

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: P894223

Luminaire Tested: 4MB-SC3-FLTU-UNV-CC93-MID-4000K

Issue Date: 11/11/2024

**Test Information**

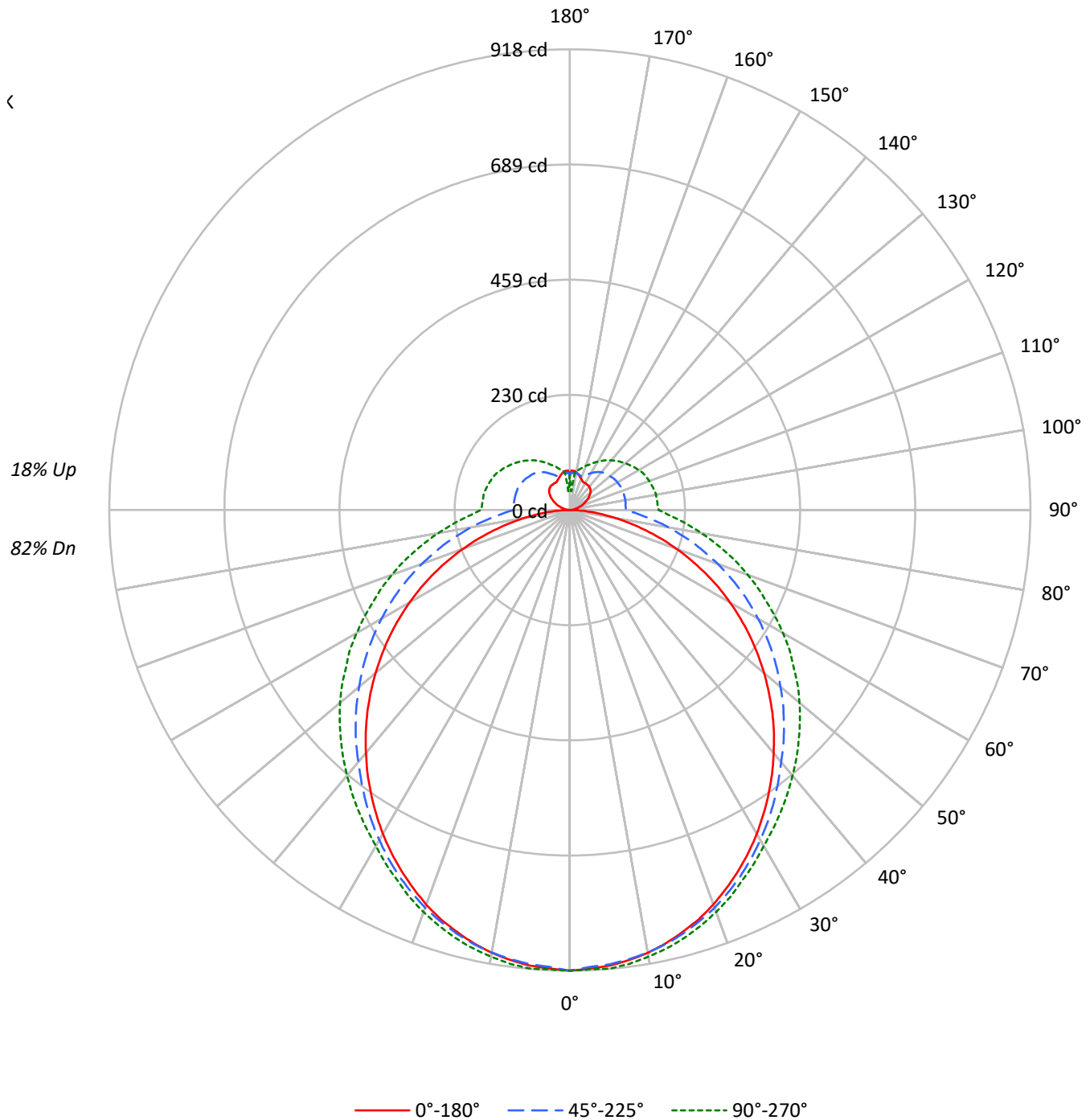
Test Method: LM-79-2019  
Report Number: P894223  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-FLTU-UNV-CC93-MID-4000K  
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 4000K CCT, MID lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3470.0 lumens  
Efficiency: N/A  
Efficacy: 103.6 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

TEST NUMBER: P894223  
CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-4000K

### Luminous Intensity Polar Plot





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**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	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°	6531	6531	6531
5°	6478	6258	6250
10°	6415	6017	5953
15°	6320	5776	5670
20°	6216	5531	5382
25°	6083	5274	5089
30°	5943	5011	4824
35°	5787	4749	4604
40°	5623	4489	4395
45°	5458	4263	4195
50°	5267	4030	4002
55°	5060	3800	3786
60°	4812	3554	3580
65°	4517	3295	3348
70°	4132	3011	3132
75°	3606	2720	2898
80°	2913	2409	2659
85°	2012	2093	2440

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5458 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.8	2.5
10°-20°	247.6	7.1
20°-30°	371.9	10.7
30°-40°	446.6	12.9
40°-50°	469.6	13.5
50°-60°	441.2	12.7
60°-70°	366.9	10.6
70°-80°	261.8	7.5
80°-90°	155.8	4.5
90°-100°	112.8	3.3
100°-110°	111.3	3.2
110°-120°	104.6	3.0
120°-130°	92.6	2.7
130°-140°	76.8	2.2
140°-150°	57.5	1.7
150°-160°	37.8	1.1
160°-170°	21.4	0.6
170°-180°	6.8	0.2
0°-30°	706.3	20.4
0°-40°	1152.9	33.2
0°-60°	2063.8	59.5
0°-90°	2848.4	82.1
90°-120°	328.7	9.5
90°-150°	555.6	16.0
90°-180°	622.0	17.9
0°-180°	3470.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	918	918	918	918	918	
5°	911	922	909	911	917	86
15°	870	884	873	879	883	245
25°	794	809	805	812	814	366
35°	691	707	709	727	734	432
45°	571	587	604	634	645	440
55°	438	456	492	532	544	392
65°	298	323	374	421	432	295
75°	157	192	256	305	321	167
85°	39	86	150	200	217	43
90°	0	50	112	160	177	3
95°	4	52	112	158	175	5
105°	16	58	112	157	172	17
115°	31	63	112	150	165	31
125°	47	67	108	141	152	42
135°	58	70	102	128	138	45
145°	61	69	92	114	121	38
155°	62	70	78	96	102	29
165°	71	75	73	74	86	20
175°	79	78	74	63	38	7
180°	69	69	69	69	69	



TEST NUMBER: P894223

CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9
2.5°	914.5	917.0	917.9	926.3	922.9	926.3	920.4	913.7	912.0	916.2	911.2
5°	911.2	913.7	914.5	922.9	919.6	922.1	917.0	910.3	908.7	913.7	908.7
7.5°	904.5	907.0	907.8	917.0	912.8	916.2	910.3	903.6	902.8	907.8	902.8
10°	896.1	898.6	899.4	907.8	904.5	907.8	901.9	895.2	894.4	900.3	895.2
12.5°	884.3	886.9	888.5	896.9	892.7	896.9	890.2	883.5	884.3	889.4	886.0
15°	870.1	873.4	874.3	882.7	879.3	883.5	876.8	870.1	871.8	876.8	873.4
17.5°	855.0	858.4	859.2	866.7	863.4	868.4	860.9	855.0	856.7	861.7	859.2
20°	836.6	839.9	841.6	849.1	845.8	850.8	843.3	838.2	839.9	845.8	843.3
22.5°	815.6	820.6	821.5	829.9	825.7	830.7	823.2	819.0	821.5	827.3	824.8
25°	793.8	798.8	799.7	808.1	804.7	808.9	801.4	797.2	800.5	806.4	804.7
27.5°	770.3	775.4	777.0	784.6	781.2	786.3	777.9	775.4	778.7	784.6	782.9
30°	745.2	750.2	751.1	758.6	756.1	761.1	753.6	750.2	755.3	761.1	759.4
32.5°	718.4	723.4	725.9	732.6	730.1	734.3	727.6	725.9	730.1	736.0	735.1
35°	690.7	695.7	698.3	705.8	702.4	706.6	699.9	698.3	705.0	709.2	709.2
37.5°	662.2	667.2	669.8	677.3	673.1	678.1	671.4	670.6	678.1	682.3	682.3
40°	632.0	637.9	640.4	647.1	643.8	648.0	642.1	642.9	649.6	654.7	655.5
42.5°	601.9	607.7	610.2	617.8	613.6	617.8	612.8	613.6	621.1	626.2	630.4
45°	570.8	575.9	578.4	586.8	581.7	586.8	581.7	583.4	591.0	598.5	603.5
47.5°	538.2	543.2	547.4	554.1	549.9	554.1	550.7	553.2	562.5	570.0	576.7
50°	505.5	510.5	514.7	520.5	516.4	522.2	518.0	521.4	533.1	540.7	548.2
52.5°	471.9	476.1	482.8	486.2	482.8	489.5	486.2	491.2	502.9	512.2	520.5
55°	438.4	442.6	449.3	451.8	448.5	456.0	453.5	460.2	472.8	482.8	492.0
57.5°	404.0	408.2	414.1	416.6	414.1	422.5	421.6	429.2	441.8	452.7	462.7
60°	368.8	373.0	378.0	380.6	380.6	388.9	388.9	398.2	411.6	421.6	433.4
62.5°	334.5	337.0	342.0	345.4	347.9	356.3	356.3	366.3	380.6	392.3	404.0
65°	298.4	300.9	305.1	309.3	313.5	322.7	323.6	334.5	348.7	360.4	373.9
67.5°	262.4	264.9	269.1	274.1	280.0	289.2	290.9	302.6	317.7	331.1	343.7
70°	227.2	228.0	233.0	239.7	246.4	255.7	258.2	270.8	286.7	300.1	313.5
72.5°	192.0	192.8	197.8	206.2	213.8	223.8	227.2	240.6	256.5	269.9	283.3
75°	156.8	157.6	164.3	174.4	182.7	192.0	196.1	210.4	226.3	240.6	255.7
77.5°	123.2	124.9	131.6	141.7	151.7	162.6	166.8	181.1	198.7	212.1	226.3
80°	92.2	93.9	101.4	112.3	123.2	133.3	138.3	152.6	171.0	184.4	200.3
82.5°	63.7	66.2	75.4	87.2	98.1	109.0	114.0	127.4	144.2	159.3	174.4
85°	39.4	42.8	52.0	64.5	76.3	86.3	91.4	105.6	121.5	135.8	150.0
87.5°	18.4	23.5	32.7	45.3	57.8	66.2	72.1	86.3	101.4	115.7	129.9
90°	0.0	7.5	16.8	29.3	41.9	49.5	56.2	69.6	84.7	98.1	111.5
92.5°	1.7	8.4	18.4	30.2	42.8	50.3	57.0	70.4	84.7	98.1	111.5
95°	4.2	9.2	19.3	31.9	44.4	52.0	57.8	71.3	85.5	98.9	111.5
97.5°	7.5	11.7	21.8	33.5	46.1	52.8	59.5	72.9	86.3	99.8	112.3
100°	10.1	13.4	23.5	35.2	47.8	54.5	61.2	73.8	87.2	100.6	112.3
102.5°	12.6	16.8	26.0	36.9	49.5	56.2	62.0	74.6	88.0	100.6	112.3
105°	15.9	19.3	27.7	39.4	51.1	57.8	63.7	76.3	88.9	101.4	112.3
107.5°	19.3	21.8	30.2	41.1	52.8	58.7	64.5	77.1	89.7	101.4	112.3
110°	23.5	25.1	32.7	42.8	53.6	60.4	66.2	78.0	89.7	101.4	112.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	27.7	27.7	35.2	44.4	55.3	61.2	67.1	78.8	90.5	101.4	112.3
115°	31.0	31.9	37.7	46.1	57.0	62.9	67.9	78.8	90.5	101.4	111.5
117.5°	35.2	35.2	41.1	47.8	57.8	63.7	69.6	79.6	90.5	100.6	110.6
120°	39.4	38.6	43.6	50.3	59.5	64.5	70.4	80.5	90.5	100.6	109.8
122.5°	43.6	41.9	45.3	52.0	60.4	66.2	70.4	80.5	90.5	99.8	109.0
125°	46.9	45.3	47.8	54.5	62.0	67.1	71.3	80.5	90.5	98.9	108.1
127.5°	50.3	48.6	51.1	56.2	62.9	67.1	72.1	80.5	90.5	98.1	106.5
130°	53.6	51.1	54.5	57.8	64.5	67.9	72.1	80.5	89.7	97.2	104.8
132.5°	56.2	53.6	57.0	59.5	65.4	68.7	72.9	80.5	88.9	96.4	103.9
135°	57.8	55.3	59.5	61.2	67.1	70.4	73.8	80.5	88.0	95.6	102.3
137.5°	59.5	56.2	61.2	62.9	67.9	71.3	73.8	79.6	87.2	93.9	100.6
140°	60.4	57.8	62.9	64.5	67.1	70.4	73.8	78.8	85.5	92.2	98.1
142.5°	61.2	57.8	63.7	65.4	67.1	69.6	72.9	77.1	83.8	89.7	95.6
145°	61.2	58.7	63.7	65.4	67.1	68.7	71.3	76.3	81.3	86.3	92.2
147.5°	61.2	59.5	64.5	66.2	67.9	67.9	69.6	74.6	78.8	83.8	88.9
150°	62.0	59.5	64.5	66.2	68.7	68.7	69.6	72.1	77.1	80.5	84.7
152.5°	61.2	60.4	63.7	67.1	68.7	69.6	69.6	70.4	74.6	78.0	81.3
155°	62.0	62.0	64.5	68.7	69.6	69.6	70.4	69.6	71.3	74.6	78.0
157.5°	63.7	65.4	65.4	69.6	71.3	71.3	72.1	71.3	70.4	71.3	74.6
160°	66.2	67.9	67.9	70.4	72.9	72.9	73.8	72.9	72.1	71.3	71.3
162.5°	68.7	70.4	70.4	71.3	73.8	74.6	75.4	74.6	73.8	72.1	71.3
165°	71.3	72.9	72.9	72.9	74.6	75.4	76.3	75.4	75.4	73.8	72.9
167.5°	73.8	75.4	75.4	74.6	75.4	76.3	77.1	76.3	76.3	75.4	73.8
170°	76.3	78.0	78.0	76.3	77.1	77.1	78.0	77.1	77.1	75.4	74.6
172.5°	78.0	79.6	78.8	78.0	78.0	78.0	78.0	77.1	76.3	74.6	74.6
175°	78.8	80.5	80.5	78.8	78.0	78.0	78.8	77.1	76.3	75.4	73.8
177.5°	78.8	80.5	80.5	78.8	78.8	78.0	78.8	78.0	78.0	76.3	74.6
180°	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9	917.9
2.5°	914.5	913.7	908.7	914.5	914.5	912.8	919.6	918.7	917.9	916.2
5°	911.2	910.3	905.3	911.2	911.2	910.3	917.0	917.9	918.7	917.0
7.5°	906.1	905.3	900.3	906.1	906.1	905.3	912.8	913.7	914.5	912.0
10°	898.6	897.8	892.7	898.6	899.4	898.6	904.5	905.3	907.0	903.6
12.5°	888.5	888.5	883.5	889.4	890.2	889.4	895.2	896.9	898.6	894.4
15°	876.0	876.8	872.6	878.5	879.3	879.3	885.2	886.0	888.5	882.7
17.5°	860.9	862.5	859.2	865.1	865.9	866.7	870.1	872.6	875.1	868.4
20°	844.9	845.8	843.3	848.3	850.0	849.1	853.3	856.7	859.2	852.5
22.5°	825.7	826.5	824.0	829.0	830.7	831.5	834.9	839.1	840.8	834.9
25°	803.9	807.2	805.5	810.6	812.3	812.3	815.6	819.8	822.3	813.9
27.5°	782.9	787.1	785.4	790.5	792.1	793.0	794.7	799.7	802.2	794.7
30°	759.4	764.5	763.6	768.7	770.3	769.5	772.9	777.9	781.2	772.9
32.5°	733.5	740.2	739.3	746.0	747.7	748.5	751.1	757.8	761.1	753.6
35°	708.3	715.9	716.7	724.2	726.8	727.6	730.9	737.7	741.0	733.5
37.5°	682.3	692.4	694.9	702.4	705.0	705.8	709.2	716.7	720.0	712.5
40°	657.2	668.9	672.3	679.0	681.5	684.0	686.5	694.1	698.3	690.7
42.5°	632.0	644.6	648.8	655.5	658.0	660.5	663.9	672.3	675.6	668.9
45°	606.0	619.5	624.5	631.2	634.5	637.1	640.4	648.0	652.2	645.4
47.5°	580.1	593.5	598.5	606.0	609.4	612.8	615.3	624.5	628.7	622.0
50°	552.4	567.5	573.4	580.1	585.1	587.6	591.0	599.3	603.5	597.7
52.5°	524.7	540.7	547.4	554.1	559.1	563.3	565.0	574.2	578.4	572.5
55°	496.2	512.2	519.7	527.3	532.3	537.3	539.0	548.2	552.4	544.0
57.5°	467.7	484.5	492.0	500.4	504.6	510.5	513.0	521.4	525.6	519.7
60°	439.2	455.2	464.4	471.9	477.8	482.8	484.5	493.7	497.9	490.4
62.5°	409.9	426.7	435.9	444.3	449.3	455.2	457.7	466.1	469.4	461.9
65°	379.7	396.5	406.5	414.1	420.8	425.8	427.5	436.7	440.1	432.5
67.5°	349.5	366.3	377.2	385.6	391.5	397.3	399.0	408.2	411.6	405.7
70°	320.2	337.0	347.9	357.9	362.1	368.0	370.5	378.9	382.2	377.2
72.5°	290.9	307.6	319.4	329.4	333.6	339.5	342.8	349.5	354.6	350.4
75°	262.4	279.1	290.9	300.9	305.1	311.0	314.3	321.0	324.4	321.0
77.5°	234.7	251.5	262.4	272.4	277.5	282.5	285.8	292.5	296.7	293.4
80°	207.9	224.6	235.5	244.8	249.8	254.8	258.2	265.7	269.1	266.6
82.5°	182.7	198.7	210.4	219.6	224.6	229.7	233.0	239.7	243.9	240.6
85°	160.1	176.0	186.9	196.1	200.3	205.4	208.7	215.4	218.8	217.1
87.5°	138.3	152.6	165.1	174.4	178.5	183.6	187.8	192.8	197.0	194.5
90°	121.5	134.1	145.9	155.1	160.1	165.1	170.2	175.2	178.5	176.9
92.5°	122.4	134.1	145.0	153.4	158.4	163.5	168.5	174.4	176.9	175.2
95°	122.4	134.1	145.0	153.4	158.4	163.5	168.5	174.4	176.9	175.2
97.5°	122.4	134.1	145.0	153.4	158.4	163.5	168.5	174.4	176.9	174.4
100°	122.4	134.1	145.0	153.4	158.4	162.6	167.6	173.5	176.0	174.4
102.5°	122.4	134.1	144.2	152.6	157.6	161.8	166.8	172.7	175.2	173.5
105°	122.4	133.3	144.2	151.7	156.8	160.9	166.0	171.0	173.5	171.8
107.5°	121.5	132.4	142.5	150.9	155.1	159.3	164.3	169.3	171.8	170.2
110°	121.5	131.6	141.7	149.2	153.4	157.6	162.6	167.6	170.2	168.5





TEST NUMBER: P894223

CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-4000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	120.7	130.8	140.8	147.5	151.7	155.9	160.1	166.0	168.5	166.8
115°	119.9	129.9	139.1	145.9	150.0	153.4	158.4	164.3	166.0	165.1
117.5°	119.0	128.3	137.5	144.2	148.4	151.7	155.9	160.9	163.5	162.6
120°	118.2	126.6	135.8	141.7	145.9	149.2	152.6	157.6	160.1	158.4
122.5°	116.5	124.9	134.1	140.0	143.3	146.7	150.0	154.2	156.8	155.9
125°	114.8	123.2	131.6	137.5	140.8	143.3	146.7	150.9	152.6	151.7
127.5°	113.2	121.5	129.1	134.1	138.3	140.8	143.3	147.5	149.2	148.4
130°	111.5	119.0	126.6	131.6	135.0	137.5	140.0	144.2	145.0	145.0
132.5°	109.8	116.5	124.1	129.1	132.4	134.1	136.6	140.0	141.7	140.8
135°	108.1	114.0	121.5	125.7	128.3	130.8	133.3	136.6	137.5	137.5
137.5°	105.6	111.5	118.2	122.4	124.9	126.6	129.1	132.4	133.3	133.3
140°	103.1	109.0	114.8	118.2	121.5	123.2	124.9	128.3	129.1	129.1
142.5°	100.6	105.6	111.5	114.8	118.2	119.0	121.5	124.1	124.9	124.9
145°	97.2	103.1	108.1	111.5	114.0	114.8	117.4	119.9	119.9	120.7
147.5°	93.0	98.1	104.8	107.3	109.8	110.6	113.2	114.8	115.7	115.7
150°	88.9	93.9	99.8	103.9	106.5	107.3	108.1	110.6	110.6	111.5
152.5°	84.7	88.9	94.7	98.9	102.3	103.1	103.9	105.6	105.6	106.5
155°	80.5	83.8	88.9	93.0	96.4	98.1	99.8	101.4	101.4	102.3
157.5°	77.1	80.5	84.7	88.0	90.5	93.0	95.6	97.2	97.2	97.2
160°	72.9	75.4	79.6	82.1	85.5	87.2	91.4	93.0	93.0	93.9
162.5°	70.4	71.3	73.8	76.3	78.8	80.5	84.7	88.9	88.9	89.7
165°	71.3	70.4	71.3	72.1	73.8	74.6	77.1	83.0	84.7	85.5
167.5°	72.9	70.4	70.4	70.4	72.1	72.1	74.6	78.0	83.8	82.1
170°	72.9	70.4	68.7	68.7	69.6	68.7	70.4	72.9	76.3	79.6
172.5°	73.8	71.3	68.7	65.4	66.2	65.4	63.7	63.7	64.5	75.4
175°	72.9	71.3	67.9	63.7	62.9	60.4	55.3	51.1	48.6	37.7
177.5°	72.1	69.6	67.1	63.7	62.0	59.5	53.6	46.9	40.2	38.6
180°	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7



TEST NUMBER: P894223  
 CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-MID-4000K

**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	14.20	15.52	14.82	16.16	16.88	16.75	18.07	17.37	18.71	19.43
	3H	15.61	16.81	16.24	17.45	18.21	19.18	20.38	19.81	21.02	21.78
	4H	16.04	17.17	16.68	17.83	18.60	20.32	21.46	20.97	22.12	22.88
	6H	16.27	17.33	16.94	18.00	18.78	21.46	22.52	22.12	23.18	23.97
	8H	16.32	17.33	16.99	18.02	18.80	22.02	23.03	22.69	23.72	24.51
	12H	16.33	17.30	17.01	17.98	18.79	22.60	23.57	23.28	24.25	25.07
4H	2H	15.09	16.23	15.74	16.88	17.65	17.10	18.24	17.75	18.90	19.66
	3H	16.72	17.68	17.38	18.38	19.16	19.73	20.70	20.40	21.39	22.18
	4H	17.27	18.16	17.95	18.85	19.67	21.02	21.91	21.70	22.61	23.42
	6H	17.61	18.39	18.31	19.11	19.94	22.34	23.11	23.03	23.84	24.66
	8H	17.69	18.42	18.39	19.14	19.98	22.99	23.72	23.70	24.44	25.28
	12H	17.72	18.38	18.44	19.12	19.97	23.69	24.36	24.42	25.10	25.95
8H	4H	17.92	18.65	18.62	19.37	20.21	21.18	21.91	21.88	22.63	23.47
	6H	18.42	19.04	19.16	19.80	20.65	22.63	23.25	23.37	24.01	24.85
	8H	18.58	19.14	19.32	19.90	20.75	23.41	23.97	24.16	24.73	25.59
	12H	18.67	19.16	19.42	19.92	20.83	24.27	24.77	25.02	25.52	26.44
12H	4H	18.08	18.75	18.81	19.49	20.34	21.17	21.83	21.89	22.57	23.42
	6H	18.68	19.24	19.43	20.00	20.86	22.65	23.21	23.39	23.97	24.83
	8H	18.92	19.41	19.66	20.16	21.08	23.48	23.98	24.23	24.73	25.64