

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: P895523

Luminaire Tested: 8TMB-SC3-RNDU-UNV-CC93-LOW-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895523
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: 8TMB-SC3-RNDU-UNV-CC93-LOW-3500K
Description: Selectable 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 35
CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

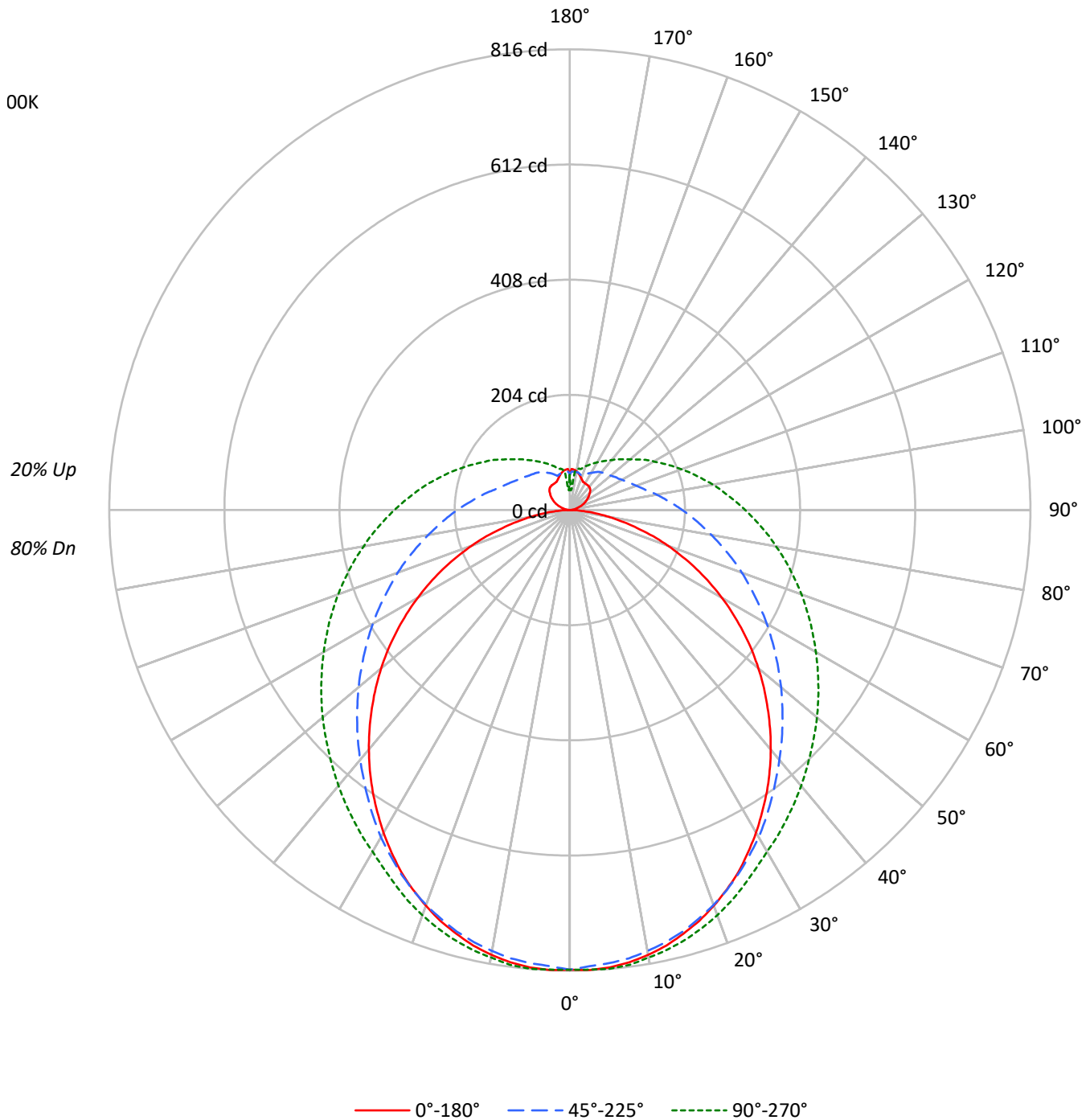
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3424.0 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 7.98' 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: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
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	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°	2889	2889	2889
5°	2890	2771	2772
10°	2869	2667	2644
15°	2834	2561	2526
20°	2790	2449	2404
25°	2735	2336	2283
30°	2663	2221	2175
35°	2590	2103	2095
40°	2510	1996	2023
45°	2424	1902	1959
50°	2335	1818	1909
55°	2231	1741	1865
60°	2114	1678	1833
65°	1971	1623	1815
70°	1792	1591	1809
75°	1548	1570	1817
80°	1255	1577	1846
85°	875	1627	1906

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2424 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.0	2.2
10°-20°	219.6	6.4
20°-30°	329.7	9.6
30°-40°	396.5	11.6
40°-50°	420.1	12.3
50°-60°	404.6	11.8
60°-70°	358.0	10.5
70°-80°	293.7	8.6
80°-90°	227.9	6.7
90°-100°	176.9	5.2
100°-110°	140.1	4.1
110°-120°	111.6	3.3
120°-130°	88.7	2.6
130°-140°	69.2	2.0
140°-150°	51.0	1.5
150°-160°	33.7	1.0
160°-170°	19.4	0.6
170°-180°	6.2	0.2
0°-30°	626.4	18.3
0°-40°	1022.9	29.9
0°-60°	1847.5	54.0
0°-90°	2727.1	79.6
90°-120°	428.7	12.5
90°-150°	637.6	18.6
90°-180°	697.0	20.4
0°-180°	3424.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	814	814	814	814	814	
5°	813	814	806	812	816	77
15°	777	778	773	785	788	219
25°	707	710	710	727	732	325
35°	609	616	624	656	669	381
45°	496	507	533	583	604	383
55°	374	393	445	510	538	335
65°	248	282	362	438	470	245
75°	124	186	288	370	404	132
85°	28	112	225	308	340	32
90°	1	88	199	279	311	2
95°	4	73	176	252	283	4
105°	14	59	139	206	233	15
115°	28	56	115	168	190	27
125°	40	59	101	139	156	36
135°	51	63	91	116	127	39
145°	54	62	82	100	106	34
155°	55	64	70	85	90	26
165°	65	69	67	67	75	18
175°	72	71	68	56	38	7
180°	63	63	63	63	63	



TEST NUMBER: P895523

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1
2.5°	815.6	814.8	816.4	817.9	822.6	816.4	819.5	811.0	811.7	812.5	808.6
5°	813.3	811.0	813.3	814.8	818.7	814.1	817.2	807.9	808.6	810.2	805.5
7.5°	807.9	805.5	807.1	808.6	812.5	807.9	811.7	802.4	804.0	804.8	800.9
10°	800.1	797.0	798.6	800.9	804.0	800.1	803.2	794.7	795.5	797.0	793.1
12.5°	790.1	787.0	788.5	790.1	793.9	790.1	793.1	784.6	786.2	787.7	783.9
15°	776.9	773.8	775.3	776.9	780.0	777.7	780.8	772.2	773.8	776.9	773.0
17.5°	762.9	758.3	759.8	762.2	765.3	763.7	766.0	759.1	759.8	762.9	759.1
20°	745.9	741.3	742.8	745.1	748.2	747.4	749.0	742.8	744.4	748.2	744.4
22.5°	727.3	722.7	724.2	727.3	729.6	729.6	730.4	725.8	727.3	731.2	728.1
25°	707.2	702.5	704.1	707.2	709.5	709.5	711.0	706.4	708.7	712.6	709.5
27.5°	683.9	681.6	681.6	684.7	686.3	687.8	688.6	684.7	687.8	691.7	689.4
30°	659.9	656.8	658.4	662.2	662.2	665.3	665.3	662.2	666.1	670.8	669.2
32.5°	634.4	632.0	632.8	637.5	637.5	641.3	640.6	639.0	642.9	648.3	646.8
35°	608.8	606.5	607.3	611.9	611.9	616.5	615.0	615.0	618.9	625.1	623.5
37.5°	581.7	580.1	580.9	585.6	585.6	590.2	588.7	589.4	594.1	601.1	600.3
40°	553.8	552.3	553.8	557.7	559.2	563.1	561.6	563.1	569.3	575.5	577.8
42.5°	525.2	524.4	525.9	529.8	531.3	535.2	534.4	536.8	543.0	552.3	555.4
45°	495.7	495.7	497.3	501.1	502.7	507.3	506.6	509.7	517.4	527.5	532.9
47.5°	466.3	467.1	467.8	472.5	472.5	480.2	477.9	482.6	492.6	504.2	510.4
50°	436.1	437.6	438.4	442.3	443.8	450.8	449.2	457.0	467.8	480.2	488.7
52.5°	405.9	407.4	409.0	412.1	413.6	422.1	420.6	430.7	443.8	457.0	466.3
55°	374.1	377.2	378.0	381.9	384.2	392.7	392.7	404.3	418.3	433.0	444.6
57.5°	343.1	346.2	347.0	351.6	354.7	364.8	366.4	379.5	395.0	409.7	423.7
60°	311.4	315.2	316.0	320.7	326.1	336.9	339.3	354.0	371.0	386.5	402.8
62.5°	279.6	283.5	285.0	289.7	298.2	309.0	312.9	330.0	347.8	364.8	382.6
65°	247.9	251.7	254.1	260.3	270.3	281.9	287.4	305.2	325.3	343.1	361.7
67.5°	216.1	220.7	223.8	231.6	244.8	257.2	262.6	282.7	303.6	323.0	342.4
70°	185.1	189.8	193.6	203.7	219.2	231.6	238.6	260.3	281.9	302.9	324.5
72.5°	154.9	159.6	165.0	177.4	194.4	208.4	216.1	238.6	262.6	283.5	306.0
75°	123.9	129.4	135.5	152.6	172.0	185.9	194.4	218.4	243.2	264.1	288.1
77.5°	96.0	101.5	110.8	127.8	149.5	165.0	174.3	199.8	225.4	246.3	271.1
80°	70.5	75.9	88.3	106.9	129.4	144.1	155.7	182.0	208.4	230.0	254.8
82.5°	48.0	53.4	68.2	88.3	112.3	127.0	137.9	165.8	192.1	214.6	239.3
85°	27.9	35.6	51.1	72.8	97.6	112.3	123.2	151.8	177.4	199.8	225.4
87.5°	12.4	21.7	38.7	60.4	85.2	99.1	110.8	137.1	164.2	186.7	212.2
90°	0.8	12.4	30.2	51.1	75.1	88.3	99.1	125.5	151.0	174.3	199.1
92.5°	1.5	8.5	24.8	44.1	66.6	79.8	90.6	115.4	139.4	163.4	187.4
95°	3.9	8.5	21.7	39.5	60.4	72.8	82.9	106.9	129.4	152.6	175.8
97.5°	6.2	9.3	20.9	37.2	55.8	67.4	76.7	99.1	121.6	142.5	165.8
100°	8.5	11.6	20.9	35.6	52.7	63.5	72.0	92.9	113.9	133.2	156.5
102.5°	10.8	13.9	22.5	35.6	51.1	60.4	68.9	88.3	107.7	125.5	147.2
105°	13.9	16.3	24.0	35.6	49.6	58.9	65.8	83.7	102.2	119.3	138.6
107.5°	17.0	18.6	25.6	36.4	49.6	57.3	64.3	80.6	97.6	113.1	131.7
110°	20.9	21.7	27.9	38.0	49.6	56.5	62.7	78.2	93.7	108.4	125.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	24.0	24.0	30.2	39.5	49.6	56.5	62.0	75.9	90.6	103.8	120.1
115°	27.9	27.9	32.5	41.1	50.3	56.5	62.0	75.1	88.3	99.9	115.4
117.5°	31.0	31.0	35.6	42.6	51.9	57.3	62.0	73.6	86.0	96.8	110.8
120°	34.1	34.1	37.2	44.1	52.7	58.1	62.0	72.8	83.7	94.5	106.9
122.5°	37.2	37.2	39.5	46.5	53.4	58.1	62.0	72.0	82.1	91.4	103.0
125°	40.3	40.3	41.8	48.0	55.0	58.9	62.7	72.0	81.3	89.1	100.7
127.5°	43.4	42.6	44.9	50.3	55.8	59.6	63.5	72.0	79.8	87.5	97.6
130°	45.7	44.9	48.0	51.9	57.3	60.4	63.5	71.3	79.0	86.0	94.5
132.5°	48.8	47.2	51.1	52.7	58.9	62.0	64.3	71.3	78.2	84.4	92.9
135°	51.1	49.6	53.4	55.0	59.6	62.7	65.1	71.3	77.5	83.7	90.6
137.5°	52.7	51.9	55.8	57.3	60.4	63.5	65.8	71.3	76.7	82.1	89.1
140°	53.4	52.7	55.8	58.9	60.4	63.5	65.1	70.5	75.9	80.6	86.8
142.5°	54.2	54.2	56.5	59.6	60.4	62.7	65.1	69.7	74.4	78.2	85.2
145°	54.2	54.2	56.5	60.4	61.2	62.0	63.5	68.2	72.0	75.9	82.1
147.5°	54.2	54.2	57.3	60.4	62.0	62.7	62.0	66.6	70.5	73.6	79.0
150°	54.2	54.2	57.3	60.4	62.7	63.5	62.7	65.1	68.2	71.3	75.9
152.5°	55.0	55.0	57.3	60.4	62.7	63.5	63.5	63.5	65.8	68.9	73.6
155°	55.0	55.8	57.3	62.0	63.5	64.3	64.3	64.3	63.5	66.6	70.5
157.5°	57.3	58.1	58.9	62.7	64.3	65.1	65.1	65.1	64.3	63.5	67.4
160°	59.6	60.4	61.2	64.3	65.8	66.6	66.6	66.6	65.1	64.3	64.3
162.5°	62.0	63.5	63.5	65.1	66.6	67.4	67.4	68.2	66.6	65.8	65.1
165°	65.1	65.8	65.8	66.6	68.2	68.9	68.2	68.9	68.2	67.4	66.6
167.5°	67.4	68.2	68.2	68.9	68.9	69.7	69.7	69.7	68.9	68.2	68.2
170°	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	69.7	68.2	68.2
172.5°	71.3	72.0	72.0	71.3	71.3	71.3	71.3	70.5	68.9	68.2	68.2
175°	72.0	72.8	72.8	72.0	71.3	71.3	71.3	70.5	68.9	68.2	68.2
177.5°	72.8	73.6	72.8	72.8	71.3	71.3	71.3	71.3	69.7	68.9	68.2
180°	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1
2.5°	813.3	804.0	810.2	811.0	814.1	811.0	813.3	811.0	817.2	814.8
5°	810.2	801.7	807.1	807.9	811.7	807.9	811.7	810.2	817.9	815.6
7.5°	804.8	797.8	802.4	803.2	807.9	804.0	807.9	806.3	815.6	812.5
10°	797.0	791.6	796.2	797.0	801.7	797.8	800.9	799.3	809.4	804.8
12.5°	788.5	783.9	787.7	788.5	793.9	790.1	793.9	792.4	802.4	797.8
15°	776.1	773.8	777.7	779.2	784.6	781.5	785.4	783.9	794.7	788.5
17.5°	763.7	762.2	766.0	767.6	773.8	769.9	773.8	772.2	783.1	776.9
20°	748.2	747.4	751.3	753.6	759.1	755.2	759.8	758.3	769.9	763.7
22.5°	732.0	732.0	735.1	737.4	742.8	739.7	744.4	743.6	755.2	749.0
25°	714.1	714.9	718.0	721.1	727.3	725.0	728.9	728.9	739.7	732.0
27.5°	694.0	697.9	700.2	704.1	709.5	707.2	711.0	711.8	722.7	714.9
30°	673.1	678.5	680.8	685.5	690.1	690.1	694.0	695.6	706.4	698.7
32.5°	651.4	657.6	660.7	666.9	673.1	673.1	678.5	680.8	691.7	684.7
35°	629.7	638.2	642.1	649.9	656.1	656.8	662.2	665.3	676.2	669.2
37.5°	608.8	619.6	623.5	632.8	638.2	639.8	646.0	649.9	659.9	653.7
40°	587.1	600.3	604.9	615.0	619.6	622.7	628.9	633.6	642.9	637.5
42.5°	566.2	580.9	585.6	596.4	601.8	604.9	611.1	617.3	626.6	621.2
45°	545.3	561.6	567.0	578.6	583.2	587.9	594.9	600.3	608.8	604.2
47.5°	525.2	542.2	547.6	560.0	565.4	570.8	577.0	584.8	592.5	587.9
50°	504.2	522.1	529.0	542.2	546.8	553.0	560.8	567.8	575.5	571.6
52.5°	484.1	502.7	509.7	523.6	529.0	535.2	543.0	550.7	557.7	554.6
55°	462.4	482.6	490.3	505.0	510.4	516.6	525.2	533.7	539.9	537.5
57.5°	442.3	463.2	470.9	487.2	491.8	499.6	508.1	517.4	522.8	520.5
60°	422.1	443.0	452.3	468.6	474.0	481.8	490.3	500.4	505.0	503.5
62.5°	402.0	423.7	433.8	450.8	455.4	464.0	474.0	482.6	487.2	486.4
65°	383.4	404.3	415.9	433.0	437.6	446.9	456.2	465.5	470.2	470.2
67.5°	364.0	386.5	398.1	415.9	419.8	429.9	439.9	449.2	453.1	453.1
70°	346.2	367.9	381.1	398.9	402.8	412.1	422.9	433.0	436.1	436.9
72.5°	328.4	350.1	364.0	382.6	386.5	395.8	405.9	416.7	419.0	419.8
75°	311.4	333.1	347.0	365.6	369.5	378.8	389.6	399.7	402.8	403.5
77.5°	294.3	316.0	331.5	349.3	353.2	362.5	373.3	383.4	385.7	387.3
80°	278.8	299.8	314.5	333.8	337.7	347.0	357.1	367.1	368.7	371.0
82.5°	263.4	284.3	299.8	318.3	322.2	331.5	341.6	351.6	353.2	356.3
85°	248.6	269.5	285.0	302.9	307.5	316.0	326.9	336.2	337.7	340.0
87.5°	235.5	254.8	271.1	288.1	292.8	301.3	312.1	321.4	322.2	325.3
90°	221.5	240.9	257.2	274.2	278.8	286.6	297.4	306.7	308.3	310.6
92.5°	209.9	227.7	244.8	261.0	264.9	273.4	283.5	292.8	294.3	296.7
95°	197.5	215.3	232.4	247.9	251.7	260.3	269.5	278.8	280.4	282.7
97.5°	186.7	203.7	220.0	235.5	239.3	247.1	257.2	265.7	267.2	270.3
100°	176.6	192.9	209.9	223.8	227.7	235.5	244.8	253.3	254.8	257.9
102.5°	167.3	182.8	199.1	212.2	216.9	223.8	233.1	240.9	242.4	244.8
105°	158.8	173.5	189.0	201.4	206.0	213.0	221.5	229.3	230.8	233.1
107.5°	150.3	164.2	178.9	191.3	195.2	201.4	209.9	217.7	219.2	222.3
110°	142.5	156.5	170.4	182.0	186.7	191.3	199.8	206.8	208.4	210.7



TEST NUMBER: P895523

CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC93-LOW-3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	135.5	147.9	161.9	172.7	176.6	182.0	189.0	196.0	197.5	200.6
115°	129.4	141.0	154.9	165.0	168.1	172.7	180.5	186.7	188.2	190.5
117.5°	123.9	134.0	146.4	156.5	160.3	164.2	171.2	176.6	178.9	180.5
120°	119.3	128.6	139.4	148.7	153.4	156.5	162.7	168.1	170.4	172.0
122.5°	114.6	123.2	133.2	141.7	145.6	147.9	154.9	159.6	161.9	164.2
125°	110.8	118.5	127.8	134.8	138.6	141.0	147.2	151.8	154.1	155.7
127.5°	106.9	113.9	123.2	128.6	132.4	134.0	139.4	144.1	146.4	147.2
130°	103.0	110.0	117.7	123.2	126.3	128.6	133.2	136.3	138.6	139.4
132.5°	99.9	106.1	113.1	118.5	121.6	122.4	127.0	130.1	132.4	133.2
135°	97.6	102.2	109.2	113.9	116.2	117.7	121.6	123.9	126.3	127.0
137.5°	94.5	99.1	105.3	108.4	111.5	112.3	116.2	118.5	120.8	121.6
140°	92.2	96.0	101.5	104.6	107.7	107.7	110.8	113.1	115.4	115.4
142.5°	89.8	93.7	98.4	101.5	103.8	103.8	106.9	108.4	110.8	110.8
145°	86.8	90.6	95.3	97.6	99.9	99.9	102.2	103.8	106.1	106.1
147.5°	83.7	87.5	92.2	93.7	96.0	96.0	98.4	99.9	101.5	101.5
150°	79.8	82.9	88.3	90.6	92.9	92.9	94.5	96.0	97.6	97.6
152.5°	76.7	79.0	83.7	86.8	89.1	89.1	90.6	92.2	93.7	93.7
155°	72.8	75.1	79.0	82.9	85.2	86.0	87.5	88.3	89.8	89.8
157.5°	69.7	72.0	75.1	78.2	80.6	82.1	84.4	85.2	86.0	86.0
160°	65.8	67.4	70.5	73.6	75.9	77.5	81.3	82.1	82.9	82.9
162.5°	64.3	64.3	65.8	68.2	70.5	71.3	75.1	78.2	79.8	79.0
165°	65.1	64.3	64.3	65.1	66.6	67.4	69.7	74.4	75.9	75.1
167.5°	66.6	65.1	64.3	64.3	65.8	65.8	68.2	72.0	76.7	75.1
170°	66.6	64.3	62.7	62.7	63.5	63.5	65.1	67.4	72.0	72.8
172.5°	65.8	64.3	62.0	58.9	59.6	58.9	58.1	59.6	60.4	68.2
175°	66.6	64.3	62.0	58.1	56.5	54.2	50.3	47.2	46.5	38.0
177.5°	65.8	63.5	60.4	57.3	55.8	52.7	48.0	42.6	39.5	34.9
180°	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7



TEST NUMBER: P895523
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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	10.64	11.95	11.28	12.62	13.39	14.26	15.57	14.91	16.24	17.01
	3H	11.99	13.18	12.64	13.86	14.66	17.22	18.42	17.87	19.09	19.89
	4H	12.39	13.53	13.06	14.22	15.03	18.73	19.87	19.40	20.55	21.37
	6H	12.61	13.67	13.29	14.36	15.19	20.34	21.40	21.02	22.09	22.92
	8H	12.64	13.66	13.34	14.38	15.21	21.19	22.20	21.88	22.92	23.75
	12H	12.64	13.62	13.35	14.33	15.19	22.13	23.11	22.84	23.82	24.68
4H	2H	11.80	12.94	12.47	13.62	14.44	14.58	15.72	15.25	16.40	17.22
	3H	13.44	14.42	14.13	15.14	15.97	17.76	18.74	18.45	19.46	20.30
	4H	14.01	14.91	14.71	15.63	16.49	19.44	20.34	20.15	21.07	21.93
	6H	14.35	15.14	15.07	15.89	16.76	21.26	22.06	21.98	22.81	23.68
	8H	14.42	15.17	15.15	15.92	16.80	22.24	22.99	22.96	23.74	24.62
	12H	14.45	15.13	15.19	15.90	16.79	23.32	24.01	24.07	24.78	25.67
8H	4H	15.11	15.86	15.84	16.61	17.49	19.61	20.36	20.34	21.11	22.00
	6H	15.72	16.36	16.48	17.15	18.03	21.61	22.25	22.36	23.04	23.92
	8H	15.92	16.50	16.68	17.28	18.18	22.73	23.31	23.49	24.09	24.99
	12H	16.03	16.55	16.80	17.33	18.28	24.01	24.52	24.77	25.30	26.26
12H	4H	15.48	16.16	16.23	16.93	17.82	19.61	20.29	20.35	21.06	21.95
	6H	16.26	16.84	17.02	17.62	18.52	21.64	22.22	22.40	23.00	23.90
	8H	16.59	17.10	17.35	17.88	18.84	22.82	23.34	23.59	24.12	25.07