

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: P894328

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894328
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-LOW-4000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 4000K CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

Summary

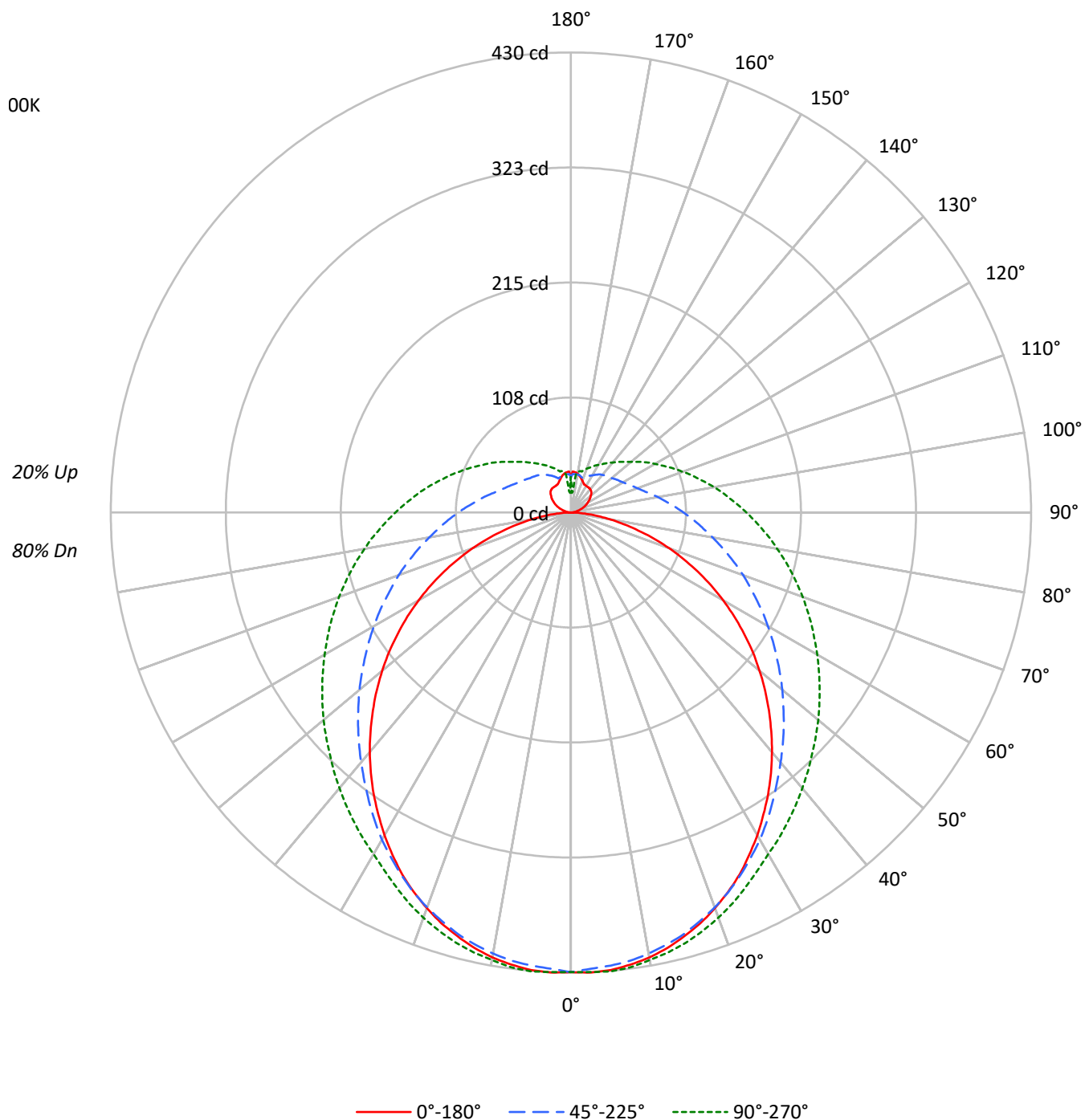
Lumens per Lamp: N/A
Luminaire Lumens: 1807.0 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 16.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P894328

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

Luminous Intensity Polar Plot



TEST NUMBER: P894328

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

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3057	3057	3057
5°	3051	2927	2933
10°	3023	2814	2798
15°	2978	2698	2673
20°	2924	2576	2544
25°	2860	2454	2415
30°	2778	2331	2301
35°	2692	2204	2217
40°	2601	2088	2140
45°	2501	1986	2072
50°	2397	1896	2020
55°	2278	1812	1974
60°	2144	1743	1940
65°	1980	1682	1920
70°	1777	1645	1914
75°	1504	1618	1923
80°	1175	1617	1953
85°	751	1660	2016

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2501 cd/sqm

TEST NUMBER: P894328

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.6	2.2
10°-20°	115.9	6.4
20°-30°	174.0	9.6
30°-40°	209.3	11.6
40°-50°	221.7	12.3
50°-60°	213.5	11.8
60°-70°	189.0	10.5
70°-80°	155.0	8.6
80°-90°	120.3	6.7
90°-100°	93.3	5.2
100°-110°	74.0	4.1
110°-120°	58.9	3.3
120°-130°	46.8	2.6
130°-140°	36.5	2.0
140°-150°	26.9	1.5
150°-160°	17.8	1.0
160°-170°	10.2	0.6
170°-180°	3.3	0.2
0°-30°	330.6	18.3
0°-40°	539.8	29.9
0°-60°	975.0	54.0
0°-90°	1439.2	79.6
90°-120°	226.2	12.5
90°-150°	336.5	18.6
90°-180°	368.0	20.4
0°-180°	1807.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	430	430	430	430	430	
5°	429	430	425	428	430	41
15°	410	410	408	414	416	116
25°	373	374	374	384	386	172
35°	321	325	329	346	353	201
45°	262	268	281	308	319	202
55°	197	207	235	269	284	177
65°	131	149	191	231	248	129
75°	65	98	152	195	213	70
85°	15	59	119	162	179	17
90°	0	47	105	147	164	1
95°	2	38	93	133	149	2
105°	7	31	73	109	123	8
115°	15	30	61	89	101	14
125°	21	31	53	73	82	19
135°	27	33	48	61	67	21
145°	29	33	43	53	56	18
155°	29	34	37	45	47	14
165°	34	36	35	35	40	10
175°	38	38	36	30	20	4
180°	33	33	33	33	33	

TEST NUMBER: P894328

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6
2.5°	430.4	430.0	430.8	431.7	434.1	430.8	432.5	428.0	428.4	428.8	426.8
5°	429.2	428.0	429.2	430.0	432.1	429.6	431.3	426.3	426.8	427.6	425.1
7.5°	426.3	425.1	425.9	426.8	428.8	426.3	428.4	423.5	424.3	424.7	422.7
10°	422.3	420.6	421.4	422.7	424.3	422.3	423.9	419.4	419.8	420.6	418.6
12.5°	416.9	415.3	416.1	416.9	419.0	416.9	418.6	414.1	414.9	415.7	413.7
15°	410.0	408.4	409.2	410.0	411.6	410.4	412.0	407.5	408.4	410.0	408.0
17.5°	402.6	400.2	401.0	402.2	403.9	403.0	404.3	400.6	401.0	402.6	400.6
20°	393.6	391.2	392.0	393.2	394.9	394.5	395.3	392.0	392.8	394.9	392.8
22.5°	383.8	381.4	382.2	383.8	385.1	385.1	385.5	383.0	383.8	385.9	384.2
25°	373.2	370.8	371.6	373.2	374.4	374.4	375.3	372.8	374.0	376.1	374.4
27.5°	360.9	359.7	359.7	361.4	362.2	363.0	363.4	361.4	363.0	365.0	363.8
30°	348.3	346.6	347.5	349.5	349.5	351.1	351.1	349.5	351.5	354.0	353.2
32.5°	334.8	333.6	334.0	336.4	336.4	338.5	338.1	337.2	339.3	342.1	341.3
35°	321.3	320.1	320.5	322.9	322.9	325.4	324.6	324.6	326.6	329.9	329.1
37.5°	307.0	306.2	306.6	309.0	309.0	311.5	310.7	311.1	313.5	317.2	316.8
40°	292.3	291.5	292.3	294.3	295.1	297.2	296.4	297.2	300.4	303.7	304.9
42.5°	277.1	276.7	277.6	279.6	280.4	282.5	282.1	283.3	286.5	291.5	293.1
45°	261.6	261.6	262.4	264.5	265.3	267.7	267.3	269.0	273.1	278.4	281.2
47.5°	246.1	246.5	246.9	249.3	249.3	253.4	252.2	254.7	260.0	266.1	269.4
50°	230.1	231.0	231.4	233.4	234.2	237.9	237.1	241.2	246.9	253.4	257.9
52.5°	214.2	215.0	215.8	217.5	218.3	222.8	222.0	227.3	234.2	241.2	246.1
55°	197.4	199.1	199.5	201.5	202.7	207.2	207.2	213.4	220.7	228.5	234.6
57.5°	181.1	182.7	183.1	185.6	187.2	192.5	193.3	200.3	208.5	216.2	223.6
60°	164.3	166.4	166.8	169.2	172.1	177.8	179.0	186.8	195.8	204.0	212.6
62.5°	147.6	149.6	150.4	152.9	157.4	163.1	165.1	174.1	183.5	192.5	201.9
65°	130.8	132.9	134.1	137.3	142.7	148.8	151.7	161.1	171.7	181.1	190.9
67.5°	114.0	116.5	118.1	122.2	129.2	135.7	138.6	149.2	160.2	170.5	180.7
70°	97.7	100.1	102.2	107.5	115.7	122.2	125.9	137.3	148.8	159.8	171.3
72.5°	81.8	84.2	87.1	93.6	102.6	110.0	114.0	125.9	138.6	149.6	161.5
75°	65.4	68.3	71.5	80.5	90.7	98.1	102.6	115.3	128.4	139.4	152.1
77.5°	50.7	53.5	58.5	67.4	78.9	87.1	92.0	105.5	119.0	130.0	143.1
80°	37.2	40.1	46.6	56.4	68.3	76.0	82.2	96.1	110.0	121.4	134.5
82.5°	25.3	28.2	36.0	46.6	59.3	67.0	72.8	87.5	101.4	113.2	126.3
85°	14.7	18.8	27.0	38.4	51.5	59.3	65.0	80.1	93.6	105.5	119.0
87.5°	6.5	11.4	20.4	31.9	45.0	52.3	58.5	72.4	86.7	98.5	112.0
90°	0.4	6.5	15.9	27.0	39.7	46.6	52.3	66.2	79.7	92.0	105.1
92.5°	0.8	4.5	13.1	23.3	35.2	42.1	47.8	60.9	73.6	86.3	98.9
95°	2.0	4.5	11.4	20.8	31.9	38.4	43.7	56.4	68.3	80.5	92.8
97.5°	3.3	4.9	11.0	19.6	29.4	35.6	40.5	52.3	64.2	75.2	87.5
100°	4.5	6.1	11.0	18.8	27.8	33.5	38.0	49.1	60.1	70.3	82.6
102.5°	5.7	7.4	11.9	18.8	27.0	31.9	36.4	46.6	56.8	66.2	77.7
105°	7.4	8.6	12.7	18.8	26.2	31.1	34.7	44.1	54.0	63.0	73.2
107.5°	9.0	9.8	13.5	19.2	26.2	30.2	33.9	42.5	51.5	59.7	69.5
110°	11.0	11.4	14.7	20.0	26.2	29.8	33.1	41.3	49.5	57.2	66.2

TEST NUMBER: P894328

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	12.7	12.7	15.9	20.8	26.2	29.8	32.7	40.1	47.8	54.8	63.4
115°	14.7	14.7	17.2	21.7	26.6	29.8	32.7	39.7	46.6	52.7	60.9
117.5°	16.4	16.4	18.8	22.5	27.4	30.2	32.7	38.8	45.4	51.1	58.5
120°	18.0	18.0	19.6	23.3	27.8	30.7	32.7	38.4	44.1	49.9	56.4
122.5°	19.6	19.6	20.8	24.5	28.2	30.7	32.7	38.0	43.3	48.2	54.4
125°	21.3	21.3	22.1	25.3	29.0	31.1	33.1	38.0	42.9	47.0	53.1
127.5°	22.9	22.5	23.7	26.6	29.4	31.5	33.5	38.0	42.1	46.2	51.5
130°	24.1	23.7	25.3	27.4	30.2	31.9	33.5	37.6	41.7	45.4	49.9
132.5°	25.8	24.9	27.0	27.8	31.1	32.7	33.9	37.6	41.3	44.6	49.1
135°	27.0	26.2	28.2	29.0	31.5	33.1	34.3	37.6	40.9	44.1	47.8
137.5°	27.8	27.4	29.4	30.2	31.9	33.5	34.7	37.6	40.5	43.3	47.0
140°	28.2	27.8	29.4	31.1	31.9	33.5	34.3	37.2	40.1	42.5	45.8
142.5°	28.6	28.6	29.8	31.5	31.9	33.1	34.3	36.8	39.2	41.3	45.0
145°	28.6	28.6	29.8	31.9	32.3	32.7	33.5	36.0	38.0	40.1	43.3
147.5°	28.6	28.6	30.2	31.9	32.7	33.1	32.7	35.2	37.2	38.8	41.7
150°	28.6	28.6	30.2	31.9	33.1	33.5	33.1	34.3	36.0	37.6	40.1
152.5°	29.0	29.0	30.2	31.9	33.1	33.5	33.5	33.5	34.7	36.4	38.8
155°	29.0	29.4	30.2	32.7	33.5	33.9	33.9	33.9	33.5	35.2	37.2
157.5°	30.2	30.7	31.1	33.1	33.9	34.3	34.3	34.3	33.9	33.5	35.6
160°	31.5	31.9	32.3	33.9	34.7	35.2	35.2	35.2	34.3	33.9	33.9
162.5°	32.7	33.5	33.5	34.3	35.2	35.6	35.6	36.0	35.2	34.7	34.3
165°	34.3	34.7	34.7	35.2	36.0	36.4	36.0	36.4	36.0	35.6	35.2
167.5°	35.6	36.0	36.0	36.4	36.4	36.8	36.8	36.8	36.4	36.0	36.0
170°	36.8	37.2	37.2	37.2	37.2	37.2	37.2	37.2	36.8	36.0	36.0
172.5°	37.6	38.0	38.0	37.6	37.6	37.6	37.6	37.2	36.4	36.0	36.0
175°	38.0	38.4	38.4	38.0	37.6	37.6	37.6	37.2	36.4	36.0	36.0
177.5°	38.4	38.8	38.4	38.4	37.6	37.6	37.6	37.6	36.8	36.4	36.0
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1

TEST NUMBER: P894328

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6	429.6
2.5°	429.2	424.3	427.6	428.0	429.6	428.0	429.2	428.0	431.3	430.0
5°	427.6	423.1	425.9	426.3	428.4	426.3	428.4	427.6	431.7	430.4
7.5°	424.7	421.0	423.5	423.9	426.3	424.3	426.3	425.5	430.4	428.8
10°	420.6	417.8	420.2	420.6	423.1	421.0	422.7	421.9	427.2	424.7
12.5°	416.1	413.7	415.7	416.1	419.0	416.9	419.0	418.2	423.5	421.0
15°	409.6	408.4	410.4	411.2	414.1	412.4	414.5	413.7	419.4	416.1
17.5°	403.0	402.2	404.3	405.1	408.4	406.3	408.4	407.5	413.3	410.0
20°	394.9	394.5	396.5	397.7	400.6	398.6	401.0	400.2	406.3	403.0
22.5°	386.3	386.3	387.9	389.1	392.0	390.4	392.8	392.4	398.6	395.3
25°	376.9	377.3	378.9	380.6	383.8	382.6	384.7	384.7	390.4	386.3
27.5°	366.3	368.3	369.5	371.6	374.4	373.2	375.3	375.7	381.4	377.3
30°	355.2	358.1	359.3	361.8	364.2	364.2	366.3	367.1	372.8	368.7
32.5°	343.8	347.0	348.7	352.0	355.2	355.2	358.1	359.3	365.0	361.4
35°	332.3	336.8	338.9	343.0	346.2	346.6	349.5	351.1	356.9	353.2
37.5°	321.3	327.0	329.1	334.0	336.8	337.6	340.9	343.0	348.3	345.0
40°	309.8	316.8	319.2	324.6	327.0	328.7	331.9	334.4	339.3	336.4
42.5°	298.8	306.6	309.0	314.8	317.6	319.2	322.5	325.8	330.7	327.8
45°	287.8	296.4	299.2	305.4	307.8	310.3	313.9	316.8	321.3	318.8
47.5°	277.1	286.1	289.0	295.5	298.4	301.3	304.5	308.6	312.7	310.3
50°	266.1	275.5	279.2	286.1	288.6	291.9	295.9	299.6	303.7	301.7
52.5°	255.5	265.3	269.0	276.3	279.2	282.5	286.5	290.6	294.3	292.7
55°	244.0	254.7	258.8	266.5	269.4	272.6	277.1	281.6	284.9	283.7
57.5°	233.4	244.4	248.5	257.1	259.6	263.7	268.2	273.1	275.9	274.7
60°	222.8	233.8	238.7	247.3	250.2	254.3	258.8	264.1	266.5	265.7
62.5°	212.2	223.6	228.9	237.9	240.4	244.9	250.2	254.7	257.1	256.7
65°	202.3	213.4	219.5	228.5	231.0	235.9	240.8	245.7	248.1	248.1
67.5°	192.1	204.0	210.1	219.5	221.6	226.9	232.2	237.1	239.1	239.1
70°	182.7	194.2	201.1	210.5	212.6	217.5	223.2	228.5	230.1	230.5
72.5°	173.3	184.8	192.1	201.9	204.0	208.9	214.2	219.9	221.1	221.6
75°	164.3	175.8	183.1	192.9	195.0	199.9	205.6	210.9	212.6	213.0
77.5°	155.3	166.8	175.0	184.4	186.4	191.3	197.0	202.3	203.6	204.4
80°	147.2	158.2	166.0	176.2	178.2	183.1	188.4	193.8	194.6	195.8
82.5°	139.0	150.0	158.2	168.0	170.0	175.0	180.3	185.6	186.4	188.0
85°	131.2	142.3	150.4	159.8	162.3	166.8	172.5	177.4	178.2	179.4
87.5°	124.3	134.5	143.1	152.1	154.5	159.0	164.7	169.6	170.0	171.7
90°	116.9	127.1	135.7	144.7	147.2	151.2	157.0	161.9	162.7	163.9
92.5°	110.8	120.2	129.2	137.8	139.8	144.3	149.6	154.5	155.3	156.6
95°	104.2	113.6	122.6	130.8	132.9	137.3	142.3	147.2	148.0	149.2
97.5°	98.5	107.5	116.1	124.3	126.3	130.4	135.7	140.2	141.0	142.7
100°	93.2	101.8	110.8	118.1	120.2	124.3	129.2	133.7	134.5	136.1
102.5°	88.3	96.5	105.1	112.0	114.5	118.1	123.0	127.1	127.9	129.2
105°	83.8	91.6	99.7	106.3	108.7	112.4	116.9	121.0	121.8	123.0
107.5°	79.3	86.7	94.4	101.0	103.0	106.3	110.8	114.9	115.7	117.3
110°	75.2	82.6	89.9	96.1	98.5	101.0	105.5	109.1	110.0	111.2

TEST NUMBER: P894328

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	71.5	78.1	85.4	91.2	93.2	96.1	99.7	103.4	104.2	105.9
115°	68.3	74.4	81.8	87.1	88.7	91.2	95.2	98.5	99.3	100.6
117.5°	65.4	70.7	77.3	82.6	84.6	86.7	90.3	93.2	94.4	95.2
120°	63.0	67.9	73.6	78.5	80.9	82.6	85.8	88.7	89.9	90.7
122.5°	60.5	65.0	70.3	74.8	76.8	78.1	81.8	84.2	85.4	86.7
125°	58.5	62.5	67.4	71.1	73.2	74.4	77.7	80.1	81.3	82.2
127.5°	56.4	60.1	65.0	67.9	69.9	70.7	73.6	76.0	77.3	77.7
130°	54.4	58.0	62.1	65.0	66.6	67.9	70.3	71.9	73.2	73.6
132.5°	52.7	56.0	59.7	62.5	64.2	64.6	67.0	68.7	69.9	70.3
135°	51.5	54.0	57.6	60.1	61.3	62.1	64.2	65.4	66.6	67.0
137.5°	49.9	52.3	55.6	57.2	58.9	59.3	61.3	62.5	63.8	64.2
140°	48.6	50.7	53.5	55.2	56.8	56.8	58.5	59.7	60.9	60.9
142.5°	47.4	49.5	51.9	53.5	54.8	54.8	56.4	57.2	58.5	58.5
145°	45.8	47.8	50.3	51.5	52.7	52.7	54.0	54.8	56.0	56.0
147.5°	44.1	46.2	48.6	49.5	50.7	50.7	51.9	52.7	53.5	53.5
150°	42.1	43.7	46.6	47.8	49.1	49.1	49.9	50.7	51.5	51.5
152.5°	40.5	41.7	44.1	45.8	47.0	47.0	47.8	48.6	49.5	49.5
155°	38.4	39.7	41.7	43.7	45.0	45.4	46.2	46.6	47.4	47.4
157.5°	36.8	38.0	39.7	41.3	42.5	43.3	44.6	45.0	45.4	45.4
160°	34.7	35.6	37.2	38.8	40.1	40.9	42.9	43.3	43.7	43.7
162.5°	33.9	33.9	34.7	36.0	37.2	37.6	39.7	41.3	42.1	41.7
165°	34.3	33.9	33.9	34.3	35.2	35.6	36.8	39.2	40.1	39.7
167.5°	35.2	34.3	33.9	33.9	34.7	34.7	36.0	38.0	40.5	39.7
170°	35.2	33.9	33.1	33.1	33.5	33.5	34.3	35.6	38.0	38.4
172.5°	34.7	33.9	32.7	31.1	31.5	31.1	30.7	31.5	31.9	36.0
175°	35.2	33.9	32.7	30.7	29.8	28.6	26.6	24.9	24.5	20.0
177.5°	34.7	33.5	31.9	30.2	29.4	27.8	25.3	22.5	20.8	18.4
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1

TEST NUMBER: P894328

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC93-LOW-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	10.81	12.12	11.45	12.79	13.56	14.36	15.67	15.00	16.34	17.10
	3H	12.16	13.36	12.82	14.03	14.84	17.28	18.47	17.93	19.15	19.95
	4H	12.56	13.70	13.24	14.39	15.20	18.75	19.89	19.42	20.58	21.39
	6H	12.78	13.84	13.47	14.54	15.37	20.31	21.37	21.00	22.07	22.90
	8H	12.82	13.83	13.51	14.55	15.38	21.12	22.14	21.82	22.85	23.69
	12H	12.82	13.79	13.52	14.51	15.37	22.00	22.97	22.70	23.68	24.55
4H	2H	11.95	13.09	12.63	13.78	14.59	14.68	15.82	15.35	16.50	17.32
	3H	13.60	14.57	14.28	15.30	16.13	17.83	18.81	18.52	19.53	20.36
	4H	14.17	15.07	14.87	15.79	16.65	19.48	20.38	20.18	21.10	21.97
	6H	14.51	15.30	15.23	16.05	16.92	21.25	22.05	21.97	22.80	23.66
	8H	14.58	15.33	15.31	16.08	16.96	22.18	22.93	22.91	23.68	24.57
	12H	14.61	15.29	15.36	16.06	16.95	23.21	23.89	23.95	24.66	25.55
8H	4H	15.25	16.00	15.98	16.75	17.63	19.65	20.40	20.38	21.15	22.03
	6H	15.86	16.50	16.62	17.29	18.17	21.60	22.24	22.36	23.03	23.92
	8H	16.06	16.64	16.82	17.42	18.32	22.69	23.26	23.45	24.05	24.95
	12H	16.17	16.69	16.94	17.47	18.42	23.90	24.42	24.67	25.20	26.16
12H	4H	15.61	16.29	16.35	17.06	17.95	19.65	20.33	20.39	21.10	21.99
	6H	16.38	16.96	17.15	17.75	18.65	21.63	22.21	22.40	23.00	23.90
	8H	16.71	17.23	17.48	18.01	18.96	22.78	23.30	23.55	24.08	25.03