

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: P995684

Luminaire Tested: 8SLSTPSLC-LOW-4000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995684
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-LOW-4000K
Description: 8' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

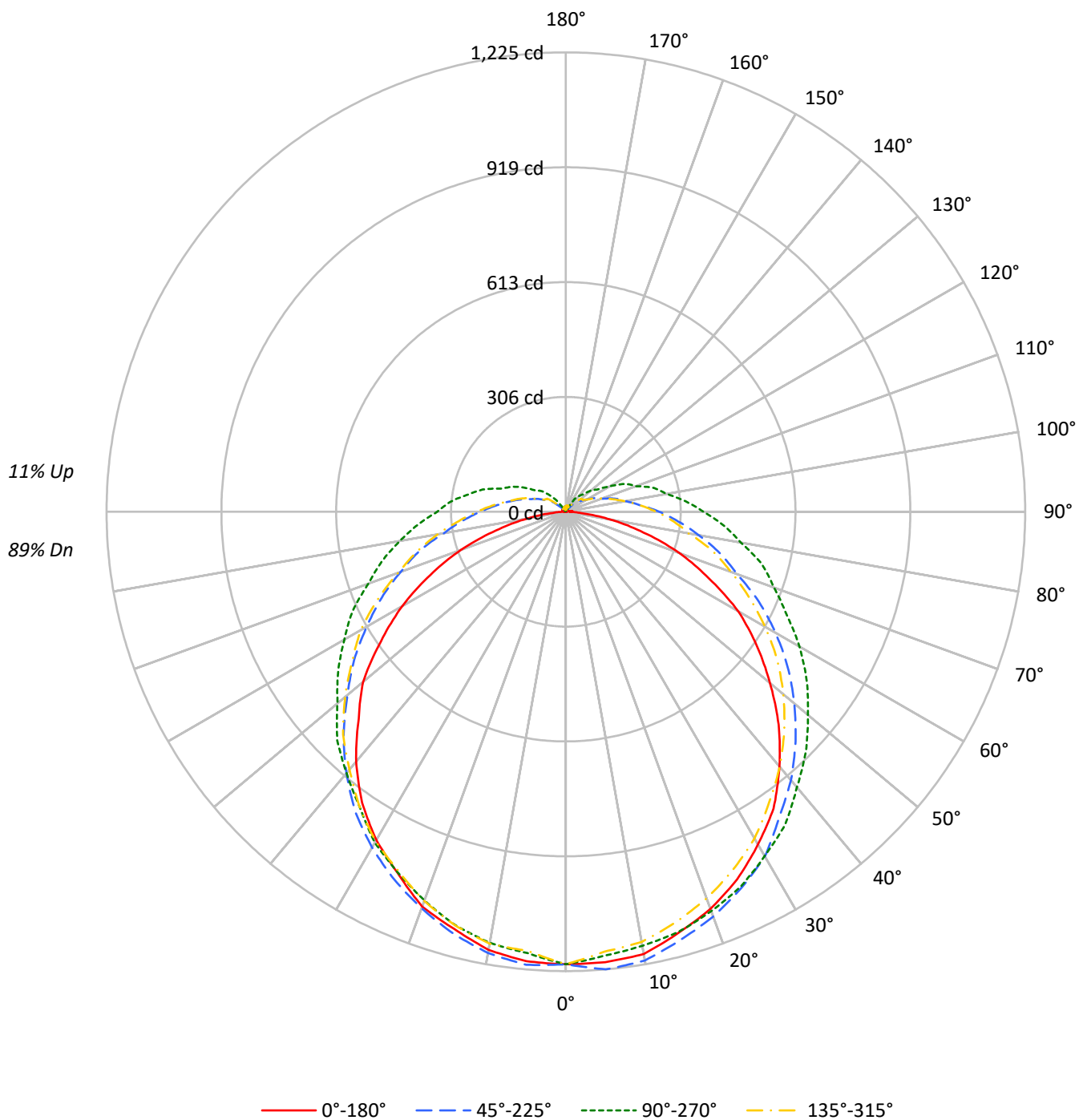
Lumens per Lamp: N/A
Luminaire Lumens: 4556.0 lumens
Efficiency: N/A
Efficacy: 142.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 7.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 32
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: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-4000K

Luminous Intensity Polar Plot



TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-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°	7623	7623	7623	7623
5°	7627	6929	7612	6888
10°	7646	6408	7574	6366
15°	7548	5983	7478	5886
20°	7504	5586	7461	5436
25°	7444	5244	7312	5044
30°	7361	4903	7261	4711
35°	7312	4623	7171	4352
40°	7148	4300	7020	4079
45°	6982	4044	6799	3851
50°	6768	3780	6724	3565
55°	6588	3558	6386	3363
60°	6417	3327	6086	3155
65°	5953	3088	5641	2984
70°	5544	2911	5124	2761
75°	4771	2795	4274	2616
80°	3847	2583	3326	2452
85°	2204	2466	1926	2310

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6982 cd/sqm

TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.2	2.5
10°-20°	327.6	7.2
20°-30°	499.2	11.0
30°-40°	610.7	13.4
40°-50°	650.5	14.3
50°-60°	620.8	13.6
60°-70°	534.2	11.7
70°-80°	411.4	9.0
80°-90°	287.2	6.3
90°-100°	195.5	4.3
100°-110°	130.1	2.9
110°-120°	81.6	1.8
120°-130°	48.4	1.1
130°-140°	25.1	0.6
140°-150°	9.9	0.2
150°-160°	5.4	0.1
160°-170°	3.2	0.1
170°-180°	0.8	0.0
0°-30°	941.0	20.7
0°-40°	1551.6	34.1
0°-60°	2822.9	62.0
0°-90°	4055.8	89.0
90°-120°	407.3	8.9
90°-150°	490.8	10.8
90°-180°	500.0	11.0
0°-180°	4556.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1207	1207	1207	1207	1207	
5°	1206	1188	1203	1181	1206	115
15°	1162	1160	1152	1141	1162	329
25°	1081	1103	1062	1061	1081	498
35°	966	1019	947	959	966	602
45°	802	905	781	862	802	618
55°	621	784	602	741	621	556
65°	421	650	399	628	421	420
75°	215	542	193	507	215	231
85°	40	423	35	396	40	53
90°	10	367	4	343	10	10
95°	18	321	0	309	18	6
105°	2	244	5	229	2	3
115°	4	176	9	158	4	5
125°	6	104	5	98	6	5
135°	8	66	4	65	8	5
145°	6	43	6	5	6	3
155°	4	3	2	9	4	2
165°	5	12	7	16	5	1
175°	7	4	4	10	7	1
180°	7	7	7	7	7	

TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-4000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6
5°	1205.5	1216.0	1185.7	1224.8	1220.9	1207.3	1188.2	1193.5	1196.9	1177.5	1202.1
10°	1197.6	1195.9	1170.5	1214.9	1205.2	1193.5	1175.1	1185.1	1180.4	1164.7	1190.8
15°	1162.4	1177.3	1156.4	1181.7	1182.8	1179.4	1160.0	1158.8	1154.5	1132.9	1163.9
20°	1127.1	1135.8	1121.6	1148.8	1155.6	1156.1	1133.4	1129.7	1121.1	1097.1	1116.2
25°	1081.3	1089.5	1077.4	1107.0	1108.9	1111.9	1103.1	1080.1	1080.3	1053.9	1066.2
30°	1024.7	1033.3	1022.4	1061.7	1065.7	1064.9	1060.2	1045.6	1037.7	1005.9	1019.0
35°	965.9	967.2	975.4	992.3	1009.8	1020.2	1019.2	998.5	986.0	945.6	942.7
40°	886.2	890.9	906.6	934.0	946.6	957.0	958.9	946.6	923.1	887.2	876.1
45°	802.4	807.8	839.0	866.1	886.7	907.9	905.2	888.3	867.4	823.8	801.8
50°	710.6	721.8	759.5	795.0	824.5	837.1	842.9	828.8	800.5	756.9	713.0
55°	621.0	631.2	683.2	722.4	752.7	780.1	784.3	763.4	731.0	688.1	629.9
60°	531.4	540.5	588.3	645.6	683.0	716.9	719.5	706.7	655.3	613.2	553.6
65°	421.1	457.2	506.9	568.0	611.1	660.7	649.5	638.2	597.2	538.8	466.6
70°	322.2	357.1	420.6	485.2	552.9	590.2	590.5	581.0	536.9	468.4	395.6
75°	215.0	271.4	347.0	424.5	489.4	528.2	541.9	520.4	464.5	405.3	315.9
80°	121.8	170.8	271.8	360.0	423.3	460.6	473.7	463.0	402.6	332.6	255.6
85°	39.7	117.8	209.6	301.5	369.7	415.5	422.8	397.9	357.6	287.4	189.2
90°	9.7	67.6	158.3	249.0	313.3	354.8	367.1	353.7	308.0	240.4	145.3
95°	17.5	48.0	124.6	198.9	270.1	303.8	320.6	312.2	263.9	198.6	119.7
100°	1.3	19.9	91.8	161.8	226.5	262.6	272.8	270.7	227.0	159.9	86.7
105°	2.1	28.2	63.7	135.9	185.8	231.8	244.5	226.5	185.5	128.8	57.2
110°	4.2	14.6	42.6	99.8	158.9	192.1	199.4	191.2	156.5	103.2	48.6
115°	4.4	12.1	42.9	86.2	122.1	156.8	176.4	148.3	117.5	83.6	44.1
120°	7.5	12.8	33.2	66.6	106.3	112.9	136.1	126.0	96.2	64.8	36.3
125°	5.8	10.9	31.3	52.0	74.9	99.1	103.5	100.1	82.3	55.2	26.4
130°	3.9	13.1	20.9	39.0	69.3	88.0	88.6	82.6	65.6	54.3	14.1
135°	7.5	11.5	16.0	31.1	57.2	65.6	66.1	66.9	54.8	40.0	11.2
140°	8.7	10.7	11.2	15.5	37.1	51.2	54.6	46.8	47.8	23.5	12.6
145°	6.5	12.6	18.6	10.2	19.4	40.0	42.9	44.9	29.8	7.8	16.7
150°	0.0	11.2	20.9	12.8	11.8	8.9	13.1	11.8	6.8	14.6	22.5
155°	4.4	3.9	17.7	12.8	14.1	6.3	3.1	10.4	9.7	15.5	17.5
160°	4.7	4.9	6.8	8.1	14.6	14.8	16.5	23.5	15.2	17.7	6.8
165°	5.3	9.2	5.8	7.5	16.2	8.7	12.1	18.8	12.3	6.8	12.6
170°	5.3	9.9	2.1	2.9	8.1	6.0	14.8	9.7	13.3	8.7	6.0
175°	7.3	10.2	7.3	6.5	13.6	10.9	3.6	0.8	7.8	17.0	0.0
180°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4

TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6	1206.6
5°	1190.6	1203.1	1213.6	1194.5	1212.6	1214.6	1213.1	1181.2	1196.1	1193.7	1174.9
10°	1184.3	1186.2	1191.8	1171.2	1194.7	1197.4	1200.8	1167.3	1179.4	1183.3	1169.5
15°	1147.2	1151.6	1168.6	1142.6	1163.9	1170.0	1170.0	1141.2	1156.4	1148.5	1141.9
20°	1123.2	1120.6	1127.9	1108.9	1125.0	1127.4	1141.4	1102.8	1127.9	1125.6	1104.3
25°	1068.9	1062.1	1068.9	1068.9	1082.5	1091.0	1102.1	1061.0	1089.3	1081.6	1056.8
30°	1019.2	1010.8	1013.2	1016.9	1033.6	1038.2	1059.5	1018.7	1043.5	1034.6	1014.2
35°	952.9	947.3	945.6	960.9	978.1	981.3	1003.5	959.4	990.7	974.0	959.4
40°	870.3	870.3	873.9	896.7	910.3	928.5	952.4	909.7	936.6	919.4	897.2
45°	797.4	781.4	779.6	817.0	838.1	860.9	884.6	862.0	878.7	853.8	840.2
50°	705.1	706.0	691.8	727.3	760.0	793.7	817.2	795.0	814.1	796.9	768.1
55°	612.9	602.0	598.3	649.3	689.2	733.9	749.6	741.4	750.6	740.2	695.3
60°	516.3	504.0	513.4	568.6	612.7	666.0	688.4	682.2	674.0	659.2	631.4
65°	423.3	399.0	421.1	484.1	541.9	594.4	619.2	627.8	617.6	596.2	553.6
70°	319.3	297.8	328.1	395.3	468.4	522.3	551.5	560.2	554.1	525.7	474.9
75°	227.5	192.6	239.3	322.9	404.4	456.4	493.3	507.1	492.5	470.3	411.2
80°	155.2	105.3	160.2	251.9	330.5	399.5	433.4	449.7	436.6	399.2	346.7
85°	99.6	34.7	99.3	187.1	276.4	345.9	379.4	396.1	383.8	351.4	286.4
90°	53.8	3.9	63.7	146.1	227.3	288.7	335.5	342.8	332.9	292.6	236.2
95°	37.1	0.3	36.8	102.4	187.3	250.0	287.1	308.6	294.4	252.9	194.6
100°	23.0	9.4	23.0	81.2	154.9	211.6	244.8	264.4	248.8	210.1	156.8
105°	20.4	4.9	21.4	66.1	126.0	171.4	208.2	229.4	212.9	181.0	132.0
110°	15.2	2.4	10.9	49.1	98.5	152.1	172.2	180.0	178.7	147.6	106.1
115°	12.3	8.7	0.0	43.4	80.7	120.9	138.8	158.3	150.0	118.1	75.8
120°	9.4	10.9	10.2	24.3	59.1	98.5	113.6	129.1	113.6	101.1	64.8
125°	14.3	4.7	17.0	7.5	54.1	84.9	98.5	98.2	99.1	81.8	60.6
130°	8.7	1.3	18.0	4.2	24.0	62.0	78.1	86.7	81.5	66.4	35.8
135°	10.9	4.4	10.7	12.8	10.4	39.0	69.0	65.1	69.3	49.1	6.8
140°	4.4	3.6	11.8	10.7	7.8	6.0	19.1	41.8	25.4	0.8	4.9
145°	16.0	6.3	14.6	19.6	10.2	13.6	10.9	5.3	12.8	0.3	1.5
150°	12.3	0.0	9.9	20.6	11.8	5.8	2.4	2.1	0.0	4.7	9.9
155°	11.2	2.1	18.6	19.4	12.3	22.7	14.1	8.9	14.3	16.5	12.8
160°	12.3	6.0	9.7	17.0	18.0	16.0	19.6	17.2	13.6	16.0	13.1
165°	15.7	7.0	4.9	15.5	14.6	14.6	12.6	15.5	11.2	14.6	5.3
170°	8.7	8.7	14.8	8.7	17.2	13.6	17.0	9.7	9.4	8.1	9.7
175°	6.3	3.9	9.4	7.0	10.2	8.4	12.1	9.9	10.7	7.5	15.5
180°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4

TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1206.6	1206.6	1206.6
5°	1206.8	1195.9	1205.5
10°	1185.1	1185.1	1197.6
15°	1156.9	1166.8	1162.4
20°	1125.0	1128.4	1127.1
25°	1083.2	1083.2	1081.3
30°	1028.0	1030.7	1024.7
35°	971.6	969.1	965.9
40°	893.8	895.7	886.2
45°	822.8	824.0	802.4
50°	742.3	735.3	710.6
55°	657.6	645.0	621.0
60°	576.9	542.2	531.4
65°	496.9	450.4	421.1
70°	411.7	361.9	322.2
75°	330.2	257.3	215.0
80°	261.2	180.5	121.8
85°	204.8	106.6	39.7
90°	158.0	68.5	9.7
95°	117.3	34.5	17.5
100°	87.0	22.2	1.3
105°	63.5	20.4	2.1
110°	46.8	12.6	4.2
115°	45.5	14.3	4.4
120°	29.0	12.1	7.5
125°	9.2	17.5	5.8
130°	2.6	4.4	3.9
135°	14.3	10.2	7.5
140°	14.6	9.4	8.7
145°	13.3	15.7	6.5
150°	9.2	13.6	0.0
155°	14.6	9.7	4.4
160°	7.5	6.8	4.7
165°	12.3	9.9	5.3
170°	12.6	5.8	5.3
175°	3.6	4.9	7.3
180°	7.4	7.4	7.4

TEST NUMBER: P995684

CATALOG NUMBER: 8SLSTPSLC-LOW-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	14.48	15.96	15.01	16.49	17.06	17.62	19.10	18.14	19.62	20.20
	3H	15.86	17.22	16.40	17.75	18.36	20.35	21.70	20.89	22.24	22.85
	4H	16.28	17.56	16.83	18.11	18.74	21.73	23.02	22.29	23.57	24.19
	6H	16.50	17.70	17.07	18.26	18.90	23.18	24.38	23.75	24.94	25.58
	8H	16.54	17.69	17.12	18.27	18.92	23.94	25.09	24.52	25.68	26.32
	12H	16.54	17.64	17.13	18.22	18.90	24.80	25.90	25.38	26.48	27.15
4H	2H	15.47	16.76	16.03	17.31	17.93	17.93	19.21	18.48	19.76	20.39
	3H	17.09	18.19	17.66	18.78	19.43	20.86	21.95	21.43	22.55	23.19
	4H	17.65	18.66	18.24	19.25	19.93	22.37	23.38	22.96	23.98	24.66
	6H	17.98	18.88	18.59	19.50	20.19	24.00	24.89	24.60	25.51	26.20
	8H	18.06	18.90	18.67	19.52	20.22	24.86	25.70	25.47	26.32	27.03
	12H	18.09	18.85	18.72	19.50	20.21	25.83	26.60	26.46	27.25	27.95
8H	4H	18.45	19.30	19.07	19.92	20.62	22.51	23.35	23.12	23.98	24.68
	6H	18.99	19.71	19.63	20.37	21.08	24.27	24.99	24.91	25.65	26.36
	8H	19.16	19.81	19.82	20.48	21.20	25.25	25.89	25.90	26.57	27.29
	12H	19.26	19.84	19.92	20.50	21.29	26.37	26.95	27.03	27.62	28.40
12H	4H	18.69	19.46	19.33	20.11	20.82	22.51	23.27	23.14	23.92	24.63
	6H	19.34	19.99	20.00	20.66	21.38	24.28	24.93	24.94	25.60	26.32
	8H	19.62	20.20	20.28	20.86	21.64	25.32	25.90	25.98	26.56	27.34