

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: P894331

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-RNDU-UNV-CC93-MID-4000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 40
CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

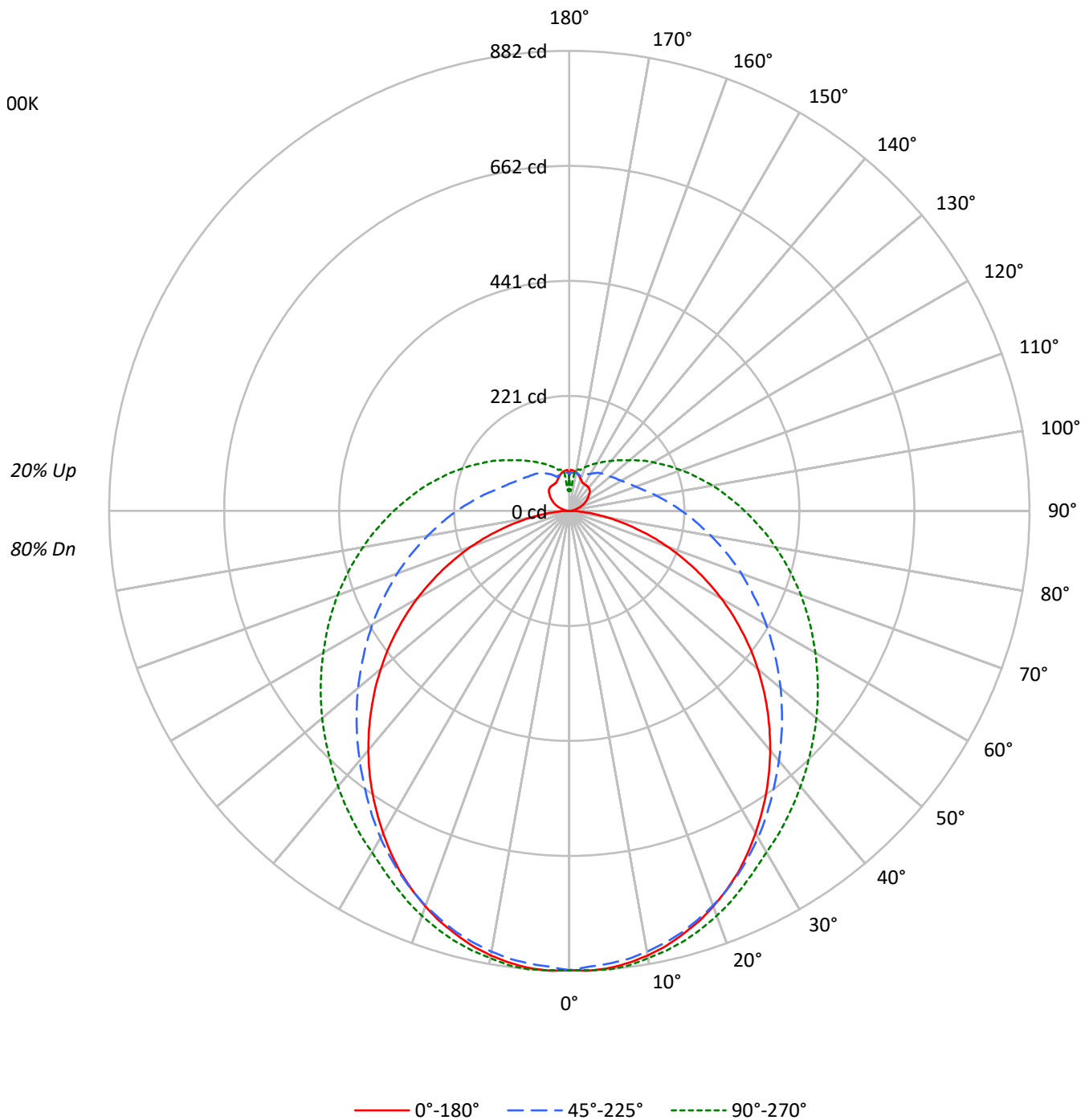
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3704.0 lumens
Efficiency: N/A
Efficacy: 110.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 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: P894331
CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC93-MID-4000K

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	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	36	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°	6265	6265	6265
5°	6255	6001	6013
10°	6196	5767	5736
15°	6105	5530	5479
20°	5995	5281	5216
25°	5863	5030	4951
30°	5693	4777	4717
35°	5518	4516	4544
40°	5330	4281	4388
45°	5128	4072	4249
50°	4915	3886	4141
55°	4671	3715	4047
60°	4394	3573	3976
65°	4058	3449	3937
70°	3643	3372	3924
75°	3084	3316	3941
80°	2407	3315	4004
85°	1542	3401	4134

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5128 cd/sqm



TEST NUMBER: P894331

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.3	2.2
10°-20°	237.6	6.4
20°-30°	356.7	9.6
30°-40°	428.9	11.6
40°-50°	454.4	12.3
50°-60°	437.6	11.8
60°-70°	387.3	10.5
70°-80°	317.7	8.6
80°-90°	246.5	6.7
90°-100°	191.3	5.2
100°-110°	151.6	4.1
110°-120°	120.8	3.3
120°-130°	95.9	2.6
130°-140°	74.9	2.0
140°-150°	55.1	1.5
150°-160°	36.5	1.0
160°-170°	21.0	0.6
170°-180°	6.7	0.2
0°-30°	677.6	18.3
0°-40°	1106.5	29.9
0°-60°	1998.6	54.0
0°-90°	2950.1	79.6
90°-120°	463.7	12.5
90°-150°	689.7	18.6
90°-180°	754.0	20.4
0°-180°	3704.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	881	881	881	881	881	
5°	880	881	871	878	882	84
15°	840	841	836	849	853	237
25°	765	768	768	787	792	352
35°	659	667	674	710	724	412
45°	536	549	576	631	654	414
55°	405	425	481	552	582	362
65°	268	305	391	473	509	265
75°	134	201	312	400	436	143
85°	30	122	244	333	368	35
90°	1	96	215	302	336	2
95°	4	79	190	272	306	4
105°	15	64	150	223	252	16
115°	30	61	125	182	206	30
125°	44	64	109	150	168	39
135°	55	68	98	126	137	42
145°	59	67	89	108	115	37
155°	60	70	76	92	97	28
165°	70	75	72	72	81	20
175°	78	77	74	61	41	7
180°	68	68	68	68	68	



TEST NUMBER: P894331
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6
2.5°	882.3	881.5	883.1	884.8	889.8	883.1	886.5	877.3	878.1	879.0	874.8
5°	879.8	877.3	879.8	881.5	885.7	880.6	884.0	873.9	874.8	876.4	871.4
7.5°	873.9	871.4	873.1	874.8	879.0	873.9	878.1	868.1	869.7	870.6	866.4
10°	865.5	862.2	863.9	866.4	869.7	865.5	868.9	859.7	860.5	862.2	858.0
12.5°	854.7	851.3	853.0	854.7	858.8	854.7	858.0	848.8	850.5	852.1	848.0
15°	840.4	837.1	838.7	840.4	843.8	841.3	844.6	835.4	837.1	840.4	836.2
17.5°	825.3	820.3	822.0	824.5	827.8	826.2	828.7	821.1	822.0	825.3	821.1
20°	806.9	801.9	803.5	806.1	809.4	808.6	810.2	803.5	805.2	809.4	805.2
22.5°	786.8	781.8	783.4	786.8	789.3	789.3	790.1	785.1	786.8	791.0	787.6
25°	765.0	760.0	761.7	765.0	767.5	767.5	769.2	764.2	766.7	770.9	767.5
27.5°	739.9	737.4	737.4	740.7	742.4	744.1	744.9	740.7	744.1	748.2	745.7
30°	713.9	710.5	712.2	716.4	716.4	719.8	719.8	716.4	720.6	725.6	723.9
32.5°	686.2	683.7	684.6	689.6	689.6	693.8	692.9	691.3	695.5	701.3	699.6
35°	658.6	656.1	656.9	661.9	661.9	667.0	665.3	665.3	669.5	676.2	674.5
37.5°	629.3	627.6	628.4	633.5	633.5	638.5	636.8	637.6	642.7	650.2	649.4
40°	599.1	597.4	599.1	603.3	605.0	609.2	607.5	609.2	615.9	622.6	625.1
42.5°	568.1	567.3	568.9	573.1	574.8	579.0	578.2	580.7	587.4	597.4	600.8
45°	536.3	536.3	537.9	542.1	543.8	548.8	548.0	551.3	559.7	570.6	576.5
47.5°	504.4	505.3	506.1	511.1	511.1	519.5	517.0	522.0	532.9	545.5	552.2
50°	471.7	473.4	474.3	478.4	480.1	487.7	486.0	494.4	506.1	519.5	528.7
52.5°	439.1	440.7	442.4	445.8	447.4	456.7	455.0	465.9	480.1	494.4	504.4
55°	404.7	408.1	408.9	413.1	415.6	424.8	424.8	437.4	452.5	468.4	481.0
57.5°	371.2	374.5	375.4	380.4	383.8	394.7	396.3	410.6	427.3	443.2	458.3
60°	336.8	341.0	341.9	346.9	352.8	364.5	367.0	382.9	401.4	418.1	435.7
62.5°	302.5	306.7	308.3	313.4	322.6	334.3	338.5	356.9	376.2	394.7	413.9
65°	268.1	272.3	274.8	281.5	292.4	305.0	310.9	330.1	351.9	371.2	391.3
67.5°	233.8	238.8	242.2	250.5	264.8	278.2	284.0	305.8	328.5	349.4	370.4
70°	200.3	205.3	209.5	220.4	237.1	250.5	258.1	281.5	305.0	327.6	351.1
72.5°	167.6	172.6	178.5	191.9	210.3	225.4	233.8	258.1	284.0	306.7	331.0
75°	134.1	139.9	146.6	165.1	186.0	201.1	210.3	236.3	263.1	285.7	311.7
77.5°	103.9	109.8	119.8	138.3	161.7	178.5	188.5	216.2	243.8	266.5	293.3
80°	76.2	82.1	95.5	115.6	139.9	155.8	168.4	196.9	225.4	248.9	275.7
82.5°	51.9	57.8	73.7	95.5	121.5	137.4	149.1	179.3	207.8	232.1	258.9
85°	30.2	38.5	55.3	78.8	105.6	121.5	133.2	164.2	191.9	216.2	243.8
87.5°	13.4	23.5	41.9	65.4	92.2	107.3	119.8	148.3	177.6	201.9	229.6
90°	0.8	13.4	32.7	55.3	81.3	95.5	107.3	135.7	163.4	188.5	215.3
92.5°	1.7	9.2	26.8	47.8	72.1	86.3	98.0	124.8	150.8	176.8	202.8
95°	4.2	9.2	23.5	42.7	65.4	78.8	89.7	115.6	139.9	165.1	190.2
97.5°	6.7	10.1	22.6	40.2	60.3	72.9	83.0	107.3	131.6	154.2	179.3
100°	9.2	12.6	22.6	38.5	57.0	68.7	77.9	100.5	123.2	144.1	169.3
102.5°	11.7	15.1	24.3	38.5	55.3	65.4	74.6	95.5	116.5	135.7	159.2
105°	15.1	17.6	26.0	38.5	53.6	63.7	71.2	90.5	110.6	129.0	150.0
107.5°	18.4	20.1	27.7	39.4	53.6	62.0	69.5	87.1	105.6	122.3	142.4
110°	22.6	23.5	30.2	41.1	53.6	61.2	67.9	84.6	101.4	117.3	135.7



TEST NUMBER: P894331

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	26.0	26.0	32.7	42.7	53.6	61.2	67.0	82.1	98.0	112.3	129.9
115°	30.2	30.2	35.2	44.4	54.5	61.2	67.0	81.3	95.5	108.1	124.8
117.5°	33.5	33.5	38.5	46.1	56.1	62.0	67.0	79.6	93.0	104.7	119.8
120°	36.9	36.9	40.2	47.8	57.0	62.8	67.0	78.8	90.5	102.2	115.6
122.5°	40.2	40.2	42.7	50.3	57.8	62.8	67.0	77.9	88.8	98.9	111.4
125°	43.6	43.6	45.2	51.9	59.5	63.7	67.9	77.9	88.0	96.4	108.9
127.5°	46.9	46.1	48.6	54.5	60.3	64.5	68.7	77.9	86.3	94.7	105.6
130°	49.4	48.6	51.9	56.1	62.0	65.4	68.7	77.1	85.5	93.0	102.2
132.5°	52.8	51.1	55.3	57.0	63.7	67.0	69.5	77.1	84.6	91.3	100.5
135°	55.3	53.6	57.8	59.5	64.5	67.9	70.4	77.1	83.8	90.5	98.0
137.5°	57.0	56.1	60.3	62.0	65.4	68.7	71.2	77.1	83.0	88.8	96.4
140°	57.8	57.0	60.3	63.7	65.4	68.7	70.4	76.2	82.1	87.1	93.8
142.5°	58.7	58.7	61.2	64.5	65.4	67.9	70.4	75.4	80.4	84.6	92.2
145°	58.7	58.7	61.2	65.4	66.2	67.0	68.7	73.7	77.9	82.1	88.8
147.5°	58.7	58.7	62.0	65.4	67.0	67.9	67.0	72.1	76.2	79.6	85.5
150°	58.7	58.7	62.0	65.4	67.9	68.7	67.9	70.4	73.7	77.1	82.1
152.5°	59.5	59.5	62.0	65.4	67.9	68.7	68.7	68.7	71.2	74.6	79.6
155°	59.5	60.3	62.0	67.0	68.7	69.5	69.5	69.5	68.7	72.1	76.2
157.5°	62.0	62.8	63.7	67.9	69.5	70.4	70.4	70.4	69.5	68.7	72.9
160°	64.5	65.4	66.2	69.5	71.2	72.1	72.1	72.1	70.4	69.5	69.5
162.5°	67.0	68.7	68.7	70.4	72.1	72.9	72.9	73.7	72.1	71.2	70.4
165°	70.4	71.2	71.2	72.1	73.7	74.6	73.7	74.6	73.7	72.9	72.1
167.5°	72.9	73.7	73.7	74.6	74.6	75.4	75.4	75.4	74.6	73.7	73.7
170°	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	75.4	73.7	73.7
172.5°	77.1	77.9	77.9	77.1	77.1	77.1	77.1	76.2	74.6	73.7	73.7
175°	77.9	78.8	78.8	77.9	77.1	77.1	77.1	76.2	74.6	73.7	73.7
177.5°	78.8	79.6	78.8	78.8	77.1	77.1	77.1	77.1	75.4	74.6	73.7
180°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6	880.6
2.5°	879.8	869.7	876.4	877.3	880.6	877.3	879.8	877.3	884.0	881.5
5°	876.4	867.2	873.1	873.9	878.1	873.9	878.1	876.4	884.8	882.3
7.5°	870.6	863.0	868.1	868.9	873.9	869.7	873.9	872.3	882.3	879.0
10°	862.2	856.3	861.4	862.2	867.2	863.0	866.4	864.7	875.6	870.6
12.5°	853.0	848.0	852.1	853.0	858.8	854.7	858.8	857.2	868.1	863.0
15°	839.6	837.1	841.3	842.9	848.8	845.4	849.6	848.0	859.7	853.0
17.5°	826.2	824.5	828.7	830.4	837.1	832.9	837.1	835.4	847.1	840.4
20°	809.4	808.6	812.8	815.3	821.1	817.0	822.0	820.3	832.9	826.2
22.5°	791.8	791.8	795.2	797.7	803.5	800.2	805.2	804.4	817.0	810.2
25°	772.5	773.4	776.7	780.1	786.8	784.3	788.5	788.5	800.2	791.8
27.5°	750.8	754.9	757.5	761.7	767.5	765.0	769.2	770.0	781.8	773.4
30°	728.1	734.0	736.5	741.5	746.6	746.6	750.8	752.4	764.2	755.8
32.5°	704.7	711.4	714.7	721.4	728.1	728.1	734.0	736.5	748.2	740.7
35°	681.2	690.4	694.6	703.0	709.7	710.5	716.4	719.8	731.5	723.9
37.5°	658.6	670.3	674.5	684.6	690.4	692.1	698.8	703.0	713.9	707.2
40°	635.1	649.4	654.4	665.3	670.3	673.7	680.4	685.4	695.5	689.6
42.5°	612.5	628.4	633.5	645.2	651.0	654.4	661.1	667.8	677.9	672.0
45°	589.9	607.5	613.3	625.9	630.9	636.0	643.5	649.4	658.6	653.6
47.5°	568.1	586.5	592.4	605.8	611.7	617.5	624.2	632.6	641.0	636.0
50°	545.5	564.7	572.3	586.5	591.6	598.3	606.6	614.2	622.6	618.4
52.5°	523.7	543.8	551.3	566.4	572.3	579.0	587.4	595.7	603.3	599.9
55°	500.2	522.0	530.4	546.3	552.2	558.9	568.1	577.3	584.0	581.5
57.5°	478.4	501.1	509.4	527.0	532.1	540.4	549.7	559.7	565.6	563.1
60°	456.7	479.3	489.3	506.9	512.8	521.2	530.4	541.3	546.3	544.6
62.5°	434.9	458.3	469.2	487.7	492.7	501.9	512.8	522.0	527.0	526.2
65°	414.8	437.4	450.0	468.4	473.4	483.5	493.5	503.6	508.6	508.6
67.5°	393.8	418.1	430.7	450.0	454.1	465.0	475.9	486.0	490.2	490.2
70°	374.5	398.0	412.2	431.5	435.7	445.8	457.5	468.4	471.7	472.6
72.5°	355.3	378.7	393.8	413.9	418.1	428.2	439.1	450.8	453.3	454.1
75°	336.8	360.3	375.4	395.5	399.7	409.7	421.5	432.4	435.7	436.5
77.5°	318.4	341.9	358.6	377.9	382.1	392.1	403.9	414.8	417.3	418.9
80°	301.6	324.3	340.2	361.1	365.3	375.4	386.3	397.2	398.8	401.4
82.5°	284.9	307.5	324.3	344.4	348.6	358.6	369.5	380.4	382.1	385.4
85°	269.0	291.6	308.3	327.6	332.6	341.9	353.6	363.6	365.3	367.8
87.5°	254.7	275.7	293.3	311.7	316.7	325.9	337.7	347.7	348.6	351.9
90°	239.6	260.6	278.2	296.6	301.6	310.0	321.8	331.8	333.5	336.0
92.5°	227.1	246.3	264.8	282.4	286.6	295.8	306.7	316.7	318.4	320.9
95°	213.7	232.9	251.4	268.1	272.3	281.5	291.6	301.6	303.3	305.8
97.5°	201.9	220.4	238.0	254.7	258.9	267.3	278.2	287.4	289.1	292.4
100°	191.0	208.6	227.1	242.2	246.3	254.7	264.8	274.0	275.7	279.0
102.5°	181.0	197.7	215.3	229.6	234.6	242.2	252.2	260.6	262.3	264.8
105°	171.8	187.7	204.4	217.9	222.9	230.4	239.6	248.0	249.7	252.2
107.5°	162.6	177.6	193.6	207.0	211.2	217.9	227.1	235.4	237.1	240.5
110°	154.2	169.3	184.3	196.9	201.9	207.0	216.2	223.7	225.4	227.9



TEST NUMBER: P894331
 CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC93-MID-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	146.6	160.0	175.1	186.9	191.0	196.9	204.4	212.0	213.7	217.0
115°	139.9	152.5	167.6	178.5	181.8	186.9	195.2	201.9	203.6	206.1
117.5°	134.1	145.0	158.4	169.3	173.4	177.6	185.2	191.0	193.6	195.2
120°	129.0	139.1	150.8	160.9	165.9	169.3	176.0	181.8	184.3	186.0
122.5°	124.0	133.2	144.1	153.3	157.5	160.0	167.6	172.6	175.1	177.6
125°	119.8	128.2	138.3	145.8	150.0	152.5	159.2	164.2	166.7	168.4
127.5°	115.6	123.2	133.2	139.1	143.3	145.0	150.8	155.8	158.4	159.2
130°	111.4	119.0	127.4	133.2	136.6	139.1	144.1	147.5	150.0	150.8
132.5°	108.1	114.8	122.3	128.2	131.6	132.4	137.4	140.8	143.3	144.1
135°	105.6	110.6	118.1	123.2	125.7	127.4	131.6	134.1	136.6	137.4
137.5°	102.2	107.3	114.0	117.3	120.7	121.5	125.7	128.2	130.7	131.6
140°	99.7	103.9	109.8	113.1	116.5	116.5	119.8	122.3	124.8	124.8
142.5°	97.2	101.4	106.4	109.8	112.3	112.3	115.6	117.3	119.8	119.8
145°	93.8	98.0	103.1	105.6	108.1	108.1	110.6	112.3	114.8	114.8
147.5°	90.5	94.7	99.7	101.4	103.9	103.9	106.4	108.1	109.8	109.8
150°	86.3	89.7	95.5	98.0	100.5	100.5	102.2	103.9	105.6	105.6
152.5°	83.0	85.5	90.5	93.8	96.4	96.4	98.0	99.7	101.4	101.4
155°	78.8	81.3	85.5	89.7	92.2	93.0	94.7	95.5	97.2	97.2
157.5°	75.4	77.9	81.3	84.6	87.1	88.8	91.3	92.2	93.0	93.0
160°	71.2	72.9	76.2	79.6	82.1	83.8	88.0	88.8	89.7	89.7
162.5°	69.5	69.5	71.2	73.7	76.2	77.1	81.3	84.6	86.3	85.5
165°	70.4	69.5	69.5	70.4	72.1	72.9	75.4	80.4	82.1	81.3
167.5°	72.1	70.4	69.5	69.5	71.2	71.2	73.7	77.9	83.0	81.3
170°	72.1	69.5	67.9	67.9	68.7	68.7	70.4	72.9	77.9	78.8
172.5°	71.2	69.5	67.0	63.7	64.5	63.7	62.8	64.5	65.4	73.7
175°	72.1	69.5	67.0	62.8	61.2	58.7	54.5	51.1	50.3	41.1
177.5°	71.2	68.7	65.4	62.0	60.3	57.0	51.9	46.1	42.7	37.7
180°	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9



TEST NUMBER: P894331
 CATALOG NUMBER: 4MB-SC3-RNDU-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	13.31	14.62	13.95	15.28	16.05	16.85	18.16	17.49	18.83	19.60
	3H	14.66	15.85	15.31	16.53	17.33	19.77	20.97	20.42	21.64	22.44
	4H	15.06	16.20	15.73	16.89	17.70	21.24	22.38	21.92	23.07	23.88
	6H	15.28	16.34	15.96	17.03	17.86	22.80	23.86	23.49	24.56	25.39
	8H	15.31	16.33	16.01	17.05	17.88	23.61	24.63	24.31	25.35	26.18
	12H	15.31	16.29	16.02	17.00	17.86	24.49	25.47	25.19	26.18	27.04
4H	2H	14.45	15.59	15.12	16.27	17.09	17.17	18.31	17.85	19.00	19.81
	3H	16.09	17.07	16.78	17.79	18.62	20.32	21.30	21.01	22.02	22.85
	4H	16.66	17.56	17.36	18.29	19.15	21.97	22.87	22.68	23.60	24.46
	6H	17.00	17.80	17.72	18.55	19.42	23.74	24.54	24.46	25.29	26.16
	8H	17.08	17.83	17.80	18.57	19.46	24.68	25.43	25.40	26.18	27.06
	12H	17.10	17.79	17.85	18.56	19.45	25.70	26.38	26.45	27.15	28.04
8H	4H	17.75	18.50	18.47	19.24	20.13	22.15	22.90	22.87	23.64	24.53
	6H	18.36	19.00	19.11	19.78	20.67	24.10	24.74	24.85	25.52	26.41
	8H	18.55	19.13	19.32	19.92	20.82	25.18	25.76	25.94	26.55	27.44
	12H	18.66	19.18	19.43	19.96	20.92	26.40	26.92	27.17	27.69	28.65
12H	4H	18.10	18.78	18.85	19.55	20.44	22.14	22.83	22.89	23.60	24.48
	6H	18.88	19.46	19.64	20.24	21.14	24.13	24.71	24.89	25.49	26.39
	8H	19.21	19.72	19.98	20.50	21.46	25.27	25.79	26.04	26.57	27.53