

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: P1428129

Luminaire Tested: SQ2W-PP3-K-125U-125D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428129
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-7)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PP3-K-125U-125D-L935-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

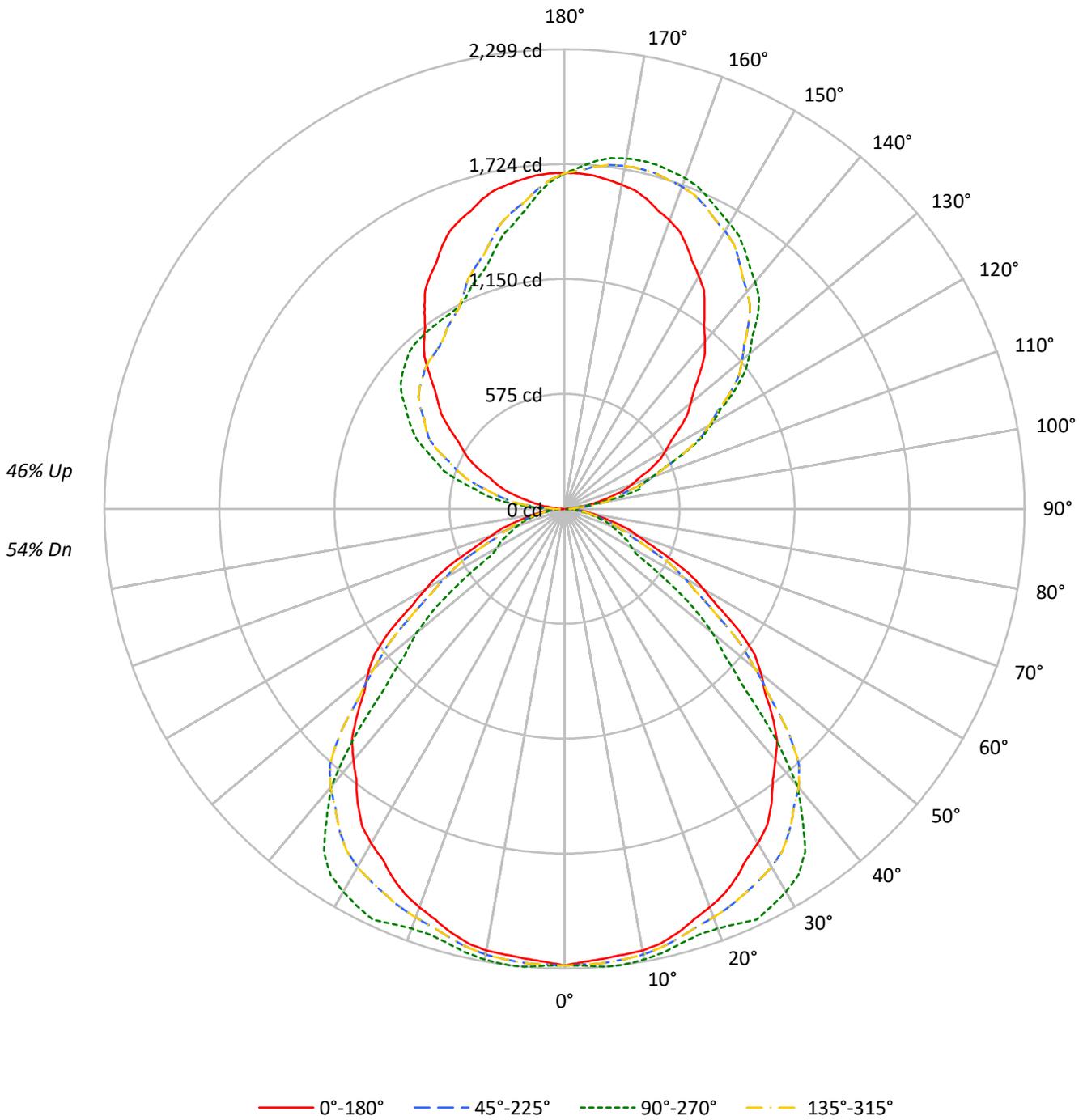
Lumens per Lamp: N/A
Luminaire Lumens: 10662.7 lumens
Efficiency: N/A
Efficacy: 114.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 93.2
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	
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	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60	54	54	54	54	
1	99	95	91	88	92	88	85	82	76	74	72	64	63	61	54	53	52	47	47	47	47	
2	91	84	78	73	84	78	73	69	67	63	60	57	54	52	48	46	44	40	40	40	40	
3	83	74	67	61	77	69	63	58	60	55	51	51	47	45	43	40	38	34	34	34	34	
4	76	66	58	52	71	61	55	49	53	48	44	46	42	39	39	36	33	30	30	30	30	
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29	26	26	26	26	
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	28	26	23	23	23	23	
7	60	48	40	34	56	45	38	33	39	34	30	34	30	26	29	26	23	21	21	21	21	
8	56	43	36	31	52	41	34	29	36	30	26	31	27	23	27	23	21	18	18	18	18	
9	52	40	32	27	48	37	31	26	33	27	24	29	24	21	25	21	19	17	17	17	17	
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	23	19	17	15	15	15	15	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	36886	36886	36886	36886
5°	36598	37262	36598	37262
10°	36783	37535	36783	37535
15°	36695	37622	36695	37622
20°	36432	38382	36432	38382
25°	36226	40398	36226	40398
30°	36019	41243	36019	41243
35°	35510	41318	35510	41318
40°	34561	38176	34561	38176
45°	33528	29060	33528	29060
50°	32211	24204	32211	24204
55°	29979	17404	29979	17404
60°	25814	12477	25814	12477
65°	21776	12271	21776	12271
70°	18127	11745	18127	11745
75°	15365	10998	15365	10998
80°	13026	9884	13026	9884
85°	10281	5372	10281	5372

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 36677 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.5	2.0
10°-20°	629.6	5.9
20°-30°	986.4	9.3
30°-40°	1216.8	11.4
40°-50°	1145.5	10.7
50°-60°	811.1	7.6
60°-70°	462.2	4.3
70°-80°	228.8	2.1
80°-90°	62.9	0.6
90°-100°	133.6	1.3
100°-110°	389.6	3.7
110°-120°	635.9	6.0
120°-130°	806.9	7.6
130°-140°	863.4	8.1
140°-150°	806.2	7.6
150°-160°	663.4	6.2
160°-170°	444.9	4.2
170°-180°	158.0	1.5
0°-30°	1833.5	17.2
0°-40°	3050.3	28.6
0°-60°	5006.9	47.0
0°-90°	5760.7	54.0
90°-120°	1159.2	10.9
90°-150°	3635.7	34.1
90°-180°	4902.0	46.0
0°-180°	10662.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2285	2285	2285	2285	2285	
5°	2258	2299	2258	2299	2258	215
15°	2195	2251	2195	2251	2195	619
25°	2034	2268	2034	2268	2034	937
35°	1802	2096	1802	2096	1802	1124
45°	1468	1273	1468	1273	1468	1130
55°	1065	618	1065	618	1065	940
65°	570	321	570	321	570	572
75°	246	176	246	176	246	267
85°	56	29	56	29	56	65
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	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6
2.5°	2267.3	2281.9	2296.4	2293.0	2283.6	2279.7	2281.4	2283.1	2284.9	2286.6	2284.9
5°	2258.1	2276.3	2294.6	2291.9	2282.2	2278.5	2280.6	2284.1	2291.6	2299.1	2291.6
7.5°	2249.4	2268.1	2286.7	2284.3	2274.9	2272.0	2275.6	2280.7	2289.9	2299.1	2289.9
10°	2243.6	2259.7	2275.8	2273.4	2264.8	2263.2	2268.5	2274.4	2282.0	2289.5	2282.0
12.5°	2226.2	2241.4	2256.7	2254.7	2247.0	2246.6	2253.7	2260.7	2267.4	2274.0	2267.4
15°	2195.3	2209.2	2223.2	2223.5	2219.2	2221.9	2231.5	2240.1	2245.5	2250.8	2245.5
17.5°	2153.3	2170.2	2187.2	2191.1	2190.7	2197.3	2211.1	2222.8	2228.3	2233.9	2228.3
20°	2120.4	2140.8	2161.2	2167.9	2170.1	2179.7	2196.9	2212.5	2223.2	2233.9	2223.2
22.5°	2085.6	2109.5	2133.3	2142.2	2146.0	2160.8	2186.6	2210.5	2229.0	2247.5	2229.0
25°	2033.5	2057.1	2080.7	2097.9	2112.9	2139.2	2176.8	2211.9	2239.8	2267.7	2239.8
27.5°	1972.6	1996.0	2019.4	2048.9	2080.5	2117.4	2159.7	2196.9	2219.1	2241.2	2219.1
30°	1932.0	1954.6	1977.1	2010.9	2048.5	2089.3	2133.3	2171.4	2191.8	2212.2	2191.8
32.5°	1881.8	1905.2	1928.6	1964.6	2004.7	2048.5	2095.9	2136.2	2154.9	2173.5	2154.9
35°	1801.6	1824.2	1846.7	1888.6	1936.9	1985.7	2035.1	2074.8	2085.5	2096.3	2085.5
37.5°	1709.4	1734.9	1760.5	1807.4	1861.5	1902.4	1930.1	1951.0	1951.7	1952.3	1951.7
40°	1639.8	1673.1	1706.4	1753.3	1804.9	1833.3	1838.7	1839.2	1825.2	1811.3	1825.2
42.5°	1572.2	1614.9	1657.6	1695.4	1731.4	1738.8	1717.6	1686.1	1624.1	1562.1	1624.1
45°	1468.4	1518.8	1569.2	1592.3	1606.3	1559.1	1450.6	1358.6	1315.7	1272.7	1315.7
47.5°	1357.7	1407.5	1457.4	1451.0	1425.8	1354.4	1236.5	1140.7	1111.1	1081.5	1111.1
50°	1282.4	1329.6	1376.8	1342.8	1281.6	1201.1	1101.3	1019.4	991.5	963.6	991.5
52.5°	1197.4	1239.5	1281.5	1230.1	1147.4	1062.6	975.7	899.8	857.3	814.8	857.3
55°	1065.0	1094.0	1123.0	1066.6	981.9	888.5	786.5	699.8	659.0	618.3	659.0
57.5°	905.6	926.0	946.4	902.1	836.2	743.4	623.6	522.3	476.6	430.8	476.6
60°	799.4	815.5	831.6	791.3	732.3	643.7	525.7	431.5	408.9	386.4	408.9
62.5°	702.8	717.2	731.5	689.6	628.8	549.7	452.3	377.2	369.2	361.3	369.2
65°	570.0	583.9	597.9	553.9	490.5	428.8	368.7	323.3	322.3	321.2	322.3
67.5°	453.5	468.8	484.0	442.6	382.3	336.7	305.7	282.2	281.0	279.7	281.0
70°	384.0	400.1	416.2	377.6	320.7	283.6	266.5	253.0	250.9	248.8	250.9
72.5°	326.0	341.3	356.5	322.8	272.8	242.2	231.0	222.3	221.1	219.8	221.1
75°	246.3	258.1	269.9	245.5	209.0	188.1	182.7	178.4	177.4	176.3	177.4
77.5°	178.7	186.2	193.7	177.7	153.9	140.6	137.8	135.5	134.4	133.3	134.4
80°	140.1	143.3	146.5	135.2	119.1	110.6	109.5	108.4	107.3	106.3	107.3
82.5°	105.3	104.2	103.1	96.6	88.2	83.5	82.4	81.1	79.2	77.3	79.2
85°	55.5	53.4	51.3	49.1	47.0	43.7	39.4	35.4	32.2	29.0	32.2
87.5°	18.4	19.8	21.5	19.6	16.3	14.1	13.2	12.9	13.3	13.3	13.3
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°	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6
2.5°	2283.1	2281.4	2279.7	2283.6	2293.0	2296.4	2281.9	2267.3	2281.9	2296.4	2293.0
5°	2284.1	2280.6	2278.5	2282.2	2291.9	2294.6	2276.3	2258.1	2276.3	2294.6	2291.9
7.5°	2280.7	2275.6	2272.0	2274.9	2284.3	2286.7	2268.1	2249.4	2268.1	2286.7	2284.3
10°	2274.4	2268.5	2263.2	2264.8	2273.4	2275.8	2259.7	2243.6	2259.7	2275.8	2273.4
12.5°	2260.7	2253.7	2246.6	2247.0	2254.7	2256.7	2241.4	2226.2	2241.4	2256.7	2254.7
15°	2240.1	2231.5	2221.9	2219.2	2223.5	2223.2	2209.2	2195.3	2209.2	2223.2	2223.5
17.5°	2222.8	2211.1	2197.3	2190.7	2191.1	2187.2	2170.2	2153.3	2170.2	2187.2	2191.1
20°	2212.5	2196.9	2179.7	2170.1	2167.9	2161.2	2140.8	2120.4	2140.8	2161.2	2167.9
22.5°	2210.5	2186.6	2160.8	2146.0	2142.2	2133.3	2109.5	2085.6	2109.5	2133.3	2142.2
25°	2211.9	2176.8	2139.2	2112.9	2097.9	2080.7	2057.1	2033.5	2057.1	2080.7	2097.9
27.5°	2196.9	2159.7	2117.4	2080.5	2048.9	2019.4	1996.0	1972.6	1996.0	2019.4	2048.9
30°	2171.4	2133.3	2089.3	2048.5	2010.9	1977.1	1954.6	1932.0	1954.6	1977.1	2010.9
32.5°	2136.2	2095.9	2048.5	2004.7	1964.6	1928.6	1905.2	1881.8	1905.2	1928.6	1964.6
35°	2074.8	2035.1	1985.7	1936.9	1888.6	1846.7	1824.2	1801.6	1824.2	1846.7	1888.6
37.5°	1951.0	1930.1	1902.4	1861.5	1807.4	1760.5	1734.9	1709.4	1734.9	1760.5	1807.4
40°	1839.2	1838.7	1833.3	1804.9	1753.3	1706.4	1673.1	1639.8	1673.1	1706.4	1753.3
42.5°	1686.1	1717.6	1738.8	1731.4	1695.4	1657.6	1614.9	1572.2	1614.9	1657.6	1695.4
45°	1358.6	1450.6	1559.1	1606.3	1592.3	1569.2	1518.8	1468.4	1518.8	1569.2	1592.3
47.5°	1140.7	1236.5	1354.4	1425.8	1451.0	1457.4	1407.5	1357.7	1407.5	1457.4	1451.0
50°	1019.4	1101.3	1201.1	1281.6	1342.8	1376.8	1329.6	1282.4	1329.6	1376.8	1342.8
52.5°	899.8	975.7	1062.6	1147.4	1230.1	1281.5	1239.5	1197.4	1239.5	1281.5	1230.1
55°	699.8	786.5	888.5	981.9	1066.6	1123.0	1094.0	1065.0	1094.0	1123.0	1066.6
57.5°	522.3	623.6	743.4	836.2	902.1	946.4	926.0	905.6	926.0	946.4	902.1
60°	431.5	525.7	643.7	732.3	791.3	831.6	815.5	799.4	815.5	831.6	791.3
62.5°	377.2	452.3	549.7	628.8	689.6	731.5	717.2	702.8	717.2	731.5	689.6
65°	323.3	368.7	428.8	490.5	553.9	597.9	583.9	570.0	583.9	597.9	553.9
67.5°	282.2	305.7	336.7	382.3	442.6	484.0	468.8	453.5	468.8	484.0	442.6
70°	253.0	266.5	283.6	320.7	377.6	416.2	400.1	384.0	400.1	416.2	377.6
72.5°	222.3	231.0	242.2	272.8	322.8	356.5	341.3	326.0	341.3	356.5	322.8
75°	178.4	182.7	188.1	209.0	245.5	269.9	258.1	246.3	258.1	269.9	245.5
77.5°	135.5	137.8	140.6	153.9	177.7	193.7	186.2	178.7	186.2	193.7	177.7
80°	108.4	109.5	110.6	119.1	135.2	146.5	143.3	140.1	143.3	146.5	135.2
82.5°	81.1	82.4	83.5	88.2	96.6	103.1	104.2	105.3	104.2	103.1	96.6
85°	35.4	39.4	43.7	47.0	49.1	51.3	53.4	55.5	53.4	51.3	49.1
87.5°	12.9	13.2	14.1	16.3	19.6	21.5	19.8	18.4	19.8	21.1	20.3
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: P1428129

CATALOG NUMBER: SQ2W-PP3-K-125U-125D-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: P1428129

CATALOG NUMBER: SQ2W-PP3-K-125U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6	2284.6
2.5°	2283.6	2279.7	2281.4	2283.1	2284.9	2286.6	2284.9	2283.1	2281.4	2279.7	2283.6
5°	2282.2	2278.5	2280.6	2284.1	2291.6	2299.1	2291.6	2284.1	2280.6	2278.5	2282.2
7.5°	2274.9	2272.0	2275.6	2280.7	2289.9	2299.1	2289.9	2280.7	2275.6	2272.0	2274.9
10°	2264.8	2263.2	2268.5	2274.4	2282.0	2289.5	2282.0	2274.4	2268.5	2263.2	2264.8
12.5°	2247.0	2246.6	2253.7	2260.7	2267.4	2274.0	2267.4	2260.7	2253.7	2246.6	2247.0
15°	2219.2	2221.9	2231.5	2240.1	2245.5	2250.8	2245.5	2240.1	2231.5	2221.9	2219.2
17.5°	2190.7	2197.3	2211.1	2222.8	2228.3	2233.9	2228.3	2222.8	2211.1	2197.3	2190.7
20°	2170.1	2179.7	2196.9	2212.5	2223.2	2233.9	2223.2	2212.5	2196.9	2179.7	2170.1
22.5°	2146.0	2160.8	2186.6	2210.5	2229.0	2247.5	2229.0	2210.5	2186.6	2160.8	2146.0
25°	2112.9	2139.2	2176.8	2211.9	2239.8	2267.7	2239.8	2211.9	2176.8	2139.2	2112.9
27.5°	2080.5	2117.4	2159.7	2196.9	2219.1	2241.2	2219.1	2196.9	2159.7	2117.4	2080.5
30°	2048.5	2089.3	2133.3	2171.4	2191.8	2212.2	2191.8	2171.4	2133.3	2089.3	2048.5
32.5°	2004.7	2048.5	2095.9	2136.2	2154.9	2173.5	2154.9	2136.2	2095.9	2048.5	2004.7
35°	1936.9	1985.7	2035.1	2074.8	2085.5	2096.3	2085.5	2074.8	2035.1	1985.7	1936.9
37.5°	1861.5	1902.4	1930.1	1951.0	1951.7	1952.3	1951.7	1951.0	1930.1	1902.4	1861.5
40°	1804.9	1833.3	1838.7	1839.2	1825.2	1811.3	1825.2	1839.2	1838.7	1833.3	1804.9
42.5°	1731.4	1738.8	1717.6	1686.1	1624.1	1562.1	1624.1	1686.1	1717.6	1738.8	1731.4
45°	1606.3	1559.1	1450.6	1358.6	1315.7	1272.7	1315.7	1358.6	1450.6	1559.1	1606.3
47.5°	1425.8	1354.4	1236.5	1140.7	1111.1	1081.5	1111.1	1140.7	1236.5	1354.4	1425.8
50°	1281.6	1201.1	1101.3	1019.4	991.5	963.6	991.5	1019.4	1101.3	1201.1	1281.6
52.5°	1147.4	1062.6	975.7	899.8	857.3	814.8	857.3	899.8	975.7	1062.6	1147.4
55°	981.9	888.5	786.5	699.8	659.0	618.3	659.0	699.8	786.5	888.5	981.9
57.5°	836.2	743.4	623.6	522.3	476.6	430.8	476.6	522.3	623.6	743.4	836.2
60°	732.3	643.7	525.7	431.5	408.9	386.4	408.9	431.5	525.7	643.7	732.3
62.5°	628.8	549.7	452.3	377.2	369.2	361.3	369.2	377.2	452.3	549.7	628.8
65°	490.5	428.8	368.7	323.3	322.3	321.2	322.3	323.3	368.7	428.8	490.5
67.5°	382.3	336.7	305.7	282.2	281.0	279.7	281.0	282.2	305.7	336.7	382.3
70°	320.7	283.6	266.5	253.0	250.9	248.8	250.9	253.0	266.5	283.6	320.7
72.5°	272.8	242.2	231.0	222.3	221.1	219.8	221.1	222.3	231.0	242.2	272.8
75°	209.0	188.1	182.7	178.4	177.4	176.3	177.4	178.4	182.7	188.1	209.0
77.5°	153.9	140.6	137.8	135.5	134.4	133.3	134.4	135.5	137.8	140.6	153.9
80°	119.1	110.6	109.5	108.4	107.3	106.3	107.3	108.4	109.5	110.6	119.1
82.5°	88.2	83.5	82.4	81.1	79.2	77.3	79.2	81.1	82.4	83.5	88.2
85°	47.0	43.7	39.4	35.4	32.2	29.0	32.2	35.4	39.4	43.7	47.0
87.5°	17.7	17.5	19.0	19.7	21.1	20.4	21.1	19.7	19.0	17.5	17.7
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: P1428129

CATALOG NUMBER: SQ2W-PP3-K-125U-125D-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: P1428129

CATALOG NUMBER: SQ2W-PP3-K-125U-125D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	2284.6	2284.6	2284.6	2284.6
2.5°	2293.0	2296.4	2281.9	2267.3
5°	2291.9	2294.6	2276.3	2258.1
7.5°	2284.3	2286.7	2268.1	2249.4
10°	2273.4	2275.8	2259.7	2243.6
12.5°	2254.7	2256.7	2241.4	2226.2
15°	2223.5	2223.2	2209.2	2195.3
17.5°	2191.1	2187.2	2170.2	2153.3
20°	2167.9	2161.2	2140.8	2120.4
22.5°	2142.2	2133.3	2109.5	2085.6
25°	2097.9	2080.7	2057.1	2033.5
27.5°	2048.9	2019.4	1996.0	1972.6
30°	2010.9	1977.1	1954.6	1932.0
32.5°	1964.6	1928.6	1905.2	1881.8
35°	1888.6	1846.7	1824.2	1801.6
37.5°	1807.4	1760.5	1734.9	1709.4
40°	1753.3	1706.4	1673.1	1639.8
42.5°	1695.4	1657.6	1614.9	1572.2
45°	1592.3	1569.2	1518.8	1468.4
47.5°	1451.0	1457.4	1407.5	1357.7
50°	1342.8	1376.8	1329.6	1282.4
52.5°	1230.1	1281.5	1239.5	1197.4
55°	1066.6	1123.0	1094.0	1065.0
57.5°	902.1	946.4	926.0	905.6
60°	791.3	831.6	815.5	799.4
62.5°	689.6	731.5	717.2	702.8
65°	553.9	597.9	583.9	570.0
67.5°	442.6	484.0	468.8	453.5
70°	377.6	416.2	400.1	384.0
72.5°	322.8	356.5	341.3	326.0
75°	245.5	269.9	258.1	246.3
77.5°	177.7	193.7	186.2	178.7
80°	135.2	146.5	143.3	140.1
82.5°	96.6	103.1	104.2	105.3
85°	49.1	51.3	53.4	55.5
87.5°	20.3	21.1	19.8	18.4
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: P1428129

CATALOG NUMBER: SQ2W-PP3-K-125U-125D-L935-UNV-STD-W-WM-4

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: P1428129
 CATALOG NUMBER: SQ2W-PP3-K-125U-125D-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	20.36	21.22	21.28	22.16	23.38	16.13	16.99	17.06	17.93	19.15
	3H	21.42	22.19	22.36	23.14	24.38	17.44	18.21	18.38	19.16	20.40
	4H	21.79	22.52	22.74	23.47	24.72	18.00	18.72	18.95	19.68	20.93
	6H	21.98	22.65	22.95	23.61	24.87	18.36	19.03	19.33	19.99	21.25
	8H	22.04	22.68	23.02	23.66	24.92	18.49	19.13	19.46	20.10	21.36
	12H	22.06	22.67	23.04	23.64	24.92	18.52	19.13	19.50	20.10	21.38
4H	2H	20.48	21.20	21.44	22.16	23.41	17.04	17.77	18.00	18.72	19.97
	3H	21.77	22.37	22.74	23.36	24.62	18.46	19.06	19.43	20.05	21.31
	4H	22.28	22.83	23.26	23.81	25.10	19.08	19.63	20.06	20.61	21.90
	6H	22.59	23.07	23.59	24.07	25.36	19.53	20.00	20.52	21.00	22.29
	8H	22.70	23.15	23.70	24.14	25.44	19.70	20.14	20.69	21.14	22.44
	12H	22.75	23.15	23.76	24.16	25.46	19.75	20.15	20.76	21.16	22.46
8H	4H	22.30	22.74	23.29	23.74	25.04	19.39	19.83	20.39	20.83	22.13
	6H	22.71	23.08	23.73	24.11	25.41	19.95	20.32	20.97	21.35	22.65
	8H	22.89	23.21	23.92	24.24	25.55	20.20	20.52	21.23	21.55	22.86
	12H	22.99	23.27	24.02	24.29	25.65	20.30	20.58	21.33	21.60	22.96
12H	4H	22.26	22.66	23.27	23.67	24.97	19.40	19.80	20.42	20.81	22.12
	6H	22.70	23.03	23.73	24.05	25.37	20.02	20.34	21.04	21.36	22.68
	8H	22.90	23.18	23.93	24.20	25.56	20.29	20.58	21.32	21.60	22.96