

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: CORELITE

Report Number: P571933

Luminaire Tested: 22ID-35-L835-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-1)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-35-L835-SWR
Description: 3500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3500K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3520.0 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.2 / 1.35
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

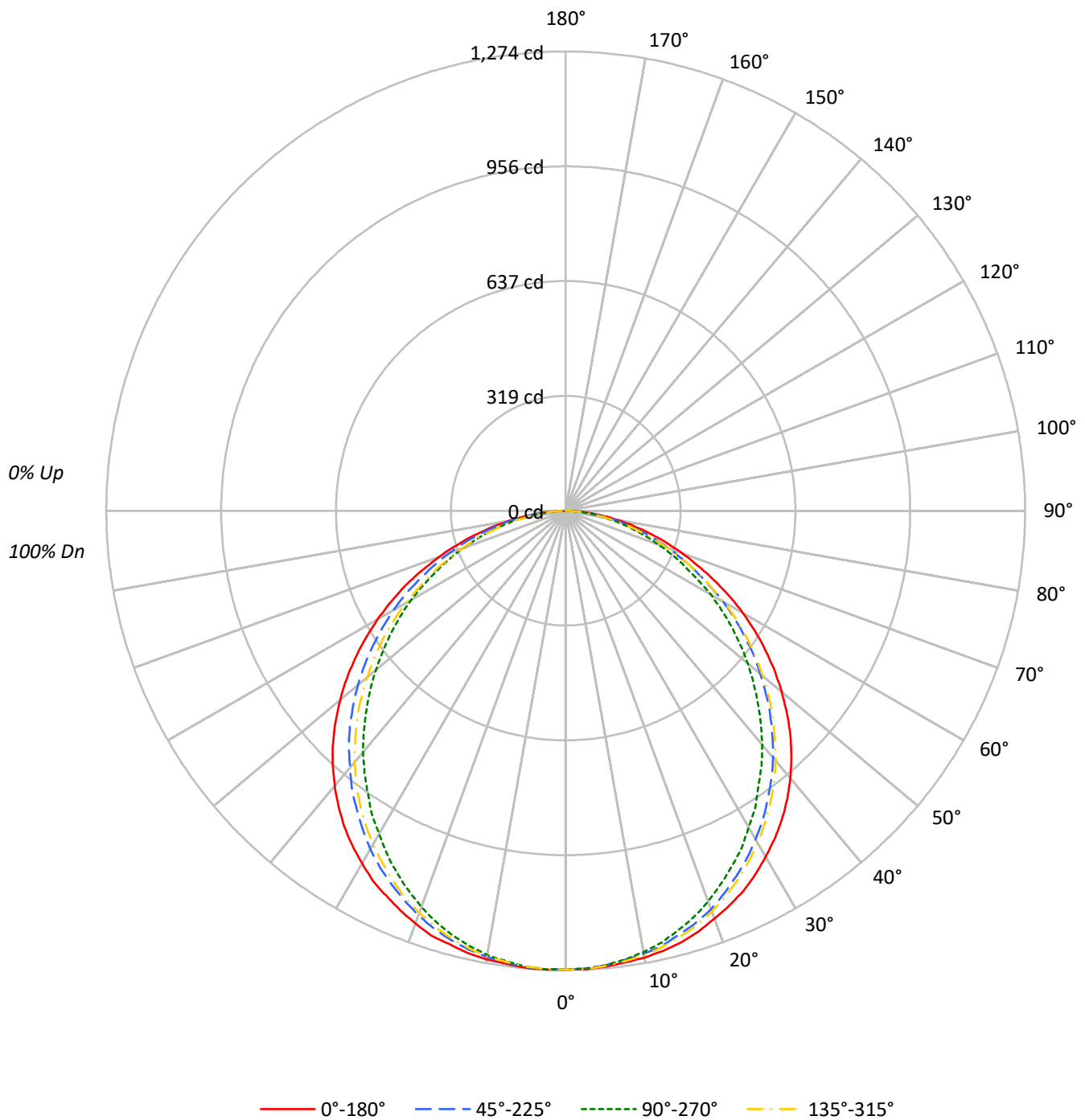
Input Watts (W): 28.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	51	46
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	33	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3425	3425	3425	3425
5°	3429	3419	3438	3429
10°	3440	3397	3454	3421
15°	3453	3356	3468	3395
20°	3450	3304	3490	3349
25°	3457	3234	3499	3291
30°	3444	3151	3509	3216
35°	3435	3061	3515	3142
40°	3403	2979	3501	3071
45°	3354	2868	3473	2974
50°	3272	2759	3418	2876
55°	3174	2633	3339	2772
60°	3049	2493	3237	2663
65°	2872	2316	3117	2505
70°	2696	2146	2930	2366
75°	2490	1945	2726	2199
80°	2249	1706	2411	1977
85°	1834	1405	1890	1673

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 3473 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.6	3.4
10°-20°	345.9	9.8
20°-30°	522.1	14.8
30°-40°	623.4	17.7
40°-50°	636.1	18.1
50°-60°	561.0	15.9
60°-70°	414.6	11.8
70°-80°	233.8	6.6
80°-90°	62.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	988.6	28.1
0°-40°	1612.0	45.8
0°-60°	2809.1	79.8
0°-90°	3520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3520.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1273	1273	1273	1273	1273	
5°	1269	1266	1273	1269	1269	121
15°	1240	1205	1245	1219	1240	350
25°	1164	1089	1178	1108	1164	536
35°	1046	932	1070	956	1046	653
45°	881	754	913	782	881	679
55°	677	561	712	591	677	605
65°	451	364	490	393	451	448
75°	240	187	262	212	240	254
85°	59	46	61	54	59	70
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1272.8	1272.8	1272.8	1271.0	1269.3	1269.3	1271.0	1271.0	1269.3	1271.0
5°	1269.3	1269.3	1269.3	1267.5	1265.8	1265.8	1265.8	1265.8	1264.0	1265.8	1265.8
7.5°	1264.0	1264.0	1264.0	1262.3	1260.5	1260.5	1260.5	1258.8	1257.1	1258.8	1257.1
10°	1258.8	1257.1	1257.1	1257.1	1253.6	1251.8	1251.8	1251.8	1250.1	1250.1	1248.3
12.5°	1250.1	1248.3	1248.3	1246.6	1244.8	1243.1	1241.3	1239.6	1237.8	1236.1	1236.1
15°	1239.6	1239.6	1236.1	1234.3	1230.8	1229.1	1227.3	1225.6	1222.1	1220.3	1216.8
17.5°	1223.8	1223.8	1220.3	1218.6	1215.1	1211.6	1211.6	1208.1	1204.6	1201.1	1199.4
20°	1204.6	1206.3	1204.6	1201.1	1195.9	1194.1	1192.4	1188.9	1183.6	1180.1	1176.6
22.5°	1185.4	1187.1	1183.6	1178.4	1174.9	1173.1	1169.6	1164.4	1159.1	1153.9	1148.7
25°	1164.4	1162.6	1159.1	1155.6	1150.4	1148.7	1145.2	1139.9	1131.2	1125.9	1118.9
27.5°	1138.2	1138.2	1132.9	1129.4	1120.7	1120.7	1115.4	1108.4	1101.4	1092.7	1087.5
30°	1108.4	1108.4	1104.9	1099.7	1091.0	1089.2	1084.0	1078.7	1068.2	1059.5	1052.5
32.5°	1078.7	1077.0	1073.5	1068.2	1059.5	1056.0	1050.7	1043.8	1035.0	1022.8	1017.5
35°	1045.5	1043.8	1038.5	1031.5	1024.5	1021.0	1015.8	1007.0	998.3	986.1	977.3
37.5°	1008.8	1007.0	1001.8	994.8	986.1	982.6	977.3	968.6	956.3	947.6	937.1
40°	968.6	966.8	963.3	956.3	947.6	944.1	937.1	928.4	914.4	903.9	895.1
42.5°	926.6	924.9	919.6	910.9	903.9	900.4	893.4	884.7	872.4	860.2	847.9
45°	881.2	879.4	874.2	863.7	858.4	853.2	846.2	837.5	827.0	816.5	802.5
47.5°	832.2	830.5	827.0	818.2	807.7	806.0	799.0	790.2	778.0	764.0	753.5
50°	781.5	781.5	776.3	769.3	762.3	757.0	750.0	741.3	725.6	716.8	704.6
52.5°	730.8	729.1	725.6	716.8	711.6	706.3	697.6	692.3	676.6	669.6	655.6
55°	676.6	674.9	667.9	662.6	659.1	653.9	646.9	636.4	627.7	617.2	604.9
57.5°	622.4	620.7	615.4	611.9	604.9	599.7	592.7	585.7	573.5	566.5	554.2
60°	566.5	566.5	563.0	557.7	550.7	545.5	540.2	533.2	522.8	512.3	503.5
62.5°	510.5	510.5	505.3	500.0	496.5	491.3	487.8	479.0	470.3	463.3	449.3
65°	451.1	451.1	444.1	442.3	438.8	435.3	430.1	421.3	416.1	403.9	398.6
67.5°	395.1	396.9	391.6	391.6	386.4	382.9	377.6	370.6	365.4	354.9	349.7
70°	342.7	344.4	340.9	339.2	333.9	330.4	326.9	321.7	314.7	311.2	302.5
72.5°	290.2	292.0	288.5	288.5	283.2	281.5	278.0	274.5	267.5	264.0	255.3
75°	239.5	237.8	237.8	239.5	234.3	232.5	230.8	223.8	220.3	216.8	209.8
77.5°	190.6	190.6	192.3	190.6	187.1	185.3	181.8	176.6	174.8	173.1	166.1
80°	145.1	146.9	146.9	145.1	141.6	139.9	138.1	132.9	131.1	131.1	125.9
82.5°	101.4	101.4	99.7	101.4	97.9	96.2	97.9	92.7	90.9	90.9	87.4
85°	59.4	57.7	57.7	59.4	57.7	57.7	57.7	54.2	54.2	54.2	50.7
87.5°	22.7	22.7	24.5	24.5	22.7	22.7	22.7	22.7	21.0	21.0	19.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1269.3	1269.3	1269.3	1269.3	1271.0	1269.3	1271.0	1271.0	1272.8	1271.0	1272.8
5°	1265.8	1265.8	1264.0	1264.0	1264.0	1264.0	1264.0	1264.0	1264.0	1265.8	1265.8
7.5°	1257.1	1257.1	1255.3	1255.3	1255.3	1255.3	1253.6	1253.6	1255.3	1255.3	1255.3
10°	1246.6	1244.8	1243.1	1243.1	1243.1	1243.1	1241.3	1243.1	1243.1	1243.1	1243.1
12.5°	1230.8	1230.8	1229.1	1227.3	1227.3	1227.3	1225.6	1227.3	1227.3	1227.3	1227.3
15°	1215.1	1213.3	1211.6	1208.1	1208.1	1206.3	1204.6	1206.3	1204.6	1204.6	1206.3
17.5°	1192.4	1192.4	1188.9	1187.1	1185.4	1183.6	1181.9	1181.9	1181.9	1181.9	1185.4
20°	1169.6	1167.9	1164.4	1157.4	1159.1	1157.4	1153.9	1155.6	1155.6	1153.9	1153.9
22.5°	1145.2	1138.2	1134.7	1127.7	1129.4	1125.9	1124.2	1125.9	1124.2	1122.4	1125.9
25°	1111.9	1108.4	1099.7	1099.7	1096.2	1094.5	1094.5	1092.7	1091.0	1089.2	1092.7
27.5°	1082.2	1075.2	1070.0	1063.0	1059.5	1059.5	1057.7	1056.0	1052.5	1056.0	1056.0
30°	1045.5	1038.5	1029.8	1026.3	1022.8	1022.8	1019.3	1017.5	1014.0	1014.0	1019.3
32.5°	1010.5	1000.0	991.3	986.1	984.3	982.6	980.8	973.8	975.6	977.3	979.1
35°	968.6	959.8	952.8	947.6	942.4	940.6	938.9	933.6	933.6	931.9	937.1
37.5°	928.4	917.9	912.6	903.9	900.4	896.9	895.1	891.6	889.9	891.6	893.4
40°	884.7	875.9	867.2	858.4	854.9	853.2	847.9	847.9	844.4	847.9	847.9
42.5°	839.2	830.5	820.0	813.0	809.5	806.0	802.5	800.7	800.7	800.7	802.5
45°	793.7	783.3	772.8	765.8	762.3	760.5	755.3	753.5	750.0	753.5	755.3
47.5°	744.8	736.0	725.6	720.3	715.1	713.3	708.1	704.6	702.8	706.3	706.3
50°	695.8	687.1	678.4	671.4	666.1	664.4	659.1	659.1	655.6	659.1	659.1
52.5°	646.9	638.1	629.4	620.7	617.2	615.4	610.2	610.2	610.2	610.2	610.2
55°	597.9	585.7	580.4	571.7	568.2	566.5	564.7	559.5	561.2	561.2	561.2
57.5°	547.2	538.5	528.0	524.5	519.3	517.5	517.5	510.5	508.8	512.3	512.3
60°	496.5	489.5	479.0	473.8	470.3	470.3	465.1	458.1	456.3	463.3	463.3
62.5°	444.1	433.6	428.3	423.1	419.6	417.9	416.1	410.9	412.6	410.9	410.9
65°	395.1	384.6	381.1	375.9	372.4	370.6	368.9	365.4	361.9	363.7	363.7
67.5°	346.2	337.4	332.2	328.7	325.2	325.2	321.7	318.2	319.9	318.2	318.2
70°	299.0	292.0	285.0	283.2	279.7	279.7	278.0	276.2	274.5	272.7	272.7
72.5°	253.5	246.5	241.3	237.8	236.0	236.0	234.3	229.0	230.8	229.0	229.0
75°	206.3	201.1	199.3	195.8	194.1	194.1	192.3	188.8	190.6	187.1	183.6
77.5°	164.3	159.1	157.3	155.6	157.3	155.6	150.4	152.1	150.4	146.9	146.9
80°	125.9	120.6	120.6	117.1	115.4	115.4	113.6	113.6	111.9	110.1	110.1
82.5°	85.7	83.9	82.2	80.4	78.7	82.2	78.7	76.9	76.9	76.9	75.2
85°	49.0	49.0	47.2	47.2	45.5	47.2	45.5	43.7	45.5	45.5	42.0
87.5°	19.2	21.0	17.5	17.5	17.5	17.5	15.7	17.5	17.5	17.5	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1271.0	1271.0	1271.0	1271.0	1269.3	1271.0	1271.0	1272.8	1271.0	1271.0
5°	1265.8	1264.0	1265.8	1264.0	1264.0	1265.8	1265.8	1267.5	1267.5	1269.3	1269.3
7.5°	1255.3	1255.3	1255.3	1255.3	1255.3	1257.1	1257.1	1258.8	1260.5	1260.5	1262.3
10°	1243.1	1243.1	1244.8	1243.1	1244.8	1246.6	1248.3	1250.1	1251.8	1253.6	1253.6
12.5°	1227.3	1227.3	1227.3	1230.8	1230.8	1232.6	1234.3	1237.8	1239.6	1243.1	1243.1
15°	1206.3	1206.3	1209.8	1209.8	1211.6	1215.1	1218.6	1220.3	1223.8	1227.3	1229.1
17.5°	1183.6	1183.6	1187.1	1187.1	1188.9	1194.1	1197.6	1199.4	1206.3	1209.8	1213.3
20°	1157.4	1157.4	1162.6	1160.9	1164.4	1169.6	1173.1	1178.4	1183.6	1188.9	1192.4
22.5°	1125.9	1127.7	1132.9	1132.9	1134.7	1141.7	1146.9	1152.2	1157.4	1164.4	1169.6
25°	1092.7	1094.5	1099.7	1101.4	1103.2	1110.2	1117.2	1120.7	1129.4	1138.2	1141.7
27.5°	1056.0	1059.5	1063.0	1064.7	1068.2	1077.0	1084.0	1091.0	1098.0	1106.7	1113.7
30°	1019.3	1022.8	1026.3	1028.0	1031.5	1040.3	1047.3	1056.0	1064.7	1073.5	1080.5
32.5°	977.3	982.6	986.1	989.6	991.3	1001.8	1010.5	1019.3	1028.0	1038.5	1047.3
35°	937.1	942.4	945.8	947.6	951.1	961.6	968.6	977.3	989.6	1000.0	1008.8
37.5°	893.4	896.9	903.9	903.9	907.4	919.6	928.4	937.1	949.3	959.8	970.3
40°	849.7	851.4	858.4	860.2	863.7	875.9	884.7	896.9	905.6	917.9	928.4
42.5°	802.5	807.7	814.7	818.2	821.7	828.7	835.7	849.7	858.4	872.4	882.9
45°	755.3	760.5	764.0	765.8	774.5	781.5	788.5	802.5	813.0	825.2	837.5
47.5°	708.1	711.6	716.8	723.8	727.3	734.3	739.5	753.5	764.0	778.0	788.5
50°	659.1	664.4	667.9	669.6	676.6	685.3	692.3	704.6	713.3	727.3	739.5
52.5°	610.2	617.2	617.2	624.2	627.7	631.1	641.6	653.9	662.6	674.9	687.1
55°	563.0	566.5	571.7	573.5	578.7	582.2	589.2	601.4	611.9	624.2	636.4
57.5°	510.5	514.0	517.5	524.5	528.0	535.0	542.0	550.7	559.5	571.7	580.4
60°	459.8	465.1	468.6	473.8	473.8	482.5	491.3	500.0	507.0	519.3	528.0
62.5°	414.4	414.4	414.4	421.3	419.6	426.6	433.6	444.1	451.1	466.8	477.3
65°	365.4	367.1	367.1	372.4	370.6	377.6	382.9	393.4	400.4	409.1	419.6
67.5°	318.2	318.2	319.9	325.2	323.4	328.7	337.4	342.7	347.9	358.4	367.1
70°	269.2	271.0	272.7	278.0	276.2	283.2	288.5	292.0	299.0	306.0	313.0
72.5°	227.3	227.3	232.5	232.5	230.8	236.0	241.3	244.8	248.3	257.0	265.7
75°	187.1	185.3	188.8	188.8	187.1	188.8	192.3	197.6	201.1	208.1	215.0
77.5°	146.9	145.1	148.6	148.6	148.6	146.9	152.1	153.9	155.6	159.1	166.1
80°	108.4	106.6	110.1	110.1	106.6	108.4	111.9	113.6	113.6	117.1	122.4
82.5°	75.2	73.4	75.2	75.2	75.2	75.2	76.9	75.2	76.9	76.9	82.2
85°	45.5	43.7	45.5	43.7	43.7	42.0	45.5	43.7	43.7	45.5	45.5
87.5°	15.7	15.7	17.5	17.5	15.7	17.5	15.7	15.7	15.7	17.5	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1274.5	1274.5	1272.8	1274.5	1272.8
5°	1269.3	1269.3	1271.0	1271.0	1271.0	1271.0	1271.0	1272.8	1272.8	1272.8	1271.0
7.5°	1264.0	1264.0	1264.0	1264.0	1265.8	1267.5	1267.5	1267.5	1269.3	1267.5	1267.5
10°	1255.3	1258.8	1258.8	1260.5	1260.5	1262.3	1264.0	1264.0	1264.0	1264.0	1264.0
12.5°	1246.6	1248.3	1250.1	1251.8	1253.6	1253.6	1257.1	1257.1	1257.1	1257.1	1255.3
15°	1232.6	1236.1	1237.8	1239.6	1243.1	1243.1	1246.6	1244.8	1248.3	1246.6	1244.8
17.5°	1216.8	1220.3	1223.8	1223.8	1229.1	1230.8	1234.3	1236.1	1236.1	1234.3	1230.8
20°	1197.6	1202.9	1204.6	1208.1	1211.6	1215.1	1216.8	1218.6	1220.3	1218.6	1216.8
22.5°	1174.9	1181.9	1183.6	1187.1	1192.4	1195.9	1197.6	1199.4	1201.1	1201.1	1197.6
25°	1150.4	1159.1	1159.1	1164.4	1169.6	1174.9	1178.4	1178.4	1181.9	1178.4	1178.4
27.5°	1120.7	1131.2	1136.4	1138.2	1145.2	1150.4	1153.9	1157.4	1157.4	1153.9	1153.9
30°	1091.0	1101.4	1106.7	1108.4	1117.2	1122.4	1125.9	1129.4	1129.4	1129.4	1125.9
32.5°	1057.7	1070.0	1075.2	1077.0	1087.5	1092.7	1098.0	1101.4	1101.4	1099.7	1094.5
35°	1022.8	1031.5	1040.3	1043.8	1052.5	1057.7	1066.5	1070.0	1068.2	1068.2	1063.0
37.5°	982.6	996.5	1001.8	1005.3	1015.8	1022.8	1031.5	1035.0	1035.0	1033.3	1029.8
40°	940.6	956.3	961.6	966.8	977.3	986.1	991.3	996.5	996.5	996.5	993.1
42.5°	898.6	910.9	917.9	923.1	935.4	940.6	949.3	956.3	956.3	954.6	949.3
45°	851.4	865.4	872.4	877.7	889.9	900.4	905.6	912.6	910.9	910.9	903.9
47.5°	804.2	818.2	825.2	830.5	842.7	854.9	858.4	865.4	865.4	865.4	858.4
50°	755.3	769.3	774.5	779.8	793.7	800.7	809.5	816.5	816.5	818.2	811.2
52.5°	704.6	715.1	723.8	727.3	741.3	750.0	757.0	765.8	765.8	762.3	762.3
55°	650.4	662.6	671.4	674.9	685.3	699.3	704.6	711.6	711.6	711.6	708.1
57.5°	596.2	610.2	617.2	620.7	632.9	643.4	650.4	657.4	659.1	659.1	652.1
60°	540.2	554.2	561.2	564.7	578.7	587.4	594.4	601.4	603.2	604.9	597.9
62.5°	487.8	500.0	507.0	510.5	521.0	528.0	536.7	545.5	547.2	547.2	543.7
65°	430.1	442.3	447.6	451.1	459.8	472.0	482.5	489.5	491.3	489.5	489.5
67.5°	375.9	386.4	393.4	395.1	403.9	416.1	421.3	428.3	430.1	430.1	428.3
70°	321.7	333.9	339.2	342.7	349.7	360.2	365.4	372.4	374.1	375.9	372.4
72.5°	271.0	279.7	285.0	288.5	297.2	306.0	309.5	316.4	319.9	319.9	316.4
75°	220.3	229.0	232.5	236.0	243.0	251.8	255.3	262.2	265.7	264.0	264.0
77.5°	171.3	178.3	181.8	183.6	188.8	199.3	201.1	208.1	208.1	209.8	209.8
80°	125.9	131.1	134.6	136.4	139.9	146.9	150.4	155.6	159.1	157.3	157.3
82.5°	83.9	87.4	90.9	94.4	94.4	101.4	101.4	106.6	106.6	110.1	108.4
85°	47.2	49.0	50.7	52.4	52.4	57.7	57.7	61.2	64.7	61.2	61.2
87.5°	15.7	17.5	17.5	19.2	17.5	21.0	19.2	22.7	24.5	24.5	22.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
5°	1271.0	1271.0	1269.3	1271.0	1271.0	1271.0	1271.0	1269.3	1269.3	1269.3	1269.3
7.5°	1267.5	1265.8	1265.8	1265.8	1264.0	1264.0	1264.0	1264.0	1262.3	1262.3	1262.3
10°	1262.3	1260.5	1260.5	1260.5	1258.8	1258.8	1257.1	1255.3	1255.3	1253.6	1251.8
12.5°	1255.3	1253.6	1251.8	1251.8	1250.1	1248.3	1246.6	1244.8	1243.1	1239.6	1239.6
15°	1243.1	1243.1	1241.3	1239.6	1236.1	1236.1	1232.6	1230.8	1227.3	1223.8	1223.8
17.5°	1230.8	1229.1	1227.3	1223.8	1220.3	1218.6	1215.1	1211.6	1208.1	1204.6	1202.9
20°	1215.1	1209.8	1211.6	1206.3	1202.9	1199.4	1194.1	1190.6	1185.4	1181.9	1178.4
22.5°	1194.1	1192.4	1190.6	1185.4	1180.1	1178.4	1169.6	1164.4	1159.1	1153.9	1150.4
25°	1171.4	1169.6	1167.9	1162.6	1155.6	1152.2	1143.4	1138.2	1129.4	1125.9	1122.4
27.5°	1145.2	1145.2	1141.7	1134.7	1129.4	1120.7	1115.4	1104.9	1098.0	1092.7	1089.2
30°	1117.2	1117.2	1113.7	1104.9	1098.0	1089.2	1084.0	1073.5	1064.7	1059.5	1052.5
32.5°	1089.2	1087.5	1084.0	1075.2	1066.5	1057.7	1047.3	1038.5	1028.0	1022.8	1015.8
35°	1056.0	1054.2	1050.7	1040.3	1033.3	1022.8	1010.5	1000.0	989.6	984.3	973.8
37.5°	1021.0	1017.5	1014.0	1001.8	993.1	982.6	973.8	959.8	949.3	942.4	937.1
40°	982.6	980.8	975.6	965.1	952.8	942.4	930.1	919.6	909.1	900.4	893.4
42.5°	944.1	937.1	933.6	923.1	914.4	898.6	889.9	875.9	865.4	858.4	847.9
45°	900.4	895.1	889.9	879.4	867.2	854.9	846.2	830.5	820.0	811.2	802.5
47.5°	851.4	849.7	844.4	832.2	821.7	809.5	799.0	783.3	772.8	765.8	757.0
50°	802.5	800.7	797.2	785.0	771.0	760.5	751.8	736.0	725.6	715.1	709.8
52.5°	757.0	750.0	746.5	736.0	722.1	709.8	702.8	687.1	676.6	666.1	659.1
55°	704.6	699.3	695.8	687.1	674.9	659.1	652.1	638.1	629.4	622.4	611.9
57.5°	652.1	645.1	641.6	631.1	622.4	610.2	601.4	587.4	578.7	571.7	564.7
60°	592.7	592.7	589.2	578.7	570.0	557.7	550.7	536.7	528.0	522.8	514.0
62.5°	543.7	536.7	535.0	522.8	517.5	505.3	500.0	487.8	482.5	473.8	465.1
65°	482.5	482.5	480.8	473.8	466.8	451.1	444.1	433.6	428.3	421.3	414.4
67.5°	428.3	423.1	423.1	416.1	407.4	398.6	393.4	382.9	379.4	370.6	365.4
70°	374.1	368.9	368.9	360.2	354.9	346.2	342.7	333.9	326.9	323.4	318.2
72.5°	319.9	316.4	314.7	307.7	304.2	295.5	293.7	285.0	278.0	276.2	271.0
75°	265.7	262.2	257.0	258.8	251.8	244.8	243.0	237.8	234.3	229.0	223.8
77.5°	211.5	208.1	208.1	204.6	201.1	195.8	194.1	190.6	185.3	181.8	178.3
80°	160.8	157.3	157.3	155.6	150.4	146.9	146.9	141.6	141.6	138.1	136.4
82.5°	110.1	108.4	106.6	108.4	104.9	101.4	103.2	101.4	99.7	96.2	94.4
85°	64.7	62.9	61.2	64.7	61.2	62.9	61.2	59.4	59.4	57.7	55.9
87.5°	24.5	24.5	22.7	24.5	24.5	26.2	24.5	24.5	24.5	24.5	24.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
5°	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1267.5	1269.3
7.5°	1262.3	1260.5	1262.3	1260.5	1260.5	1260.5	1260.5	1260.5	1260.5	1260.5	1260.5
10°	1251.8	1251.8	1251.8	1251.8	1251.8	1251.8	1251.8	1251.8	1251.8	1250.1	1250.1
12.5°	1239.6	1239.6	1237.8	1237.8	1237.8	1236.1	1236.1	1237.8	1237.8	1236.1	1237.8
15°	1222.1	1223.8	1220.3	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1220.3
17.5°	1202.9	1201.1	1199.4	1199.4	1197.6	1195.9	1195.9	1197.6	1197.6	1199.4	1199.4
20°	1178.4	1178.4	1174.9	1173.1	1171.4	1169.6	1169.6	1171.4	1171.4	1171.4	1174.9
22.5°	1150.4	1148.7	1145.2	1143.4	1143.4	1139.9	1141.7	1143.4	1143.4	1143.4	1145.2
25°	1118.9	1117.2	1115.4	1113.7	1110.2	1108.4	1108.4	1111.9	1111.9	1115.4	1117.2
27.5°	1085.7	1084.0	1080.5	1077.0	1075.2	1073.5	1073.5	1077.0	1077.0	1080.5	1082.2
30°	1050.7	1049.0	1043.8	1042.0	1036.8	1035.0	1036.8	1040.3	1042.0	1043.8	1045.5
32.5°	1014.0	1010.5	1005.3	1003.5	998.3	1000.0	996.5	1001.8	1003.5	1005.3	1007.0
35°	973.8	970.3	965.1	959.8	958.1	956.3	956.3	959.8	959.8	965.1	966.8
37.5°	930.1	928.4	923.1	919.6	916.1	916.1	912.6	917.9	919.6	923.1	923.1
40°	889.9	888.2	879.4	875.9	872.4	874.2	868.9	874.2	875.9	879.4	881.2
42.5°	842.7	840.9	834.0	830.5	827.0	828.7	823.5	828.7	827.0	832.2	834.0
45°	797.2	795.5	790.2	783.3	779.8	781.5	781.5	781.5	779.8	785.0	786.7
47.5°	751.8	748.3	743.0	736.0	732.6	734.3	734.3	734.3	732.6	739.5	739.5
50°	704.6	701.1	695.8	688.8	687.1	687.1	687.1	687.1	687.1	690.6	692.3
52.5°	655.6	653.9	648.6	641.6	638.1	638.1	638.1	634.6	638.1	639.9	641.6
55°	606.7	604.9	596.2	592.7	589.2	590.9	589.2	587.4	587.4	590.9	592.7
57.5°	557.7	556.0	550.7	549.0	540.2	542.0	540.2	540.2	542.0	542.0	543.7
60°	508.8	507.0	501.8	500.0	493.0	494.8	487.8	491.3	493.0	493.0	493.0
62.5°	456.3	456.3	447.6	444.1	440.6	442.3	437.1	437.1	437.1	440.6	440.6
65°	409.1	407.4	400.4	396.9	393.4	393.4	389.9	389.9	388.1	391.6	391.6
67.5°	360.2	360.2	353.2	349.7	346.2	347.9	342.7	342.7	344.4	344.4	344.4
70°	313.0	313.0	307.7	306.0	300.7	300.7	295.5	297.2	297.2	297.2	297.2
72.5°	267.5	267.5	262.2	260.5	255.3	255.3	250.0	251.8	251.8	250.0	250.0
75°	222.0	223.8	215.0	213.3	209.8	211.5	208.1	206.3	208.1	204.6	204.6
77.5°	176.6	176.6	174.8	173.1	167.8	167.8	166.1	162.6	164.3	160.8	160.8
80°	132.9	134.6	129.4	131.1	125.9	127.6	125.9	122.4	122.4	120.6	118.9
82.5°	92.7	92.7	90.9	92.7	90.9	89.2	87.4	85.7	85.7	82.2	82.2
85°	55.9	57.7	54.2	55.9	55.9	54.2	50.7	50.7	50.7	49.0	49.0
87.5°	22.7	26.2	24.5	24.5	24.5	24.5	22.7	24.5	22.7	21.0	21.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8	1272.8
2.5°	1271.0	1272.8	1272.8	1272.8	1272.8	1271.0	1271.0	1271.0	1271.0	1271.0	1272.8
5°	1267.5	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3	1269.3
7.5°	1260.5	1260.5	1262.3	1262.3	1262.3	1262.3	1264.0	1262.3	1264.0	1262.3	1264.0
10°	1250.1	1251.8	1253.6	1253.6	1255.3	1253.6	1255.3	1255.3	1257.1	1257.1	1257.1
12.5°	1237.8	1239.6	1239.6	1243.1	1243.1	1243.1	1244.8	1244.8	1246.6	1248.3	1248.3
15°	1220.3	1222.1	1223.8	1223.8	1227.3	1230.8	1230.8	1232.6	1234.3	1236.1	1236.1
17.5°	1199.4	1201.1	1202.9	1206.3	1209.8	1213.3	1215.1	1215.1	1218.6	1220.3	1220.3
20°	1174.9	1178.4	1181.9	1185.4	1187.1	1192.4	1194.1	1195.9	1199.4	1202.9	1202.9
22.5°	1148.7	1150.4	1155.6	1159.1	1162.6	1167.9	1169.6	1174.9	1178.4	1180.1	1181.9
25°	1117.2	1120.7	1125.9	1129.4	1132.9	1139.9	1145.2	1148.7	1153.9	1157.4	1157.4
27.5°	1082.2	1087.5	1092.7	1096.2	1101.4	1110.2	1115.4	1118.9	1125.9	1129.4	1131.2
30°	1047.3	1050.7	1057.7	1063.0	1068.2	1077.0	1084.0	1089.2	1096.2	1099.7	1101.4
32.5°	1008.8	1014.0	1021.0	1026.3	1033.3	1042.0	1049.0	1054.2	1064.7	1066.5	1068.2
35°	968.6	973.8	979.1	987.8	994.8	1003.5	1012.3	1019.3	1024.5	1031.5	1033.3
37.5°	926.6	931.9	938.9	945.8	952.8	963.3	972.1	977.3	986.1	991.3	994.8
40°	882.9	888.2	896.9	905.6	910.9	921.4	930.1	937.1	949.3	952.8	952.8
42.5°	835.7	842.7	847.9	858.4	863.7	875.9	884.7	895.1	902.1	907.4	909.1
45°	790.2	795.5	806.0	813.0	818.2	830.5	839.2	847.9	856.7	860.2	863.7
47.5°	741.3	748.3	757.0	760.5	769.3	781.5	790.2	799.0	809.5	813.0	814.7
50°	694.1	699.3	704.6	711.6	718.6	730.8	741.3	750.0	758.8	762.3	764.0
52.5°	645.1	650.4	655.6	664.4	667.9	680.1	685.3	694.1	706.3	709.8	711.6
55°	594.4	601.4	608.4	613.7	617.2	627.7	634.6	645.1	652.1	655.6	659.1
57.5°	543.7	549.0	556.0	563.0	564.7	575.2	583.9	589.2	597.9	601.4	604.9
60°	494.8	500.0	505.3	507.0	512.3	522.8	531.5	535.0	543.7	547.2	549.0
62.5°	442.3	444.1	451.1	456.3	456.3	470.3	475.5	482.5	489.5	491.3	494.8
65°	393.4	396.9	396.9	400.4	405.6	414.4	417.9	426.6	431.8	433.6	435.3
67.5°	344.4	347.9	351.4	354.9	354.9	363.7	365.4	372.4	377.6	379.4	381.1
70°	297.2	297.2	302.5	306.0	304.2	311.2	314.7	318.2	325.2	326.9	328.7
72.5°	251.8	250.0	253.5	257.0	260.5	262.2	265.7	267.5	272.7	276.2	278.0
75°	206.3	208.1	208.1	209.8	208.1	209.8	215.0	220.3	223.8	225.5	229.0
77.5°	160.8	162.6	162.6	164.3	166.1	166.1	167.8	174.8	178.3	180.1	178.3
80°	118.9	120.6	120.6	122.4	124.1	125.9	125.9	129.4	134.6	136.4	136.4
82.5°	83.9	83.9	83.9	83.9	85.7	85.7	87.4	90.9	94.4	94.4	97.9
85°	50.7	50.7	49.0	50.7	49.0	50.7	52.4	55.9	57.7	57.7	59.4
87.5°	22.7	21.0	22.7	22.7	21.0	21.0	21.0	22.7	22.7	24.5	24.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1272.8	1272.8	1272.8	1272.8
2.5°	1272.8	1272.8	1272.8	1272.8
5°	1269.3	1269.3	1269.3	1269.3
7.5°	1264.0	1264.0	1264.0	1264.0
10°	1257.1	1258.8	1258.8	1258.8
12.5°	1248.3	1248.3	1250.1	1250.1
15°	1237.8	1237.8	1237.8	1239.6
17.5°	1222.1	1223.8	1223.8	1223.8
20°	1204.6	1206.3	1206.3	1204.6
22.5°	1181.9	1183.6	1185.4	1185.4
25°	1159.1	1162.6	1164.4	1164.4
27.5°	1132.9	1136.4	1138.2	1138.2
30°	1104.9	1108.4	1108.4	1108.4
32.5°	1071.7	1077.0	1078.7	1078.7
35°	1036.8	1043.8	1045.5	1045.5
37.5°	1000.0	1003.5	1008.8	1008.8
40°	959.8	963.3	968.6	968.6
42.5°	916.1	923.1	923.1	926.6
45°	868.9	875.9	877.7	881.2
47.5°	821.7	828.7	830.5	832.2
50°	771.0	776.3	781.5	781.5
52.5°	720.3	723.8	727.3	730.8
55°	666.1	671.4	673.1	676.6
57.5°	610.2	617.2	618.9	622.4
60°	556.0	561.2	564.7	566.5
62.5°	501.8	505.3	507.0	510.5
65°	442.3	447.6	447.6	451.1
67.5°	388.1	391.6	393.4	395.1
70°	330.4	337.4	339.2	342.7
72.5°	279.7	286.7	286.7	290.2
75°	234.3	236.0	236.0	239.5
77.5°	185.3	187.1	188.8	190.6
80°	139.9	141.6	141.6	145.1
82.5°	99.7	99.7	99.7	101.4
85°	61.2	59.4	57.7	59.4
87.5°	24.5	24.5	26.2	22.7
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571933

CATALOG NUMBER: 22ID-35-L835-SWR

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	16.19	17.82	16.55	18.13	18.45	15.07	16.70	15.44	17.02	17.33
	3H	17.94	19.41	18.32	19.74	20.10	16.69	18.16	17.07	18.49	18.85
	4H	18.60	19.98	19.00	20.33	20.71	17.28	18.67	17.68	19.02	19.39
	6H	19.09	20.38	19.50	20.74	21.13	17.72	19.00	18.13	19.37	19.76
	8H	19.25	20.48	19.67	20.86	21.26	17.85	19.08	18.27	19.46	19.86
	12H	19.35	20.52	19.78	20.90	21.33	17.93	19.11	18.36	19.49	19.92
4H	2H	16.67	18.06	17.07	18.41	18.78	15.77	17.16	16.17	17.51	17.88
	3H	18.65	19.81	19.06	20.21	20.61	17.60	18.76	18.01	19.16	19.56
	4H	19.45	20.50	19.88	20.91	21.34	18.31	19.35	18.74	19.77	20.20
	6H	20.08	20.99	20.53	21.43	21.89	18.85	19.77	19.30	20.21	20.66
	8H	20.29	21.15	20.75	21.59	22.06	19.02	19.88	19.48	20.32	20.79
	12H	20.44	21.21	20.92	21.68	22.15	19.14	19.91	19.62	20.38	20.85
8H	4H	19.68	20.54	20.14	20.98	21.45	18.65	19.51	19.11	19.95	20.42
	6H	20.42	21.14	20.92	21.63	22.10	19.30	20.02	19.80	20.51	20.98
	8H	20.71	21.35	21.22	21.86	22.34	19.54	20.18	20.05	20.69	21.17
	12H	20.93	21.50	21.44	21.99	22.55	19.72	20.28	20.22	20.77	21.33
12H	4H	19.70	20.47	20.18	20.95	21.41	18.70	19.47	19.18	19.94	20.41
	6H	20.46	21.10	20.97	21.61	22.09	19.37	20.01	19.88	20.52	21.00
	8H	20.80	21.36	21.30	21.85	22.41	19.66	20.22	20.17	20.72	21.28

END OF REPORT