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: P1427955

Luminaire Tested: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method:	LM-79-2019
Report Number:	P1427955
	REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	CORELITE
Catalog Number:	SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4
Description:	CORELITE SQ2W WALL MOUNTED LED LUMINAIRE DOWNLIGHT - PERCEIVE HEX LENS UPLIGHT - ASYMMETRIC ROLL LENS DOWNLIGHT 1000 LUMENS PER FOOT UPLIGHT 1250 LUMENS PER FOOT
Light Source:	3500K CCT, 90 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9416.2 lumens
Efficiency:	N/A
Efficacy:	115.4 lumens/watt
Spacing Criteria (0/90/45):	1.19 / 1.02 / 1.23
Luminous Opening:	Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type:	General Diffuse

Input Watts (W):	81.6
Input Voltage (V):	120
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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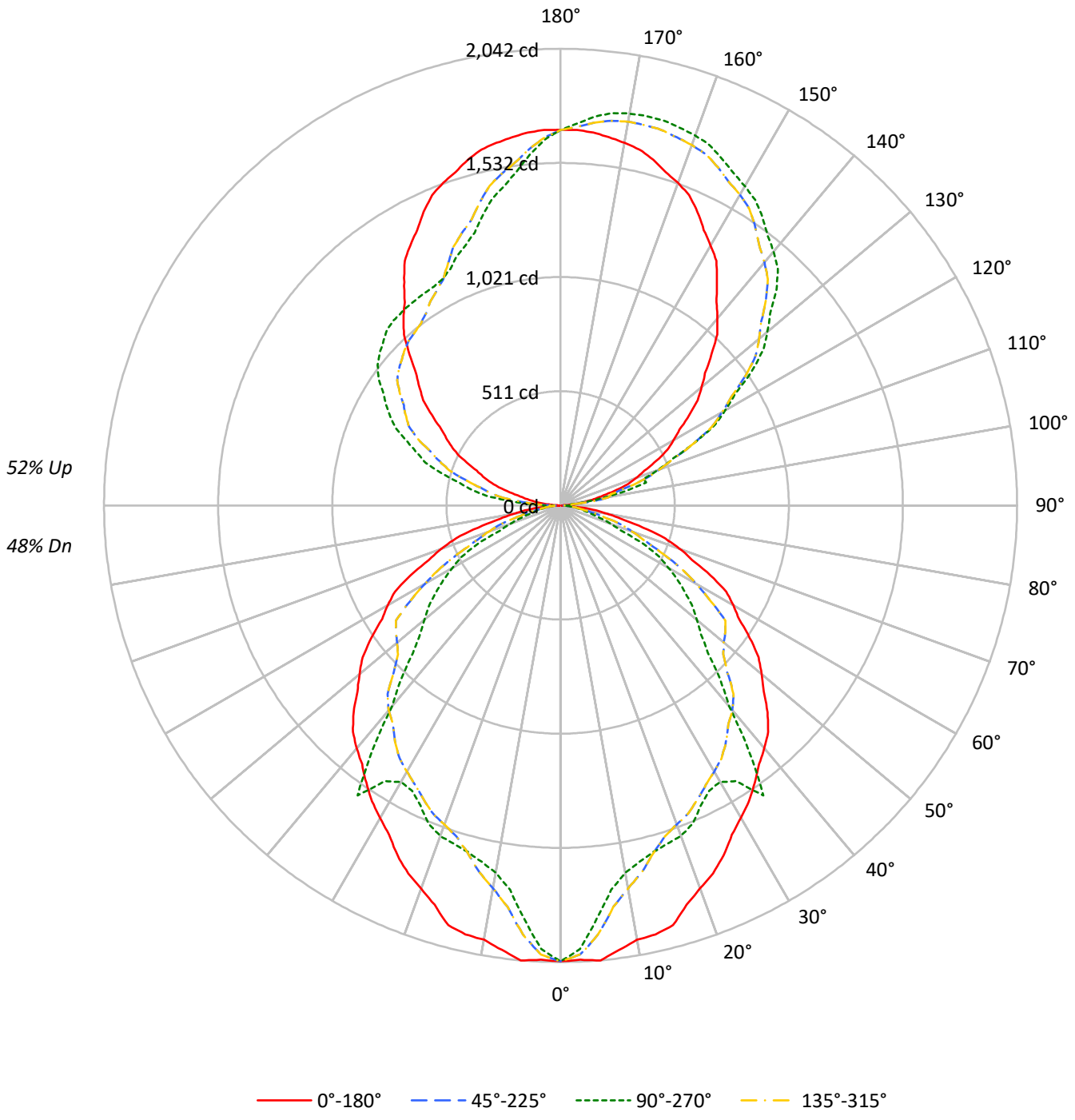
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	82	76	71	82	75	70	66	64	60	56	53	50	48	43	41	39	34
3	81	72	65	59	74	66	60	55	56	51	48	47	43	40	38	35	33	29
4	74	64	56	50	68	59	52	47	50	45	41	42	38	35	34	31	29	25
5	68	57	49	43	63	53	45	40	45	39	35	37	33	30	31	28	25	22
6	63	51	43	37	58	47	40	35	40	35	31	34	30	26	28	25	22	19
7	58	46	38	32	53	43	36	31	36	31	27	31	26	23	25	22	20	17
8	54	42	34	29	50	39	32	27	33	28	24	28	24	21	23	20	18	15
9	50	38	31	26	46	35	29	24	30	25	21	26	22	19	21	18	16	14
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	14	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	32913	32913	32913	32913
5°	33102	30084	33102	30084
10°	32338	27346	32338	27346
15°	32484	26811	32484	26811
20°	31326	27027	31326	27027
25°	30752	26398	30752	26398
30°	30085	26613	30085	26613
35°	29857	31195	29857	31195
40°	29882	24731	29882	24731
45°	29893	21301	29893	21301
50°	29473	19974	29473	19974
55°	29100	19164	29100	19164
60°	28810	17976	28810	17976
65°	28305	15633	28305	15633
70°	26738	11169	26738	11169
75°	23836	8471	23836	8471
80°	19479	7931	19479	7931
85°	12208	5391	12208	5391

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 29893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.4	1.9
10°-20°	471.8	5.0
20°-30°	691.7	7.3
30°-40°	837.6	8.9
40°-50°	823.6	8.7
50°-60°	716.4	7.6
60°-70°	498.3	5.3
70°-80°	236.3	2.5
80°-90°	59.0	0.6
90°-100°	133.6	1.4
100°-110°	389.6	4.1
110°-120°	635.9	6.8
120°-130°	806.9	8.6
130°-140°	863.4	9.2
140°-150°	806.2	8.6
150°-160°	663.4	7.0
160°-170°	444.9	4.7
170°-180°	158.0	1.7
0°-30°	1342.9	14.3
0°-40°	2180.5	23.2
0°-60°	3720.6	39.5
0°-90°	4514.2	47.9
90°-120°	1159.2	12.3
90°-150°	3635.7	38.6
90°-180°	4902.0	52.1
0°-180°	9416.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2038	2038	2038	2038	2038	
5°	2042	1856	2042	1856	2042	192
15°	1943	1604	1943	1604	1943	542
25°	1726	1482	1726	1482	1726	794
35°	1515	1583	1515	1583	1515	949
45°	1309	933	1309	933	1309	1006
55°	1034	681	1034	681	1034	924
65°	741	409	741	409	741	728
75°	382	136	382	136	382	405
85°	66	29	66	29	66	88
90°	5	37	5	73	5	6
95°	53	39	53	229	53	63
105°	248	397	248	546	248	263
115°	475	658	475	811	475	468
125°	702	1043	702	994	702	628
135°	955	1365	955	1101	955	738
145°	1219	1574	1219	1124	1219	763
155°	1448	1709	1448	1167	1448	666
165°	1601	1782	1601	1343	1601	451
175°	1674	1745	1674	1575	1674	159
180°	1679	1679	1679	1679	1679	

TEST NUMBER: P1427955
CATALOG NUMBER: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5
2.5°	2033.8	2043.5	2053.1	2039.5	2018.1	2003.3	1995.0	1988.5	1987.1	1985.7	1987.1
5°	2042.4	2041.5	2040.6	2000.3	1946.9	1906.8	1880.1	1859.6	1857.9	1856.2	1857.9
7.5°	2005.1	1978.4	1951.7	1897.5	1834.3	1787.9	1758.4	1736.0	1734.6	1733.2	1734.6
10°	1972.5	1932.0	1891.5	1830.3	1762.2	1714.8	1688.1	1668.0	1668.0	1668.0	1668.0
12.5°	1964.8	1900.8	1836.9	1769.8	1701.7	1657.7	1637.9	1624.1	1628.2	1632.3	1628.2
15°	1943.4	1846.9	1750.3	1682.2	1623.6	1591.7	1586.6	1585.1	1594.5	1604.0	1594.5
17.5°	1872.8	1768.9	1664.9	1605.1	1559.9	1542.8	1553.9	1564.9	1575.9	1587.0	1575.9
20°	1823.2	1720.6	1618.0	1562.6	1523.0	1513.5	1534.2	1552.3	1562.6	1573.0	1562.6
22.5°	1781.3	1677.3	1573.4	1524.4	1493.7	1489.7	1512.5	1530.9	1536.4	1542.0	1536.4
25°	1726.2	1609.0	1491.7	1456.0	1447.3	1452.9	1472.8	1487.0	1484.4	1481.8	1484.4
27.5°	1660.3	1537.9	1415.5	1392.5	1402.7	1413.8	1425.8	1435.3	1436.8	1438.4	1436.8
30°	1613.7	1491.3	1368.9	1350.6	1367.0	1381.2	1393.3	1405.1	1416.3	1427.5	1416.3
32.5°	1568.7	1442.2	1315.6	1302.5	1327.1	1353.8	1382.4	1410.3	1436.0	1461.7	1436.0
35°	1514.8	1382.9	1251.0	1240.7	1270.8	1309.6	1357.0	1413.7	1498.2	1582.7	1498.2
37.5°	1458.2	1316.8	1175.4	1170.7	1211.6	1252.4	1293.3	1330.7	1357.6	1384.5	1357.6
40°	1417.8	1269.6	1121.3	1121.1	1170.2	1221.1	1273.6	1297.6	1235.5	1173.4	1235.5
42.5°	1374.4	1226.1	1077.8	1073.5	1117.1	1173.1	1241.6	1266.7	1161.9	1057.1	1161.9
45°	1309.2	1154.9	1000.6	995.0	1039.0	1070.0	1088.1	1082.9	1007.9	932.9	1007.9
47.5°	1232.4	1085.3	938.3	937.1	984.5	987.9	947.4	909.7	880.4	851.1	880.4
50°	1173.4	1034.7	895.9	901.9	956.2	951.0	886.4	833.2	814.2	795.2	814.2
52.5°	1116.0	984.1	852.2	868.3	933.6	923.3	837.2	769.5	756.8	744.0	756.8
55°	1033.8	907.1	780.4	816.6	907.1	893.3	775.2	686.0	683.4	680.8	683.4
57.5°	946.5	826.7	706.9	732.0	805.4	791.0	688.5	612.9	617.3	621.8	617.3
60°	892.2	775.8	659.5	662.7	705.8	692.0	621.3	567.0	561.8	556.7	561.8
62.5°	834.8	723.9	613.1	597.0	612.5	596.3	548.4	511.1	506.0	500.8	506.0
65°	740.9	640.1	539.2	508.8	501.9	478.6	439.0	409.2	409.2	409.2	409.2
67.5°	637.7	549.8	461.9	427.9	411.8	388.7	358.6	330.8	310.1	289.4	310.1
70°	566.4	488.8	411.2	375.6	354.1	326.5	292.9	264.2	250.4	236.6	250.4
72.5°	490.3	423.8	357.2	320.8	294.4	267.5	240.1	215.6	199.7	183.9	199.7
75°	382.1	328.6	275.2	239.9	210.6	183.4	158.4	139.2	137.5	135.8	137.5
77.5°	276.2	237.2	198.3	169.6	144.5	125.6	113.0	103.6	103.8	104.0	103.8
80°	209.5	180.2	150.9	124.1	98.3	84.9	84.0	83.6	84.5	85.3	84.5
82.5°	147.4	125.7	104.0	86.9	71.4	64.2	65.4	66.4	66.5	66.7	66.5
85°	65.9	55.6	45.3	41.4	39.7	37.1	33.6	30.8	30.0	29.1	30.0
87.5°	15.0	15.6	16.7	16.3	15.2	14.5	14.5	14.9	15.2	15.2	15.2
90°	5.1	11.9	20.3	27.1	32.2	33.9	33.9	35.6	37.3	37.3	37.3
92.5°	18.7	29.5	29.8	29.8	36.3	39.3	42.1	42.4	44.1	44.1	44.1
95°	52.6	57.7	86.5	84.8	57.7	45.8	39.0	39.0	39.0	39.0	39.0
97.5°	100.4	107.9	112.6	150.9	159.4	154.0	125.5	105.5	94.3	89.2	94.3
100°	142.4	145.8	156.0	157.7	200.1	240.8	220.5	195.0	186.5	181.5	186.5
102.5°	184.5	186.5	202.1	209.3	219.1	242.2	312.7	304.9	299.1	298.1	299.1
105°	247.6	249.3	278.1	291.7	298.5	298.5	296.8	330.7	385.0	396.8	385.0
107.5°	315.1	322.9	356.8	393.1	400.9	402.9	394.1	389.0	387.0	388.3	387.0
110°	361.2	373.1	413.8	459.6	471.4	474.8	471.4	466.3	463.0	463.0	463.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	406.0	423.3	*469.4*	522.0	542.0	552.2	544.7	541.0	537.6	540.3	537.6
115°	474.8	500.3	*561.3*	615.6	656.3	661.4	659.7	659.7	658.0	658.0	658.0
117.5°	538.6	579.3	*647.8*	710.9	758.0	771.6	778.4	776.3	774.3	777.7	774.3
120°	583.4	630.8	*708.9*	780.1	825.9	846.2	853.0	849.6	853.0	849.6	853.0
122.5°	630.8	689.2	*765.8*	839.8	893.7	916.8	924.9	925.6	926.3	924.2	926.3
125°	702.1	773.3	*863.2*	939.5	995.4	1022.6	1029.4	1031.1	1034.4	1042.9	1034.4
127.5°	774.0	854.7	*953.4*	1027.0	1084.3	1117.2	1127.7	1131.4	1138.6	1142.3	1138.6
130°	824.2	915.7	*1015.8*	1085.3	1141.3	1176.9	1195.6	1200.6	1209.1	1207.4	1209.1
132.5°	877.1	972.7	*1074.1*	1146.4	1198.3	1236.6	1252.5	1267.1	1270.2	1272.5	1270.2
135°	954.7	1058.2	*1159.9*	1231.2	1280.3	1317.7	1338.0	1351.6	1360.0	1365.1	1360.0
137.5°	1036.5	1145.7	*1243.4*	1306.8	1356.3	1388.5	1411.6	1425.8	1434.7	1438.7	1434.7
140°	1092.1	1197.2	*1292.2*	1358.3	1402.4	1434.7	1455.0	1472.0	1482.1	1482.1	1482.1
142.5°	1145.0	1248.8	*1341.1*	1407.2	1445.9	1475.4	1497.1	1510.0	1521.5	1521.5	1521.5
145°	1219.3	1322.7	*1407.5*	1473.7	1505.9	1533.0	1556.8	1566.9	1573.7	1573.7	1573.7
147.5°	1297.0	1388.5	*1465.9*	1529.3	1556.4	1588.3	1607.0	1615.1	1623.6	1619.8	1623.6
150°	1343.1	1427.9	*1502.5*	1561.8	1589.0	1619.5	1638.2	1644.9	1653.4	1648.3	1653.4
152.5°	1387.9	1468.6	*1536.4*	1591.7	1614.8	1645.3	1666.6	1673.4	1679.2	1675.5	1679.2
155°	1448.2	1519.5	*1582.2*	1633.1	1653.4	1682.3	1702.6	1711.1	1717.9	1709.4	1717.9
157.5°	1502.2	1563.5	*1618.1*	1665.0	1686.7	1711.4	1730.4	1740.9	1747.7	1744.0	1747.7
160°	1534.7	1590.7	*1639.9*	1683.9	1704.3	1726.3	1746.7	1758.6	1765.3	1760.3	1765.3
162.5°	1561.8	1612.4	*1658.8*	1698.9	1716.5	1735.8	1760.3	1770.8	1777.6	1771.1	1777.6
165°	1600.9	1641.6	*1682.3*	1716.2	1731.4	1746.7	1772.1	1784.0	1789.1	1782.3	1789.1
167.5°	1630.4	1661.6	*1694.5*	1723.6	1734.8	1749.7	1775.2	1785.0	1791.5	1783.0	1791.5
170°	1646.6	1673.8	*1702.6*	1726.3	1734.8	1748.4	1773.8	1782.3	1787.4	1778.9	1787.4
172.5°	1660.2	1680.6	*1704.0*	1725.0	1729.4	1740.2	1764.3	1772.8	1776.5	1769.4	1776.5
175°	1673.8	1685.6	*1702.6*	1716.2	1714.5	1721.3	1741.6	1748.4	1755.2	1745.0	1755.2
177.5°	1680.2	1685.6	*1691.1*	1699.2	1693.8	1693.8	1708.7	1712.8	1714.1	1708.7	1714.1
180°	1678.9	1678.9	*1678.9*	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9

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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5
2.5°	*1988.5*	*1995.0*	*2003.3*	*2018.1*	*2039.5*	*2053.1*	*2043.5*	*2033.8*	*2043.5*	*2053.1*	*2039.5*
5°	1859.6	1880.1	1906.8	1946.9	2000.3	2040.6	2041.5	2042.4	2041.5	2040.6	2000.3
7.5°	1736.0	1758.4	1787.9	1834.3	1897.5	1951.7	1978.4	2005.1	1978.4	1951.7	1897.5
10°	1668.0	1688.1	1714.8	1762.2	1830.3	1891.5	1932.0	1972.5	1932.0	1891.5	1830.3
12.5°	1624.1	1637.9	1657.7	1701.7	1769.8	1836.9	1900.8	1964.8	1900.8	1836.9	1769.8
15°	1585.1	1586.6	1591.7	1623.6	1682.2	1750.3	1846.9	1943.4	1846.9	1750.3	1682.2
17.5°	1564.9	1553.9	1542.8	1559.9	1605.1	1664.9	1768.9	1872.8	1768.9	1664.9	1605.1
20°	1552.3	1534.2	1513.5	1523.0	1562.6	1618.0	1720.6	1823.2	1720.6	1618.0	1562.6
22.5°	1530.9	1512.5	1489.7	1493.7	1524.4	1573.4	1677.3	1781.3	1677.3	1573.4	1524.4
25°	1487.0	1472.8	1452.9	1447.3	1456.0	1491.7	1609.0	1726.2	1609.0	1491.7	1456.0
27.5°	1435.3	1425.8	1413.8	1402.7	1392.5	1415.5	1537.9	1660.3	1537.9	1415.5	1392.5
30°	1405.1	1393.3	1381.2	1367.0	1350.6	1368.9	1491.3	1613.7	1491.3	1368.9	1350.6
32.5°	1410.3	1382.4	1353.8	1327.1	1302.5	1315.6	1442.2	1568.7	1442.2	1315.6	1302.5
35°	1413.7	1357.0	1309.6	1270.8	1240.7	1251.0	1382.9	1514.8	1382.9	1251.0	1240.7
37.5°	1330.7	1293.3	1252.4	1211.6	1170.7	1175.4	1316.8	1458.2	1316.8	1175.4	1170.7
40°	1297.6	1273.6	1221.1	1170.2	1121.1	1121.3	1269.6	1417.8	1269.6	1121.3	1121.1
42.5°	1266.7	1241.6	1173.1	1117.1	1073.5	1077.8	1226.1	1374.4	1226.1	1077.8	1073.5
45°	1082.9	1088.1	1070.0	1039.0	995.0	1000.6	1154.9	1309.2	1154.9	1000.6	995.0
47.5°	909.7	947.4	987.9	984.5	937.1	938.3	1085.3	1232.4	1085.3	938.3	937.1
50°	833.2	886.4	951.0	956.2	901.9	895.9	1034.7	1173.4	1034.7	895.9	901.9
52.5°	769.5	837.2	923.3	933.6	868.3	852.2	984.1	1116.0	984.1	852.2	868.3
55°	686.0	775.2	893.3	907.1	816.6	780.4	907.1	1033.8	907.1	780.4	816.6
57.5°	612.9	688.5	791.0	805.4	732.0	706.9	826.7	946.5	826.7	706.9	732.0
60°	567.0	621.3	692.0	705.8	662.7	659.5	775.8	892.2	775.8	659.5	662.7
62.5°	511.1	548.4	596.3	612.5	597.0	613.1	723.9	834.8	723.9	613.1	597.0
65°	409.2	439.0	478.6	501.9	508.8	539.2	640.1	740.9	640.1	539.2	508.8
67.5°	330.8	358.6	388.7	411.8	427.9	461.9	549.8	637.7	549.8	461.9	427.9
70°	264.2	292.9	326.5	354.1	375.6	411.2	488.8	566.4	488.8	411.2	375.6
72.5°	215.6	240.1	267.5	294.4	320.8	357.2	423.8	490.3	423.8	357.2	320.8
75°	139.2	158.4	183.4	210.6	239.9	275.2	328.6	382.1	328.6	275.2	239.9
77.5°	103.6	113.0	125.6	144.5	169.6	198.3	237.2	276.2	237.2	198.3	169.6
80°	83.6	84.0	84.9	98.3	124.1	150.9	180.2	209.5	180.2	150.9	124.1
82.5°	66.4	65.4	64.2	71.4	86.9	104.0	125.7	147.4	125.7	104.0	86.9
85°	30.8	33.6	37.1	39.7	41.4	45.3	55.6	65.9	55.6	45.3	41.4
87.5°	14.9	14.5	14.5	15.2	16.3	16.7	15.6	15.0	15.6	16.3	17.0
90°	35.6	33.9	33.9	32.2	27.1	20.3	11.9	5.1	11.9	18.7	30.5
92.5°	42.4	42.1	39.3	36.3	29.8	29.8	29.5	18.7	32.2	45.8	65.8
95°	39.0	39.0	45.8	57.7	84.8	86.5	57.7	52.6	74.6	105.1	132.3
97.5°	105.5	125.5	154.0	159.4	150.9	112.6	107.9	100.4	136.7	166.9	210.6
100°	195.0	220.5	240.8	200.1	157.7	156.0	145.8	142.4	181.5	210.3	252.7
102.5°	304.9	312.7	242.2	219.1	209.3	202.1	186.5	184.5	223.5	263.2	298.8
105°	330.7	296.8	298.5	298.5	291.7	278.1	249.3	247.6	291.7	337.5	381.6
107.5°	389.0	394.1	402.9	400.9	393.1	356.8	322.9	315.1	354.8	409.7	458.2
110°	466.3	471.4	474.8	471.4	459.6	413.8	373.1	361.2	396.8	454.5	507.0

TEST NUMBER: P1427955
CATALOG NUMBER: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	541.0	544.7	552.2	542.0	522.0	469.4	423.3	406.0	441.6	500.6	554.5
115°	659.7	659.7	661.4	656.3	615.6	561.3	500.3	474.8	505.4	559.6	619.0
117.5°	776.3	778.4	771.6	758.0	710.9	647.8	579.3	538.6	562.7	620.0	681.0
120°	849.6	853.0	846.2	825.9	780.1	708.9	630.8	583.4	602.0	658.0	719.0
122.5°	925.6	924.9	916.8	893.7	839.8	765.8	689.2	630.8	638.6	690.5	750.2
125°	1031.1	1029.4	1022.6	995.4	939.5	863.2	773.3	702.1	691.9	736.0	797.0
127.5°	1131.4	1127.7	1117.2	1084.3	1027.0	953.4	854.7	774.0	751.2	779.1	835.0
130°	1200.6	1195.6	1176.9	1141.3	1085.3	1015.8	915.7	824.2	791.9	808.9	858.1
132.5°	1267.1	1252.5	1236.6	1198.3	1146.4	1074.1	972.7	877.1	832.6	840.1	878.4
135°	1351.6	1338.0	1317.7	1280.3	1231.2	1159.9	1058.2	954.7	893.7	886.9	909.0
137.5°	1425.8	1411.6	1388.5	1356.3	1306.8	1243.4	1145.7	1036.5	959.5	936.8	945.2
140°	1472.0	1455.0	1434.7	1402.4	1358.3	1292.2	1197.2	1092.1	1005.6	973.4	968.3
142.5°	1510.0	1497.1	1475.4	1445.9	1407.2	1341.1	1248.8	1145.0	1053.1	1011.4	999.5
145°	1566.9	1556.8	1533.0	1505.9	1473.7	1407.5	1322.7	1219.3	1127.7	1073.5	1048.0
147.5°	1615.1	1607.0	1588.3	1556.4	1529.3	1465.9	1388.5	1297.0	1203.0	1135.9	1103.0
150°	1644.9	1638.2	1619.5	1589.0	1561.8	1502.5	1427.9	1343.1	1253.2	1182.0	1139.6
152.5°	1673.4	1666.6	1645.3	1614.8	1591.7	1536.4	1468.6	1387.9	1296.6	1225.4	1181.6
155°	1711.1	1702.6	1682.3	1653.4	1633.1	1582.2	1519.5	1448.2	1370.2	1295.6	1246.4
157.5°	1740.9	1730.4	1711.4	1686.7	1665.0	1618.1	1563.5	1502.2	1434.0	1362.8	1312.6
160°	1758.6	1746.7	1726.3	1704.3	1683.9	1639.9	1590.7	1534.7	1472.0	1407.5	1353.3
162.5°	1770.8	1760.3	1735.8	1716.5	1698.9	1658.8	1612.4	1561.8	1505.9	1449.6	1399.4
165°	1784.0	1772.1	1746.7	1731.4	1716.2	1682.3	1641.6	1600.9	1553.4	1507.6	1466.9
167.5°	1785.0	1775.2	1749.7	1734.8	1723.6	1694.5	1661.6	1630.4	1593.4	1557.4	1523.5
170°	1782.3	1773.8	1748.4	1734.8	1726.3	1702.6	1673.8	1646.6	1617.8	1587.3	1560.2
172.5°	1772.8	1764.3	1740.2	1729.4	1725.0	1704.0	1680.6	1660.2	1635.4	1613.1	1591.4
175°	1748.4	1741.6	1721.3	1714.5	1716.2	1702.6	1685.6	1673.8	1658.5	1644.9	1633.1
177.5°	1712.8	1708.7	1693.8	1693.8	1699.2	1691.1	1685.6	1680.2	1673.4	1669.4	1665.3
180°	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9

TEST NUMBER: P1427955
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CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5	2038.5
2.5°	*2018.1*	*2003.3*	*1995.0*	*1988.5*	*1987.1*	*1985.7*	*1987.1*	*1988.5*	*1995.0*	*2003.3*	*2018.1*
5°	1946.9	1906.8	1880.1	1859.6	1857.9	1856.2	1857.9	1859.6	1880.1	1906.8	1946.9
7.5°	1834.3	1787.9	1758.4	1736.0	1734.6	1733.2	1734.6	1736.0	1758.4	1787.9	1834.3
10°	1762.2	1714.8	1688.1	1668.0	1668.0	1668.0	1668.0	1668.0	1688.1	1714.8	1762.2
12.5°	1701.7	1657.7	1637.9	1624.1	1628.2	1632.3	1628.2	1624.1	1637.9	1657.7	1701.7
15°	1623.6	1591.7	1586.6	1585.1	1594.5	1604.0	1594.5	1585.1	1586.6	1591.7	1623.6
17.5°	1559.9	1542.8	1553.9	1564.9	1575.9	1587.0	1575.9	1564.9	1553.9	1542.8	1559.9
20°	1523.0	1513.5	1534.2	1552.3	1562.6	1573.0	1562.6	1552.3	1534.2	1513.5	1523.0
22.5°	1493.7	1489.7	1512.5	1530.9	1536.4	1542.0	1536.4	1530.9	1512.5	1489.7	1493.7
25°	1447.3	1452.9	1472.8	1487.0	1484.4	1481.8	1484.4	1487.0	1472.8	1452.9	1447.3
27.5°	1402.7	1413.8	1425.8	1435.3	1436.8	1438.4	1436.8	1435.3	1425.8	1413.8	1402.7
30°	1367.0	1381.2	1393.3	1405.1	1416.3	1427.5	1416.3	1405.1	1393.3	1381.2	1367.0
32.5°	1327.1	1353.8	1382.4	1410.3	1436.0	1461.7	1436.0	1410.3	1382.4	1353.8	1327.1
35°	1270.8	1309.6	1357.0	1413.7	1498.2	1582.7	1498.2	1413.7	1357.0	1309.6	1270.8
37.5°	1211.6	1252.4	1293.3	1330.7	1357.6	1384.5	1357.6	1330.7	1293.3	1252.4	1211.6
40°	1170.2	1221.1	1273.6	1297.6	1235.5	1173.4	1235.5	1297.6	1273.6	1221.1	1170.2
42.5°	1117.1	1173.1	1241.6	1266.7	1161.9	1057.1	1161.9	1266.7	1241.6	1173.1	1117.1
45°	1039.0	1070.0	1088.1	1082.9	1007.9	932.9	1007.9	1082.9	1088.1	1070.0	1039.0
47.5°	984.5	987.9	947.4	909.7	880.4	851.1	880.4	909.7	947.4	987.9	984.5
50°	956.2	951.0	886.4	833.2	814.2	795.2	814.2	833.2	886.4	951.0	956.2
52.5°	933.6	923.3	837.2	769.5	756.8	744.0	756.8	769.5	837.2	923.3	933.6
55°	907.1	893.3	775.2	686.0	683.4	680.8	683.4	686.0	775.2	893.3	907.1
57.5°	805.4	791.0	688.5	612.9	617.3	621.8	617.3	612.9	688.5	791.0	805.4
60°	705.8	692.0	621.3	567.0	561.8	556.7	561.8	567.0	621.3	692.0	705.8
62.5°	612.5	596.3	548.4	511.1	506.0	500.8	506.0	511.1	548.4	596.3	612.5
65°	501.9	478.6	439.0	409.2	409.2	409.2	409.2	409.2	439.0	478.6	501.9
67.5°	411.8	388.7	358.6	330.8	310.1	289.4	310.1	330.8	358.6	388.7	411.8
70°	354.1	326.5	292.9	264.2	250.4	236.6	250.4	264.2	292.9	326.5	354.1
72.5°	294.4	267.5	240.1	215.6	199.7	183.9	199.7	215.6	240.1	267.5	294.4
75°	210.6	183.4	158.4	139.2	137.5	135.8	137.5	139.2	158.4	183.4	210.6
77.5°	144.5	125.6	113.0	103.6	103.8	104.0	103.8	103.6	113.0	125.6	144.5
80°	98.3	84.9	84.0	83.6	84.5	85.3	84.5	83.6	84.0	84.9	98.3
82.5°	71.4	64.2	65.4	66.4	66.5	66.7	66.5	66.4	65.4	64.2	71.4
85°	39.7	37.1	33.6	30.8	30.0	29.1	30.0	30.8	33.6	37.1	39.7
87.5°	16.6	17.9	20.3	21.7	23.0	22.3	23.0	21.7	20.3	17.9	16.6
90°	39.0	50.9	62.7	69.5	76.3	72.9	76.3	69.5	62.7	50.9	39.0
92.5°	78.3	98.4	112.9	125.2	130.6	129.9	130.6	125.2	112.9	98.4	78.3
95°	157.7	181.5	205.2	222.2	232.3	228.9	232.3	222.2	205.2	181.5	157.7
97.5°	243.2	275.1	301.5	317.5	327.6	334.4	327.6	317.5	301.5	275.1	243.2
100°	300.2	330.7	361.2	379.9	396.8	403.6	396.8	379.9	361.2	330.7	300.2
102.5°	346.3	386.3	419.5	439.6	453.8	460.6	453.8	439.6	419.5	386.3	346.3
105°	422.3	464.7	500.3	525.7	541.0	546.1	541.0	525.7	500.3	464.7	422.3
107.5°	498.2	542.0	574.9	603.0	621.7	632.5	621.7	603.0	574.9	542.0	498.2
110°	557.9	593.5	629.1	654.6	673.2	680.0	673.2	654.6	629.1	593.5	557.9

TEST NUMBER: P1427955
CATALOG NUMBER: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	608.1	647.8	683.4	708.9	730.2	739.7	730.2	708.9	683.4	647.8	608.1
115°	678.3	730.9	763.1	786.9	802.1	810.6	802.1	786.9	763.1	730.9	678.3
117.5°	736.7	791.6	826.9	845.2	852.3	858.4	852.3	845.2	826.9	791.6	736.7
120°	773.3	824.2	864.9	888.6	897.1	900.5	897.1	888.6	864.9	824.2	773.3
122.5°	807.2	855.4	894.7	923.9	937.8	941.2	937.8	923.9	894.7	855.4	807.2
125°	854.7	900.5	941.2	970.0	985.3	993.7	985.3	970.0	941.2	900.5	854.7
127.5°	896.1	945.6	982.9	1009.0	1023.9	1030.7	1023.9	1009.0	982.9	945.6	896.1
130°	919.1	970.0	1007.3	1036.1	1049.7	1056.5	1049.7	1036.1	1007.3	970.0	919.1
132.5°	936.8	990.4	1029.0	1055.1	1070.1	1076.8	1070.1	1055.1	1029.0	990.4	936.8
135°	958.1	1014.1	1054.8	1080.2	1093.8	1100.6	1093.8	1080.2	1054.8	1014.1	958.1
137.5°	976.8	1027.7	1070.1	1096.9	1109.1	1113.5	1109.1	1096.9	1070.1	1027.7	976.8
140°	990.4	1034.4	1076.8	1102.3	1115.8	1117.5	1115.8	1102.3	1076.8	1034.4	990.4
142.5°	1008.0	1042.6	1079.6	1105.0	1118.6	1121.6	1118.6	1105.0	1079.6	1042.6	1008.0
145°	1039.5	1059.9	1085.3	1109.1	1120.9	1124.3	1120.9	1109.1	1085.3	1059.9	1039.5
147.5°	1079.2	1085.7	1098.9	1114.5	1126.0	1128.4	1126.0	1114.5	1098.9	1085.7	1079.2
150°	1109.1	1107.4	1112.5	1122.6	1132.8	1131.1	1132.8	1122.6	1112.5	1107.4	1109.1
152.5°	1143.0	1133.1	1132.8	1137.6	1142.3	1142.0	1142.3	1137.6	1132.8	1133.1	1143.0
155°	1200.6	1182.0	1171.8	1168.4	1168.4	1166.7	1168.4	1168.4	1171.8	1182.0	1200.6
157.5°	1264.1	1237.9	1222.7	1214.5	1212.2	1208.4	1212.2	1214.5	1222.7	1237.9	1264.1
160°	1307.5	1278.6	1263.4	1249.8	1244.7	1239.6	1244.7	1249.8	1263.4	1278.6	1307.5
162.5°	1348.2	1320.7	1304.1	1291.9	1286.8	1279.0	1286.8	1291.9	1304.1	1320.7	1348.2
165°	1414.3	1385.5	1366.8	1356.7	1349.9	1343.1	1349.9	1356.7	1366.8	1385.5	1414.3
167.5°	1480.4	1448.9	1436.7	1425.2	1418.7	1406.5	1418.7	1425.2	1436.7	1448.9	1480.4
170°	1521.1	1492.3	1485.5	1475.4	1463.5	1449.9	1463.5	1475.4	1485.5	1492.3	1521.1
172.5°	1556.4	1537.1	1530.3	1520.1	1516.4	1505.5	1516.4	1520.1	1530.3	1537.1	1556.4
175°	1607.6	1592.4	1592.4	1590.7	1585.6	1575.4	1585.6	1590.7	1592.4	1592.4	1607.6
177.5°	1650.4	1642.2	1647.7	1647.7	1646.3	1636.8	1646.3	1647.7	1647.7	1642.2	1650.4
180°	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9

TEST NUMBER: P1427955
CATALOG NUMBER: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	2038.5	2038.5	2038.5	2038.5
2.5°	*2039.5*	*2053.1*	*2043.5*	*2033.8*
5°	2000.3	2040.6	2041.5	2042.4
7.5°	1897.5	1951.7	1978.4	2005.1
10°	1830.3	1891.5	1932.0	1972.5
12.5°	1769.8	1836.9	1900.8	1964.8
15°	1682.2	1750.3	1846.9	1943.4
17.5°	1605.1	1664.9	1768.9	1872.8
20°	1562.6	1618.0	1720.6	1823.2
22.5°	1524.4	1573.4	1677.3	1781.3
25°	1456.0	1491.7	1609.0	1726.2
27.5°	1392.5	1415.5	1537.9	1660.3
30°	1350.6	1368.9	1491.3	1613.7
32.5°	1302.5	1315.6	1442.2	1568.7
35°	1240.7	1251.0	1382.9	1514.8
37.5°	1170.7	1175.4	1316.8	1458.2
40°	1121.1	1121.3	1269.6	1417.8
42.5°	1073.5	1077.8	1226.1	1374.4
45°	995.0	1000.6	1154.9	1309.2
47.5°	937.1	938.3	1085.3	1232.4
50°	901.9	895.9	1034.7	1173.4
52.5°	868.3	852.2	984.1	1116.0
55°	816.6	780.4	907.1	1033.8
57.5°	732.0	706.9	826.7	946.5
60°	662.7	659.5	775.8	892.2
62.5°	597.0	613.1	723.9	834.8
65°	508.8	539.2	640.1	740.9
67.5°	427.9	461.9	549.8	637.7
70°	375.6	411.2	488.8	566.4
72.5°	320.8	357.2	423.8	490.3
75°	239.9	275.2	328.6	382.1
77.5°	169.6	198.3	237.2	276.2
80°	124.1	150.9	180.2	209.5
82.5°	86.9	104.0	125.7	147.4
85°	41.4	45.3	55.6	65.9
87.5°	17.0	16.3	15.6	15.0
90°	30.5	18.7	11.9	5.1
92.5°	65.8	45.8	32.2	18.7
95°	132.3	105.1	74.6	52.6
97.5°	210.6	166.9	136.7	100.4
100°	252.7	210.3	181.5	142.4
102.5°	298.8	263.2	223.5	184.5
105°	381.6	337.5	291.7	247.6
107.5°	458.2	409.7	354.8	315.1
110°	507.0	454.5	396.8	361.2

TEST NUMBER: P1427955
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CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	554.5	500.6	441.6	406.0
115°	619.0	559.6	505.4	474.8
117.5°	681.0	620.0	562.7	538.6
120°	719.0	658.0	602.0	583.4
122.5°	750.2	690.5	638.6	630.8
125°	797.0	736.0	691.9	702.1
127.5°	835.0	779.1	751.2	774.0
130°	858.1	808.9	791.9	824.2
132.5°	878.4	840.1	832.6	877.1
135°	909.0	886.9	893.7	954.7
137.5°	945.2	936.8	959.5	1036.5
140°	968.3	973.4	1005.6	1092.1
142.5°	999.5	1011.4	1053.1	1145.0
145°	1048.0	1073.5	1127.7	1219.3
147.5°	1103.0	1135.9	1203.0	1297.0
150°	1139.6	1182.0	1253.2	1343.1
152.5°	1181.6	1225.4	1296.6	1387.9
155°	1246.4	1295.6	1370.2	1448.2
157.5°	1312.6	1362.8	1434.0	1502.2
160°	1353.3	1407.5	1472.0	1534.7
162.5°	1399.4	1449.6	1505.9	1561.8
165°	1466.9	1507.6	1553.4	1600.9
167.5°	1523.5	1557.4	1593.4	1630.4
170°	1560.2	1587.3	1617.8	1646.6
172.5°	1591.4	1613.1	1635.4	1660.2
175°	1633.1	1644.9	1658.5	1673.8
177.5°	1665.3	1669.4	1673.4	1680.2
180°	1678.9	1678.9	1678.9	1678.9

TEST NUMBER: P1427955
CATALOG NUMBER: SQ2W-PH1-K-125U-100D-L935-UNV-STD-W-WM-4

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	18.82	19.66	19.80	20.65	21.95	17.65	18.48	18.62	19.47	20.77
	3H	20.99	21.74	21.98	22.74	24.06	18.70	19.45	19.68	20.44	21.77
	4H	21.80	22.51	22.81	23.51	24.85	18.94	19.65	19.94	20.65	21.98
	6H	22.27	22.92	23.28	23.93	25.27	19.08	19.73	20.09	20.74	22.08
	8H	22.42	23.04	23.44	24.07	25.40	19.14	19.76	20.15	20.78	22.12
	12H	22.48	23.07	23.50	24.09	25.45	19.15	19.74	20.17	20.75	22.12
4H	2H	19.25	19.96	20.26	20.96	22.29	18.33	19.04	19.34	20.04	21.37
	3H	21.50	22.09	22.52	23.12	24.47	19.56	20.15	20.57	21.18	22.52
	4H	22.37	22.91	23.40	23.93	25.30	19.85	20.39	20.87	21.41	22.78
	6H	22.93	23.39	23.97	24.44	25.80	20.04	20.51	21.08	21.55	22.92
	8H	23.13	23.57	24.17	24.60	25.98	20.13	20.57	21.17	21.60	22.98
	12H	23.22	23.61	24.27	24.66	26.04	20.16	20.55	21.21	21.60	22.98
8H	4H	22.39	22.83	23.43	23.86	25.24	20.07	20.51	21.11	21.54	22.92
	6H	23.02	23.38	24.08	24.46	25.84	20.34	20.70	21.40	21.78	23.15
	8H	23.28	23.60	24.35	24.66	26.06	20.49	20.80	21.55	21.87	23.26
	12H	23.42	23.69	24.49	24.75	26.19	20.55	20.83	21.62	21.89	23.32
12H	4H	22.34	22.73	23.40	23.79	25.17	20.07	20.46	21.12	21.51	22.90
	6H	23.00	23.31	24.07	24.38	25.77	20.38	20.69	21.44	21.75	23.15
	8H	23.27	23.54	24.34	24.60	26.04	20.54	20.81	21.61	21.87	23.31

END OF REPORT