

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: P995672

Luminaire Tested: 4SLSTPSLC-HI-4000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995672
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-4000K
Description: 4' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

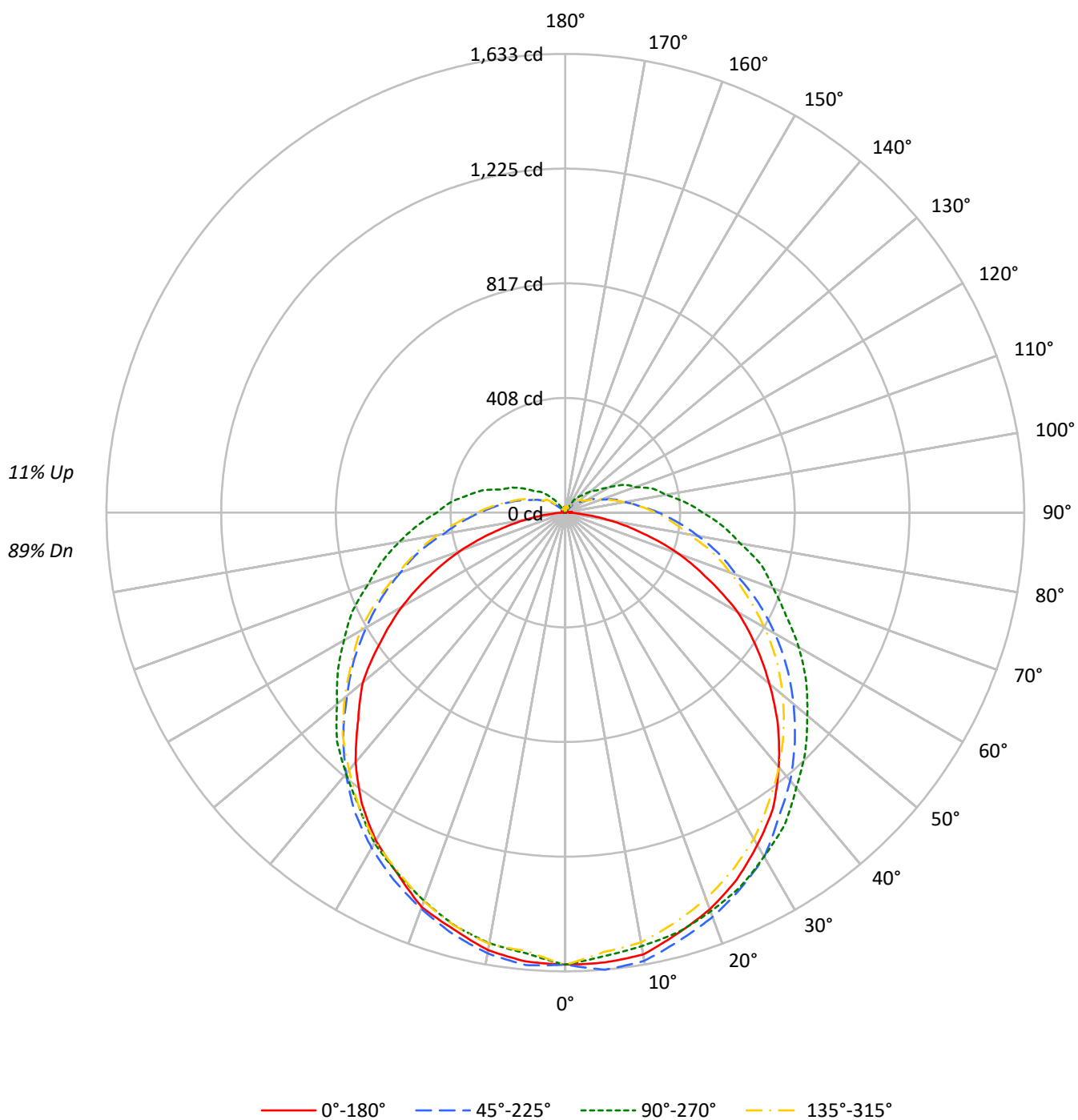
Lumens per Lamp: N/A
Luminaire Lumens: 6075.0 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 3.88' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 46
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: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

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°	20929	20929	20929	20929
5°	20888	19024	20847	18913
10°	20890	17595	20691	17478
15°	20569	16428	20379	16162
20°	20396	15338	20277	14923
25°	20177	14398	19816	13849
30°	19891	13462	19620	12935
35°	19692	12693	19314	11948
40°	19178	11805	18835	11200
45°	18654	11103	18168	10571
50°	17993	10377	17875	9788
55°	17410	9768	16874	9234
60°	16829	9136	15962	8662
65°	15456	8477	14644	8195
70°	14191	7991	13117	7581
75°	11951	7674	10705	7182
80°	9263	7092	8013	6733
85°	4844	6769	4240	6341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18654 cd/sqm

TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.2	2.5
10°-20°	436.8	7.2
20°-30°	665.7	11.0
30°-40°	814.3	13.4
40°-50°	867.4	14.3
50°-60°	827.8	13.6
60°-70°	712.3	11.7
70°-80°	548.6	9.0
80°-90°	383.0	6.3
90°-100°	260.7	4.3
100°-110°	173.5	2.9
110°-120°	108.9	1.8
120°-130°	64.6	1.1
130°-140°	33.5	0.6
140°-150°	13.2	0.2
150°-160°	7.2	0.1
160°-170°	4.3	0.1
170°-180°	1.1	0.0
0°-30°	1254.7	20.7
0°-40°	2068.9	34.1
0°-60°	3764.1	62.0
0°-90°	5408.0	89.0
90°-120°	543.1	8.9
90°-150°	654.4	10.8
90°-180°	667.0	11.0
0°-180°	6075.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1609	1609	1609	1609	1609	
5°	1607	1584	1604	1575	1607	153
15°	1550	1547	1536	1522	1550	438
25°	1442	1471	1416	1415	1442	664
35°	1288	1359	1263	1279	1288	803
45°	1070	1207	1042	1149	1070	825
55°	828	1046	803	989	828	741
65°	562	866	532	837	562	560
75°	287	722	257	676	287	307
85°	53	564	46	528	53	70
90°	13	490	5	457	13	14
95°	23	428	0	411	23	8
105°	3	326	7	306	3	3
115°	6	235	12	211	6	7
125°	8	138	6	131	8	7
135°	10	88	6	87	10	7
145°	9	57	8	7	9	5
155°	6	4	3	12	6	2
165°	7	16	9	21	7	2
175°	10	5	5	13	10	1
180°	10	10	10	10	10	

TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9
5°	1607.4	1621.4	1581.0	1633.2	1628.0	1609.8	1584.4	1591.4	1596.0	1570.1	1602.8
10°	1596.9	1594.6	1560.8	1620.0	1607.1	1591.4	1566.9	1580.3	1574.0	1553.1	1587.8
15°	1549.9	1569.8	1541.9	1575.7	1577.1	1572.6	1546.7	1545.1	1539.5	1510.6	1552.0
20°	1502.9	1514.4	1495.6	1531.8	1540.8	1541.5	1511.3	1506.3	1494.9	1462.9	1488.3
25°	1441.9	1452.7	1436.6	1476.1	1478.6	1482.7	1470.9	1440.2	1440.5	1405.3	1421.6
30°	1366.4	1377.8	1363.2	1415.7	1421.0	1420.0	1413.7	1394.2	1383.7	1341.2	1358.7
35°	1287.9	1289.7	1300.5	1323.1	1346.5	1360.3	1359.0	1331.5	1314.7	1260.8	1257.0
40°	1181.6	1188.0	1208.9	1245.4	1262.2	1276.1	1278.5	1262.2	1230.8	1183.0	1168.2
45°	1069.9	1077.2	1118.7	1154.8	1182.3	1210.6	1207.1	1184.5	1156.6	1098.5	1069.2
50°	947.5	962.5	1012.7	1060.1	1099.4	1116.2	1123.9	1105.1	1067.4	1009.3	950.7
55°	828.1	841.7	911.0	963.2	1003.6	1040.2	1045.8	1017.9	974.8	917.6	839.9
60°	708.6	720.7	784.5	860.8	910.7	955.9	959.4	942.3	873.7	817.6	738.2
65°	561.5	609.7	675.9	757.4	814.9	881.0	866.0	851.0	796.3	718.4	622.2
70°	429.6	476.2	560.9	646.9	737.2	787.0	787.4	774.7	715.9	624.6	527.4
75°	286.7	361.9	462.7	566.1	652.5	704.4	722.5	693.9	619.4	540.4	421.2
80°	162.3	227.8	362.4	480.0	564.4	614.2	631.6	617.3	536.8	443.5	340.8
85°	52.9	157.1	279.5	402.1	492.9	554.0	563.7	530.6	476.9	383.2	252.2
90°	12.9	90.2	211.1	332.0	417.8	473.1	489.5	471.6	410.7	320.6	193.7
95°	23.4	64.1	166.2	265.2	360.2	405.1	427.5	416.2	351.9	264.8	159.6
100°	1.8	26.5	122.3	215.7	302.0	350.1	363.7	361.0	302.7	213.2	115.6
105°	2.7	37.7	85.0	181.2	247.7	309.0	326.1	302.0	247.3	171.7	76.3
110°	5.6	19.5	56.8	133.1	211.8	256.1	265.9	255.0	208.7	137.6	64.7
115°	5.9	16.1	57.2	114.9	162.8	209.1	235.2	197.8	156.7	111.5	58.8
120°	10.0	17.0	44.3	88.8	141.7	150.5	181.5	168.0	128.3	86.5	48.4
125°	7.7	14.6	41.8	69.3	99.9	132.1	138.0	133.5	109.7	73.5	35.2
130°	5.2	17.5	27.9	52.0	92.4	117.4	118.1	110.1	87.4	72.4	18.8
135°	10.0	15.4	21.3	41.5	76.3	87.4	88.1	89.2	73.1	53.3	15.0
140°	11.5	14.3	15.0	20.6	49.5	68.3	72.9	62.4	63.8	31.3	16.8
145°	8.7	16.8	24.7	13.6	25.8	53.3	57.2	59.9	39.7	10.4	22.3
150°	0.0	15.0	27.9	17.0	15.7	11.8	17.5	15.7	9.1	19.5	30.0
155°	5.9	5.2	23.6	17.0	18.8	8.4	4.1	13.9	12.9	20.6	23.4
160°	6.3	6.6	9.1	10.9	19.5	19.8	22.0	31.3	20.2	23.6	9.1
165°	7.0	12.2	7.7	10.0	21.6	11.5	16.1	25.0	16.4	9.1	16.8
170°	7.0	13.2	2.7	3.8	10.9	8.0	19.8	12.9	17.7	11.5	8.0
175°	9.8	13.6	9.8	8.7	18.1	14.6	4.8	1.1	10.4	22.7	0.0
180°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9	1608.9
5°	1587.6	1604.2	1618.2	1592.8	1616.8	1619.6	1617.5	1575.1	1594.9	1591.7	1566.7
10°	1579.2	1581.7	1589.2	1561.7	1593.1	1596.6	1601.2	1556.5	1572.6	1577.8	1559.4
15°	1529.7	1535.6	1558.3	1523.5	1552.0	1560.1	1560.1	1521.7	1541.9	1531.5	1522.7
20°	1497.7	1494.2	1504.0	1478.6	1500.1	1503.3	1522.0	1470.4	1504.0	1500.8	1472.5
25°	1425.2	1416.1	1425.2	1425.2	1443.4	1454.8	1469.5	1414.8	1452.4	1442.3	1409.1
30°	1359.0	1347.8	1351.0	1355.9	1378.2	1384.4	1412.7	1358.3	1391.4	1379.6	1352.4
35°	1270.6	1263.2	1260.8	1281.3	1304.3	1308.5	1338.1	1279.2	1321.0	1298.8	1279.2
40°	1160.5	1160.5	1165.3	1195.7	1213.8	1238.1	1269.9	1213.0	1248.9	1225.9	1196.3
45°	1063.3	1042.0	1039.5	1089.4	1117.6	1148.0	1179.6	1149.3	1171.6	1138.5	1120.3
50°	940.2	941.3	922.5	969.8	1013.4	1058.3	1089.7	1060.1	1085.5	1062.6	1024.2
55°	817.2	802.6	797.8	865.7	918.9	978.6	999.5	988.6	1000.9	987.0	927.1
60°	688.4	672.1	684.6	758.1	816.9	888.0	918.0	909.6	898.7	878.9	842.0
65°	564.4	532.0	561.5	645.5	722.5	792.6	825.6	837.2	823.5	795.0	738.2
70°	425.7	397.1	437.5	527.0	624.6	696.4	735.4	747.0	738.9	700.9	633.3
75°	303.4	256.8	319.1	430.5	539.3	608.6	657.8	676.2	656.7	627.1	548.3
80°	206.9	140.4	213.6	335.8	440.7	532.7	577.9	599.6	582.2	532.3	462.3
85°	132.8	46.3	132.4	249.5	368.5	461.2	505.9	528.1	511.8	468.6	381.9
90°	71.8	5.2	85.0	194.8	303.1	384.9	447.3	457.1	443.9	390.1	314.9
95°	49.5	0.4	49.1	136.5	249.8	333.3	382.8	411.4	392.6	337.2	259.5
100°	30.7	12.5	30.7	108.3	206.6	282.2	326.5	352.6	331.7	280.2	209.1
105°	27.2	6.6	28.6	88.1	168.0	228.6	277.7	305.9	283.9	241.4	176.0
110°	20.2	3.2	14.6	65.4	131.3	202.8	229.6	240.0	238.2	196.8	141.4
115°	16.4	11.5	0.0	57.9	107.6	161.2	185.0	211.1	200.0	157.5	101.0
120°	12.5	14.6	13.6	32.4	78.8	131.3	151.5	172.1	151.5	134.9	86.5
125°	19.1	6.3	22.7	10.0	72.2	113.3	131.3	131.0	132.1	109.0	80.8
130°	11.5	1.8	24.1	5.6	32.0	82.6	104.2	115.6	108.7	88.5	47.7
135°	14.6	5.9	14.3	17.0	13.9	52.0	92.0	86.7	92.4	65.4	9.1
140°	5.9	4.8	15.7	14.3	10.4	8.0	25.4	55.7	33.8	1.1	6.6
145°	21.3	8.4	19.5	26.1	13.6	18.1	14.6	7.0	17.0	0.4	2.1
150°	16.4	0.0	13.2	27.5	15.7	7.7	3.2	2.7	0.0	6.3	13.2
155°	15.0	2.7	24.7	25.8	16.4	30.2	18.8	11.8	19.1	22.0	17.0
160°	16.4	8.0	12.9	22.7	24.1	21.3	26.1	23.0	18.1	21.3	17.5
165°	20.9	9.3	6.6	20.6	19.5	19.5	16.8	20.6	15.0	19.5	7.0
170°	11.5	11.5	19.8	11.5	23.0	18.1	22.7	12.9	12.5	10.9	12.9
175°	8.4	5.2	12.5	9.3	13.6	11.1	16.1	13.2	14.3	10.0	20.6
180°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9



TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1608.9	1608.9	1608.9
5°	1609.1	1594.6	1607.4
10°	1580.3	1580.3	1596.9
15°	1542.6	1555.8	1549.9
20°	1500.1	1504.7	1502.9
25°	1444.3	1444.3	1441.9
30°	1370.8	1374.4	1366.4
35°	1295.6	1292.2	1287.9
40°	1191.8	1194.3	1181.6
45°	1097.1	1098.7	1069.9
50°	989.7	980.4	947.5
55°	876.9	860.1	828.1
60°	769.2	722.9	708.6
65°	662.6	600.6	561.5
70°	549.0	482.5	429.6
75°	440.3	343.1	286.7
80°	348.3	240.7	162.3
85°	273.1	142.1	52.9
90°	210.7	91.3	12.9
95°	156.4	46.1	23.4
100°	116.0	29.6	1.8
105°	84.7	27.2	2.7
110°	62.4	16.8	5.6
115°	60.6	19.1	5.9
120°	38.6	16.1	10.0
125°	12.2	23.4	7.7
130°	3.4	5.9	5.2
135°	19.1	13.6	10.0
140°	19.5	12.5	11.5
145°	17.7	20.9	8.7
150°	12.2	18.1	0.0
155°	19.5	12.9	5.9
160°	10.0	9.1	6.3
165°	16.4	13.2	7.0
170°	16.8	7.7	7.0
175°	4.8	6.6	9.8
180°	9.9	9.9	9.9

TEST NUMBER: P995672

CATALOG NUMBER: 4SLSTPSLC-HI-4000K

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	17.97	19.45	18.50	19.98	20.55	21.03	22.51	21.56	23.04	23.61
	3H	19.36	20.71	19.89	21.24	21.85	23.73	25.09	24.27	25.62	26.23
	4H	19.77	21.05	20.33	21.60	22.23	25.08	26.37	25.64	26.92	27.54
	6H	19.99	21.19	20.56	21.75	22.40	26.49	27.68	27.06	28.25	28.89
	8H	20.03	21.18	20.61	21.77	22.41	27.21	28.36	27.79	28.95	29.59
	12H	20.04	21.14	20.62	21.72	22.39	28.01	29.11	28.60	29.69	30.37
4H	2H	18.95	20.24	19.51	20.79	21.41	21.35	22.63	21.90	23.18	23.81
	3H	20.57	21.67	21.14	22.26	22.91	24.25	25.34	24.82	25.94	26.58
	4H	21.13	22.14	21.72	22.74	23.41	25.74	26.75	26.33	27.35	28.02
	6H	21.46	22.36	22.07	22.98	23.67	27.32	28.21	27.93	28.84	29.53
	8H	21.54	22.38	22.15	23.00	23.71	28.15	28.99	28.76	29.61	30.32
	12H	21.57	22.34	22.21	22.99	23.70	29.06	29.83	29.70	30.48	31.19
8H	4H	21.92	22.77	22.54	23.39	24.09	25.88	26.72	26.49	27.35	28.05
	6H	22.46	23.18	23.10	23.84	24.55	27.60	28.32	28.24	28.98	29.69
	8H	22.63	23.28	23.29	23.95	24.67	28.55	29.20	29.20	29.87	30.59
	12H	22.73	23.31	23.39	23.97	24.76	29.63	30.21	30.28	30.87	31.65
12H	4H	22.15	22.92	22.79	23.57	24.28	25.88	26.64	26.51	27.29	28.00
	6H	22.81	23.46	23.46	24.13	24.85	27.62	28.27	28.27	28.94	29.66
	8H	23.08	23.66	23.74	24.32	25.11	28.62	29.20	29.28	29.86	30.65