

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P995687

Luminaire Tested: 8SLSTPSLC-MED-4000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995687
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (KYZ-A250506112-02-001)
Test Lab:
Issue Date: 6/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8SLSTPSLC-MED-4000K
Description: 8' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

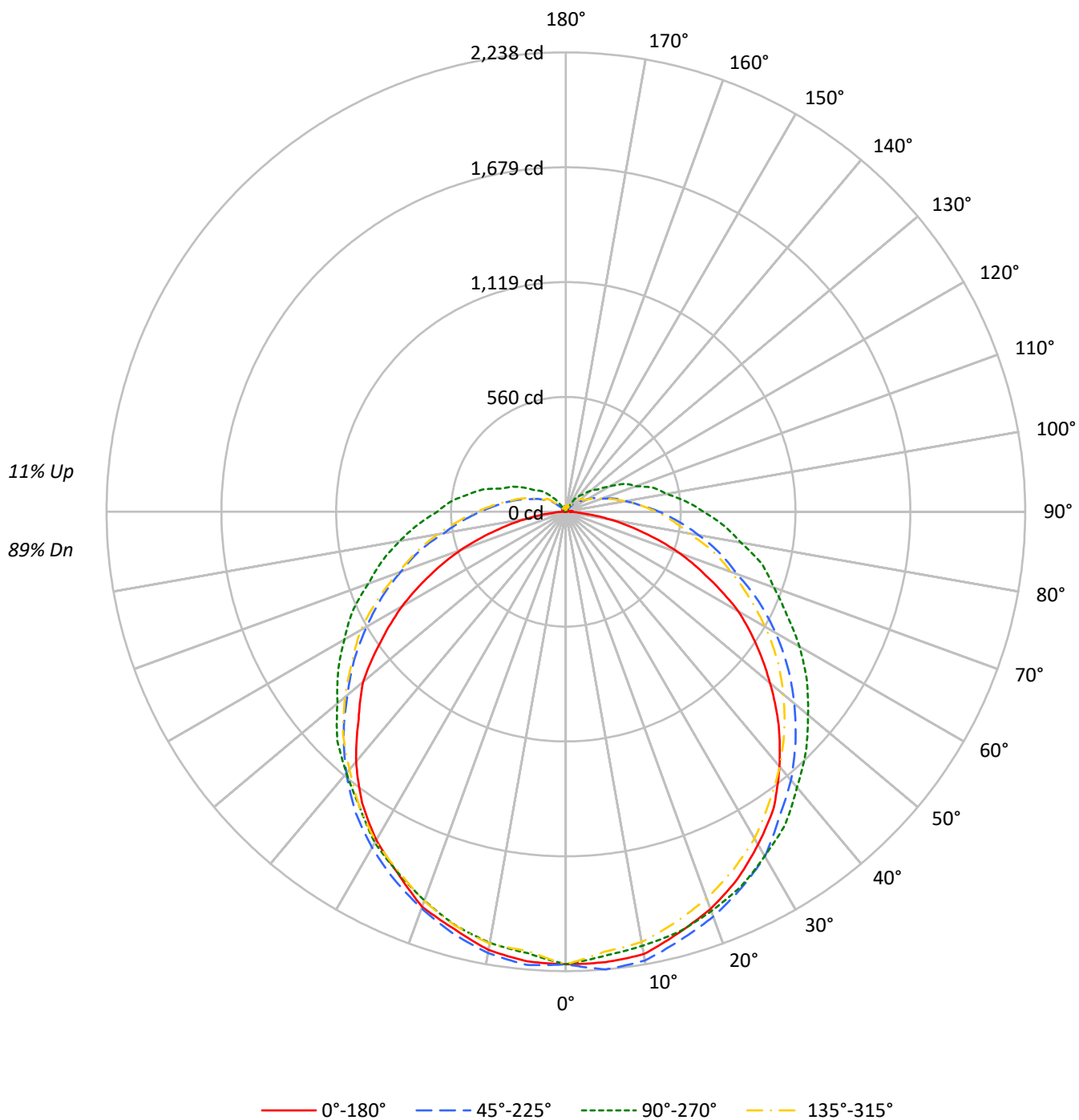
Lumens per Lamp: N/A
Luminaire Lumens: 8325.0 lumens
Efficiency: N/A
Efficacy: 134.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 7.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 62
Input Voltage (V): NR
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

TEST NUMBER: P995687

CATALOG NUMBER: 8SLSTPSLC-MED-4000K

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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92
1	104	98	93	88	100	95	90	86	88	85	81	83	80	77	77	75	73
2	94	84	77	70	90	82	75	69	76	70	65	71	66	62	66	63	59
3	85	73	65	58	81	71	63	56	66	60	54	62	56	52	58	53	49
4	77	65	55	48	74	63	54	47	59	51	45	55	49	44	52	46	42
5	71	58	48	41	68	56	47	40	52	45	39	49	43	38	46	41	36
6	65	52	42	36	63	50	41	35	47	40	34	44	38	33	42	36	32
7	61	47	38	31	58	45	37	31	43	35	30	40	34	29	38	32	28
8	56	42	34	28	54	41	33	27	39	32	27	37	30	26	35	29	25
9	53	39	31	25	51	38	30	24	36	29	24	34	28	23	32	27	22
10	49	36	28	22	47	35	27	22	33	26	22	31	25	21	30	24	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13928	13928	13928	13928
5°	13936	12661	13908	12586
10°	13972	11710	13839	11632
15°	13792	10933	13665	10756
20°	13712	10208	13633	9932
25°	13603	9582	13360	9217
30°	13452	8959	13268	8608
35°	13361	8447	13104	7952
40°	13061	7857	12827	7454
45°	12757	7389	12425	7036
50°	12367	6906	12286	6515
55°	12039	6501	11668	6145
60°	11726	6080	11121	5765
65°	10878	5642	10306	5454
70°	10129	5318	9363	5045
75°	8721	5107	7809	4780
80°	7028	4720	6074	4481
85°	4024	4505	3525	4220

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12757 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.6	2.5
10°-20°	598.6	7.2
20°-30°	912.2	11.0
30°-40°	1115.8	13.4
40°-50°	1188.6	14.3
50°-60°	1134.3	13.6
60°-70°	976.2	11.7
70°-80°	751.8	9.0
80°-90°	524.9	6.3
90°-100°	357.3	4.3
100°-110°	237.8	2.9
110°-120°	149.2	1.8
120°-130°	88.5	1.1
130°-140°	45.9	0.6
140°-150°	18.1	0.2
150°-160°	9.9	0.1
160°-170°	5.9	0.1
170°-180°	1.5	0.0
0°-30°	1719.4	20.7
0°-40°	2835.2	34.1
0°-60°	5158.2	62.0
0°-90°	7411.0	89.0
90°-120°	744.3	8.9
90°-150°	896.8	10.8
90°-180°	914.0	11.0
0°-180°	8325.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2205	2205	2205	2205	2205	
5°	2203	2171	2198	2158	2203	210
15°	2124	2120	2104	2085	2124	601
25°	1976	2016	1941	1939	1976	910
35°	1765	1862	1731	1753	1765	1100
45°	1466	1654	1428	1575	1466	1130
55°	1135	1433	1100	1355	1135	1016
65°	770	1187	729	1147	770	767
75°	393	990	352	927	393	421
85°	72	772	64	724	72	96
90°	18	671	7	626	18	19
95°	32	586	1	564	32	11
105°	4	447	9	419	4	5
115°	8	322	16	289	8	9
125°	10	189	9	180	10	9
135°	14	121	8	119	14	10
145°	12	78	12	10	12	6
155°	8	6	4	16	8	3
165°	10	22	13	28	10	3
175°	13	7	7	18	13	1
180°	14	14	14	14	14	

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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7
5°	2202.7	2221.9	2166.5	2238.1	2230.9	2206.1	2171.2	2180.8	2187.0	2151.6	2196.5
10°	2188.4	2185.2	2138.8	2220.0	2202.3	2180.8	2147.3	2165.6	2156.9	2128.3	2175.9
15°	2123.9	2151.3	2113.0	2159.4	2161.2	2155.0	2119.6	2117.3	2109.6	2070.1	2126.8
20°	2059.5	2075.3	2049.5	2099.1	2111.5	2112.4	2071.0	2064.2	2048.6	2004.7	2039.5
25°	1975.9	1990.8	1968.7	2022.8	2026.2	2031.8	2015.6	1973.6	1974.0	1925.8	1948.2
30°	1872.5	1888.1	1868.1	1940.1	1947.2	1945.9	1937.3	1910.5	1896.2	1838.0	1861.9
35°	1764.9	1767.3	1782.2	1813.1	1845.1	1864.2	1862.3	1824.6	1801.6	1727.8	1722.5
40°	1619.3	1627.9	1656.6	1706.7	1729.7	1748.7	1752.1	1729.7	1686.7	1621.2	1600.8
45°	1466.1	1476.1	1533.0	1582.5	1620.2	1659.0	1654.1	1623.2	1585.0	1505.3	1465.2
50°	1298.5	1319.0	1387.8	1452.8	1506.6	1529.6	1540.2	1514.4	1462.7	1383.1	1302.8
55°	1134.8	1153.4	1248.4	1319.9	1375.3	1425.4	1433.2	1394.9	1335.8	1257.4	1151.0
60°	971.1	987.7	1075.1	1179.6	1248.0	1310.0	1314.7	1291.3	1197.3	1120.5	1011.6
65°	769.5	835.4	926.2	1038.0	1116.7	1207.3	1186.8	1166.2	1091.3	984.5	852.6
70°	588.7	652.5	768.6	886.5	1010.3	1078.5	1079.0	1061.7	981.1	856.0	722.8
75°	393.0	496.0	634.1	775.7	894.2	965.2	990.1	950.9	848.8	740.5	577.2
80°	222.5	312.1	496.6	657.8	773.5	841.7	865.6	846.0	735.6	607.7	467.0
85°	72.5	215.3	383.0	551.0	675.5	759.2	772.5	727.1	653.5	525.2	345.7
90°	17.7	123.6	289.3	454.9	572.5	648.4	670.8	646.3	562.9	439.3	265.4
95°	32.0	87.8	227.7	363.4	493.5	555.1	585.8	570.4	482.2	362.8	218.7
100°	2.4	36.4	167.7	295.6	413.9	479.8	498.4	494.7	414.8	292.2	158.4
105°	3.8	51.6	116.4	248.3	339.5	423.5	446.8	413.9	338.9	235.3	104.5
110°	7.7	26.7	77.8	182.3	290.3	350.9	364.3	349.4	286.0	188.6	88.7
115°	8.1	22.0	78.4	157.5	223.0	286.5	322.3	271.1	214.7	152.8	80.6
120°	13.8	23.4	60.7	121.7	194.2	206.3	248.7	230.2	175.8	118.5	66.3
125°	10.5	20.0	57.3	94.9	136.9	181.0	189.1	182.9	150.3	100.8	48.2
130°	7.2	23.9	38.2	71.2	126.6	160.9	161.8	150.9	119.8	99.3	25.8
135°	13.8	21.1	29.2	56.9	104.5	119.8	120.7	122.3	100.2	73.1	20.5
140°	15.8	19.6	20.5	28.3	67.8	93.6	99.8	85.5	87.4	42.9	23.0
145°	11.9	23.0	33.9	18.6	35.4	73.1	78.4	82.1	54.4	14.3	30.5
150°	0.0	20.5	38.2	23.4	21.5	16.2	23.9	21.5	12.4	26.7	41.1
155°	8.1	7.2	32.4	23.4	25.8	11.5	5.7	19.0	17.7	28.3	32.0
160°	8.7	9.0	12.4	14.9	26.7	27.1	30.1	42.9	27.7	32.4	12.4
165°	9.6	16.8	10.5	13.8	29.6	15.8	22.0	34.3	22.4	12.4	23.0
170°	9.6	18.1	3.8	5.3	14.9	10.9	27.1	17.7	24.3	15.8	10.9
175°	13.4	18.6	13.4	11.9	24.9	20.0	6.6	1.5	14.3	31.1	0.0
180°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7	2204.7
5°	2175.6	2198.3	2217.6	2182.7	2215.7	2219.4	2216.6	2158.4	2185.5	2181.2	2146.9
10°	2164.1	2167.5	2177.8	2140.1	2183.1	2188.0	2194.2	2133.0	2155.0	2162.2	2136.9
15°	2096.2	2104.3	2135.4	2087.8	2126.8	2137.9	2137.9	2085.3	2113.0	2098.7	2086.6
20°	2052.4	2047.6	2061.0	2026.2	2055.7	2060.1	2085.7	2015.1	2061.0	2056.7	2017.9
25°	1953.1	1940.6	1953.1	1953.1	1977.9	1993.6	2013.7	1938.8	1990.4	1976.4	1931.0
30°	1862.3	1847.0	1851.4	1858.1	1888.7	1897.1	1935.9	1861.3	1906.7	1890.5	1853.2
35°	1741.2	1731.0	1727.8	1755.9	1787.3	1793.1	1833.6	1753.0	1810.3	1779.8	1753.0
40°	1590.3	1590.3	1596.9	1638.5	1663.4	1696.7	1740.2	1662.2	1711.4	1679.9	1639.4
45°	1457.1	1427.9	1424.5	1492.9	1531.5	1573.1	1616.5	1575.0	1605.5	1560.1	1535.3
50°	1288.5	1290.0	1264.2	1329.0	1388.7	1450.3	1493.3	1452.8	1487.6	1456.1	1403.6
55°	1119.9	1099.9	1093.3	1186.4	1259.3	1341.0	1369.7	1354.8	1371.6	1352.5	1270.4
60°	943.4	921.0	938.1	1038.9	1119.5	1216.9	1258.0	1246.5	1231.6	1204.5	1153.8
65°	773.5	729.0	769.5	884.6	990.1	1086.2	1131.4	1147.2	1128.6	1089.4	1011.6
70°	583.4	544.2	599.6	722.2	856.0	954.3	1007.8	1023.6	1012.5	960.5	867.8
75°	415.7	351.9	437.2	590.0	739.0	833.9	901.4	926.6	899.9	859.4	751.4
80°	283.5	192.3	292.7	460.2	603.9	730.0	791.9	821.7	797.8	729.4	633.5
85°	182.0	63.5	181.4	341.9	505.0	632.0	693.2	723.7	701.3	642.2	523.3
90°	98.3	7.2	116.4	266.9	415.4	527.5	613.0	626.3	608.3	534.6	431.6
95°	67.8	0.6	67.3	187.1	342.3	456.8	524.6	563.8	538.0	462.1	355.7
100°	42.0	17.1	42.0	148.4	283.1	386.7	447.4	483.2	454.6	383.9	286.5
105°	37.3	9.0	39.2	120.7	230.2	313.3	380.5	419.1	389.0	330.8	241.1
110°	27.7	4.3	20.0	89.7	179.9	277.9	314.6	328.9	326.5	269.8	193.8
115°	22.4	15.8	0.0	79.3	147.5	221.0	253.6	289.3	274.1	215.9	138.5
120°	17.1	20.0	18.6	44.5	107.9	179.9	207.6	235.8	207.6	184.8	118.5
125°	26.2	8.7	31.1	13.8	98.9	155.2	179.9	179.5	181.0	149.4	110.8
130°	15.8	2.4	33.0	7.7	43.9	113.2	142.8	158.4	149.0	121.3	65.4
135°	20.0	8.1	19.6	23.4	19.0	71.2	126.0	118.9	126.6	89.7	12.4
140°	8.1	6.6	21.5	19.6	14.3	10.9	34.8	76.3	46.3	1.5	9.0
145°	29.2	11.5	26.7	35.8	18.6	24.9	20.0	9.6	23.4	0.6	2.8
150°	22.4	0.0	18.1	37.7	21.5	10.5	4.3	3.8	0.0	8.7	18.1
155°	20.5	3.8	33.9	35.4	22.4	41.4	25.8	16.2	26.2	30.1	23.4
160°	22.4	10.9	17.7	31.1	33.0	29.2	35.8	31.5	24.9	29.2	23.9
165°	28.6	12.8	9.0	28.3	26.7	26.7	23.0	28.3	20.5	26.7	9.6
170°	15.8	15.8	27.1	15.8	31.5	24.9	31.1	17.7	17.1	14.9	17.7
175°	11.5	7.2	17.1	12.8	18.6	15.3	22.0	18.1	19.6	13.8	28.3
180°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2204.7	2204.7	2204.7
5°	2205.1	2185.2	2202.7
10°	2165.6	2165.6	2188.4
15°	2114.0	2132.0	2123.9
20°	2055.7	2062.0	2059.5
25°	1979.3	1979.3	1975.9
30°	1878.5	1883.4	1872.5
35°	1775.4	1770.7	1764.9
40°	1633.2	1636.6	1619.3
45°	1503.4	1505.7	1466.1
50°	1356.3	1343.5	1298.5
55°	1201.6	1178.7	1134.8
60°	1054.2	990.7	971.1
65°	908.0	823.0	769.5
70°	752.4	661.2	588.7
75°	603.4	470.2	393.0
80°	477.3	329.8	222.5
85°	374.3	194.8	72.5
90°	288.8	125.1	17.7
95°	214.4	63.1	32.0
100°	159.0	40.5	2.4
105°	116.0	37.3	3.8
110°	85.5	23.0	7.7
115°	83.1	26.2	8.1
120°	52.9	22.0	13.8
125°	16.8	32.0	10.5
130°	4.7	8.1	7.2
135°	26.2	18.6	13.8
140°	26.7	17.1	15.8
145°	24.3	28.6	11.9
150°	16.8	24.9	0.0
155°	26.7	17.7	8.1
160°	13.8	12.4	8.7
165°	22.4	18.1	9.6
170°	23.0	10.5	9.6
175°	6.6	9.0	13.4
180°	13.6	13.6	13.6

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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	16.58	18.06	17.10	18.58	19.16	19.71	21.19	20.24	21.72	22.29
	3H	17.96	19.31	18.49	19.84	20.46	22.45	23.80	22.98	24.33	24.95
	4H	18.37	19.66	18.93	20.21	20.83	23.83	25.11	24.38	25.66	26.29
	6H	18.60	19.79	19.17	20.36	21.00	25.27	26.47	25.84	27.03	27.68
	8H	18.63	19.78	19.21	20.37	21.01	26.04	27.18	26.62	27.77	28.42
	12H	18.64	19.74	19.22	20.32	20.99	26.89	27.99	27.48	28.57	29.25
4H	2H	17.57	18.85	18.13	19.40	20.03	20.02	21.31	20.58	21.86	22.48
	3H	19.19	20.29	19.76	20.88	21.53	22.95	24.05	23.52	24.64	25.29
	4H	19.74	20.75	20.33	21.35	22.03	24.47	25.48	25.06	26.07	26.75
	6H	20.08	20.97	20.68	21.59	22.28	26.09	26.98	26.70	27.61	28.30
	8H	20.15	20.99	20.76	21.62	22.32	26.95	27.80	27.57	28.42	29.12
	12H	20.18	20.95	20.82	21.60	22.31	27.92	28.69	28.56	29.34	30.05
8H	4H	20.55	21.39	21.16	22.01	22.72	24.61	25.45	25.22	26.07	26.77
	6H	21.08	21.80	21.73	22.47	23.17	26.36	27.08	27.01	27.74	28.45
	8H	21.26	21.90	21.91	22.57	23.29	27.34	27.99	28.00	28.66	29.38
	12H	21.36	21.94	22.01	22.60	23.38	28.47	29.05	29.13	29.71	30.49
12H	4H	20.79	21.55	21.42	22.20	22.91	24.60	25.37	25.24	26.02	26.73
	6H	21.44	22.09	22.09	22.76	23.48	26.38	27.03	27.03	27.70	28.42
	8H	21.71	22.29	22.37	22.95	23.74	27.41	27.99	28.07	28.65	29.44