.9	100.4	109.8
127.5°	51.0	49.3	51.9	57.0	63.8	68.1	73.2	81.7	91.9	99.5	108.1
130°	54.5	51.9	55.3	58.7	65.5	68.9	73.2	81.7	91.0	98.7	106.4
132.5°	57.0	54.5	57.9	60.4	66.4	69.8	74.0	81.7	90.2	97.8	105.5
135°	58.7	56.2	60.4	62.1	68.1	71.5	74.9	81.7	89.3	97.0	103.8
137.5°	60.4	57.0	62.1	63.8	68.9	72.3	74.9	80.8	88.5	95.3	102.1
140°	61.3	58.7	63.8	65.5	68.1	71.5	74.9	80.0	86.8	93.6	99.5
142.5°	62.1	58.7	64.7	66.4	68.1	70.6	74.0	78.3	85.1	91.0	97.0
145°	62.1	59.6	64.7	66.4	68.1	69.8	72.3	77.4	82.5	87.6	93.6
147.5°	62.1	60.4	65.5	67.2	68.9	68.9	70.6	75.7	80.0	85.1	90.2
150°	63.0	60.4	65.5	67.2	69.8	69.8	70.6	73.2	78.3	81.7	85.9
152.5°	62.1	61.3	64.7	68.1	69.8	70.6	70.6	71.5	75.7	79.1	82.5
155°	63.0	63.0	65.5	69.8	70.6	70.6	71.5	70.6	72.3	75.7	79.1
157.5°	64.7	66.4	66.4	70.6	72.3	72.3	73.2	72.3	71.5	72.3	75.7
160°	67.2	68.9	68.9	71.5	74.0	74.0	74.9	74.0	73.2	72.3	72.3
162.5°	69.8	71.5	71.5	72.3	74.9	75.7	76.6	75.7	74.9	73.2	72.3
165°	72.3	74.0	74.0	74.0	75.7	76.6	77.4	76.6	76.6	74.9	74.0
167.5°	74.9	76.6	76.6	75.7	76.6	77.4	78.3	77.4	77.4	76.6	74.9
170°	77.4	79.1	79.1	77.4	78.3	78.3	79.1	78.3	78.3	76.6	75.7
172.5°	79.1	80.8	80.0	79.1	79.1	79.1	79.1	78.3	77.4	75.7	75.7
175°	80.0	81.7	81.7	80.0	79.1	79.1	80.0	78.3	77.4	76.6	74.9
177.5°	80.0	81.7	81.7	80.0	80.0	79.1	80.0	79.1	79.1	77.4	75.7
180°	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6	931.6
2.5°	928.2	927.4	922.3	928.2	928.2	926.5	933.3	932.5	931.6	929.9
5°	924.8	924.0	918.9	924.8	924.8	924.0	930.8	931.6	932.5	930.8
7.5°	919.7	918.9	913.8	919.7	919.7	918.9	926.5	927.4	928.2	925.7
10°	912.1	911.2	906.1	912.1	912.9	912.1	918.0	918.9	920.6	917.2
12.5°	901.9	901.9	896.7	902.7	903.6	902.7	908.7	910.4	912.1	907.8
15°	889.1	889.9	885.7	891.6	892.5	892.5	898.4	899.3	901.9	895.9
17.5°	873.8	875.5	872.1	878.0	878.9	879.7	883.1	885.7	888.2	881.4
20°	857.6	858.5	855.9	861.0	862.7	861.9	866.1	869.5	872.1	865.3
22.5°	838.0	838.9	836.3	841.4	843.1	844.0	847.4	851.7	853.4	847.4
25°	815.9	819.3	817.6	822.7	824.4	824.4	827.8	832.1	834.6	826.1
27.5°	794.6	798.9	797.2	802.3	804.0	804.9	806.6	811.7	814.2	806.6
30°	770.8	775.9	775.1	780.2	781.9	781.0	784.4	789.5	792.9	784.4
32.5°	744.5	751.3	750.4	757.2	758.9	759.8	762.3	769.1	772.5	764.9
35°	718.9	726.6	727.4	735.1	737.6	738.5	741.9	748.7	752.1	744.5
37.5°	692.6	702.8	705.3	713.0	715.5	716.4	719.8	727.4	730.8	723.2
40°	667.0	678.9	682.3	689.1	691.7	694.3	696.8	704.5	708.7	701.1
42.5°	641.5	654.3	658.5	665.3	667.9	670.4	673.8	682.3	685.7	678.9
45°	615.1	628.7	633.8	640.7	644.1	646.6	650.0	657.7	661.9	655.1
47.5°	588.8	602.4	607.5	615.1	618.5	621.9	624.5	633.8	638.1	631.3
50°	560.7	576.0	581.9	588.8	593.9	596.4	599.8	608.3	612.6	606.6
52.5°	532.6	548.8	555.6	562.4	567.5	571.7	573.4	582.8	587.1	581.1
55°	503.7	519.8	527.5	535.2	540.3	545.4	547.1	556.4	560.7	552.2
57.5°	474.7	491.8	499.4	507.9	512.2	518.1	520.7	529.2	533.5	527.5
60°	445.8	462.0	471.3	479.0	485.0	490.1	491.8	501.1	505.4	497.7
62.5°	416.0	433.1	442.4	450.9	456.0	462.0	464.5	473.0	476.4	468.8
65°	385.4	402.4	412.6	420.3	427.1	432.2	433.9	443.3	446.7	439.0
67.5°	354.8	371.8	382.9	391.4	397.3	403.3	405.0	414.3	417.7	411.8
70°	325.0	342.0	353.1	363.3	367.5	373.5	376.1	384.6	388.0	382.9
72.5°	295.2	312.2	324.2	334.4	338.6	344.6	348.0	354.8	359.9	355.6
75°	266.3	283.3	295.2	305.4	309.7	315.6	319.1	325.9	329.3	325.9
77.5°	238.2	255.2	266.3	276.5	281.6	286.7	290.1	296.9	301.2	297.8
80°	211.0	228.0	239.1	248.4	253.5	258.6	262.0	269.7	273.1	270.6
82.5°	185.5	201.6	213.6	222.9	228.0	233.1	236.5	243.3	247.6	244.2
85°	162.5	178.7	189.7	199.1	203.3	208.4	211.8	218.7	222.1	220.4
87.5°	140.4	154.8	167.6	177.0	181.2	186.3	190.6	195.7	199.9	197.4
90°	123.4	136.1	148.0	157.4	162.5	167.6	172.7	177.8	181.2	179.5
92.5°	124.2	136.1	147.2	155.7	160.8	165.9	171.0	177.0	179.5	177.8
95°	124.2	136.1	147.2	155.7	160.8	165.9	171.0	177.0	179.5	177.8
97.5°	124.2	136.1	147.2	155.7	160.8	165.9	171.0	177.0	179.5	177.0
100°	124.2	136.1	147.2	155.7	160.8	165.1	170.2	176.1	178.7	177.0
102.5°	124.2	136.1	146.3	154.8	160.0	164.2	169.3	175.3	177.8	176.1
105°	124.2	135.3	146.3	154.0	159.1	163.4	168.5	173.6	176.1	174.4
107.5°	123.4	134.4	144.6	153.1	157.4	161.7	166.8	171.9	174.4	172.7
110°	123.4	133.6	143.8	151.4	155.7	160.0	165.1	170.2	172.7	171.0



TEST NUMBER: P894224

CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	122.5	132.7	142.9	149.7	154.0	158.2	162.5	168.5	171.0	169.3
115°	121.7	131.9	141.2	148.0	152.3	155.7	160.8	166.8	168.5	167.6
117.5°	120.8	130.2	139.5	146.3	150.6	154.0	158.2	163.4	165.9	165.1
120°	120.0	128.5	137.8	143.8	148.0	151.4	154.8	160.0	162.5	160.8
122.5°	118.3	126.8	136.1	142.1	145.5	148.9	152.3	156.5	159.1	158.2
125°	116.6	125.1	133.6	139.5	142.9	145.5	148.9	153.1	154.8	154.0
127.5°	114.9	123.4	131.0	136.1	140.4	142.9	145.5	149.7	151.4	150.6
130°	113.2	120.8	128.5	133.6	137.0	139.5	142.1	146.3	147.2	147.2
132.5°	111.5	118.3	125.9	131.0	134.4	136.1	138.7	142.1	143.8	142.9
135°	109.8	115.7	123.4	127.6	130.2	132.7	135.3	138.7	139.5	139.5
137.5°	107.2	113.2	120.0	124.2	126.8	128.5	131.0	134.4	135.3	135.3
140°	104.6	110.6	116.6	120.0	123.4	125.1	126.8	130.2	131.0	131.0
142.5°	102.1	107.2	113.2	116.6	120.0	120.8	123.4	125.9	126.8	126.8
145°	98.7	104.6	109.8	113.2	115.7	116.6	119.1	121.7	121.7	122.5
147.5°	94.4	99.5	106.4	108.9	111.5	112.3	114.9	116.6	117.4	117.4
150°	90.2	95.3	101.2	105.5	108.1	108.9	109.8	112.3	112.3	113.2
152.5°	85.9	90.2	96.1	100.4	103.8	104.6	105.5	107.2	107.2	108.1
155°	81.7	85.1	90.2	94.4	97.8	99.5	101.2	102.9	102.9	103.8
157.5°	78.3	81.7	85.9	89.3	91.9	94.4	97.0	98.7	98.7	98.7
160°	74.0	76.6	80.8	83.4	86.8	88.5	92.7	94.4	94.4	95.3
162.5°	71.5	72.3	74.9	77.4	80.0	81.7	85.9	90.2	90.2	91.0
165°	72.3	71.5	72.3	73.2	74.9	75.7	78.3	84.2	85.9	86.8
167.5°	74.0	71.5	71.5	71.5	73.2	73.2	75.7	79.1	85.1	83.4
170°	74.0	71.5	69.8	69.8	70.6	69.8	71.5	74.0	77.4	80.8
172.5°	74.9	72.3	69.8	66.4	67.2	66.4	64.7	64.7	65.5	76.6
175°	74.0	72.3	68.9	64.7	63.8	61.3	56.2	51.9	49.3	38.3
177.5°	73.2	70.6	68.1	64.7	63.0	60.4	54.5	47.6	40.8	39.1
180°	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8



TEST NUMBER: P894224
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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	14.25	15.57	14.87	16.21	16.93	16.80	18.12	17.42	18.76	19.48
	3H	15.66	16.86	16.29	17.50	18.26	19.23	20.43	19.86	21.08	21.83
	4H	16.09	17.23	16.74	17.88	18.65	20.37	21.51	21.02	22.17	22.94
	6H	16.33	17.38	16.99	18.05	18.83	21.51	22.57	22.17	23.23	24.02
	8H	16.37	17.38	17.04	18.07	18.86	22.07	23.08	22.74	23.77	24.56
	12H	16.38	17.35	17.06	18.03	18.85	22.65	23.62	23.33	24.30	25.12
4H	2H	15.14	16.28	15.79	16.94	17.71	17.15	18.29	17.80	18.95	19.72
	3H	16.77	17.73	17.43	18.43	19.22	19.79	20.75	20.45	21.44	22.23
	4H	17.32	18.21	18.00	18.90	19.72	21.08	21.96	21.76	22.66	23.48
	6H	17.66	18.44	18.36	19.16	19.99	22.39	23.17	23.09	23.89	24.71
	8H	17.74	18.47	18.44	19.19	20.03	23.04	23.78	23.75	24.50	25.34
	12H	17.77	18.43	18.49	19.18	20.02	23.75	24.41	24.47	25.15	26.00
8H	4H	17.97	18.70	18.68	19.42	20.26	21.23	21.96	21.93	22.68	23.52
	6H	18.48	19.09	19.21	19.85	20.70	22.68	23.30	23.42	24.06	24.90
	8H	18.63	19.19	19.38	19.95	20.81	23.46	24.02	24.21	24.78	25.64
	12H	18.72	19.22	19.47	19.97	20.89	24.33	24.82	25.07	25.57	26.49
12H	4H	18.14	18.80	18.86	19.54	20.39	21.22	21.88	21.94	22.63	23.47
	6H	18.73	19.29	19.48	20.05	20.91	22.70	23.26	23.45	24.02	24.88
	8H	18.97	19.46	19.72	20.21	21.13	23.53	24.03	24.28	24.78	25.70