

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: P995679

Luminaire Tested: 4SLSTPSLC-MED-5000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995679
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-MED-5000K
Description: 4' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

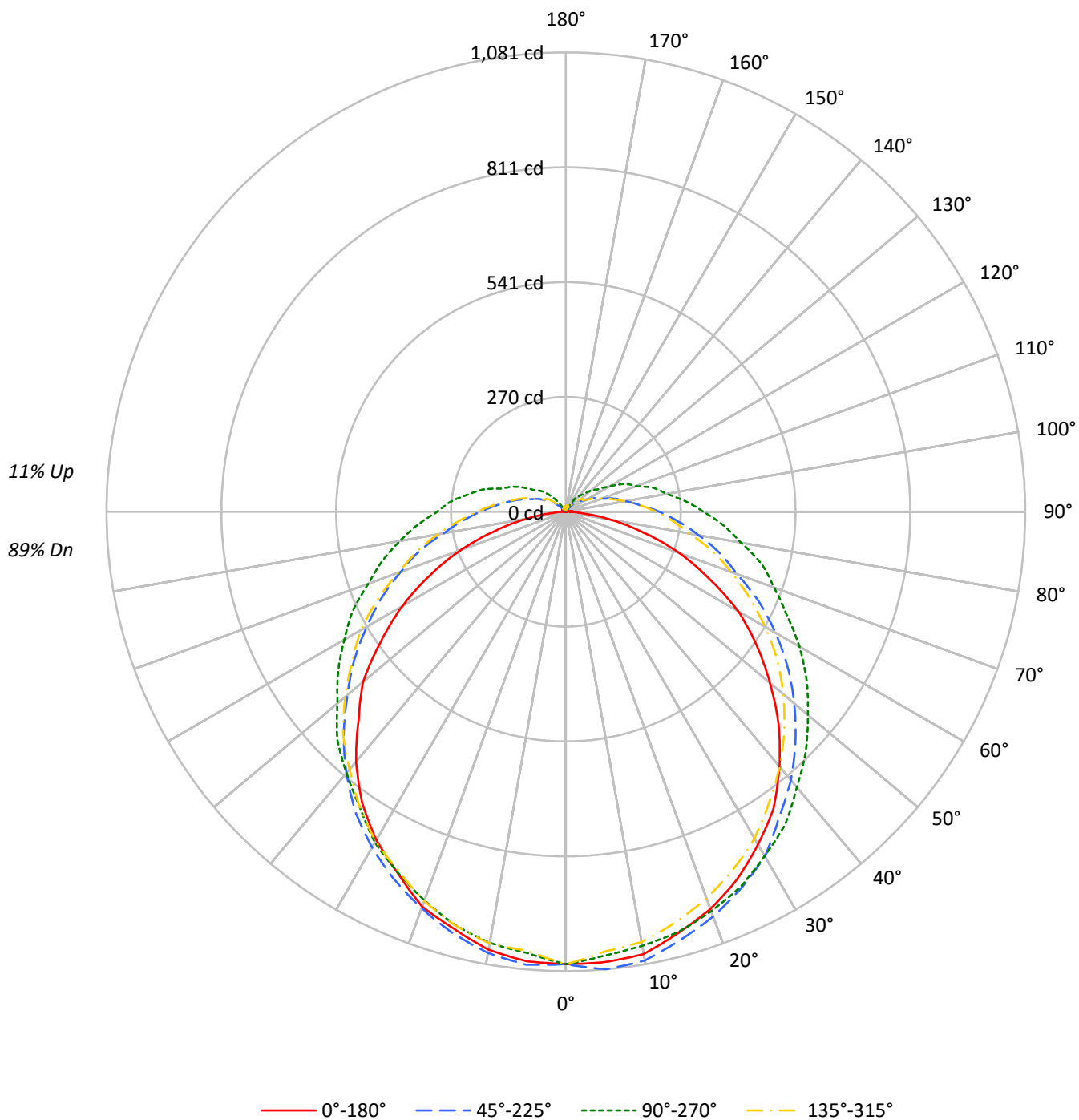
Lumens per Lamp: N/A
Luminaire Lumens: 4020.0 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 3.88' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 30
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: 4SLSTPSLC-MED-5000K

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°	13848	13848	13848	13848
5°	13822	12588	13794	12515
10°	13823	11643	13691	11566
15°	13611	10871	13486	10695
20°	13496	10150	13419	9875
25°	13351	9527	13113	9164
30°	13163	8908	12984	8559
35°	13030	8400	12781	7906
40°	12691	7812	12463	7412
45°	12344	7347	12022	6995
50°	11907	6867	11829	6477
55°	11521	6463	11166	6110
60°	11136	6045	10561	5732
65°	10229	5610	9689	5423
70°	9391	5288	8681	5017
75°	7908	5078	7083	4752
80°	6130	4694	5302	4456
85°	3205	4479	2811	4197

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.7	2.5
10°-20°	289.0	7.2
20°-30°	440.5	11.0
30°-40°	538.8	13.4
40°-50°	574.0	14.3
50°-60°	547.8	13.6
60°-70°	471.4	11.7
70°-80°	363.0	9.0
80°-90°	253.4	6.3
90°-100°	172.5	4.3
100°-110°	114.8	2.9
110°-120°	72.0	1.8
120°-130°	42.7	1.1
130°-140°	22.2	0.6
140°-150°	8.7	0.2
150°-160°	4.8	0.1
160°-170°	2.8	0.1
170°-180°	0.7	0.0
0°-30°	830.3	20.7
0°-40°	1369.1	34.1
0°-60°	2490.8	62.0
0°-90°	3578.6	89.0
90°-120°	359.4	8.9
90°-150°	433.0	10.8
90°-180°	441.0	11.0
0°-180°	4020.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1065	1065	1065	1065	1065	
5°	1064	1048	1062	1042	1064	101
15°	1026	1024	1016	1007	1026	290
25°	954	973	937	936	954	440
35°	852	899	836	846	852	531
45°	708	799	690	760	708	546
55°	548	692	531	654	548	491
65°	372	573	352	554	372	370
75°	190	478	170	447	190	203
85°	35	373	31	350	35	46
90°	9	324	4	302	9	9
95°	16	283	0	272	16	5
105°	2	216	4	202	2	2
115°	4	156	8	140	4	4
125°	5	91	4	87	5	5
135°	7	58	4	57	7	5
145°	6	38	6	5	6	3
155°	4	3	2	8	4	1
165°	5	11	6	14	5	1
175°	6	3	4	9	6	1
180°	6	6	6	6	6	

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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6
5°	1063.6	1072.9	1046.2	1080.7	1077.3	1065.3	1048.4	1053.1	1056.1	1039.0	1060.6
10°	1056.7	1055.2	1032.8	1072.0	1063.5	1053.1	1036.9	1045.7	1041.5	1027.7	1050.7
15°	1025.6	1038.8	1020.3	1042.7	1043.6	1040.6	1023.5	1022.4	1018.7	999.6	1027.0
20°	994.5	1002.1	989.7	1013.6	1019.6	1020.1	1000.1	996.8	989.2	968.0	984.9
25°	954.1	961.3	950.7	976.8	978.4	981.1	973.3	953.0	953.2	929.9	940.7
30°	904.2	911.7	902.1	936.8	940.3	939.7	935.5	922.6	915.6	887.5	899.1
35°	852.2	853.4	860.6	875.5	891.0	900.2	899.3	881.1	870.0	834.3	831.8
40°	781.9	786.1	799.9	824.1	835.2	844.4	846.1	835.2	814.5	782.8	773.0
45°	708.0	712.8	740.3	764.2	782.4	801.1	798.7	783.8	765.4	726.9	707.5
50°	627.0	636.9	670.1	701.5	727.5	738.6	743.7	731.3	706.3	667.9	629.1
55°	548.0	557.0	602.8	637.4	664.1	688.3	692.0	673.6	645.0	607.2	555.8
60°	468.9	476.9	519.1	569.6	602.6	632.6	634.8	623.6	578.2	541.1	488.5
65°	371.6	403.4	447.3	501.2	539.2	583.0	573.1	563.2	527.0	475.4	411.7
70°	284.3	315.1	371.1	428.1	487.8	520.8	521.0	512.7	473.7	413.3	349.0
75°	189.7	239.5	306.2	374.6	431.8	466.1	478.1	459.2	409.9	357.6	278.7
80°	107.4	150.7	239.8	317.6	373.5	406.4	418.0	408.5	355.2	293.4	225.5
85°	35.0	104.0	184.9	266.1	326.2	366.6	373.0	351.1	315.6	253.6	166.9
90°	8.6	59.7	139.7	219.7	276.4	313.1	323.9	312.1	271.8	212.1	128.2
95°	15.5	42.4	110.0	175.5	238.3	268.1	282.9	275.4	232.9	175.2	105.6
100°	1.2	17.6	81.0	142.7	199.8	231.7	240.7	238.9	200.3	141.1	76.5
105°	1.8	24.9	56.2	119.9	163.9	204.5	215.8	199.8	163.6	113.6	50.5
110°	3.7	12.9	37.6	88.1	140.2	169.5	175.9	168.7	138.1	91.1	42.8
115°	3.9	10.6	37.8	76.0	107.7	138.4	155.6	130.9	103.7	73.8	38.9
120°	6.6	11.3	29.3	58.8	93.8	99.6	120.1	111.2	84.9	57.2	32.0
125°	5.1	9.6	27.7	45.8	66.1	87.4	91.3	88.3	72.6	48.7	23.3
130°	3.5	11.6	18.5	34.4	61.1	77.7	78.1	72.9	57.9	47.9	12.5
135°	6.6	10.2	14.1	27.5	50.5	57.9	58.3	59.0	48.4	35.3	9.9
140°	7.6	9.5	9.9	13.6	32.7	45.2	48.2	41.3	42.2	20.7	11.1
145°	5.7	11.1	16.4	9.0	17.1	35.3	37.8	39.7	26.3	6.9	14.7
150°	0.0	9.9	18.5	11.3	10.4	7.8	11.6	10.4	6.0	12.9	19.8
155°	3.9	3.5	15.6	11.3	12.5	5.5	2.7	9.2	8.6	13.6	15.5
160°	4.2	4.4	6.0	7.2	12.9	13.1	14.6	20.7	13.4	15.6	6.0
165°	4.6	8.1	5.1	6.6	14.3	7.6	10.6	16.6	10.8	6.0	11.1
170°	4.6	8.7	1.8	2.5	7.2	5.3	13.1	8.6	11.7	7.6	5.3
175°	6.5	9.0	6.5	5.7	12.0	9.6	3.2	0.7	6.9	15.0	0.0
180°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5

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CATALOG NUMBER: 4SLSTPSLC-MED-5000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6	1064.6
5°	1050.5	1061.5	1070.8	1054.0	1069.9	1071.7	1070.4	1042.3	1055.4	1053.3	1036.7
10°	1045.0	1046.6	1051.6	1033.4	1054.2	1056.5	1059.5	1030.0	1040.6	1044.1	1031.9
15°	1012.2	1016.2	1031.2	1008.1	1027.0	1032.3	1032.3	1007.0	1020.3	1013.4	1007.6
20°	991.0	988.8	995.2	978.4	992.7	994.8	1007.1	973.0	995.2	993.1	974.4
25°	943.1	937.1	943.1	943.1	955.1	962.7	972.4	936.2	961.1	954.4	932.5
30°	899.3	891.9	894.0	897.3	912.0	916.1	934.8	898.8	920.7	912.9	894.9
35°	840.8	835.9	834.3	847.9	863.1	865.9	885.4	846.5	874.2	859.4	846.5
40°	767.9	767.9	771.1	791.2	803.2	819.3	840.3	802.7	826.4	811.2	791.7
45°	703.6	689.5	687.9	720.9	739.5	759.6	780.6	760.5	775.3	753.4	741.4
50°	622.2	622.9	610.5	641.7	670.6	700.3	721.1	701.5	718.3	703.1	677.8
55°	540.8	531.1	528.0	572.9	608.1	647.6	661.4	654.2	662.3	653.1	613.5
60°	455.5	444.7	453.0	501.7	540.6	587.6	607.5	601.9	594.7	581.6	557.2
65°	373.5	352.0	371.6	427.2	478.1	524.5	546.3	554.0	545.0	526.0	488.5
70°	281.7	262.8	289.5	348.8	413.3	460.8	486.7	494.3	488.9	463.8	419.1
75°	200.8	169.9	211.1	284.9	356.8	402.7	435.3	447.4	434.5	415.0	362.9
80°	136.9	92.9	141.4	222.2	291.6	352.5	382.4	396.8	385.2	352.2	305.9
85°	87.9	30.7	87.6	165.1	243.9	305.2	334.7	349.5	338.7	310.1	252.7
90°	47.5	3.5	56.2	128.9	200.6	254.7	296.0	302.5	293.7	258.2	208.4
95°	32.7	0.3	32.5	90.3	165.3	220.6	253.3	272.3	259.8	223.1	171.7
100°	20.3	8.3	20.3	71.7	136.7	186.7	216.0	233.3	219.5	185.4	138.4
105°	18.0	4.4	18.9	58.3	111.2	151.3	183.7	202.4	187.8	159.7	116.4
110°	13.4	2.1	9.6	43.3	86.9	134.2	151.9	158.8	157.6	130.3	93.6
115°	10.8	7.6	0.0	38.3	71.2	106.7	122.4	139.7	132.4	104.2	66.9
120°	8.3	9.6	9.0	21.5	52.1	86.9	100.2	113.9	100.2	89.2	57.2
125°	12.6	4.2	15.0	6.6	47.8	75.0	86.9	86.7	87.4	72.1	53.5
130°	7.6	1.2	15.9	3.7	21.2	54.7	69.0	76.5	72.0	58.6	31.6
135°	9.6	3.9	9.5	11.3	9.2	34.4	60.9	57.4	61.1	43.3	6.0
140°	3.9	3.2	10.4	9.5	6.9	5.3	16.8	36.8	22.4	0.7	4.4
145°	14.1	5.5	12.9	17.3	9.0	12.0	9.6	4.6	11.3	0.3	1.4
150°	10.8	0.0	8.7	18.2	10.4	5.1	2.1	1.8	0.0	4.2	8.7
155°	9.9	1.8	16.4	17.1	10.8	20.0	12.5	7.8	12.6	14.6	11.3
160°	10.8	5.3	8.6	15.0	15.9	14.1	17.3	15.2	12.0	14.1	11.6
165°	13.8	6.2	4.4	13.6	12.9	12.9	11.1	13.6	9.9	12.9	4.6
170°	7.6	7.6	13.1	7.6	15.2	12.0	15.0	8.6	8.3	7.2	8.6
175°	5.5	3.5	8.3	6.2	9.0	7.4	10.6	8.7	9.5	6.6	13.6
180°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1064.6	1064.6	1064.6
5°	1064.8	1055.2	1063.6
10°	1045.7	1045.7	1056.7
15°	1020.8	1029.5	1025.6
20°	992.7	995.7	994.5
25°	955.8	955.8	954.1
30°	907.1	909.5	904.2
35°	857.3	855.1	852.2
40°	788.7	790.3	781.9
45°	726.0	727.1	708.0
50°	654.9	648.8	627.0
55°	580.3	569.2	548.0
60°	509.0	478.4	468.9
65°	438.4	397.4	371.6
70°	363.3	319.3	284.3
75°	291.4	227.0	189.7
80°	230.5	159.3	107.4
85°	180.7	94.1	35.0
90°	139.4	60.4	8.6
95°	103.5	30.5	15.5
100°	76.8	19.6	1.2
105°	56.0	18.0	1.8
110°	41.3	11.1	3.7
115°	40.1	12.6	3.9
120°	25.6	10.6	6.6
125°	8.1	15.5	5.1
130°	2.3	3.9	3.5
135°	12.6	9.0	6.6
140°	12.9	8.3	7.6
145°	11.7	13.8	5.7
150°	8.1	12.0	0.0
155°	12.9	8.6	3.9
160°	6.6	6.0	4.2
165°	10.8	8.7	4.6
170°	11.1	5.1	4.6
175°	3.2	4.4	6.5
180°	6.5	6.5	6.5

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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	16.54	18.02	17.06	18.54	19.12	19.60	21.08	20.12	21.61	22.18
	3H	17.92	19.27	18.46	19.81	20.42	22.30	23.65	22.84	24.19	24.80
	4H	18.34	19.62	18.89	20.17	20.79	23.65	24.93	24.21	25.48	26.11
	6H	18.56	19.76	19.13	20.32	20.96	25.05	26.25	25.62	26.81	27.45
	8H	18.60	19.75	19.18	20.33	20.98	25.78	26.93	26.36	27.51	28.16
	12H	18.60	19.70	19.19	20.28	20.96	26.57	27.67	27.16	28.25	28.93
4H	2H	17.52	18.80	18.08	19.35	19.98	19.91	21.20	20.47	21.75	22.37
	3H	19.14	20.24	19.71	20.83	21.48	22.81	23.91	23.38	24.50	25.15
	4H	19.69	20.70	20.28	21.30	21.98	24.30	25.31	24.89	25.91	26.59
	6H	20.03	20.92	20.64	21.55	22.24	25.89	26.78	26.49	27.40	28.09
	8H	20.11	20.95	20.72	21.57	22.27	26.71	27.56	27.33	28.18	28.88
	12H	20.14	20.90	20.77	21.55	22.26	27.63	28.40	28.26	29.05	29.75
8H	4H	20.49	21.33	21.10	21.95	22.66	24.45	25.29	25.06	25.91	26.61
	6H	21.03	21.74	21.67	22.41	23.11	26.17	26.88	26.81	27.55	28.25
	8H	21.20	21.85	21.85	22.52	23.24	27.11	27.76	27.77	28.43	29.15
	12H	21.30	21.88	21.96	22.54	23.32	28.19	28.77	28.85	29.43	30.22
12H	4H	20.72	21.49	21.35	22.14	22.84	24.44	25.21	25.08	25.86	26.57
	6H	21.37	22.02	22.03	22.69	23.41	26.18	26.83	26.84	27.50	28.22
	8H	21.65	22.23	22.31	22.89	23.67	27.19	27.77	27.85	28.43	29.21