

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: P892692

Luminaire Tested: 2MB-3SL-RNDU-UNV-L950

Issue Date: 11/11/2024

**Test Information**

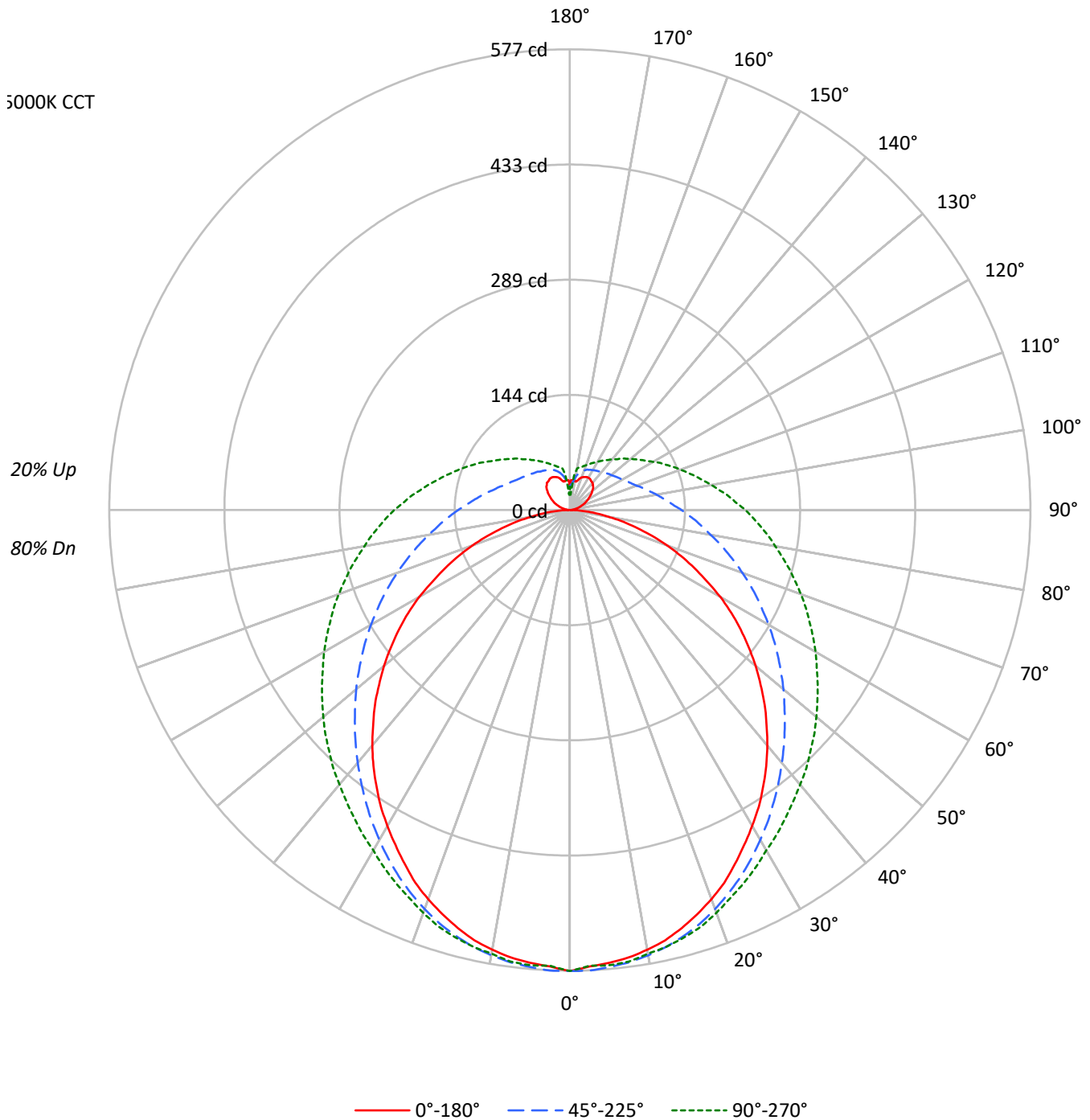
Test Method: LM-79-2019  
Report Number: P892692  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-3SL-RNDU-UNV-L950  
Description: 3000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 5  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2426.0 lumens  
Efficiency: N/A  
Efficacy: 115.5 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.28 / 1.37  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 1.98' x H: 0.21')  
CIE Type: Semi-Direct  
  
Input Watts (W): 21  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.998  
Total Harmonic Distortion (THDi): 8  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P892692  
CATALOG NUMBER: 2MB-3SL-RNDU-UNV-L950

### Luminous Intensity Polar Plot





TEST NUMBER: P892692  
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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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	83	83	80
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	65	65	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	22	20
9	51	38	30	24	49	37	29	23	34	27	22	31	25	21	29	24	20	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	18	16

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	8260	8260	8260
5°	8101	7928	7842
10°	7975	7607	7474
15°	7807	7276	7156
20°	7605	6931	6815
25°	7362	6578	6482
30°	7115	6222	6178
35°	6870	5881	5945
40°	6604	5562	5741
45°	6322	5271	5574
50°	6009	5017	5429
55°	5667	4780	5301
60°	5270	4573	5220
65°	4755	4393	5156
70°	4208	4240	5142
75°	3496	4132	5168
80°	2615	4081	5243
85°	1587	4156	5426

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6322 cd/sqm



TEST NUMBER: P892692  
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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.6	2.2
10°-20°	155.8	6.4
20°-30°	233.7	9.6
30°-40°	280.8	11.6
40°-50°	297.7	12.3
50°-60°	286.5	11.8
60°-70°	253.1	10.4
70°-80°	207.1	8.5
80°-90°	160.8	6.6
90°-100°	124.5	5.1
100°-110°	98.8	4.1
110°-120°	79.0	3.3
120°-130°	63.2	2.6
130°-140°	49.9	2.1
140°-150°	37.6	1.6
150°-160°	25.7	1.1
160°-170°	13.7	0.6
170°-180°	3.5	0.1
0°-30°	444.1	18.3
0°-40°	724.9	29.9
0°-60°	1309.1	54.0
0°-90°	1930.0	79.6
90°-120°	302.4	12.5
90°-150°	453.0	18.7
90°-180°	496.0	20.4
0°-180°	2426.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	577	577	577	577	577	
5°	569	575	574	576	572	54
15°	542	551	552	557	554	153
25°	489	501	506	516	516	225
35°	422	435	446	465	471	264
45°	345	359	381	414	426	266
55°	261	277	318	362	379	234
65°	172	198	258	311	331	171
75°	88	130	204	262	285	94
85°	21	79	159	218	240	23
90°	1	63	140	196	220	2
95°	3	52	124	177	200	3
105°	11	42	98	145	163	11
115°	21	40	82	118	134	21
125°	31	42	72	98	109	28
135°	42	45	65	83	91	32
145°	46	47	60	71	76	29
155°	46	50	56	62	65	21
165°	38	44	49	55	56	11
175°	38	36	33	30	28	4
180°	29	29	29	29	29	



TEST NUMBER: P892692  
 CATALOG NUMBER: 2MB-3SL-RNDU-UNV-L950

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4
2.5°	572.3	575.4	576.4	575.4	575.4	577.4	577.4	581.5	582.5	576.4	577.4
5°	569.3	572.3	574.4	573.4	573.4	575.4	574.4	578.4	579.4	574.4	574.4
7.5°	565.3	568.3	570.3	569.3	569.3	571.3	570.3	574.4	575.4	571.3	571.3
10°	559.2	563.2	565.3	563.2	564.2	566.3	565.3	569.3	570.3	566.3	566.3
12.5°	552.1	556.1	558.2	557.2	558.2	559.2	558.2	563.2	564.2	560.2	560.2
15°	542.0	547.0	548.0	547.0	548.0	551.1	549.1	553.1	556.1	552.1	552.1
17.5°	530.8	535.9	537.9	536.9	538.9	540.9	538.9	544.0	546.0	542.0	543.0
20°	518.7	523.7	525.8	524.7	526.8	528.8	526.8	531.8	533.9	530.8	531.8
22.5°	505.5	510.6	512.6	511.6	513.6	515.6	513.6	518.7	521.7	518.7	519.7
25°	489.3	495.4	497.4	496.4	498.4	501.4	498.4	504.5	507.5	505.5	506.5
27.5°	473.1	478.1	482.2	480.2	483.2	486.2	484.2	488.3	492.3	491.3	492.3
30°	456.9	461.9	466.0	464.0	467.0	470.0	467.0	472.1	476.1	476.1	477.1
32.5°	440.7	444.7	447.7	446.7	448.8	452.8	450.8	455.9	459.9	459.9	461.9
35°	422.4	426.5	429.5	428.5	431.5	434.6	432.6	437.6	442.7	443.7	445.7
37.5°	404.2	408.2	411.3	410.3	412.3	416.3	414.3	420.4	424.5	426.5	429.5
40°	384.9	389.0	392.0	391.0	394.1	397.1	396.1	401.2	406.2	409.3	413.3
42.5°	364.7	368.7	371.8	371.8	374.8	378.9	376.8	382.9	388.0	392.0	397.1
45°	345.4	348.5	351.5	351.5	355.6	358.6	357.6	363.7	369.7	374.8	380.9
47.5°	324.2	328.2	330.2	331.3	335.3	338.3	338.3	344.4	351.5	358.6	364.7
50°	303.9	306.9	310.0	310.0	315.0	318.1	318.1	325.2	334.3	342.4	349.5
52.5°	282.6	285.7	288.7	289.7	293.8	297.8	297.8	305.9	316.1	325.2	333.3
55°	261.4	264.4	266.4	268.4	273.5	276.6	278.6	287.7	298.8	308.0	318.1
57.5°	240.1	242.1	245.1	247.2	253.3	257.3	260.3	270.5	281.6	292.8	302.9
60°	217.8	220.8	222.9	225.9	232.0	238.1	241.1	252.2	264.4	276.6	287.7
62.5°	193.5	196.5	199.6	203.6	212.7	217.8	222.9	235.0	247.2	260.3	272.5
65°	172.2	174.2	177.3	181.3	191.5	197.5	203.6	216.8	231.0	245.1	258.3
67.5°	150.9	153.0	157.0	162.1	173.2	179.3	185.4	199.6	215.8	231.0	244.1
70°	129.7	130.7	135.7	142.8	155.0	161.1	168.2	182.3	198.5	215.8	230.0
72.5°	108.4	110.4	115.5	123.6	137.8	144.9	152.0	168.2	184.4	200.6	216.8
75°	88.1	89.1	96.2	106.4	121.6	129.7	137.8	154.0	171.2	188.4	203.6
77.5°	68.9	69.9	79.0	90.2	106.4	115.5	123.6	139.8	158.0	175.3	191.5
80°	50.7	52.7	61.8	76.0	92.2	101.3	111.4	128.7	145.9	164.1	179.3
82.5°	34.4	37.5	47.6	62.8	80.0	90.2	99.3	116.5	134.7	153.0	168.2
85°	21.3	24.3	36.5	51.7	69.9	79.0	88.1	106.4	124.6	141.8	159.0
87.5°	9.1	15.2	27.4	42.5	60.8	69.9	80.0	97.2	114.5	132.7	148.9
90°	1.0	9.1	21.3	36.5	53.7	62.8	71.9	89.1	106.4	123.6	139.8
92.5°	1.0	6.1	17.2	31.4	47.6	56.7	64.8	82.1	98.3	115.5	130.7
95°	3.0	6.1	15.2	28.4	43.6	51.7	59.8	76.0	92.2	108.4	123.6
97.5°	4.1	7.1	15.2	26.3	39.5	47.6	55.7	70.9	86.1	101.3	116.5
100°	6.1	8.1	15.2	25.3	37.5	44.6	51.7	65.8	81.0	96.2	110.4
102.5°	8.1	10.1	16.2	25.3	36.5	42.5	49.6	62.8	76.0	90.2	104.3
105°	11.1	12.2	17.2	25.3	35.5	41.5	47.6	59.8	71.9	86.1	98.3
107.5°	13.2	14.2	18.2	26.3	35.5	40.5	46.6	56.7	68.9	81.0	94.2
110°	15.2	15.2	20.3	27.4	35.5	39.5	45.6	55.7	66.9	78.0	89.1



TEST NUMBER: P892692  
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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	18.2	18.2	21.3	28.4	35.5	39.5	44.6	53.7	63.8	75.0	85.1
115°	21.3	20.3	23.3	29.4	36.5	39.5	44.6	52.7	61.8	71.9	82.1
117.5°	23.3	22.3	25.3	30.4	36.5	40.5	44.6	52.7	60.8	69.9	79.0
120°	26.3	24.3	26.3	31.4	37.5	40.5	44.6	51.7	59.8	67.9	76.0
122.5°	28.4	27.4	28.4	33.4	38.5	40.5	44.6	50.7	58.8	65.8	73.9
125°	31.4	29.4	30.4	34.4	39.5	41.5	45.6	50.7	57.7	64.8	71.9
127.5°	34.4	31.4	31.4	35.5	39.5	42.5	45.6	50.7	56.7	62.8	69.9
130°	36.5	34.4	33.4	37.5	40.5	42.5	45.6	50.7	55.7	61.8	67.9
132.5°	39.5	36.5	35.5	38.5	41.5	43.6	46.6	50.7	55.7	60.8	66.9
135°	41.5	38.5	37.5	39.5	42.5	44.6	46.6	50.7	55.7	59.8	64.8
137.5°	42.5	40.5	39.5	40.5	43.6	45.6	47.6	50.7	54.7	58.8	63.8
140°	44.6	42.5	41.5	42.5	44.6	45.6	47.6	50.7	54.7	57.7	62.8
142.5°	44.6	44.6	42.5	43.6	44.6	46.6	48.6	50.7	53.7	57.7	60.8
145°	45.6	45.6	44.6	45.6	45.6	46.6	48.6	50.7	53.7	56.7	59.8
147.5°	46.6	46.6	46.6	46.6	46.6	47.6	48.6	50.7	53.7	55.7	58.8
150°	46.6	46.6	47.6	47.6	48.6	48.6	49.6	50.7	53.7	55.7	57.7
152.5°	46.6	45.6	47.6	48.6	49.6	49.6	49.6	50.7	52.7	54.7	56.7
155°	45.6	44.6	46.6	47.6	48.6	49.6	50.7	50.7	52.7	53.7	55.7
157.5°	44.6	43.6	45.6	46.6	47.6	48.6	49.6	49.6	50.7	52.7	54.7
160°	43.6	42.5	43.6	45.6	46.6	47.6	48.6	48.6	49.6	50.7	52.7
162.5°	41.5	40.5	41.5	43.6	44.6	45.6	46.6	47.6	48.6	49.6	50.7
165°	38.5	38.5	38.5	40.5	42.5	43.6	44.6	45.6	46.6	47.6	48.6
167.5°	36.5	35.5	36.5	37.5	39.5	40.5	41.5	42.5	43.6	44.6	45.6
170°	36.5	35.5	35.5	36.5	37.5	37.5	38.5	39.5	40.5	41.5	42.5
172.5°	37.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	37.5	37.5
175°	37.5	37.5	36.5	36.5	35.5	35.5	35.5	35.5	34.4	33.4	33.4
177.5°	37.5	37.5	37.5	36.5	36.5	35.5	35.5	35.5	34.4	33.4	31.4
180°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4	577.4
2.5°	576.4	576.4	572.3	576.4	577.4	575.4	574.4	576.4	573.4	571.3
5°	574.4	574.4	571.3	575.4	576.4	574.4	574.4	576.4	573.4	572.3
7.5°	570.3	571.3	569.3	573.4	574.4	572.3	572.3	574.4	572.3	570.3
10°	566.3	566.3	565.3	568.3	568.3	567.3	566.3	568.3	567.3	564.2
12.5°	560.2	561.2	559.2	563.2	564.2	562.2	562.2	564.2	562.2	560.2
15°	553.1	553.1	553.1	556.1	557.2	556.1	556.1	558.2	556.1	554.1
17.5°	544.0	545.0	545.0	549.1	550.1	548.0	548.0	551.1	550.1	547.0
20°	532.8	533.9	534.9	537.9	538.9	537.9	537.9	539.9	539.9	536.9
22.5°	521.7	521.7	523.7	526.8	527.8	526.8	526.8	529.8	529.8	525.8
25°	508.5	508.5	511.6	515.6	515.6	514.6	515.6	517.6	518.7	515.6
27.5°	495.4	496.4	499.4	503.5	503.5	503.5	503.5	506.5	506.5	504.5
30°	480.2	482.2	485.2	489.3	490.3	490.3	491.3	493.3	495.4	492.3
32.5°	465.0	467.0	471.0	476.1	477.1	478.1	479.2	483.2	485.2	482.2
35°	449.8	451.8	457.9	464.0	465.0	466.0	468.0	472.1	474.1	471.0
37.5°	434.6	437.6	445.7	450.8	452.8	453.8	456.9	459.9	464.0	459.9
40°	420.4	423.4	432.6	438.6	439.6	441.7	444.7	448.8	451.8	448.8
42.5°	405.2	409.3	418.4	425.5	427.5	429.5	432.6	436.6	440.7	438.6
45°	390.0	395.1	405.2	412.3	414.3	417.4	421.4	425.5	429.5	426.5
47.5°	374.8	380.9	392.0	399.1	401.2	405.2	409.3	413.3	417.4	415.3
50°	359.6	365.7	377.9	386.0	389.0	393.0	396.1	401.2	405.2	403.2
52.5°	345.4	351.5	364.7	372.8	375.8	379.9	383.9	389.0	393.0	391.0
55°	329.2	336.3	350.5	358.6	361.6	366.7	371.8	375.8	380.9	378.9
57.5°	315.0	323.1	337.3	346.4	349.5	354.6	359.6	364.7	369.7	366.7
60°	300.9	309.0	324.2	333.3	336.3	342.4	347.5	351.5	357.6	355.6
62.5°	286.7	295.8	310.0	320.1	324.2	329.2	334.3	339.4	344.4	343.4
65°	271.5	281.6	296.8	306.9	311.0	317.1	322.1	327.2	332.3	331.3
67.5°	259.3	269.5	284.7	294.8	298.8	304.9	311.0	316.1	321.1	320.1
70°	245.1	256.3	271.5	281.6	285.7	291.7	297.8	302.9	308.0	308.0
72.5°	233.0	244.1	259.3	269.5	274.5	280.6	286.7	291.7	296.8	295.8
75°	220.8	232.0	247.2	257.3	262.4	269.5	275.5	280.6	285.7	284.7
77.5°	207.7	219.8	235.0	245.1	250.2	257.3	263.4	268.4	273.5	272.5
80°	195.5	208.7	223.9	234.0	239.1	245.1	252.2	257.3	262.4	261.4
82.5°	184.4	197.5	213.7	223.9	228.9	235.0	242.1	247.2	251.2	251.2
85°	174.2	186.4	201.6	212.7	217.8	223.9	231.0	236.0	241.1	240.1
87.5°	164.1	176.3	190.4	201.6	206.7	212.7	220.8	225.9	230.0	230.0
90°	155.0	167.1	181.3	191.5	196.5	202.6	209.7	215.8	219.8	219.8
92.5°	146.9	158.0	172.2	181.3	186.4	192.5	200.6	204.6	208.7	208.7
95°	138.8	149.9	163.1	172.2	177.3	183.4	190.4	195.5	198.5	199.6
97.5°	130.7	141.8	155.0	163.1	168.2	174.2	181.3	185.4	188.4	189.4
100°	123.6	134.7	146.9	155.0	160.1	166.1	172.2	176.3	179.3	180.3
102.5°	117.5	127.6	139.8	147.9	152.0	157.0	164.1	168.2	171.2	171.2
105°	111.4	121.6	132.7	140.8	144.9	149.9	156.0	160.1	163.1	163.1
107.5°	105.4	115.5	125.6	133.7	137.8	141.8	147.9	152.0	155.0	155.0
110°	100.3	109.4	119.5	126.6	130.7	134.7	140.8	144.9	146.9	147.9





TEST NUMBER: P892692  
 CATALOG NUMBER: 2MB-3SL-RNDU-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	96.2	104.3	113.5	120.5	124.6	128.7	133.7	137.8	139.8	140.8
115°	92.2	99.3	108.4	114.5	118.5	122.6	127.6	130.7	132.7	133.7
117.5°	88.1	95.2	103.3	109.4	112.4	116.5	121.6	124.6	126.6	127.6
120°	85.1	91.2	99.3	104.3	107.4	111.4	115.5	118.5	120.5	120.5
122.5°	81.0	88.1	94.2	99.3	102.3	105.4	110.4	112.4	114.5	114.5
125°	79.0	84.1	91.2	95.2	98.3	101.3	105.4	107.4	109.4	109.4
127.5°	76.0	81.0	87.1	91.2	93.2	96.2	100.3	102.3	103.3	104.3
130°	73.9	79.0	84.1	88.1	90.2	92.2	96.2	97.2	99.3	99.3
132.5°	71.9	76.0	81.0	84.1	86.1	88.1	91.2	93.2	94.2	95.2
135°	69.9	73.9	78.0	81.0	83.1	85.1	88.1	89.1	90.2	91.2
137.5°	67.9	71.9	75.0	78.0	79.0	81.0	84.1	85.1	86.1	86.1
140°	65.8	69.9	72.9	75.0	77.0	78.0	81.0	82.1	82.1	83.1
142.5°	64.8	67.9	69.9	71.9	73.9	75.0	77.0	78.0	79.0	79.0
145°	62.8	65.8	67.9	69.9	70.9	71.9	73.9	75.0	76.0	76.0
147.5°	61.8	63.8	65.8	67.9	68.9	69.9	71.9	71.9	72.9	72.9
150°	59.8	62.8	63.8	65.8	66.9	66.9	68.9	69.9	69.9	69.9
152.5°	58.8	60.8	61.8	62.8	63.8	64.8	65.8	66.9	66.9	66.9
155°	57.7	59.8	60.8	61.8	61.8	62.8	63.8	63.8	63.8	64.8
157.5°	56.7	57.7	58.8	59.8	59.8	60.8	61.8	61.8	61.8	61.8
160°	54.7	55.7	56.7	57.7	58.8	58.8	59.8	59.8	59.8	59.8
162.5°	51.7	53.7	54.7	55.7	56.7	56.7	57.7	57.7	57.7	57.7
165°	49.6	50.7	51.7	53.7	54.7	54.7	55.7	55.7	55.7	55.7
167.5°	47.6	47.6	48.6	49.6	51.7	52.7	53.7	54.7	54.7	54.7
170°	43.6	43.6	44.6	44.6	46.6	47.6	49.6	51.7	52.7	52.7
172.5°	38.5	38.5	39.5	38.5	39.5	39.5	40.5	42.5	44.6	45.6
175°	33.4	33.4	31.4	30.4	30.4	29.4	29.4	28.4	26.3	28.4
177.5°	29.4	28.4	26.3	24.3	24.3	23.3	23.3	21.3	19.2	19.2
180°	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4



TEST NUMBER: P892692  
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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	14.23	15.54	14.87	16.21	16.98	17.61	18.92	18.26	19.59	20.36
	3H	15.55	16.75	16.21	17.42	18.23	20.43	21.63	21.08	22.30	23.11
	4H	15.95	17.08	16.62	17.77	18.59	21.85	22.98	22.52	23.67	24.49
	6H	16.16	17.22	16.84	17.91	18.75	23.33	24.39	24.02	25.09	25.92
	8H	16.19	17.21	16.89	17.93	18.76	24.09	25.10	24.78	25.82	26.66
	12H	16.19	17.17	16.90	17.88	18.75	24.88	25.85	25.58	26.57	27.43
4H	2H	15.35	16.49	16.03	17.18	17.99	17.95	19.09	18.63	19.77	20.59
	3H	16.96	17.93	17.65	18.66	19.49	21.00	21.98	21.69	22.70	23.54
	4H	17.52	18.42	18.22	19.14	20.01	22.60	23.50	23.31	24.23	25.09
	6H	17.86	18.66	18.58	19.41	20.28	24.30	25.09	25.02	25.85	26.71
	8H	17.93	18.68	18.66	19.43	20.32	25.18	25.92	25.90	26.67	27.56
	12H	17.96	18.64	18.71	19.42	20.31	26.11	26.79	26.86	27.56	28.45
8H	4H	18.56	19.31	19.29	20.06	20.95	22.78	23.53	23.51	24.28	25.16
	6H	19.17	19.81	19.93	20.60	21.49	24.66	25.30	25.42	26.09	26.98
	8H	19.37	19.95	20.14	20.74	21.64	25.69	26.27	26.46	27.06	27.96
	12H	19.49	20.01	20.26	20.79	21.74	26.82	27.34	27.60	28.12	29.08
12H	4H	18.89	19.58	19.64	20.35	21.24	22.77	23.46	23.52	24.23	25.12
	6H	19.67	20.25	20.44	21.04	21.94	24.70	25.27	25.46	26.06	26.96
	8H	20.00	20.52	20.77	21.30	22.25	25.79	26.31	26.56	27.09	28.04