

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: P995685

Luminaire Tested: 8SLSTPSLC-LOW-5000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995685
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-5000K
Description: 8' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

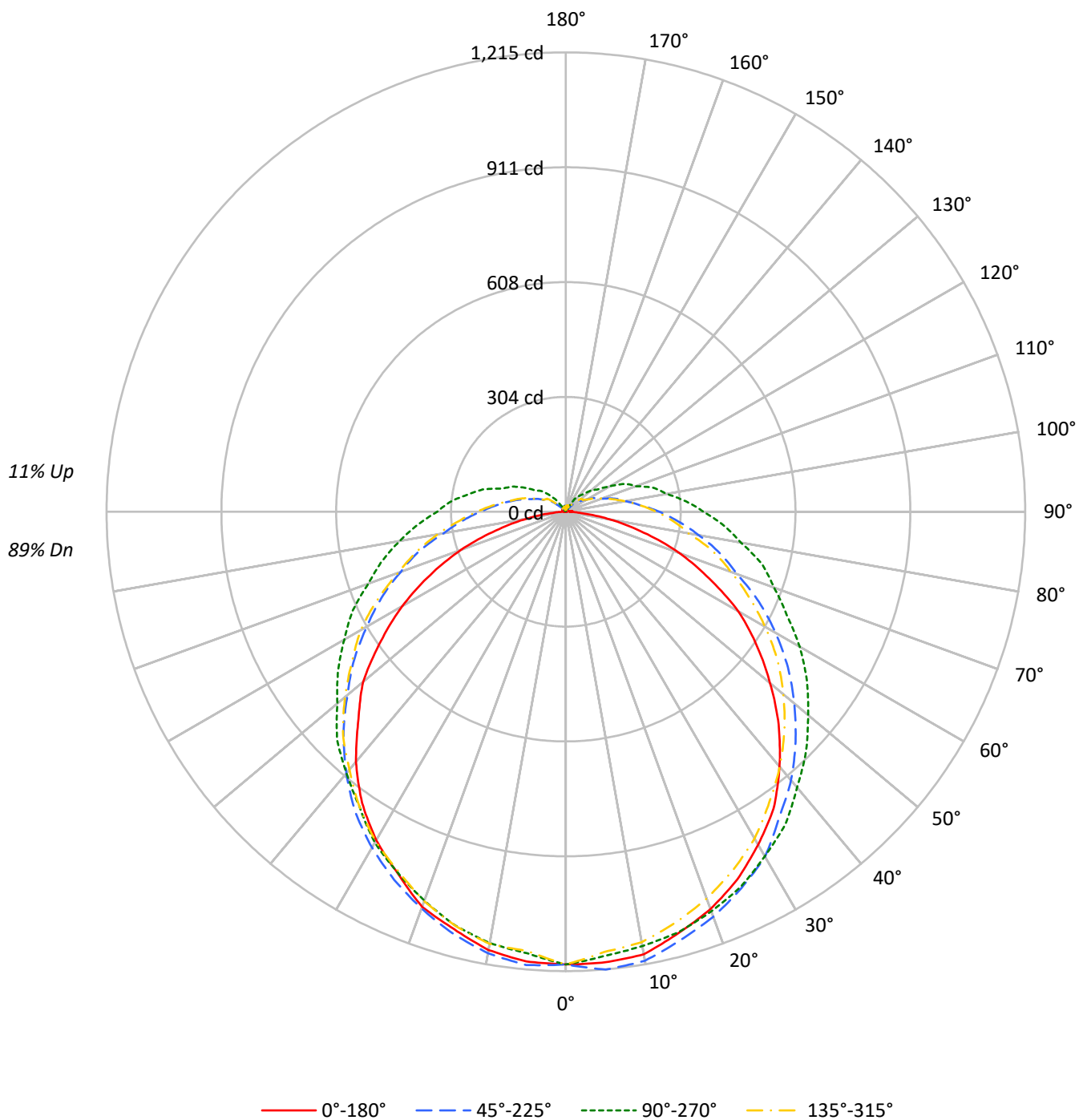
Lumens per Lamp: N/A
Luminaire Lumens: 4521.0 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 7.98' x H: 0.21')
CIE Type: Semi-Direct

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

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CATALOG NUMBER: 8SLSTPSLC-LOW-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			0
RW	70	50	30	10	70	50	30	10	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	89		
1	104	98	93	88	100	95	90	86	88	85	81	83	80	77	77	75	73	70		
2	94	84	77	70	90	82	75	69	76	70	65	71	66	62	66	63	59	56		
3	85	73	65	58	81	71	63	56	66	60	54	62	56	52	58	53	49	47		
4	77	65	55	48	74	63	54	47	59	51	45	55	49	44	52	46	42	39		
5	71	58	48	41	68	56	47	40	52	45	39	49	43	38	46	41	36	34		
6	65	52	42	36	63	50	41	35	47	40	34	44	38	33	42	36	32	29		
7	61	47	38	31	58	45	37	31	43	35	30	40	34	29	38	32	28	26		
8	56	42	34	28	54	41	33	27	39	32	27	37	30	26	35	29	25	23		
9	53	39	31	25	51	38	30	24	36	29	24	34	28	23	32	27	22	20		
10	49	36	28	22	47	35	27	22	33	26	22	31	25	21	30	24	20	18		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7564	7564	7564	7564
5°	7568	6876	7553	6836
10°	7588	6359	7515	6317
15°	7490	5938	7421	5842
20°	7446	5544	7404	5394
25°	7387	5203	7256	5005
30°	7305	4866	7206	4675
35°	7255	4587	7116	4318
40°	7093	4267	6966	4048
45°	6928	4013	6747	3821
50°	6717	3751	6672	3538
55°	6538	3530	6337	3337
60°	6368	3302	6039	3130
65°	5908	3064	5597	2962
70°	5501	2888	5084	2740
75°	4736	2774	4241	2596
80°	3816	2564	3298	2433
85°	2187	2446	1915	2292

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6928 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.3	2.5
10°-20°	325.1	7.2
20°-30°	495.4	11.0
30°-40°	606.0	13.4
40°-50°	645.5	14.3
50°-60°	616.0	13.6
60°-70°	530.1	11.7
70°-80°	408.3	9.0
80°-90°	285.0	6.3
90°-100°	194.0	4.3
100°-110°	129.1	2.9
110°-120°	81.0	1.8
120°-130°	48.1	1.1
130°-140°	24.9	0.6
140°-150°	9.8	0.2
150°-160°	5.4	0.1
160°-170°	3.2	0.1
170°-180°	0.8	0.0
0°-30°	933.7	20.7
0°-40°	1539.7	34.1
0°-60°	2801.2	62.0
0°-90°	4024.6	89.0
90°-120°	404.2	8.9
90°-150°	487.0	10.8
90°-180°	496.0	11.0
0°-180°	4521.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1197	1197	1197	1197	1197	
5°	1196	1179	1194	1172	1196	114
15°	1153	1151	1143	1132	1153	326
25°	1073	1095	1054	1053	1073	494
35°	958	1011	940	952	958	597
45°	796	898	775	855	796	614
55°	616	778	597	736	616	552
65°	418	644	396	623	418	417
75°	213	538	191	503	213	229
85°	39	420	34	393	39	52
90°	10	364	4	340	10	10
95°	17	318	0	306	17	6
105°	2	243	5	228	2	3
115°	4	175	9	157	4	5
125°	6	103	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	15	5	1
175°	7	4	4	10	7	1
180°	7	7	7	7	7	

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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3
5°	1196.2	1206.6	1176.6	1215.4	1211.5	1198.0	1179.1	1184.3	1187.7	1168.5	1192.8
10°	1188.4	1186.7	1161.5	1205.6	1196.0	1184.3	1166.1	1176.0	1171.3	1155.8	1181.7
15°	1153.4	1168.3	1147.5	1172.7	1173.7	1170.3	1151.1	1149.9	1145.7	1124.2	1155.0
20°	1118.4	1127.0	1113.0	1139.9	1146.7	1147.2	1124.7	1121.0	1112.5	1088.7	1107.6
25°	1073.0	1081.1	1069.1	1098.5	1100.3	1103.4	1094.6	1071.8	1072.0	1045.8	1058.0
30°	1016.9	1025.4	1014.5	1053.6	1057.5	1056.8	1052.1	1037.5	1029.8	998.1	1011.1
35°	958.4	959.8	967.9	984.6	1002.0	1012.4	1011.3	990.9	978.4	938.3	935.4
40°	879.4	884.1	899.6	926.8	939.3	949.7	951.5	939.3	916.0	880.4	869.3
45°	796.2	801.6	832.5	859.4	879.9	901.0	898.3	881.5	860.8	817.5	795.7
50°	705.2	716.3	753.6	788.9	818.2	830.7	836.4	822.4	794.4	751.1	707.5
55°	616.3	626.4	677.9	716.8	746.9	774.1	778.3	757.5	725.4	682.9	625.1
60°	527.4	536.4	583.8	640.6	677.7	711.4	714.0	701.3	650.2	608.5	549.4
65°	417.9	453.7	503.0	563.7	606.4	655.6	644.5	633.3	592.6	534.6	463.0
70°	319.7	354.4	417.4	481.4	548.6	585.7	586.0	576.6	532.8	464.9	392.5
75°	213.4	269.4	344.3	421.3	485.6	524.2	537.7	516.4	461.0	402.1	313.4
80°	120.8	169.5	269.7	357.2	420.0	457.1	470.1	459.4	399.5	330.0	253.6
85°	39.4	116.9	208.0	299.2	366.8	412.3	419.5	394.9	354.9	285.2	187.7
90°	9.6	67.1	157.1	247.1	310.9	352.1	364.3	351.0	305.7	238.6	144.1
95°	17.4	47.7	123.7	197.3	268.0	301.5	318.2	309.8	261.9	197.0	118.8
100°	1.3	19.7	91.0	160.5	224.8	260.6	270.7	268.6	225.3	158.7	86.0
105°	2.0	28.0	63.2	134.8	184.3	230.0	242.7	224.8	184.0	127.8	56.8
110°	4.2	14.5	42.2	99.0	157.6	190.6	197.8	189.8	155.3	102.4	48.2
115°	4.4	12.0	42.6	85.5	121.1	155.6	175.0	147.2	116.6	83.0	43.8
120°	7.5	12.7	32.9	66.1	105.5	112.0	135.0	125.0	95.4	64.3	36.0
125°	5.7	10.8	31.1	51.6	74.4	98.3	102.7	99.3	81.6	54.7	26.2
130°	3.9	13.0	20.8	38.7	68.7	87.4	87.9	81.9	65.1	53.9	14.0
135°	7.5	11.5	15.9	30.9	56.8	65.1	65.6	66.4	54.4	39.7	11.2
140°	8.6	10.6	11.2	15.3	36.8	50.8	54.2	46.4	47.5	23.3	12.5
145°	6.4	12.5	18.4	10.1	19.2	39.7	42.6	44.6	29.6	7.8	16.6
150°	0.0	11.2	20.8	12.7	11.7	8.8	13.0	11.7	6.8	14.5	22.3
155°	4.4	3.9	17.6	12.7	14.0	6.2	3.1	10.3	9.6	15.3	17.4
160°	4.7	4.9	6.8	8.1	14.5	14.7	16.4	23.3	15.0	17.6	6.8
165°	5.2	9.1	5.7	7.5	16.1	8.6	12.0	18.6	12.2	6.8	12.5
170°	5.2	9.8	2.0	2.9	8.1	5.9	14.7	9.6	13.2	8.6	5.9
175°	7.3	10.1	7.3	6.4	13.5	10.8	3.6	0.8	7.8	16.9	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

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3	1197.3
5°	1181.5	1193.8	1204.3	1185.3	1203.3	1205.3	1203.8	1172.2	1186.9	1184.5	1165.9
10°	1175.2	1177.1	1182.7	1162.2	1185.6	1188.2	1191.6	1158.3	1170.3	1174.2	1160.5
15°	1138.4	1142.8	1159.7	1133.8	1155.0	1161.0	1161.0	1132.5	1147.5	1139.7	1133.2
20°	1114.6	1112.0	1119.3	1100.3	1116.4	1118.8	1132.7	1094.3	1119.3	1116.9	1095.8
25°	1060.6	1053.9	1060.6	1060.6	1074.1	1082.6	1093.6	1052.9	1080.9	1073.3	1048.7
30°	1011.3	1003.1	1005.4	1009.1	1025.7	1030.3	1051.3	1010.8	1035.5	1026.7	1006.4
35°	945.6	940.0	938.3	953.5	970.6	973.8	995.8	952.0	983.1	966.5	952.0
40°	863.6	863.6	867.2	889.8	903.3	921.4	945.0	902.7	929.4	912.3	890.3
45°	791.3	775.4	773.6	810.7	831.7	854.3	877.8	855.3	871.9	847.2	833.7
50°	699.7	700.5	686.5	721.7	754.2	787.6	810.9	788.9	807.9	790.8	762.2
55°	608.2	597.3	593.7	644.3	683.9	728.3	743.8	735.7	744.8	734.5	689.9
60°	512.3	500.1	509.5	564.2	608.0	660.9	683.2	676.9	668.8	654.1	626.6
65°	420.0	395.9	417.9	480.4	537.7	589.9	614.4	623.0	612.9	591.6	549.4
70°	316.8	295.5	325.6	392.2	464.9	518.3	547.3	555.9	549.9	521.6	471.3
75°	225.8	191.1	237.4	320.4	401.3	452.9	489.5	503.2	488.7	466.7	408.1
80°	154.0	104.4	159.0	249.9	328.0	396.4	430.1	446.2	433.2	396.1	344.0
85°	98.8	34.5	98.5	185.7	274.3	343.2	376.5	393.0	380.9	348.7	284.2
90°	53.4	3.9	63.2	145.0	225.6	286.4	332.9	340.1	330.3	290.3	234.4
95°	36.8	0.3	36.5	101.6	185.9	248.1	284.9	306.2	292.2	250.9	193.1
100°	22.8	9.3	22.8	80.6	153.8	210.0	243.0	262.4	246.8	208.5	155.6
105°	20.3	4.9	21.3	65.6	125.0	170.1	206.6	227.6	211.2	179.6	130.9
110°	15.0	2.4	10.8	48.7	97.7	150.9	170.8	178.6	177.3	146.5	105.3
115°	12.2	8.6	0.0	43.1	80.1	120.0	137.7	157.1	148.8	117.2	75.2
120°	9.3	10.8	10.1	24.1	58.6	97.7	112.7	128.1	112.7	100.4	64.3
125°	14.2	4.7	16.9	7.5	53.7	84.3	97.7	97.5	98.3	81.1	60.2
130°	8.6	1.3	17.9	4.2	23.8	61.5	77.5	86.0	80.9	65.9	35.5
135°	10.8	4.4	10.6	12.7	10.3	38.7	68.4	64.6	68.7	48.7	6.8
140°	4.4	3.6	11.7	10.6	7.8	5.9	18.9	41.4	25.2	0.8	4.9
145°	15.9	6.2	14.5	19.4	10.1	13.5	10.8	5.2	12.7	0.3	1.5
150°	12.2	0.0	9.8	20.5	11.7	5.7	2.4	2.0	0.0	4.7	9.8
155°	11.2	2.0	18.4	19.2	12.2	22.5	14.0	8.8	14.2	16.4	12.7
160°	12.2	5.9	9.6	16.9	17.9	15.9	19.4	17.1	13.5	15.9	13.0
165°	15.5	7.0	4.9	15.3	14.5	14.5	12.5	15.3	11.2	14.5	5.2
170°	8.6	8.6	14.7	8.6	17.1	13.5	16.9	9.6	9.3	8.1	9.6
175°	6.2	3.9	9.3	7.0	10.1	8.3	12.0	9.8	10.6	7.5	15.3
180°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1197.3	1197.3	1197.3
5°	1197.5	1186.7	1196.2
10°	1176.0	1176.0	1188.4
15°	1148.0	1157.8	1153.4
20°	1116.4	1119.8	1118.4
25°	1074.9	1074.9	1073.0
30°	1020.1	1022.8	1016.9
35°	964.2	961.6	958.4
40°	886.9	888.8	879.4
45°	816.5	817.7	796.2
50°	736.6	729.6	705.2
55°	652.6	640.1	616.3
60°	572.5	538.0	527.4
65°	493.1	446.9	417.9
70°	408.6	359.1	319.7
75°	327.7	255.3	213.4
80°	259.2	179.1	120.8
85°	203.3	105.8	39.4
90°	156.8	67.9	9.6
95°	116.4	34.3	17.4
100°	86.3	22.0	1.3
105°	63.0	20.3	2.0
110°	46.4	12.5	4.2
115°	45.1	14.2	4.4
120°	28.7	12.0	7.5
125°	9.1	17.4	5.7
130°	2.6	4.4	3.9
135°	14.2	10.1	7.5
140°	14.5	9.3	8.6
145°	13.2	15.5	6.4
150°	9.1	13.5	0.0
155°	14.5	9.6	4.4
160°	7.5	6.8	4.7
165°	12.2	9.8	5.2
170°	12.5	5.7	5.2
175°	3.6	4.9	7.3
180°	7.4	7.4	7.4

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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	14.46	15.93	14.98	16.46	17.03	17.59	19.07	18.12	19.60	20.17
	3H	15.84	17.19	16.37	17.72	18.34	20.33	21.68	20.86	22.21	22.82
	4H	16.25	17.53	16.81	18.09	18.71	21.70	22.99	22.26	23.54	24.16
	6H	16.47	17.67	17.04	18.23	18.88	23.15	24.35	23.72	24.91	25.55
	8H	16.51	17.66	17.09	18.25	18.89	23.92	25.06	24.50	25.65	26.30
	12H	16.52	17.62	17.10	18.20	18.87	24.77	25.87	25.36	26.45	27.13
4H	2H	15.45	16.73	16.01	17.28	17.91	17.90	19.18	18.46	19.73	20.36
	3H	17.07	18.17	17.64	18.76	19.40	20.83	21.93	21.40	22.52	23.17
	4H	17.62	18.63	18.21	19.23	19.91	22.35	23.36	22.93	23.95	24.63
	6H	17.96	18.85	18.56	19.47	20.16	23.97	24.86	24.58	25.49	26.18
	8H	18.03	18.87	18.64	19.50	20.20	24.83	25.67	25.44	26.30	27.00
	12H	18.06	18.83	18.70	19.48	20.19	25.80	26.57	26.44	27.22	27.93
8H	4H	18.43	19.27	19.04	19.89	20.60	22.49	23.33	23.10	23.95	24.65
	6H	18.96	19.68	19.61	20.34	21.05	24.24	24.96	24.89	25.62	26.33
	8H	19.13	19.78	19.79	20.45	21.17	25.22	25.87	25.87	26.54	27.26
	12H	19.24	19.81	19.89	20.48	21.26	26.35	26.93	27.01	27.59	28.37
12H	4H	18.66	19.43	19.30	20.08	20.79	22.48	23.25	23.12	23.90	24.61
	6H	19.32	19.97	19.97	20.64	21.36	24.26	24.91	24.91	25.58	26.30
	8H	19.59	20.17	20.25	20.83	21.62	25.29	25.87	25.95	26.53	27.31