

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: P895111

Luminaire Tested: 8TMB-6SL-FLTU-UNV-L840

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895111
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: 8TMB-6SL-FLTU-UNV-L840
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 400
Light Source: -
Ballast/Driver: -

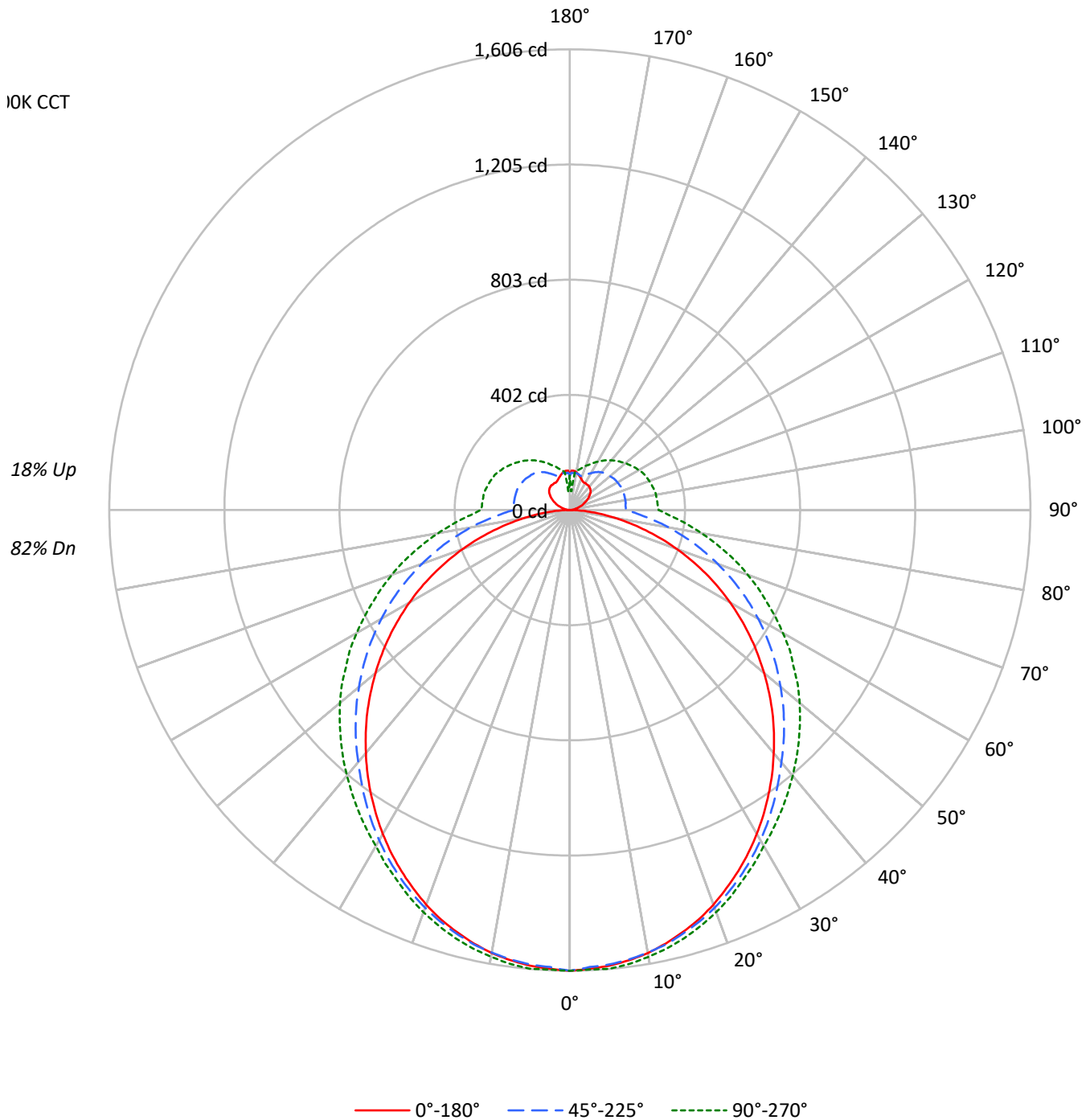
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6073.0 lumens
Efficiency: N/A
Efficacy: 143.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.26 / 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): 42.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.51
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P895111
CATALOG NUMBER: 8TMB-6SL-FLTU-UNV-L840

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	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°	5700	5700	5700
5°	5667	5470	5455
10°	5624	5268	5196
15°	5555	5065	4948
20°	5476	4855	4697
25°	5374	4636	4442
30°	5264	4412	4210
35°	5142	4186	4019
40°	5013	3964	3835
45°	4886	3770	3662
50°	4736	3569	3493
55°	4576	3372	3304
60°	4382	3160	3125
65°	4153	2937	2922
70°	3849	2691	2734
75°	3426	2439	2530
80°	2873	2169	2321
85°	2163	1896	2130

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4886 cd/sqm



TEST NUMBER: P895111
 CATALOG NUMBER: 8TMB-6SL-FLTU-UNV-L840

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.9	2.5
10°-20°	433.3	7.1
20°-30°	651.0	10.7
30°-40°	781.6	12.9
40°-50°	821.9	13.5
50°-60°	772.2	12.7
60°-70°	642.1	10.6
70°-80°	458.2	7.5
80°-90°	272.7	4.5
90°-100°	197.4	3.3
100°-110°	194.8	3.2
110°-120°	183.0	3.0
120°-130°	162.1	2.7
130°-140°	134.4	2.2
140°-150°	100.6	1.7
150°-160°	66.1	1.1
160°-170°	37.5	0.6
170°-180°	12.0	0.2
0°-30°	1236.1	20.4
0°-40°	2017.8	33.2
0°-60°	3611.9	59.5
0°-90°	4985.0	82.1
90°-120°	575.2	9.5
90°-150°	972.3	16.0
90°-180°	1088.0	17.9
0°-180°	6073.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1606	1606	1606	1606	1606	
5°	1595	1614	1590	1595	1605	151
15°	1523	1546	1529	1539	1545	430
25°	1389	1416	1408	1422	1424	640
35°	1209	1237	1241	1272	1284	756
45°	999	1027	1056	1111	1130	770
55°	767	798	861	932	952	685
65°	522	565	654	736	757	517
75°	274	336	447	534	562	291
85°	69	151	263	351	380	75
90°	0	87	195	280	310	5
95°	7	91	195	277	307	8
105°	28	101	197	274	301	30
115°	54	110	195	263	289	54
125°	82	117	189	246	266	73
135°	101	123	179	224	241	78
145°	107	120	161	200	211	67
155°	109	122	136	169	179	51
165°	125	132	128	129	150	35
175°	138	136	129	110	66	13
180°	120	120	120	120	120	



TEST NUMBER: P895111
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4
2.5°	1600.5	1604.9	1606.4	1621.1	1615.2	1621.1	1610.8	1599.1	1596.1	1603.5	1594.7
5°	1594.7	1599.1	1600.5	1615.2	1609.3	1613.7	1604.9	1593.2	1590.3	1599.1	1590.3
7.5°	1582.9	1587.3	1588.8	1604.9	1597.6	1603.5	1593.2	1581.5	1580.0	1588.8	1580.0
10°	1568.3	1572.7	1574.1	1588.8	1582.9	1588.8	1578.5	1566.8	1565.3	1575.6	1566.8
12.5°	1547.7	1552.1	1555.1	1569.7	1562.4	1569.7	1558.0	1546.3	1547.7	1556.5	1550.7
15°	1522.8	1528.7	1530.1	1544.8	1538.9	1546.3	1534.5	1522.8	1525.7	1534.5	1528.7
17.5°	1496.4	1502.3	1503.7	1516.9	1511.1	1519.9	1506.7	1496.4	1499.3	1508.1	1503.7
20°	1464.1	1470.0	1472.9	1486.1	1480.2	1489.0	1475.8	1467.0	1470.0	1480.2	1475.8
22.5°	1427.4	1436.2	1437.7	1452.4	1445.0	1453.8	1440.6	1433.3	1437.7	1448.0	1443.6
25°	1389.3	1398.1	1399.6	1414.2	1408.4	1415.7	1402.5	1395.2	1401.0	1411.3	1408.4
27.5°	1348.2	1357.0	1359.9	1373.2	1367.3	1376.1	1361.4	1357.0	1362.9	1373.2	1370.2
30°	1304.2	1313.0	1314.5	1327.7	1323.3	1332.1	1318.9	1313.0	1321.8	1332.1	1329.1
32.5°	1257.3	1266.1	1270.5	1282.2	1277.8	1285.1	1273.4	1270.5	1277.8	1288.1	1286.6
35°	1208.8	1217.6	1222.0	1235.2	1229.4	1236.7	1225.0	1222.0	1233.8	1241.1	1241.1
37.5°	1159.0	1167.8	1172.2	1185.4	1178.0	1186.8	1175.1	1173.6	1186.8	1194.2	1194.2
40°	1106.1	1116.4	1120.8	1132.6	1126.7	1134.0	1123.8	1125.2	1137.0	1145.8	1147.2
42.5°	1053.3	1063.6	1068.0	1081.2	1073.9	1081.2	1072.4	1073.9	1087.1	1095.9	1103.2
45°	999.1	1007.9	1012.3	1026.9	1018.1	1026.9	1018.1	1021.1	1034.3	1047.5	1056.3
47.5°	941.8	950.6	958.0	969.7	962.4	969.7	963.8	968.2	984.4	997.6	1009.3
50°	884.6	893.4	900.8	911.0	903.7	914.0	906.6	912.5	933.0	946.2	959.4
52.5°	825.9	833.3	845.0	850.9	845.0	856.8	850.9	859.7	880.2	896.4	911.0
55°	767.3	774.6	786.3	790.7	784.9	798.1	793.7	805.4	827.4	845.0	861.2
57.5°	707.1	714.4	724.7	729.1	724.7	739.4	737.9	751.1	773.1	792.2	809.8
60°	645.5	652.8	661.6	666.0	666.0	680.7	680.7	696.8	720.3	737.9	758.5
62.5°	585.3	589.8	598.6	604.4	608.8	623.5	623.5	641.1	666.0	686.6	707.1
65°	522.3	526.7	534.0	541.3	548.7	564.8	566.3	585.3	610.3	630.8	654.3
67.5°	459.2	463.6	470.9	479.7	490.0	506.1	509.1	529.6	556.0	579.5	601.5
70°	397.6	399.0	407.8	419.6	431.3	447.4	451.8	473.9	501.7	525.2	548.7
72.5°	336.0	337.4	346.2	360.9	374.1	391.7	397.6	421.0	448.9	472.4	495.9
75°	274.3	275.8	287.5	305.1	319.8	336.0	343.3	368.2	396.1	421.0	447.4
77.5°	215.7	218.6	230.3	247.9	265.5	284.6	291.9	316.9	347.7	371.2	396.1
80°	161.4	164.3	177.5	196.6	215.7	233.3	242.1	267.0	299.3	322.7	350.6
82.5°	111.5	115.9	132.0	152.6	171.6	190.7	199.5	223.0	252.3	278.7	305.1
85°	69.0	74.8	91.0	113.0	133.5	151.1	159.9	184.8	212.7	237.7	262.6
87.5°	32.3	41.1	57.2	79.2	101.2	115.9	126.2	151.1	177.5	202.5	227.4
90°	0.0	13.2	29.3	51.3	73.4	86.6	98.3	121.8	148.2	171.6	195.1
92.5°	2.9	14.7	32.3	52.8	74.8	88.0	99.8	123.2	148.2	171.6	195.1
95°	7.3	16.1	33.7	55.7	77.8	91.0	101.2	124.7	149.6	173.1	195.1
97.5°	13.2	20.5	38.1	58.7	80.7	92.4	104.2	127.6	151.1	174.6	196.6
100°	17.6	23.5	41.1	61.6	83.6	95.4	107.1	129.1	152.6	176.0	196.6
102.5°	22.0	29.3	45.5	64.5	86.6	98.3	108.6	130.6	154.0	176.0	196.6
105°	27.9	33.7	48.4	69.0	89.5	101.2	111.5	133.5	155.5	177.5	196.6
107.5°	33.7	38.1	52.8	71.9	92.4	102.7	113.0	135.0	157.0	177.5	196.6
110°	41.1	44.0	57.2	74.8	93.9	105.6	115.9	136.4	157.0	177.5	196.6



TEST NUMBER: P895111
 CATALOG NUMBER: 8TMB-6SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	48.4	48.4	61.6	77.8	96.8	107.1	117.4	137.9	158.4	177.5	196.6
115°	54.3	55.7	66.0	80.7	99.8	110.0	118.8	137.9	158.4	177.5	195.1
117.5°	61.6	61.6	71.9	83.6	101.2	111.5	121.8	139.4	158.4	176.0	193.6
120°	69.0	67.5	76.3	88.0	104.2	113.0	123.2	140.8	158.4	176.0	192.2
122.5°	76.3	73.4	79.2	91.0	105.6	115.9	123.2	140.8	158.4	174.6	190.7
125°	82.2	79.2	83.6	95.4	108.6	117.4	124.7	140.8	158.4	173.1	189.2
127.5°	88.0	85.1	89.5	98.3	110.0	117.4	126.2	140.8	158.4	171.6	186.3
130°	93.9	89.5	95.4	101.2	113.0	118.8	126.2	140.8	157.0	170.2	183.4
132.5°	98.3	93.9	99.8	104.2	114.4	120.3	127.6	140.8	155.5	168.7	181.9
135°	101.2	96.8	104.2	107.1	117.4	123.2	129.1	140.8	154.0	167.2	179.0
137.5°	104.2	98.3	107.1	110.0	118.8	124.7	129.1	139.4	152.6	164.3	176.0
140°	105.6	101.2	110.0	113.0	117.4	123.2	129.1	137.9	149.6	161.4	171.6
142.5°	107.1	101.2	111.5	114.4	117.4	121.8	127.6	135.0	146.7	157.0	167.2
145°	107.1	102.7	111.5	114.4	117.4	120.3	124.7	133.5	142.3	151.1	161.4
147.5°	107.1	104.2	113.0	115.9	118.8	118.8	121.8	130.6	137.9	146.7	155.5
150°	108.6	104.2	113.0	115.9	120.3	120.3	121.8	126.2	135.0	140.8	148.2
152.5°	107.1	105.6	111.5	117.4	120.3	121.8	121.8	123.2	130.6	136.4	142.3
155°	108.6	108.6	113.0	120.3	121.8	121.8	123.2	121.8	124.7	130.6	136.4
157.5°	111.5	114.4	114.4	121.8	124.7	124.7	126.2	124.7	123.2	124.7	130.6
160°	115.9	118.8	118.8	123.2	127.6	127.6	129.1	127.6	126.2	124.7	124.7
162.5°	120.3	123.2	123.2	124.7	129.1	130.6	132.0	130.6	129.1	126.2	124.7
165°	124.7	127.6	127.6	127.6	130.6	132.0	133.5	132.0	132.0	129.1	127.6
167.5°	129.1	132.0	132.0	130.6	132.0	133.5	135.0	133.5	133.5	132.0	129.1
170°	133.5	136.4	136.4	133.5	135.0	135.0	136.4	135.0	135.0	132.0	130.6
172.5°	136.4	139.4	137.9	136.4	136.4	136.4	136.4	135.0	133.5	130.6	130.6
175°	137.9	140.8	140.8	137.9	136.4	136.4	137.9	135.0	133.5	132.0	129.1
177.5°	137.9	140.8	140.8	137.9	136.4	136.4	137.9	136.4	136.4	133.5	130.6
180°	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4	1606.4
2.5°	1600.5	1599.1	1590.3	1600.5	1600.5	1597.6	1609.3	1607.9	1606.4	1603.5
5°	1594.7	1593.2	1584.4	1594.7	1594.7	1593.2	1604.9	1606.4	1607.9	1604.9
7.5°	1585.9	1584.4	1575.6	1585.9	1585.9	1584.4	1597.6	1599.1	1600.5	1596.1
10°	1572.7	1571.2	1562.4	1572.7	1574.1	1572.7	1582.9	1584.4	1587.3	1581.5
12.5°	1555.1	1555.1	1546.3	1556.5	1558.0	1556.5	1566.8	1569.7	1572.7	1565.3
15°	1533.1	1534.5	1527.2	1537.5	1538.9	1538.9	1549.2	1550.7	1555.1	1544.8
17.5°	1506.7	1509.6	1503.7	1514.0	1515.5	1516.9	1522.8	1527.2	1531.6	1519.9
20°	1478.8	1480.2	1475.8	1484.6	1487.6	1486.1	1493.4	1499.3	1503.7	1492.0
22.5°	1445.0	1446.5	1442.1	1450.9	1453.8	1455.3	1461.2	1468.5	1471.4	1461.2
25°	1406.9	1412.8	1409.8	1418.6	1421.6	1421.6	1427.4	1434.8	1439.2	1424.5
27.5°	1370.2	1377.6	1374.6	1383.4	1386.4	1387.8	1390.8	1399.6	1404.0	1390.8
30°	1329.1	1337.9	1336.5	1345.3	1348.2	1346.7	1352.6	1361.4	1367.3	1352.6
32.5°	1283.7	1295.4	1293.9	1305.7	1308.6	1310.1	1314.5	1326.2	1332.1	1318.9
35°	1239.7	1252.9	1254.3	1267.5	1271.9	1273.4	1279.3	1291.0	1296.9	1283.7
37.5°	1194.2	1211.8	1216.2	1229.4	1233.8	1235.2	1241.1	1254.3	1260.2	1247.0
40°	1150.2	1170.7	1176.6	1188.3	1192.7	1197.1	1201.5	1214.7	1222.0	1208.8
42.5°	1106.1	1128.2	1135.5	1147.2	1151.6	1156.0	1161.9	1176.6	1182.4	1170.7
45°	1060.7	1084.1	1092.9	1104.7	1110.6	1115.0	1120.8	1134.0	1141.4	1129.6
47.5°	1015.2	1038.7	1047.5	1060.7	1066.5	1072.4	1076.8	1092.9	1100.3	1088.5
50°	966.8	993.2	1003.5	1015.2	1024.0	1028.4	1034.3	1048.9	1056.3	1046.0
52.5°	918.4	946.2	958.0	969.7	978.5	985.9	988.8	1004.9	1012.3	1002.0
55°	868.5	896.4	909.6	922.8	931.6	940.4	943.3	959.4	966.8	952.1
57.5°	818.6	848.0	861.2	875.8	883.2	893.4	897.8	912.5	919.8	909.6
60°	768.7	796.6	812.7	825.9	836.2	845.0	848.0	864.1	871.4	858.2
62.5°	717.4	746.7	762.9	777.5	786.3	796.6	801.0	815.7	821.5	808.3
65°	664.6	693.9	711.5	724.7	736.5	745.3	748.2	764.3	770.2	757.0
67.5°	611.8	641.1	660.2	674.8	685.1	695.4	698.3	714.4	720.3	710.0
70°	560.4	589.8	608.8	626.4	633.8	644.0	648.4	663.1	669.0	660.2
72.5°	509.1	538.4	558.9	576.5	583.9	594.2	600.0	611.8	620.6	613.2
75°	459.2	488.5	509.1	526.7	534.0	544.3	550.1	561.9	567.7	561.9
77.5°	410.8	440.1	459.2	476.8	485.6	494.4	500.3	512.0	519.3	513.5
80°	363.8	393.2	412.2	428.4	437.2	446.0	451.8	465.1	470.9	466.5
82.5°	319.8	347.7	368.2	384.4	393.2	402.0	407.8	419.6	426.9	421.0
85°	280.2	308.1	327.2	343.3	350.6	359.4	365.3	377.0	382.9	380.0
87.5°	242.1	267.0	289.0	305.1	312.5	321.3	328.6	337.4	344.8	340.4
90°	212.7	234.7	255.3	271.4	280.2	289.0	297.8	306.6	312.5	309.5
92.5°	214.2	234.7	253.8	268.5	277.3	286.1	294.9	305.1	309.5	306.6
95°	214.2	234.7	253.8	268.5	277.3	286.1	294.9	305.1	309.5	306.6
97.5°	214.2	234.7	253.8	268.5	277.3	286.1	294.9	305.1	309.5	305.1
100°	214.2	234.7	253.8	268.5	277.3	284.6	293.4	303.7	308.1	305.1
102.5°	214.2	234.7	252.3	267.0	275.8	283.1	291.9	302.2	306.6	303.7
105°	214.2	233.3	252.3	265.5	274.3	281.7	290.5	299.3	303.7	300.7
107.5°	212.7	231.8	249.4	264.1	271.4	278.7	287.5	296.3	300.7	297.8
110°	212.7	230.3	247.9	261.1	268.5	275.8	284.6	293.4	297.8	294.9



TEST NUMBER: P895111
 CATALOG NUMBER: 8TMB-6SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	211.3	228.9	246.5	258.2	265.5	272.9	280.2	290.5	294.9	291.9
115°	209.8	227.4	243.5	255.3	262.6	268.5	277.3	287.5	290.5	289.0
117.5°	208.3	224.5	240.6	252.3	259.7	265.5	272.9	281.7	286.1	284.6
120°	206.9	221.5	237.7	247.9	255.3	261.1	267.0	275.8	280.2	277.3
122.5°	203.9	218.6	234.7	245.0	250.9	256.7	262.6	269.9	274.3	272.9
125°	201.0	215.7	230.3	240.6	246.5	250.9	256.7	264.1	267.0	265.5
127.5°	198.1	212.7	225.9	234.7	242.1	246.5	250.9	258.2	261.1	259.7
130°	195.1	208.3	221.5	230.3	236.2	240.6	245.0	252.3	253.8	253.8
132.5°	192.2	203.9	217.1	225.9	231.8	234.7	239.1	245.0	247.9	246.5
135°	189.2	199.5	212.7	220.1	224.5	228.9	233.3	239.1	240.6	240.6
137.5°	184.8	195.1	206.9	214.2	218.6	221.5	225.9	231.8	233.3	233.3
140°	180.4	190.7	201.0	206.9	212.7	215.7	218.6	224.5	225.9	225.9
142.5°	176.0	184.8	195.1	201.0	206.9	208.3	212.7	217.1	218.6	218.6
145°	170.2	180.4	189.2	195.1	199.5	201.0	205.4	209.8	209.8	211.3
147.5°	162.8	171.6	183.4	187.8	192.2	193.6	198.1	201.0	202.5	202.5
150°	155.5	164.3	174.6	181.9	186.3	187.8	189.2	193.6	193.6	195.1
152.5°	148.2	155.5	165.8	173.1	179.0	180.4	181.9	184.8	184.8	186.3
155°	140.8	146.7	155.5	162.8	168.7	171.6	174.6	177.5	177.5	179.0
157.5°	135.0	140.8	148.2	154.0	158.4	162.8	167.2	170.2	170.2	170.2
160°	127.6	132.0	139.4	143.8	149.6	152.6	159.9	162.8	162.8	164.3
162.5°	123.2	124.7	129.1	133.5	137.9	140.8	148.2	155.5	155.5	157.0
165°	124.7	123.2	124.7	126.2	129.1	130.6	135.0	145.2	148.2	149.6
167.5°	127.6	123.2	123.2	123.2	126.2	126.2	130.6	136.4	146.7	143.8
170°	127.6	123.2	120.3	120.3	121.8	120.3	123.2	127.6	133.5	139.4
172.5°	129.1	124.7	120.3	114.4	115.9	114.4	111.5	111.5	113.0	132.0
175°	127.6	124.7	118.8	111.5	110.0	105.6	96.8	89.5	85.1	66.0
177.5°	126.2	121.8	117.4	111.5	108.6	104.2	93.9	82.2	70.4	67.5
180°	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3



TEST NUMBER: P895111
 CATALOG NUMBER: 8TMB-6SL-FLTU-UNV-L840

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	13.75	15.07	14.37	15.71	16.43	16.38	17.70	17.00	18.34	19.06
	3H	15.16	16.36	15.79	17.00	17.76	18.85	20.05	19.47	20.69	21.44
	4H	15.59	16.72	16.23	17.38	18.15	20.01	21.15	20.66	21.81	22.57
	6H	15.82	16.88	16.48	17.54	18.33	21.19	22.25	21.85	22.92	23.70
	8H	15.86	16.88	16.54	17.56	18.35	21.79	22.80	22.46	23.48	24.27
	12H	15.87	16.84	16.55	17.52	18.34	22.42	23.39	23.10	24.07	24.89
4H	2H	14.66	15.79	15.31	16.45	17.22	16.73	17.87	17.38	18.52	19.29
	3H	16.28	17.25	16.94	17.94	18.73	19.39	20.36	20.05	21.05	21.84
	4H	16.83	17.72	17.51	18.42	19.23	20.71	21.59	21.39	22.29	23.11
	6H	17.17	17.95	17.87	18.67	19.50	22.06	22.84	22.76	23.56	24.39
	8H	17.25	17.98	17.95	18.70	19.54	22.75	23.48	23.45	24.20	25.04
	12H	17.28	17.94	18.00	18.68	19.53	23.50	24.16	24.23	24.91	25.75
8H	4H	17.50	18.23	18.20	18.95	19.79	20.86	21.59	21.56	22.31	23.15
	6H	18.00	18.62	18.73	19.38	20.22	22.35	22.97	23.08	23.73	24.57
	8H	18.16	18.71	18.90	19.47	20.33	23.16	23.71	23.90	24.48	25.33
	12H	18.25	18.74	18.99	19.49	20.41	24.07	24.56	24.82	25.32	26.23
12H	4H	17.67	18.33	18.39	19.07	19.92	20.84	21.51	21.57	22.25	23.10
	6H	18.27	18.82	19.01	19.58	20.44	22.37	22.92	23.11	23.68	24.54
	8H	18.50	18.99	19.25	19.75	20.66	23.23	23.72	23.97	24.47	25.39