

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: P995673

Luminaire Tested: 4SLSTPSLC-HI-5000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995673
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: 4SLSTPSLC-HI-5000K
Description: 4' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

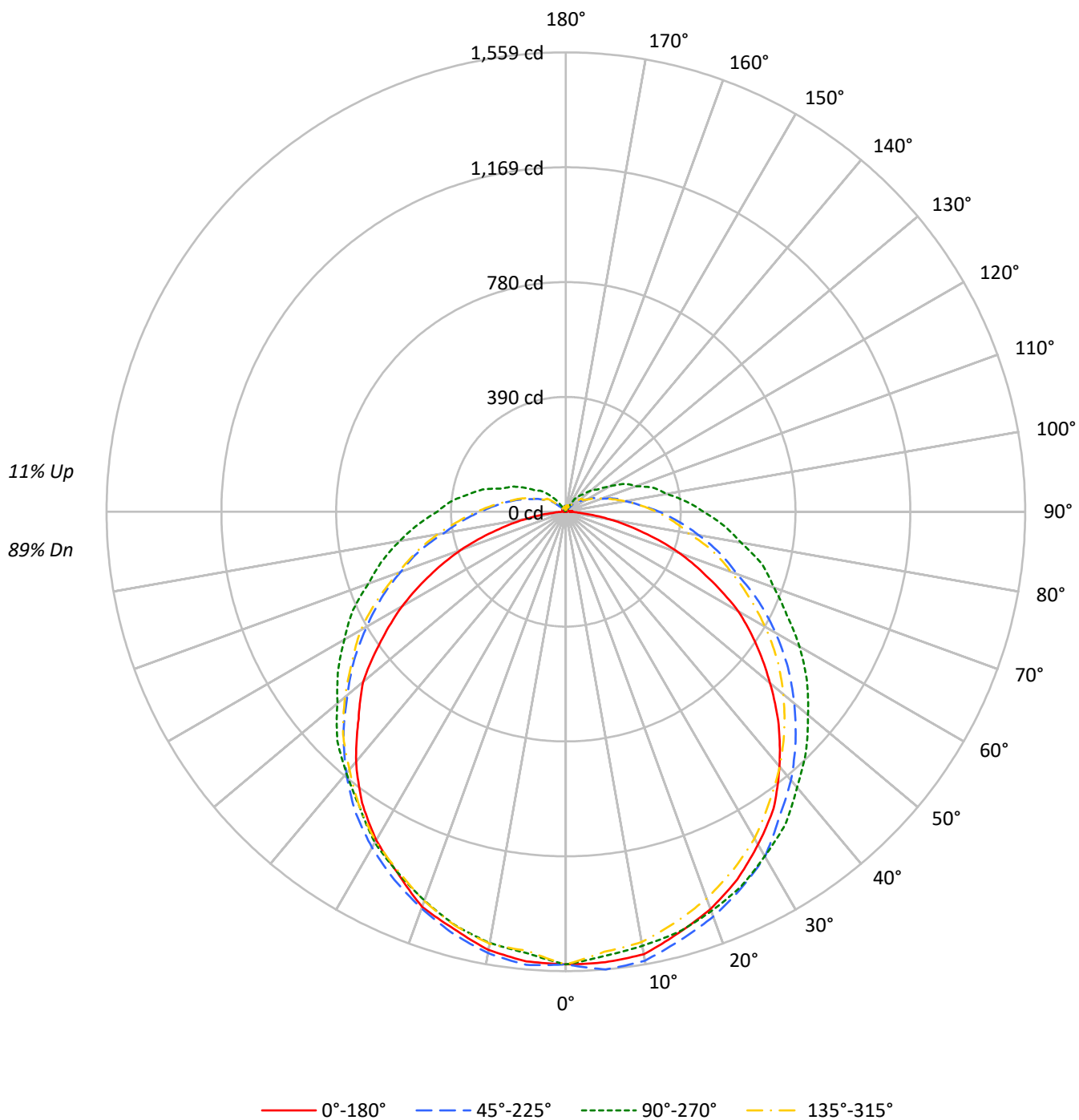
Lumens per Lamp: N/A
Luminaire Lumens: 5800.0 lumens
Efficiency: N/A
Efficacy: 120.8 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 3.88' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 48
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: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

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°	19981	19981	19981	19981
5°	19942	18164	19903	18057
10°	19944	16798	19755	16686
15°	19637	15684	19457	15430
20°	19473	14644	19360	14248
25°	19263	13746	18919	13221
30°	18990	12853	18732	12349
35°	18801	12118	18440	11407
40°	18310	11271	17982	10693
45°	17809	10600	17345	10093
50°	17178	9907	17066	9345
55°	16622	9326	16111	8816
60°	16067	8722	15238	8269
65°	14757	8093	13981	7824
70°	13546	7629	12526	7238
75°	11414	7326	10221	6857
80°	8846	6772	7648	6429
85°	4624	6462	4047	6054

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17809 cd/sqm

TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.3	2.5
10°-20°	417.0	7.2
20°-30°	635.5	11.0
30°-40°	777.4	13.4
40°-50°	828.1	14.3
50°-60°	790.3	13.6
60°-70°	680.1	11.7
70°-80°	523.8	9.0
80°-90°	365.7	6.3
90°-100°	248.9	4.3
100°-110°	165.7	2.9
110°-120°	103.9	1.8
120°-130°	61.7	1.1
130°-140°	32.0	0.6
140°-150°	12.6	0.2
150°-160°	6.9	0.1
160°-170°	4.1	0.1
170°-180°	1.0	0.0
0°-30°	1197.9	20.7
0°-40°	1975.3	34.1
0°-60°	3593.7	62.0
0°-90°	5163.2	89.0
90°-120°	518.5	8.9
90°-150°	624.8	10.8
90°-180°	637.0	11.0
0°-180°	5800.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1536	1536	1536	1536	1536	
5°	1535	1513	1532	1504	1535	146
15°	1480	1477	1466	1453	1480	418
25°	1377	1404	1352	1351	1377	634
35°	1230	1297	1206	1221	1230	767
45°	1021	1152	995	1097	1021	787
55°	791	998	766	944	791	708
65°	536	827	508	799	536	534
75°	274	690	245	646	274	293
85°	50	538	44	504	50	67
90°	12	467	5	436	12	13
95°	22	408	0	393	22	8
105°	3	311	6	292	3	3
115°	6	225	11	202	6	6
125°	7	132	6	125	7	7
135°	10	84	6	83	10	7
145°	8	55	8	7	8	4
155°	6	4	3	11	6	2
165°	7	15	9	20	7	2
175°	9	5	5	13	9	1
180°	9	9	9	9	9	

TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0
5°	1534.6	1548.0	1509.4	1559.3	1554.3	1537.0	1512.7	1519.4	1523.7	1499.0	1530.3
10°	1524.6	1522.4	1490.1	1546.7	1534.3	1519.4	1496.0	1508.7	1502.7	1482.8	1516.0
15°	1479.7	1498.8	1472.1	1504.4	1505.7	1501.4	1476.7	1475.1	1469.8	1442.2	1481.7
20°	1434.9	1445.9	1427.9	1462.4	1471.1	1471.7	1442.9	1438.1	1427.2	1396.7	1420.9
25°	1376.6	1387.0	1371.6	1409.3	1411.6	1415.6	1404.3	1375.0	1375.3	1341.7	1357.3
30°	1304.5	1315.4	1301.5	1351.6	1356.6	1355.7	1349.7	1331.0	1321.1	1280.5	1297.2
35°	1229.6	1231.3	1241.7	1263.2	1285.5	1298.8	1297.4	1271.2	1255.2	1203.7	1200.1
40°	1128.1	1134.2	1154.1	1189.0	1205.1	1218.3	1220.7	1205.1	1175.1	1129.5	1115.3
45°	1021.4	1028.4	1068.0	1102.6	1128.8	1155.8	1152.4	1130.9	1104.3	1048.7	1020.8
50°	904.6	918.9	966.9	1012.1	1049.7	1065.7	1073.0	1055.0	1019.1	963.6	907.7
55°	790.6	803.6	869.7	919.6	958.2	993.1	998.5	971.8	930.6	876.0	801.9
60°	676.5	688.1	749.0	821.8	869.5	912.6	915.9	899.7	834.2	780.6	704.8
65°	536.1	582.1	645.3	723.1	778.0	841.1	826.8	812.5	760.3	685.9	594.0
70°	410.1	454.6	535.5	617.6	703.8	751.4	751.7	739.7	683.5	596.4	503.6
75°	273.8	345.6	441.8	540.4	623.0	672.5	689.8	662.5	591.4	515.9	402.1
80°	155.0	217.5	346.0	458.3	538.9	586.4	603.1	589.4	512.5	423.4	325.3
85°	50.5	150.0	266.8	383.9	470.6	528.9	538.2	506.6	455.3	365.9	240.8
90°	12.3	86.1	201.6	316.9	398.8	451.7	467.3	450.3	392.1	306.1	184.9
95°	22.3	61.2	158.7	253.2	343.9	386.8	408.2	397.4	336.0	252.8	152.4
100°	1.7	25.3	116.8	205.9	288.3	334.3	347.3	344.6	289.0	203.6	110.4
105°	2.6	36.0	81.1	173.0	236.5	295.0	311.3	288.3	236.1	163.9	72.8
110°	5.4	18.6	54.2	127.0	202.2	244.5	253.8	243.5	199.2	131.4	61.8
115°	5.6	15.4	54.6	109.7	155.4	199.6	224.6	188.9	149.6	106.4	56.2
120°	9.6	16.3	42.3	84.8	135.3	143.7	173.2	160.4	122.4	82.6	46.2
125°	7.3	13.9	39.9	66.1	95.4	126.1	131.8	127.4	104.7	70.2	33.6
130°	5.0	16.7	26.6	49.6	88.2	112.1	112.7	105.1	83.5	69.2	18.0
135°	9.6	14.7	20.3	39.6	72.8	83.5	84.1	85.2	69.8	50.9	14.3
140°	11.0	13.6	14.3	19.7	47.2	65.2	69.6	59.6	60.9	29.9	16.0
145°	8.3	16.0	23.6	13.0	24.7	50.9	54.6	57.2	37.9	10.0	21.3
150°	0.0	14.3	26.6	16.3	15.0	11.3	16.7	15.0	8.7	18.6	28.6
155°	5.6	5.0	22.6	16.3	18.0	8.0	3.9	13.3	12.3	19.7	22.3
160°	6.0	6.3	8.7	10.4	18.6	18.9	21.0	29.9	19.3	22.6	8.7
165°	6.7	11.7	7.3	9.6	20.6	11.0	15.4	23.9	15.6	8.7	16.0
170°	6.7	12.6	2.6	3.7	10.4	7.6	18.9	12.3	16.9	11.0	7.6
175°	9.3	13.0	9.3	8.3	17.3	13.9	4.6	1.0	10.0	21.7	0.0
180°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4

TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0
5°	1515.7	1531.6	1545.0	1520.7	1543.7	1546.3	1544.3	1503.8	1522.7	1519.6	1495.8
10°	1507.7	1510.1	1517.3	1491.0	1520.9	1524.4	1528.7	1486.0	1501.4	1506.4	1488.8
15°	1460.4	1466.1	1487.7	1454.5	1481.7	1489.5	1489.5	1452.8	1472.1	1462.2	1453.8
20°	1429.9	1426.6	1435.9	1411.6	1432.2	1435.2	1453.1	1403.9	1435.9	1432.9	1405.9
25°	1360.7	1352.0	1360.7	1360.7	1378.0	1388.9	1403.0	1350.7	1386.7	1377.0	1345.3
30°	1297.4	1286.8	1289.8	1294.6	1315.8	1321.7	1348.8	1296.8	1328.4	1317.1	1291.1
35°	1213.1	1206.0	1203.7	1223.3	1245.2	1249.3	1277.5	1221.3	1261.2	1240.0	1221.3
40°	1107.9	1107.9	1112.5	1141.5	1158.9	1182.1	1212.4	1158.1	1192.3	1170.4	1142.2
45°	1015.1	994.8	992.4	1040.1	1067.0	1096.0	1126.2	1097.3	1118.6	1086.9	1069.6
50°	897.7	898.7	880.8	925.9	967.5	1010.4	1040.3	1012.1	1036.4	1014.5	977.9
55°	780.2	766.3	761.7	826.6	877.3	934.3	954.3	943.9	955.6	942.3	885.1
60°	657.3	641.6	653.6	723.8	780.0	847.8	876.4	868.4	858.1	839.2	803.8
65°	538.9	507.9	536.1	616.3	689.8	756.7	788.2	799.3	786.3	759.0	704.8
70°	406.5	379.2	417.7	503.2	596.4	664.9	702.1	713.2	705.4	669.2	604.6
75°	289.6	245.2	304.6	411.0	514.9	581.0	628.0	645.6	626.9	598.7	523.5
80°	197.5	134.0	203.9	320.6	420.8	508.6	551.7	572.5	555.8	508.2	441.4
85°	126.8	44.2	126.4	238.2	351.9	440.3	483.0	504.2	488.6	447.4	364.6
90°	68.5	5.0	81.1	186.0	289.4	367.5	427.1	436.4	423.8	372.5	300.7
95°	47.2	0.4	46.9	130.3	238.5	318.3	365.5	392.8	374.8	321.9	247.8
100°	29.3	11.9	29.3	103.4	197.3	269.4	311.7	336.6	316.7	267.5	199.6
105°	26.0	6.3	27.3	84.1	160.4	218.3	265.1	292.0	271.0	230.5	168.0
110°	19.3	3.0	13.9	62.5	125.3	193.6	219.2	229.1	227.4	187.9	135.0
115°	15.6	11.0	0.0	55.3	102.8	153.9	176.7	201.6	191.0	150.4	96.5
120°	11.9	13.9	13.0	31.0	75.2	125.3	144.6	164.3	144.6	128.7	82.6
125°	18.2	6.0	21.7	9.6	68.9	108.1	125.3	125.1	126.1	104.1	77.2
130°	11.0	1.7	23.0	5.4	30.6	78.9	99.5	110.4	103.8	84.5	45.5
135°	13.9	5.6	13.6	16.3	13.3	49.6	87.8	82.8	88.2	62.5	8.7
140°	5.6	4.6	15.0	13.6	10.0	7.6	24.3	53.2	32.3	1.0	6.3
145°	20.3	8.0	18.6	24.9	13.0	17.3	13.9	6.7	16.3	0.4	2.0
150°	15.6	0.0	12.6	26.2	15.0	7.3	3.0	2.6	0.0	6.0	12.6
155°	14.3	2.6	23.6	24.7	15.6	28.9	18.0	11.3	18.2	21.0	16.3
160°	15.6	7.6	12.3	21.7	23.0	20.3	24.9	21.9	17.3	20.3	16.7
165°	19.9	8.9	6.3	19.7	18.6	18.6	16.0	19.7	14.3	18.6	6.7
170°	11.0	11.0	18.9	11.0	21.9	17.3	21.7	12.3	11.9	10.4	12.3
175°	8.0	5.0	11.9	8.9	13.0	10.6	15.4	12.6	13.6	9.6	19.7
180°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4



TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1536.0	1536.0	1536.0
5°	1536.3	1522.4	1534.6
10°	1508.7	1508.7	1524.6
15°	1472.8	1485.4	1479.7
20°	1432.2	1436.6	1434.9
25°	1378.9	1378.9	1376.6
30°	1308.7	1312.1	1304.5
35°	1236.9	1233.7	1229.6
40°	1137.9	1140.2	1128.1
45°	1047.4	1049.0	1021.4
50°	944.9	936.0	904.6
55°	837.2	821.2	790.6
60°	734.4	690.2	676.5
65°	632.6	573.4	536.1
70°	524.2	460.7	410.1
75°	420.4	327.6	273.8
80°	332.6	229.8	155.0
85°	260.8	135.7	50.5
90°	201.2	87.1	12.3
95°	149.4	44.0	22.3
100°	110.8	28.2	1.7
105°	80.8	26.0	2.6
110°	59.6	16.0	5.4
115°	57.9	18.2	5.6
120°	36.9	15.4	9.6
125°	11.7	22.3	7.3
130°	3.3	5.6	5.0
135°	18.2	13.0	9.6
140°	18.6	11.9	11.0
145°	16.9	19.9	8.3
150°	11.7	17.3	0.0
155°	18.6	12.3	5.6
160°	9.6	8.7	6.0
165°	15.6	12.6	6.7
170°	16.0	7.3	6.7
175°	4.6	6.3	9.3
180°	9.4	9.4	9.4

TEST NUMBER: P995673

CATALOG NUMBER: 4SLSTPSLC-HI-5000K

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	17.81	19.29	18.33	19.82	20.39	20.87	22.35	21.40	22.88	23.45
	3H	19.19	20.55	19.73	21.08	21.69	23.57	24.92	24.11	25.46	26.07
	4H	19.61	20.89	20.17	21.44	22.07	24.92	26.21	25.48	26.76	27.38
	6H	19.83	21.03	20.40	21.59	22.23	26.33	27.52	26.90	28.09	28.73
	8H	19.87	21.02	20.45	21.60	22.25	27.05	28.20	27.63	28.79	29.43
	12H	19.87	20.98	20.46	21.56	22.23	27.85	28.95	28.44	29.53	30.20
4H	2H	18.79	20.08	19.35	20.63	21.25	21.19	22.47	21.74	23.02	23.65
	3H	20.41	21.51	20.98	22.10	22.75	24.08	25.18	24.65	25.77	26.42
	4H	20.97	21.98	21.56	22.58	23.25	25.58	26.59	26.16	27.18	27.86
	6H	21.30	22.20	21.91	22.82	23.51	27.16	28.05	27.77	28.68	29.37
	8H	21.38	22.22	21.99	22.84	23.55	27.99	28.83	28.60	29.45	30.16
	12H	21.41	22.18	22.04	22.83	23.53	28.90	29.67	29.54	30.32	31.03
8H	4H	21.76	22.60	22.38	23.23	23.93	25.72	26.56	26.33	27.19	27.89
	6H	22.30	23.02	22.94	23.68	24.39	27.44	28.16	28.08	28.82	29.53
	8H	22.47	23.12	23.13	23.79	24.51	28.39	29.03	29.04	29.71	30.43
	12H	22.57	23.15	23.23	23.81	24.60	29.47	30.05	30.12	30.71	31.49
12H	4H	21.99	22.76	22.63	23.41	24.12	25.72	26.48	26.35	27.13	27.84
	6H	22.65	23.30	23.30	23.97	24.69	27.46	28.11	28.11	28.78	29.50
	8H	22.92	23.50	23.58	24.16	24.95	28.46	29.04	29.12	29.70	30.49