

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: P1428119

Luminaire Tested: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428119
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-100D-L830-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT 1250 LUMENS PER FOOT
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

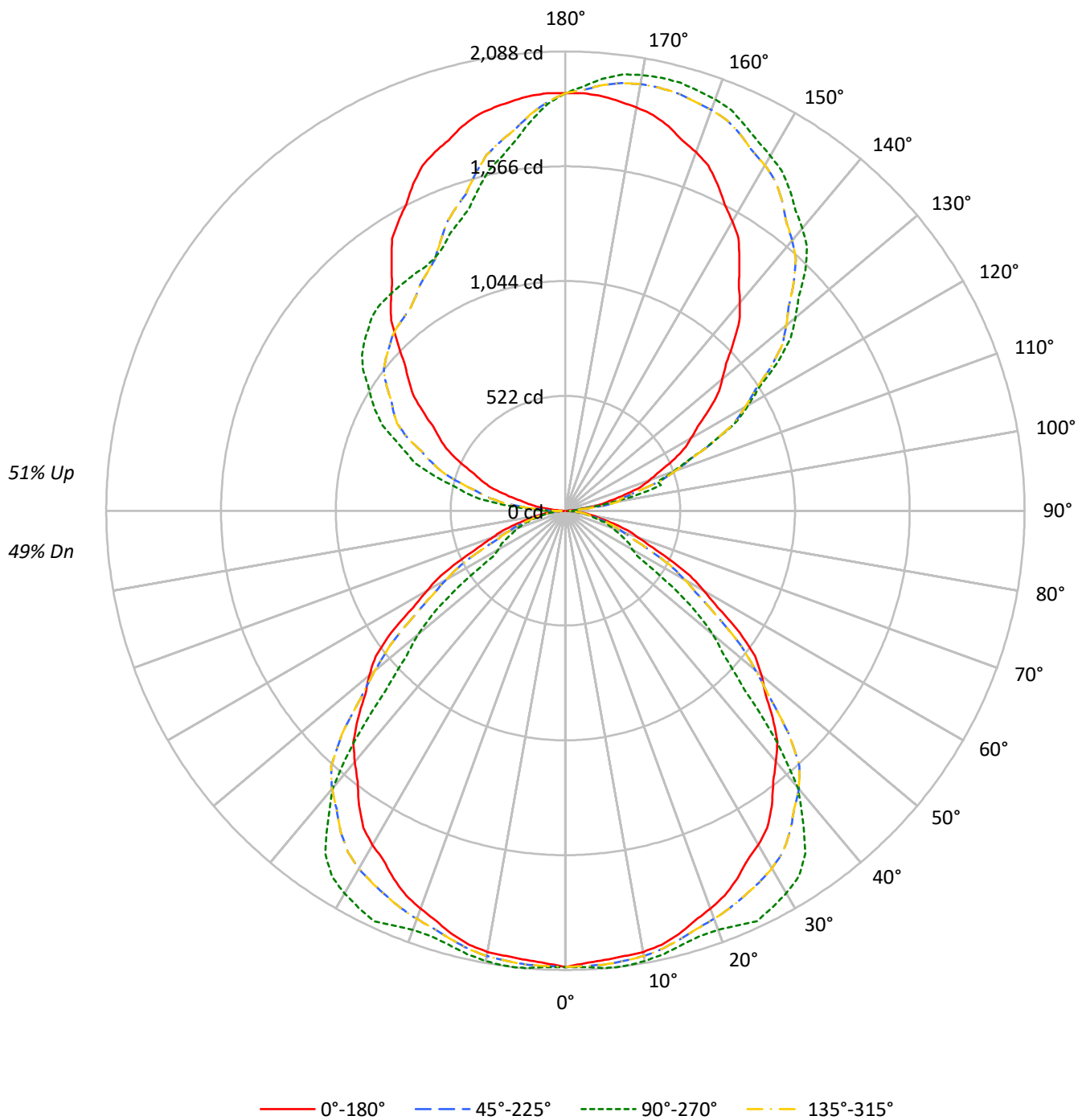
Lumens per Lamp: N/A
Luminaire Lumens: 10774.9 lumens
Efficiency: N/A
Efficacy: 132.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 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



TEST NUMBER: P1428119

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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	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55
1	98	94	90	87	90	87	84	81	73	71	69	61	59	58	49	48	47
2	90	83	77	72	82	76	71	67	65	61	58	54	51	49	44	42	41
3	82	73	66	60	75	68	61	56	57	53	49	48	45	42	39	37	35
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	35	33	30
5	69	58	50	44	64	54	47	42	46	41	36	39	35	32	32	29	27
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	23	21
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19
9	51	39	32	27	47	36	30	25	31	26	22	27	23	20	23	19	17
10	48	36	29	24	44	33	27	23	29	24	20	25	21	18	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	33494	33494	33494	33494
5°	33231	33836	33231	33836
10°	33401	34083	33401	34083
15°	33320	34162	33320	34162
20°	33082	34853	33082	34853
25°	32895	36684	32895	36684
30°	32708	37449	32708	37449
35°	32244	37518	32244	37518
40°	31383	34665	31383	34665
45°	30444	26388	30444	26388
50°	29250	21978	29250	21978
55°	27223	15803	27223	15803
60°	23440	11331	23440	11331
65°	19770	11144	19770	11144
70°	16461	10664	16461	10664
75°	13955	9987	13955	9987
80°	11827	8972	11827	8972
85°	9337	4872	9337	4872

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°

Vertical Angle: 45°

Luminance: 33305 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.5	1.8
10°-20°	571.7	5.3
20°-30°	895.7	8.3
30°-40°	1104.9	10.3
40°-50°	1040.2	9.7
50°-60°	736.5	6.8
60°-70°	419.7	3.9
70°-80°	207.7	1.9
80°-90°	58.6	0.5
90°-100°	151.1	1.4
100°-110°	440.5	4.1
110°-120°	719.0	6.7
120°-130°	912.3	8.5
130°-140°	976.2	9.1
140°-150°	911.5	8.5
150°-160°	750.1	7.0
160°-170°	503.1	4.7
170°-180°	178.6	1.7
0°-30°	1664.9	15.5
0°-40°	2769.8	25.7
0°-60°	4546.5	42.2
0°-90°	5232.5	48.6
90°-120°	1310.6	12.2
90°-150°	4110.6	38.2
90°-180°	5542.0	51.4
0°-180°	10774.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2074	2074	2074	2074	2074	
5°	2050	2088	2050	2088	2050	195
15°	1993	2044	1993	2044	1993	562
25°	1846	2059	1846	2059	1846	850
35°	1636	1904	1636	1904	1636	1020
45°	1333	1156	1333	1156	1333	1026
55°	967	561	967	561	967	853
65°	518	292	518	292	518	520
75°	224	160	224	160	224	242
85°	50	26	50	26	50	59
90°	6	42	6	82	6	7
95°	59	44	59	259	59	72
105°	280	449	280	617	280	298
115°	537	744	537	916	537	529
125°	794	1179	794	1124	794	710
135°	1080	1544	1080	1244	1080	834
145°	1379	1779	1379	1271	1379	863
155°	1637	1933	1637	1319	1637	753
165°	1810	2015	1810	1519	1810	510
175°	1892	1973	1892	1781	1892	180
180°	1898	1898	1898	1898	1898	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5
2.5°	2058.7	2072.0	2085.3	2082.1	2073.6	2070.1	2071.6	2073.2	2074.7	2076.3	2074.7
5°	2050.4	2067.0	2083.6	2081.1	2072.3	2068.9	2070.9	2074.0	2080.9	2087.7	2080.9
7.5°	2042.5	2059.5	2076.4	2074.2	2065.7	2063.0	2066.3	2070.9	2079.3	2087.7	2079.3
10°	2037.3	2051.9	2066.5	2064.3	2056.5	2055.0	2059.9	2065.3	2072.1	2078.9	2072.1
12.5°	2021.5	2035.3	2049.1	2047.3	2040.3	2040.0	2046.5	2052.8	2058.8	2064.9	2058.8
15°	1993.4	2006.1	2018.7	2019.0	2015.1	2017.5	2026.3	2034.1	2039.0	2043.8	2039.0
17.5°	1955.2	1970.6	1986.0	1989.6	1989.2	1995.2	2007.7	2018.3	2023.4	2028.5	2023.4
20°	1925.4	1943.9	1962.5	1968.5	1970.5	1979.3	1994.9	2009.0	2018.7	2028.5	2018.7
22.5°	1893.8	1915.5	1937.1	1945.2	1948.7	1962.1	1985.5	2007.2	2024.0	2040.8	2024.0
25°	1846.5	1867.9	1889.4	1904.9	1918.6	1942.5	1976.6	2008.5	2033.8	2059.2	2033.8
27.5°	1791.2	1812.5	1833.7	1860.5	1889.2	1922.7	1961.1	1994.9	2015.0	2035.1	2015.0
30°	1754.4	1774.8	1795.3	1826.0	1860.1	1897.1	1937.1	1971.7	1990.2	2008.7	1990.2
32.5°	1708.8	1730.0	1751.2	1783.9	1820.3	1860.1	1903.2	1939.7	1956.7	1973.7	1956.7
35°	1635.9	1656.4	1676.9	1714.9	1758.7	1803.1	1847.9	1884.0	1893.7	1903.5	1893.7
37.5°	1552.2	1575.4	1598.6	1641.2	1690.3	1727.5	1752.6	1771.6	1772.2	1772.8	1772.2
40°	1489.0	1519.2	1549.4	1592.1	1638.9	1664.7	1669.6	1670.1	1657.4	1644.7	1657.4
42.5°	1427.6	1466.4	1505.2	1539.5	1572.2	1578.9	1559.6	1531.1	1474.7	1418.4	1474.7
45°	1333.3	1379.1	1424.9	1445.9	1458.6	1415.7	1317.2	1233.7	1194.7	1155.7	1194.7
47.5°	1232.9	1278.1	1323.3	1317.5	1294.7	1229.8	1122.8	1035.8	1008.9	982.0	1008.9
50°	1164.5	1207.3	1250.2	1219.3	1163.7	1090.6	1000.0	925.7	900.3	875.0	900.3
52.5°	1087.3	1125.5	1163.7	1116.9	1041.9	964.9	886.0	817.1	778.5	739.9	778.5
55°	967.1	993.4	1019.7	968.6	891.6	806.8	714.2	635.5	598.4	561.4	598.4
57.5°	822.4	840.9	859.4	819.1	759.3	675.0	566.2	474.3	432.7	391.2	432.7
60°	725.9	740.5	755.1	718.6	665.0	584.5	477.3	391.8	371.3	350.9	371.3
62.5°	638.1	651.2	664.3	626.2	571.0	499.2	410.7	342.5	335.3	328.1	335.3
65°	517.5	530.2	542.9	502.9	445.4	389.4	334.8	293.6	292.6	291.7	292.6
67.5°	411.8	425.7	439.5	401.9	347.1	305.7	277.6	256.3	255.1	253.9	255.1
70°	348.7	363.3	377.9	342.8	291.2	257.6	242.0	229.8	227.8	225.9	227.8
72.5°	296.0	309.9	323.7	293.1	247.7	219.9	209.8	201.9	200.7	199.6	200.7
75°	223.7	234.4	245.1	223.0	189.8	170.8	165.9	162.0	161.1	160.1	161.1
77.5°	162.3	169.1	175.9	161.4	139.8	127.7	125.1	123.0	122.0	121.1	122.0
80°	127.2	130.1	133.0	122.8	108.2	100.4	99.4	98.4	97.5	96.5	97.5
82.5°	95.6	94.6	93.7	87.7	80.1	75.8	74.9	73.7	71.9	70.2	71.9
85°	50.4	48.5	46.5	44.6	42.6	39.7	35.8	32.2	29.2	26.3	29.2
87.5°	16.9	18.5	20.4	19.0	16.3	14.3	13.5	13.3	13.7	13.7	13.7
90°	5.8	13.4	23.0	30.7	36.4	38.3	38.3	40.3	42.2	42.2	42.2
92.5°	21.1	33.4	33.7	33.7	41.0	44.5	47.6	47.9	49.9	49.9	49.9
95°	59.4	65.2	97.8	95.9	65.2	51.8	44.1	44.1	44.1	44.1	44.1
97.5°	113.5	121.9	127.3	170.6	180.2	174.1	141.9	119.3	106.6	100.9	106.6
100°	161.1	164.9	176.4	178.3	226.2	272.3	249.3	220.5	210.9	205.2	210.9
102.5°	208.6	210.9	228.5	236.6	247.7	273.8	353.6	344.7	338.2	337.1	338.2
105°	279.9	281.9	314.4	329.8	337.5	337.5	335.5	373.9	435.2	448.7	435.2
107.5°	356.2	365.1	403.4	444.4	453.3	455.6	445.6	439.8	437.5	439.1	437.5
110°	408.4	421.8	467.8	519.6	533.0	536.9	533.0	527.3	523.4	523.4	523.4

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CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	459.0	478.6	530.7	590.2	612.8	624.3	615.9	611.6	607.8	610.9	607.8
115°	536.9	565.6	634.6	696.0	742.0	747.8	745.9	745.9	743.9	743.9	743.9
117.5°	609.0	655.0	732.4	803.8	857.1	872.4	880.1	877.8	875.5	879.3	875.5
120°	659.6	713.3	801.5	882.0	933.8	956.8	964.4	960.6	964.4	960.6	964.4
122.5°	713.3	779.2	865.9	949.5	1010.5	1036.5	1045.7	1046.5	1047.3	1045.0	1047.3
125°	793.8	874.3	975.9	1062.2	1125.5	1156.2	1163.8	1165.8	1169.6	1179.2	1169.6
127.5°	875.1	966.4	1077.9	1161.2	1226.0	1263.2	1275.0	1279.3	1287.3	1291.5	1287.3
130°	931.8	1035.4	1148.5	1227.1	1290.4	1330.7	1351.7	1357.5	1367.1	1365.2	1367.1
132.5°	991.7	1099.8	1214.5	1296.1	1354.8	1398.1	1416.2	1432.7	1436.1	1438.8	1436.1
135°	1079.5	1196.4	1311.5	1392.0	1447.6	1489.8	1512.8	1528.1	1537.7	1543.5	1537.7
137.5°	1171.9	1295.4	1405.8	1477.5	1533.5	1569.9	1596.0	1612.1	1622.1	1626.7	1622.1
140°	1234.8	1353.7	1461.0	1535.8	1585.7	1622.1	1645.1	1664.3	1675.8	1675.8	1675.8
142.5°	1294.6	1411.9	1516.3	1591.0	1634.7	1668.1	1692.6	1707.2	1720.3	1720.3	1720.3
145°	1378.6	1495.5	1591.4	1666.2	1702.6	1733.3	1760.1	1771.6	1779.3	1779.3	1779.3
147.5°	1466.4	1569.9	1657.4	1729.1	1759.8	1795.8	1816.9	1826.1	1835.7	1831.5	1835.7
150°	1518.6	1614.4	1698.8	1765.9	1796.6	1831.1	1852.2	1859.8	1869.4	1863.7	1869.4
152.5°	1569.2	1660.4	1737.1	1799.6	1825.7	1860.2	1884.4	1892.1	1898.6	1894.4	1898.6
155°	1637.4	1718.0	1788.9	1846.4	1869.4	1902.0	1925.0	1934.6	1942.3	1932.7	1942.3
157.5°	1698.4	1767.8	1829.5	1882.5	1907.0	1935.0	1956.5	1968.4	1976.0	1971.8	1976.0
160°	1735.2	1798.5	1854.1	1903.9	1927.0	1951.9	1974.9	1988.3	1996.0	1990.2	1996.0
162.5°	1765.9	1823.0	1875.6	1920.8	1940.8	1962.6	1990.2	2002.1	2009.8	2002.5	2009.8
165°	1810.0	1856.0	1902.0	1940.4	1957.6	1974.9	2003.6	2017.1	2022.8	2015.1	2022.8
167.5°	1843.4	1878.6	1915.8	1948.8	1961.5	1978.3	2007.1	2018.2	2025.5	2015.9	2025.5
170°	1861.8	1892.4	1925.0	1951.9	1961.5	1976.8	2005.6	2015.1	2020.9	2011.3	2020.9
172.5°	1877.1	1900.1	1926.6	1950.3	1955.3	1967.6	1994.8	2004.4	2008.6	2000.6	2008.6
175°	1892.4	1905.9	1925.0	1940.4	1938.5	1946.1	1969.1	1976.8	1984.5	1973.0	1984.5
177.5°	1899.7	1905.9	1912.0	1921.2	1915.1	1915.1	1931.9	1936.5	1938.1	1931.9	1938.1
180°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2

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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5
2.5°	2073.2	2071.6	2070.1	2073.6	2082.1	2085.3	2072.0	2058.7	2072.0	2085.3	2082.1
5°	2074.0	2070.9	2068.9	2072.3	2081.1	2083.6	2067.0	2050.4	2067.0	2083.6	2081.1
7.5°	2070.9	2066.3	2063.0	2065.7	2074.2	2076.4	2059.5	2042.5	2059.5	2076.4	2074.2
10°	2065.3	2059.9	2055.0	2056.5	2064.3	2066.5	2051.9	2037.3	2051.9	2066.5	2064.3
12.5°	2052.8	2046.5	2040.0	2040.3	2047.3	2049.1	2035.3	2021.5	2035.3	2049.1	2047.3
15°	2034.1	2026.3	2017.5	2015.1	2019.0	2018.7	2006.1	1993.4	2006.1	2018.7	2019.0
17.5°	2018.3	2007.7	1995.2	1989.2	1989.6	1986.0	1970.6	1955.2	1970.6	1986.0	1989.6
20°	2009.0	1994.9	1979.3	1970.5	1968.5	1962.5	1943.9	1925.4	1943.9	1962.5	1968.5
22.5°	2007.2	1985.5	1962.1	1948.7	1945.2	1937.1	1915.5	1893.8	1915.5	1937.1	1945.2
25°	2008.5	1976.6	1942.5	1918.6	1904.9	1889.4	1867.9	1846.5	1867.9	1889.4	1904.9
27.5°	1994.9	1961.1	1922.7	1889.2	1860.5	1833.7	1812.5	1791.2	1812.5	1833.7	1860.5
30°	1971.7	1937.1	1897.1	1860.1	1826.0	1795.3	1774.8	1754.4	1774.8	1795.3	1826.0
32.5°	1939.7	1903.2	1860.1	1820.3	1783.9	1751.2	1730.0	1708.8	1730.0	1751.2	1783.9
35°	1884.0	1847.9	1803.1	1758.7	1714.9	1676.9	1656.4	1635.9	1656.4	1676.9	1714.9
37.5°	1771.6	1752.6	1727.5	1690.3	1641.2	1598.6	1575.4	1552.2	1575.4	1598.6	1641.2
40°	1670.1	1669.6	1664.7	1638.9	1592.1	1549.4	1519.2	1489.0	1519.2	1549.4	1592.1
42.5°	1531.1	1559.6	1578.9	1572.2	1539.5	1505.2	1466.4	1427.6	1466.4	1505.2	1539.5
45°	1233.7	1317.2	1415.7	1458.6	1445.9	1424.9	1379.1	1333.3	1379.1	1424.9	1445.9
47.5°	1035.8	1122.8	1229.8	1294.7	1317.5	1323.3	1278.1	1232.9	1278.1	1323.3	1317.5
50°	925.7	1000.0	1090.6	1163.7	1219.3	1250.2	1207.3	1164.5	1207.3	1250.2	1219.3
52.5°	817.1	886.0	964.9	1041.9	1116.9	1163.7	1125.5	1087.3	1125.5	1163.7	1116.9
55°	635.5	714.2	806.8	891.6	968.6	1019.7	993.4	967.1	993.4	1019.7	968.6
57.5°	474.3	566.2	675.0	759.3	819.1	859.4	840.9	822.4	840.9	859.4	819.1
60°	391.8	477.3	584.5	665.0	718.6	755.1	740.5	725.9	740.5	755.1	718.6
62.5°	342.5	410.7	499.2	571.0	626.2	664.3	651.2	638.1	651.2	664.3	626.2
65°	293.6	334.8	389.4	445.4	502.9	542.9	530.2	517.5	530.2	542.9	502.9
67.5°	256.3	277.6	305.7	347.1	401.9	439.5	425.7	411.8	425.7	439.5	401.9
70°	229.8	242.0	257.6	291.2	342.8	377.9	363.3	348.7	363.3	377.9	342.8
72.5°	201.9	209.8	219.9	247.7	293.1	323.7	309.9	296.0	309.9	323.7	293.1
75°	162.0	165.9	170.8	189.8	223.0	245.1	234.4	223.7	234.4	245.1	223.0
77.5°	123.0	125.1	127.7	139.8	161.4	175.9	169.1	162.3	169.1	175.9	161.4
80°	98.4	99.4	100.4	108.2	122.8	133.0	130.1	127.2	130.1	133.0	122.8
82.5°	73.7	74.9	75.8	80.1	87.7	93.7	94.6	95.6	94.6	93.7	87.7
85°	32.2	35.8	39.7	42.6	44.6	46.5	48.5	50.4	48.5	46.5	44.6
87.5°	13.3	13.5	14.3	16.3	19.0	20.4	18.5	16.9	18.5	20.0	19.8
90°	40.3	38.3	38.3	36.4	30.7	23.0	13.4	5.8	13.4	21.1	34.5
92.5°	47.9	47.6	44.5	41.0	33.7	33.7	33.4	21.1	36.4	51.8	74.4
95°	44.1	44.1	51.8	65.2	95.9	97.8	65.2	59.4	84.4	118.9	149.6
97.5°	119.3	141.9	174.1	180.2	170.6	127.3	121.9	113.5	154.5	188.7	238.1
100°	220.5	249.3	272.3	226.2	178.3	176.4	164.9	161.1	205.2	237.8	285.7
102.5°	344.7	353.6	273.8	247.7	236.6	228.5	210.9	208.6	252.7	297.6	337.8
105°	373.9	335.5	337.5	337.5	329.8	314.4	281.9	279.9	329.8	381.6	431.4
107.5°	439.8	445.6	455.6	453.3	444.4	403.4	365.1	356.2	401.1	463.2	518.1
110°	527.3	533.0	536.9	533.0	519.6	467.8	421.8	408.4	448.7	513.9	573.3

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	611.6	615.9	624.3	612.8	590.2	530.7	478.6	459.0	499.3	566.0	627.0
115°	745.9	745.9	747.8	742.0	696.0	634.6	565.6	536.9	571.4	632.7	699.8
117.5°	877.8	880.1	872.4	857.1	803.8	732.4	655.0	609.0	636.2	701.0	770.0
120°	960.6	964.4	956.8	933.8	882.0	801.5	713.3	659.6	680.7	743.9	813.0
122.5°	1046.5	1045.7	1036.5	1010.5	949.5	865.9	779.2	713.3	722.1	780.8	848.2
125°	1165.8	1163.8	1156.2	1125.5	1062.2	975.9	874.3	793.8	782.3	832.1	901.2
127.5°	1279.3	1275.0	1263.2	1226.0	1161.2	1077.9	966.4	875.1	849.4	880.8	944.1
130°	1357.5	1351.7	1330.7	1290.4	1227.1	1148.5	1035.4	931.8	895.4	914.6	970.2
132.5°	1432.7	1416.2	1398.1	1354.8	1296.1	1214.5	1099.8	991.7	941.4	949.9	993.2
135°	1528.1	1512.8	1489.8	1447.6	1392.0	1311.5	1196.4	1079.5	1010.5	1002.8	1027.7
137.5°	1612.1	1596.0	1569.9	1533.5	1477.5	1405.8	1295.4	1171.9	1084.8	1059.2	1068.7
140°	1664.3	1645.1	1622.1	1585.7	1535.8	1461.0	1353.7	1234.8	1137.0	1100.6	1094.8
142.5°	1707.2	1692.6	1668.1	1634.7	1591.0	1516.3	1411.9	1294.6	1190.7	1143.5	1130.1
145°	1771.6	1760.1	1733.3	1702.6	1666.2	1591.4	1495.5	1378.6	1275.0	1213.7	1184.9
147.5°	1826.1	1816.9	1795.8	1759.8	1729.1	1657.4	1569.9	1466.4	1360.2	1284.3	1247.1
150°	1859.8	1852.2	1831.1	1796.6	1765.9	1698.8	1614.4	1518.6	1416.9	1336.4	1288.5
152.5°	1892.1	1884.4	1860.2	1825.7	1799.6	1737.1	1660.4	1569.2	1466.0	1385.5	1336.0
155°	1934.6	1925.0	1902.0	1869.4	1846.4	1788.9	1718.0	1637.4	1549.2	1464.9	1409.3
157.5°	1968.4	1956.5	1935.0	1907.0	1882.5	1829.5	1767.8	1698.4	1621.3	1540.8	1484.0
160°	1988.3	1974.9	1951.9	1927.0	1903.9	1854.1	1798.5	1735.2	1664.3	1591.4	1530.1
162.5°	2002.1	1990.2	1962.6	1940.8	1920.8	1875.6	1823.0	1765.9	1702.6	1639.0	1582.2
165°	2017.1	2003.6	1974.9	1957.6	1940.4	1902.0	1856.0	1810.0	1756.3	1704.5	1658.5
167.5°	2018.2	2007.1	1978.3	1961.5	1948.8	1915.8	1878.6	1843.4	1801.6	1760.9	1722.6
170°	2015.1	2005.6	1976.8	1961.5	1951.9	1925.0	1892.4	1861.8	1829.2	1794.7	1764.0
172.5°	2004.4	1994.8	1967.6	1955.3	1950.3	1926.6	1900.1	1877.1	1849.1	1823.8	1799.3
175°	1976.8	1969.1	1946.1	1938.5	1940.4	1925.0	1905.9	1892.4	1875.2	1859.8	1846.4
177.5°	1936.5	1931.9	1915.1	1915.1	1921.2	1912.0	1905.9	1899.7	1892.1	1887.5	1882.9
180°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5	2074.5
2.5°	2073.6	2070.1	2071.6	2073.2	2074.7	2076.3	2074.7	2073.2	2071.6	2070.1	2073.6
5°	2072.3	2068.9	2070.9	2074.0	2080.9	2087.7	2080.9	2074.0	2070.9	2068.9	2072.3
7.5°	2065.7	2063.0	2066.3	2070.9	2079.3	2087.7	2079.3	2070.9	2066.3	2063.0	2065.7
10°	2056.5	2055.0	2059.9	2065.3	2072.1	2078.9	2072.1	2065.3	2059.9	2055.0	2056.5
12.5°	2040.3	2040.0	2046.5	2052.8	2058.8	2064.9	2058.8	2052.8	2046.5	2040.0	2040.3
15°	2015.1	2017.5	2026.3	2034.1	2039.0	2043.8	2039.0	2034.1	2026.3	2017.5	2015.1
17.5°	1989.2	1995.2	2007.7	2018.3	2023.4	2028.5	2023.4	2018.3	2007.7	1995.2	1989.2
20°	1970.5	1979.3	1994.9	2009.0	2018.7	2028.5	2018.7	2009.0	1994.9	1979.3	1970.5
22.5°	1948.7	1962.1	1985.5	2007.2	2024.0	2040.8	2024.0	2007.2	1985.5	1962.1	1948.7
25°	1918.6	1942.5	1976.6	2008.5	2033.8	2059.2	2033.8	2008.5	1976.6	1942.5	1918.6
27.5°	1889.2	1922.7	1961.1	1994.9	2015.0	2035.1	2015.0	1994.9	1961.1	1922.7	1889.2
30°	1860.1	1897.1	1937.1	1971.7	1990.2	2008.7	1990.2	1971.7	1937.1	1897.1	1860.1
32.5°	1820.3	1860.1	1903.2	1939.7	1956.7	1973.7	1956.7	1939.7	1903.2	1860.1	1820.3
35°	1758.7	1803.1	1847.9	1884.0	1893.7	1903.5	1893.7	1884.0	1847.9	1803.1	1758.7
37.5°	1690.3	1727.5	1752.6	1771.6	1772.2	1772.8	1772.2	1771.6	1752.6	1727.5	1690.3
40°	1638.9	1664.7	1669.6	1670.1	1657.4	1644.7	1657.4	1670.1	1669.6	1664.7	1638.9
42.5°	1572.2	1578.9	1559.6	1531.1	1474.7	1418.4	1474.7	1531.1	1559.6	1578.9	1572.2
45°	1458.6	1415.7	1317.2	1233.7	1194.7	1155.7	1194.7	1233.7	1317.2	1415.7	1458.6
47.5°	1294.7	1229.8	1122.8	1035.8	1008.9	982.0	1008.9	1035.8	1122.8	1229.8	1294.7
50°	1163.7	1090.6	1000.0	925.7	900.3	875.0	900.3	925.7	1000.0	1090.6	1163.7
52.5°	1041.9	964.9	886.0	817.1	778.5	739.9	778.5	817.1	886.0	964.9	1041.9
55°	891.6	806.8	714.2	635.5	598.4	561.4	598.4	635.5	714.2	806.8	891.6
57.5°	759.3	675.0	566.2	474.3	432.7	391.2	432.7	474.3	566.2	675.0	759.3
60°	665.0	584.5	477.3	391.8	371.3	350.9	371.3	391.8	477.3	584.5	665.0
62.5°	571.0	499.2	410.7	342.5	335.3	328.1	335.3	342.5	410.7	499.2	571.0
65°	445.4	389.4	334.8	293.6	292.6	291.7	292.6	293.6	334.8	389.4	445.4
67.5°	347.1	305.7	277.6	256.3	255.1	253.9	255.1	256.3	277.6	305.7	347.1
70°	291.2	257.6	242.0	229.8	227.8	225.9	227.8	229.8	242.0	257.6	291.2
72.5°	247.7	219.9	209.8	201.9	200.7	199.6	200.7	201.9	209.8	219.9	247.7
75°	189.8	170.8	165.9	162.0	161.1	160.1	161.1	162.0	165.9	170.8	189.8
77.5°	139.8	127.7	125.1	123.0	122.0	121.1	122.0	123.0	125.1	127.7	139.8
80°	108.2	100.4	99.4	98.4	97.5	96.5	97.5	98.4	99.4	100.4	108.2
82.5°	80.1	75.8	74.9	73.7	71.9	70.2	71.9	73.7	74.9	75.8	80.1
85°	42.6	39.7	35.8	32.2	29.2	26.3	29.2	32.2	35.8	39.7	42.6
87.5°	17.8	18.1	20.0	21.0	22.5	21.8	22.5	21.0	20.0	18.1	17.8
90°	44.1	57.5	70.9	78.6	86.3	82.4	86.3	78.6	70.9	57.5	44.1
92.5°	88.6	111.2	127.7	141.5	147.6	146.9	147.6	141.5	127.7	111.2	88.6
95°	178.3	205.2	232.0	251.2	262.7	258.8	262.7	251.2	232.0	205.2	178.3
97.5°	275.0	311.0	340.9	358.9	370.4	378.1	370.4	358.9	340.9	311.0	275.0
100°	339.4	373.9	408.4	429.5	448.7	456.3	448.7	429.5	408.4	373.9	339.4
102.5°	391.5	436.8	474.4	497.0	513.1	520.8	513.1	497.0	474.4	436.8	391.5
105°	477.4	525.4	565.6	594.4	611.6	617.4	611.6	594.4	565.6	525.4	477.4
107.5°	563.3	612.8	650.0	681.8	702.9	715.2	702.9	681.8	650.0	612.8	563.3
110°	630.8	671.1	711.3	740.1	761.2	768.9	761.2	740.1	711.3	671.1	630.8

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	687.6	732.4	772.7	801.5	825.6	836.4	825.6	801.5	772.7	732.4	687.6
115°	766.9	826.4	862.8	889.7	906.9	916.5	906.9	889.7	862.8	826.4	766.9
117.5°	832.9	895.0	934.9	955.6	963.7	970.6	963.7	955.6	934.9	895.0	832.9
120°	874.3	931.8	977.9	1004.7	1014.3	1018.1	1014.3	1004.7	977.9	931.8	874.3
122.5°	912.7	967.1	1011.6	1044.6	1060.3	1064.1	1060.3	1044.6	1011.6	967.1	912.7
125°	966.4	1018.1	1064.1	1096.7	1114.0	1123.6	1114.0	1096.7	1064.1	1018.1	966.4
127.5°	1013.1	1069.1	1111.3	1140.8	1157.7	1165.4	1157.7	1140.8	1111.3	1069.1	1013.1
130°	1039.2	1096.7	1138.9	1171.5	1186.8	1194.5	1186.8	1171.5	1138.9	1096.7	1039.2
132.5°	1059.2	1119.7	1163.5	1193.0	1209.9	1217.5	1209.9	1193.0	1163.5	1119.7	1059.2
135°	1083.3	1146.6	1192.6	1221.4	1236.7	1244.4	1236.7	1221.4	1192.6	1146.6	1083.3
137.5°	1104.4	1161.9	1209.9	1240.2	1254.0	1258.9	1254.0	1240.2	1209.9	1161.9	1104.4
140°	1119.7	1169.6	1217.5	1246.3	1261.6	1263.5	1261.6	1246.3	1217.5	1169.6	1119.7
142.5°	1139.7	1178.8	1220.6	1249.4	1264.7	1268.1	1264.7	1249.4	1220.6	1178.8	1139.7
145°	1175.3	1198.4	1227.1	1254.0	1267.4	1271.2	1267.4	1254.0	1227.1	1198.4	1175.3
147.5°	1220.2	1227.5	1242.5	1260.1	1273.1	1275.8	1273.1	1260.1	1242.5	1227.5	1220.2
150°	1254.0	1252.0	1257.8	1269.3	1280.8	1278.9	1280.8	1269.3	1257.8	1252.0	1254.0
152.5°	1292.3	1281.2	1280.8	1286.2	1291.5	1291.2	1291.5	1286.2	1280.8	1281.2	1292.3
155°	1357.5	1336.4	1324.9	1321.1	1321.1	1319.1	1321.1	1321.1	1324.9	1336.4	1357.5
157.5°	1429.2	1399.7	1382.4	1373.2	1370.5	1366.3	1370.5	1373.2	1382.4	1399.7	1429.2
160°	1478.3	1445.7	1428.4	1413.1	1407.3	1401.6	1407.3	1413.1	1428.4	1445.7	1478.3
162.5°	1524.3	1493.2	1474.5	1460.6	1454.9	1446.1	1454.9	1460.6	1474.5	1493.2	1524.3
165°	1599.1	1566.5	1545.4	1533.9	1526.2	1518.6	1526.2	1533.9	1545.4	1566.5	1599.1
167.5°	1673.9	1638.2	1624.4	1611.4	1604.1	1590.3	1604.1	1611.4	1624.4	1638.2	1673.9
170°	1719.9	1687.3	1679.6	1668.1	1654.7	1639.3	1654.7	1668.1	1679.6	1687.3	1719.9
172.5°	1759.8	1737.9	1730.2	1718.7	1714.5	1702.2	1714.5	1718.7	1730.2	1737.9	1759.8
175°	1817.7	1800.4	1800.4	1798.5	1792.7	1781.2	1792.7	1798.5	1800.4	1800.4	1817.7
177.5°	1866.0	1856.8	1862.9	1862.9	1861.4	1850.6	1861.4	1862.9	1862.9	1856.8	1866.0
180°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	2074.5	2074.5	2074.5	2074.5
2.5°	2082.1	2085.3	2072.0	2058.7
5°	2081.1	2083.6	2067.0	2050.4
7.5°	2074.2	2076.4	2059.5	2042.5
10°	2064.3	2066.5	2051.9	2037.3
12.5°	2047.3	2049.1	2035.3	2021.5
15°	2019.0	2018.7	2006.1	1993.4
17.5°	1989.6	1986.0	1970.6	1955.2
20°	1968.5	1962.5	1943.9	1925.4
22.5°	1945.2	1937.1	1915.5	1893.8
25°	1904.9	1889.4	1867.9	1846.5
27.5°	1860.5	1833.7	1812.5	1791.2
30°	1826.0	1795.3	1774.8	1754.4
32.5°	1783.9	1751.2	1730.0	1708.8
35°	1714.9	1676.9	1656.4	1635.9
37.5°	1641.2	1598.6	1575.4	1552.2
40°	1592.1	1549.4	1519.2	1489.0
42.5°	1539.5	1505.2	1466.4	1427.6
45°	1445.9	1424.9	1379.1	1333.3
47.5°	1317.5	1323.3	1278.1	1232.9
50°	1219.3	1250.2	1207.3	1164.5
52.5°	1116.9	1163.7	1125.5	1087.3
55°	968.6	1019.7	993.4	967.1
57.5°	819.1	859.4	840.9	822.4
60°	718.6	755.1	740.5	725.9
62.5°	626.2	664.3	651.2	638.1
65°	502.9	542.9	530.2	517.5
67.5°	401.9	439.5	425.7	411.8
70°	342.8	377.9	363.3	348.7
72.5°	293.1	323.7	309.9	296.0
75°	223.0	245.1	234.4	223.7
77.5°	161.4	175.9	169.1	162.3
80°	122.8	133.0	130.1	127.2
82.5°	87.7	93.7	94.6	95.6
85°	44.6	46.5	48.5	50.4
87.5°	19.8	20.0	18.5	16.9
90°	34.5	21.1	13.4	5.8
92.5°	74.4	51.8	36.4	21.1
95°	149.6	118.9	84.4	59.4
97.5°	238.1	188.7	154.5	113.5
100°	285.7	237.8	205.2	161.1
102.5°	337.8	297.6	252.7	208.6
105°	431.4	381.6	329.8	279.9
107.5°	518.1	463.2	401.1	356.2
110°	573.3	513.9	448.7	408.4

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	627.0	566.0	499.3	459.0
115°	699.8	632.7	571.4	536.9
117.5°	770.0	701.0	636.2	609.0
120°	813.0	743.9	680.7	659.6
122.5°	848.2	780.8	722.1	713.3
125°	901.2	832.1	782.3	793.8
127.5°	944.1	880.8	849.4	875.1
130°	970.2	914.6	895.4	931.8
132.5°	993.2	949.9	941.4	991.7
135°	1027.7	1002.8	1010.5	1079.5
137.5°	1068.7	1059.2	1084.8	1171.9
140°	1094.8	1100.6	1137.0	1234.8
142.5°	1130.1	1143.5	1190.7	1294.6
145°	1184.9	1213.7	1275.0	1378.6
147.5°	1247.1	1284.3	1360.2	1466.4
150°	1288.5	1336.4	1416.9	1518.6
152.5°	1336.0	1385.5	1466.0	1569.2
155°	1409.3	1464.9	1549.2	1637.4
157.5°	1484.0	1540.8	1621.3	1698.4
160°	1530.1	1591.4	1664.3	1735.2
162.5°	1582.2	1639.0	1702.6	1765.9
165°	1658.5	1704.5	1756.3	1810.0
167.5°	1722.6	1760.9	1801.6	1843.4
170°	1764.0	1794.7	1829.2	1861.8
172.5°	1799.3	1823.8	1849.1	1877.1
175°	1846.4	1859.8	1875.2	1892.4
177.5°	1882.9	1887.5	1892.1	1899.7
180°	1898.2	1898.2	1898.2	1898.2

TEST NUMBER: P1428119

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L830-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	19.52	20.34	20.49	21.32	22.61	15.29	16.11	16.26	17.09	18.39
	3H	20.57	21.30	21.56	22.30	23.62	16.59	17.33	17.58	18.32	19.64
	4H	20.94	21.63	21.94	22.63	23.95	17.15	17.84	18.15	18.84	20.16
	6H	21.13	21.77	22.14	22.77	24.11	17.51	18.15	18.52	19.15	20.49
	8H	21.19	21.80	22.21	22.82	24.15	17.64	18.24	18.66	19.26	20.59
	12H	21.21	21.79	22.23	22.80	24.16	17.67	18.25	18.69	19.26	20.62
4H	2H	19.63	20.32	20.64	21.32	22.64	16.19	16.88	17.20	17.88	19.20
	3H	20.92	21.49	21.94	22.52	23.86	17.61	18.18	18.63	19.21	20.55
	4H	21.43	21.95	22.45	22.97	24.33	18.23	18.75	19.25	19.77	21.13
	6H	21.74	22.19	22.77	23.23	24.59	18.67	19.12	19.71	20.17	21.52
	8H	21.85	22.27	22.88	23.30	24.67	18.84	19.26	19.88	20.30	21.67
	12H	21.89	22.27	22.94	23.32	24.70	18.89	19.27	19.94	20.32	21.70
8H	4H	21.44	21.86	22.48	22.90	24.27	18.54	18.96	19.57	19.99	21.36
	6H	21.85	22.20	22.91	23.28	24.65	19.09	19.44	20.15	20.52	21.89
	8H	22.03	22.34	23.10	23.40	24.79	19.34	19.65	20.41	20.71	22.10
	12H	22.13	22.40	23.20	23.45	24.89	19.44	19.71	20.51	20.77	22.20
12H	4H	21.40	21.78	22.45	22.83	24.21	18.55	18.92	19.60	19.97	21.35
	6H	21.85	22.15	22.91	23.21	24.60	19.16	19.46	20.22	20.53	21.92
	8H	22.04	22.31	23.11	23.37	24.80	19.43	19.70	20.50	20.76	22.19

END OF REPORT

FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE

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