

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: P995680

Luminaire Tested: 8SLSTPSLC-HI-3500K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995680
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-HI-3500K
Description: 8' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

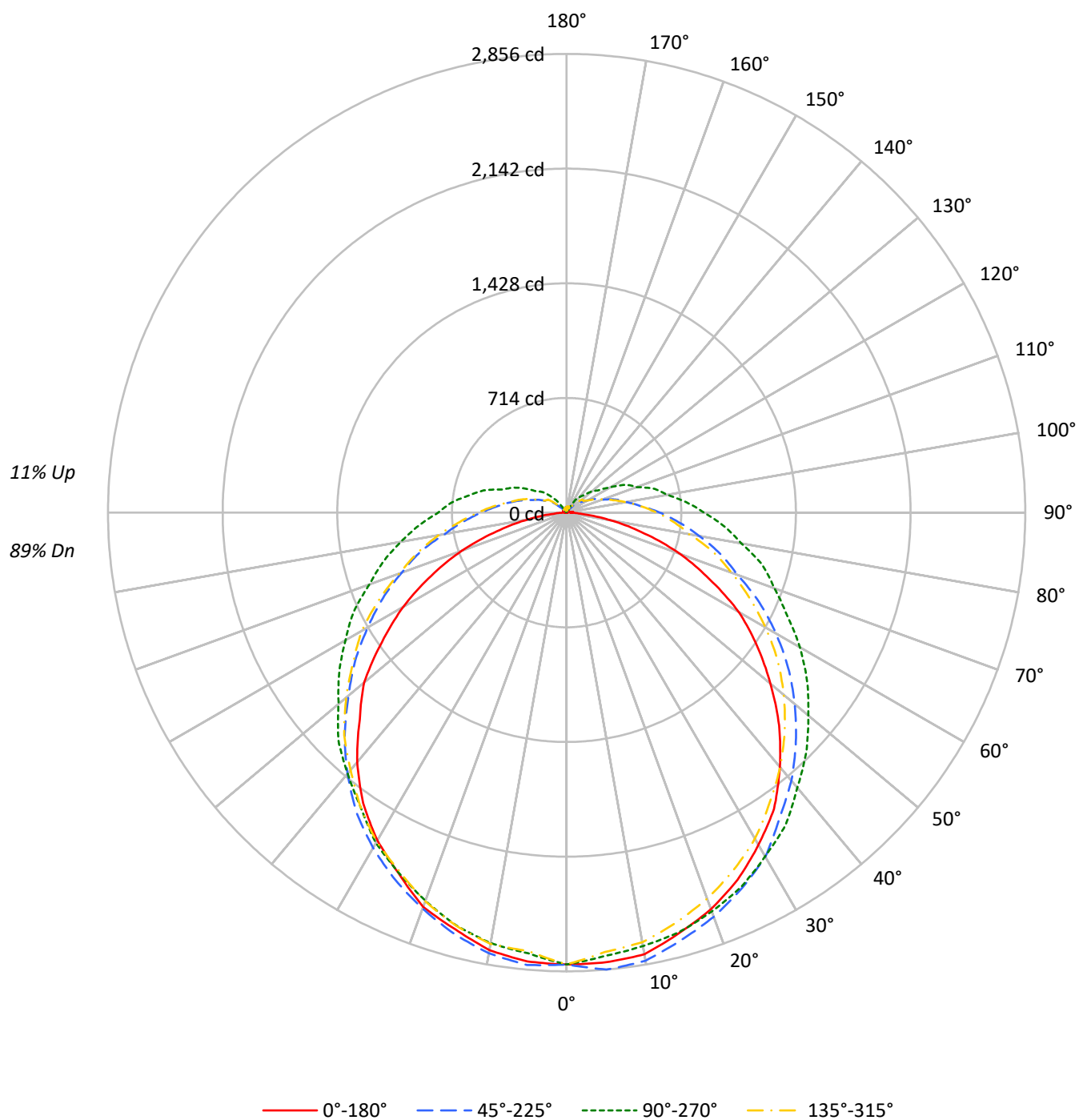
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10622.0 lumens
Efficiency: N/A
Efficacy: 122.1 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): 87
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

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CATALOG NUMBER: 8SLSTPSLC-HI-3500K

Luminous Intensity Polar Plot



TEST NUMBER: P995680

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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°	17772	17772	17772	17772
5°	17781	16155	17746	16059
10°	17827	14941	17657	14841
15°	17598	13950	17436	13724
20°	17496	13024	17395	12672
25°	17356	12226	17047	11759
30°	17163	11431	16929	10983
35°	17047	10778	16720	10146
40°	16664	10024	16365	9510
45°	16278	9428	15853	8977
50°	15779	8812	15676	8312
55°	15360	8295	14888	7841
60°	14961	7757	14189	7355
65°	13880	7198	13150	6958
70°	12923	6786	11948	6438
75°	11127	6516	9964	6098
80°	8967	6023	7751	5717
85°	5134	5748	4496	5385

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16278 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.1	2.5
10°-20°	763.7	7.2
20°-30°	1163.9	11.0
30°-40°	1423.7	13.4
40°-50°	1516.6	14.3
50°-60°	1447.3	13.6
60°-70°	1245.5	11.7
70°-80°	959.2	9.0
80°-90°	669.7	6.3
90°-100°	455.9	4.3
100°-110°	303.4	2.9
110°-120°	190.3	1.8
120°-130°	112.9	1.1
130°-140°	58.6	0.6
140°-150°	23.1	0.2
150°-160°	12.6	0.1
160°-170°	7.5	0.1
170°-180°	1.9	0.0
0°-30°	2193.8	20.7
0°-40°	3617.5	34.1
0°-60°	6581.4	62.0
0°-90°	9455.8	89.0
90°-120°	949.6	8.9
90°-150°	1144.2	10.8
90°-180°	1166.0	11.0
0°-180°	10622.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2813	2813	2813	2813	2813	
5°	2810	2770	2805	2754	2810	268
15°	2710	2704	2685	2661	2710	766
25°	2521	2572	2476	2474	2521	1161
35°	2252	2376	2209	2237	2252	1404
45°	1871	2110	1822	2010	1871	1442
55°	1448	1829	1403	1729	1448	1296
65°	982	1514	930	1464	982	979
75°	501	1263	449	1182	501	538
85°	92	986	81	923	92	123
90°	23	856	9	799	23	24
95°	41	748	1	719	41	14
105°	5	570	12	535	5	6
115°	10	411	20	369	10	12
125°	14	241	11	229	14	12
135°	18	154	10	152	18	12
145°	15	100	15	12	15	8
155°	10	7	5	21	10	4
165°	12	28	16	36	12	3
175°	17	8	9	23	17	1
180°	17	17	17	17	17	

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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1
5°	2810.4	2834.9	2764.3	2855.6	2846.5	2814.8	2770.3	2782.6	2790.5	2745.3	2802.5
10°	2792.2	2788.1	2729.0	2832.5	2810.0	2782.6	2739.8	2763.1	2752.0	2715.5	2776.3
15°	2710.0	2744.8	2696.0	2755.2	2757.6	2749.6	2704.4	2701.6	2691.7	2641.2	2713.6
20°	2627.8	2648.0	2615.0	2678.2	2694.1	2695.3	2642.4	2633.8	2613.8	2557.8	2602.3
25°	2521.0	2540.0	2511.9	2580.9	2585.2	2592.4	2571.8	2518.2	2518.6	2457.1	2485.7
30°	2389.1	2409.0	2383.6	2475.4	2484.5	2482.8	2471.8	2437.6	2419.4	2345.1	2375.6
35°	2251.9	2255.0	2274.0	2313.4	2354.2	2378.5	2376.1	2328.0	2298.7	2204.5	2197.8
40°	2066.1	2077.1	2113.7	2177.6	2206.9	2231.2	2235.5	2206.9	2152.1	2068.5	2042.5
45°	1870.7	1883.4	1956.0	2019.2	2067.3	2116.8	2110.5	2071.1	2022.3	1920.6	1869.5
50°	1656.7	1682.9	1770.7	1853.6	1922.3	1951.7	1965.1	1932.2	1866.3	1764.7	1662.3
55°	1447.9	1471.7	1592.8	1684.1	1754.8	1818.7	1828.6	1779.8	1704.3	1604.3	1468.5
60°	1239.0	1260.2	1371.7	1505.1	1592.3	1671.4	1677.4	1647.6	1527.7	1429.6	1290.7
65°	981.8	1066.0	1181.8	1324.3	1424.8	1540.4	1514.2	1488.0	1392.4	1256.1	1087.8
70°	751.1	832.6	980.6	1131.1	1289.0	1376.0	1376.7	1354.6	1251.8	1092.2	922.2
75°	501.4	632.8	809.0	989.8	1140.9	1231.6	1263.3	1213.3	1083.0	944.8	736.4
80°	283.9	398.3	633.6	839.3	986.9	1073.9	1104.4	1079.4	938.6	775.4	595.8
85°	92.5	274.7	488.6	703.0	861.9	968.6	985.7	927.8	833.8	670.1	441.0
90°	22.6	157.7	369.2	580.4	730.4	827.3	855.9	824.6	718.2	560.5	338.7
95°	40.9	112.0	290.6	463.6	629.7	708.3	747.5	727.8	615.3	462.9	279.0
100°	3.1	46.4	213.9	377.1	528.1	612.2	636.0	631.2	529.3	372.8	202.1
105°	4.8	65.9	148.5	316.8	433.1	540.3	570.1	528.1	432.4	300.2	133.4
110°	9.9	34.1	99.3	232.7	370.4	447.8	464.8	445.9	364.9	240.6	113.2
115°	10.3	28.1	100.0	200.9	284.6	365.6	411.2	345.9	274.0	194.9	102.9
120°	17.5	29.8	77.4	155.3	247.8	263.2	317.3	293.7	224.2	151.2	84.6
125°	13.5	25.5	73.1	121.1	174.7	231.0	241.3	233.4	191.8	128.6	61.5
130°	9.1	30.5	48.8	90.9	161.5	205.3	206.5	192.5	152.9	126.7	32.9
135°	17.5	26.9	37.3	72.6	133.4	152.9	154.1	156.0	127.9	93.3	26.2
140°	20.2	25.0	26.2	36.1	86.5	119.5	127.4	109.1	111.5	54.8	29.3
145°	15.1	29.3	43.3	23.8	45.2	93.3	100.0	104.8	69.5	18.3	38.9
150°	0.0	26.2	48.8	29.8	27.4	20.7	30.5	27.4	15.9	34.1	52.4
155°	10.3	9.1	41.3	29.8	32.9	14.7	7.2	24.3	22.6	36.1	40.9
160°	11.1	11.5	15.9	19.0	34.1	34.6	38.5	54.8	35.3	41.3	15.9
165°	12.3	21.4	13.5	17.5	37.7	20.2	28.1	43.7	28.6	15.9	29.3
170°	12.3	23.1	4.8	6.7	19.0	13.9	34.6	22.6	31.0	20.2	13.9
175°	17.1	23.8	17.1	15.1	31.7	25.5	8.4	1.9	18.3	39.7	0.0
180°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1	2813.1
5°	2775.8	2804.9	2829.4	2785.0	2827.0	2831.8	2828.2	2753.9	2788.6	2783.0	2739.3
10°	2761.2	2765.5	2778.7	2730.6	2785.4	2791.7	2799.6	2721.5	2749.6	2758.8	2726.5
15°	2674.6	2685.0	2724.6	2663.8	2713.6	2727.8	2727.8	2660.7	2696.0	2677.8	2662.4
20°	2618.6	2612.6	2629.7	2585.2	2623.0	2628.5	2661.2	2571.0	2629.7	2624.2	2574.6
25°	2492.0	2476.1	2492.0	2492.0	2523.7	2543.6	2569.4	2473.7	2539.6	2521.8	2463.8
30°	2376.1	2356.6	2362.2	2370.8	2409.8	2420.6	2470.1	2374.9	2432.8	2412.2	2364.6
35°	2221.6	2208.6	2204.5	2240.3	2280.5	2287.9	2339.6	2236.7	2309.8	2270.8	2236.7
40°	2029.0	2029.0	2037.5	2090.6	2122.3	2164.8	2220.4	2120.9	2183.6	2143.5	2091.8
45°	1859.1	1821.9	1817.5	1904.8	1954.1	2007.2	2062.5	2009.6	2048.5	1990.6	1958.9
50°	1644.0	1645.9	1613.0	1695.7	1771.9	1850.5	1905.3	1853.6	1898.1	1857.9	1790.9
55°	1428.9	1403.4	1395.0	1513.7	1606.8	1711.1	1747.6	1728.6	1750.0	1725.7	1620.9
60°	1203.7	1175.1	1197.0	1325.5	1428.4	1552.7	1605.1	1590.4	1571.4	1536.8	1472.2
65°	986.9	930.2	981.8	1128.7	1263.3	1385.9	1443.6	1463.7	1439.9	1390.0	1290.7
70°	744.4	694.4	765.0	921.5	1092.2	1217.6	1285.9	1306.1	1291.9	1225.6	1107.3
75°	530.5	449.0	557.9	752.8	942.9	1064.0	1150.1	1182.3	1148.2	1096.5	958.8
80°	361.7	245.4	373.5	587.2	770.6	931.4	1010.4	1048.4	1017.9	930.6	808.3
85°	232.2	81.0	231.5	436.2	644.4	806.4	884.5	923.4	894.8	819.4	667.7
90°	125.5	9.1	148.5	340.6	530.0	673.0	782.1	799.2	776.1	682.1	550.6
95°	86.5	0.7	85.8	238.7	436.7	582.9	669.4	719.4	686.4	589.6	453.8
100°	53.6	21.9	53.6	189.4	361.2	493.4	570.8	616.5	580.0	489.8	365.6
105°	47.6	11.5	50.0	154.1	293.7	399.7	485.5	534.8	496.3	422.1	307.7
110°	35.3	5.5	25.5	114.4	229.5	354.5	401.4	419.7	416.5	344.2	247.3
115°	28.6	20.2	0.0	101.2	188.2	281.9	323.5	369.2	349.7	275.4	176.7
120°	21.9	25.5	23.8	56.7	137.7	229.5	264.9	300.9	264.9	235.8	151.2
125°	33.4	11.1	39.7	17.5	126.2	198.0	229.5	229.1	231.0	190.6	141.3
130°	20.2	3.1	42.1	9.9	56.0	144.5	182.2	202.1	190.1	154.8	83.4
135°	25.5	10.3	25.0	29.8	24.3	90.9	160.8	151.7	161.5	114.4	15.9
140°	10.3	8.4	27.4	25.0	18.3	13.9	44.5	97.3	59.1	1.9	11.5
145°	37.3	14.7	34.1	45.7	23.8	31.7	25.5	12.3	29.8	0.7	3.6
150°	28.6	0.0	23.1	48.1	27.4	13.5	5.5	4.8	0.0	11.1	23.1
155°	26.2	4.8	43.3	45.2	28.6	52.9	32.9	20.7	33.4	38.5	29.8
160°	28.6	13.9	22.6	39.7	42.1	37.3	45.7	40.1	31.7	37.3	30.5
165°	36.5	16.3	11.5	36.1	34.1	34.1	29.3	36.1	26.2	34.1	12.3
170°	20.2	20.2	34.6	20.2	40.1	31.7	39.7	22.6	21.9	19.0	22.6
175°	14.7	9.1	21.9	16.3	23.8	19.5	28.1	23.1	25.0	17.5	36.1
180°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3



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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	2813.1	2813.1	2813.1
5°	2813.6	2788.1	2810.4
10°	2763.1	2763.1	2792.2
15°	2697.2	2720.3	2710.0
20°	2623.0	2630.9	2627.8
25°	2525.4	2525.4	2521.0
30°	2396.8	2403.0	2389.1
35°	2265.3	2259.3	2251.9
40°	2083.8	2088.2	2066.1
45°	1918.2	1921.1	1870.7
50°	1730.5	1714.2	1656.7
55°	1533.2	1503.9	1447.9
60°	1345.0	1264.0	1239.0
65°	1158.5	1050.1	981.8
70°	960.0	843.6	751.1
75°	769.8	599.9	501.4
80°	609.1	420.9	283.9
85°	477.6	248.5	92.5
90°	368.5	159.6	22.6
95°	273.5	80.5	40.9
100°	202.9	51.7	3.1
105°	148.1	47.6	4.8
110°	109.1	29.3	9.9
115°	106.0	33.4	10.3
120°	67.5	28.1	17.5
125°	21.4	40.9	13.5
130°	6.0	10.3	9.1
135°	33.4	23.8	17.5
140°	34.1	21.9	20.2
145°	31.0	36.5	15.1
150°	21.4	31.7	0.0
155°	34.1	22.6	10.3
160°	17.5	15.9	11.1
165°	28.6	23.1	12.3
170°	29.3	13.5	12.3
175°	8.4	11.5	17.1
180°	17.3	17.3	17.3

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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	17.42	18.90	17.95	19.43	20.00	20.56	22.04	21.09	22.57	23.14
	3H	18.81	20.16	19.34	20.69	21.30	23.29	24.65	23.83	25.18	25.79
	4H	19.22	20.50	19.77	21.05	21.68	24.67	25.96	25.23	26.51	27.13
	6H	19.44	20.64	20.01	21.20	21.84	26.12	27.32	26.69	27.88	28.52
	8H	19.48	20.63	20.06	21.21	21.86	26.88	28.03	27.46	28.62	29.26
	12H	19.48	20.58	20.07	21.16	21.84	27.74	28.84	28.33	29.42	30.10
4H	2H	18.42	19.70	18.97	20.25	20.88	20.87	22.15	21.43	22.70	23.33
	3H	20.04	21.13	20.61	21.72	22.37	23.80	24.90	24.37	25.49	26.13
	4H	20.59	21.60	21.18	22.20	22.87	25.31	26.32	25.90	26.92	27.60
	6H	20.92	21.82	21.53	22.44	23.13	26.94	27.83	27.54	28.46	29.14
	8H	21.00	21.84	21.61	22.46	23.17	27.80	28.64	28.41	29.26	29.97
	12H	21.03	21.80	21.66	22.44	23.15	28.77	29.54	29.41	30.19	30.89
8H	4H	21.39	22.24	22.01	22.86	23.56	25.45	26.29	26.07	26.92	27.62
	6H	21.93	22.65	22.57	23.31	24.02	27.21	27.93	27.85	28.59	29.30
	8H	22.10	22.75	22.76	23.42	24.14	28.19	28.83	28.84	29.51	30.23
	12H	22.20	22.78	22.86	23.44	24.23	29.32	29.89	29.97	30.56	31.34
12H	4H	21.63	22.40	22.27	23.05	23.76	25.45	26.22	26.08	26.86	27.57
	6H	22.29	22.93	22.94	23.61	24.33	27.23	27.87	27.88	28.55	29.27
	8H	22.56	23.14	23.22	23.80	24.58	28.26	28.84	28.92	29.50	30.28