

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: P995678

Luminaire Tested: 4SLSTPSLC-MED-4000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995678
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-4000K
Description: 4' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

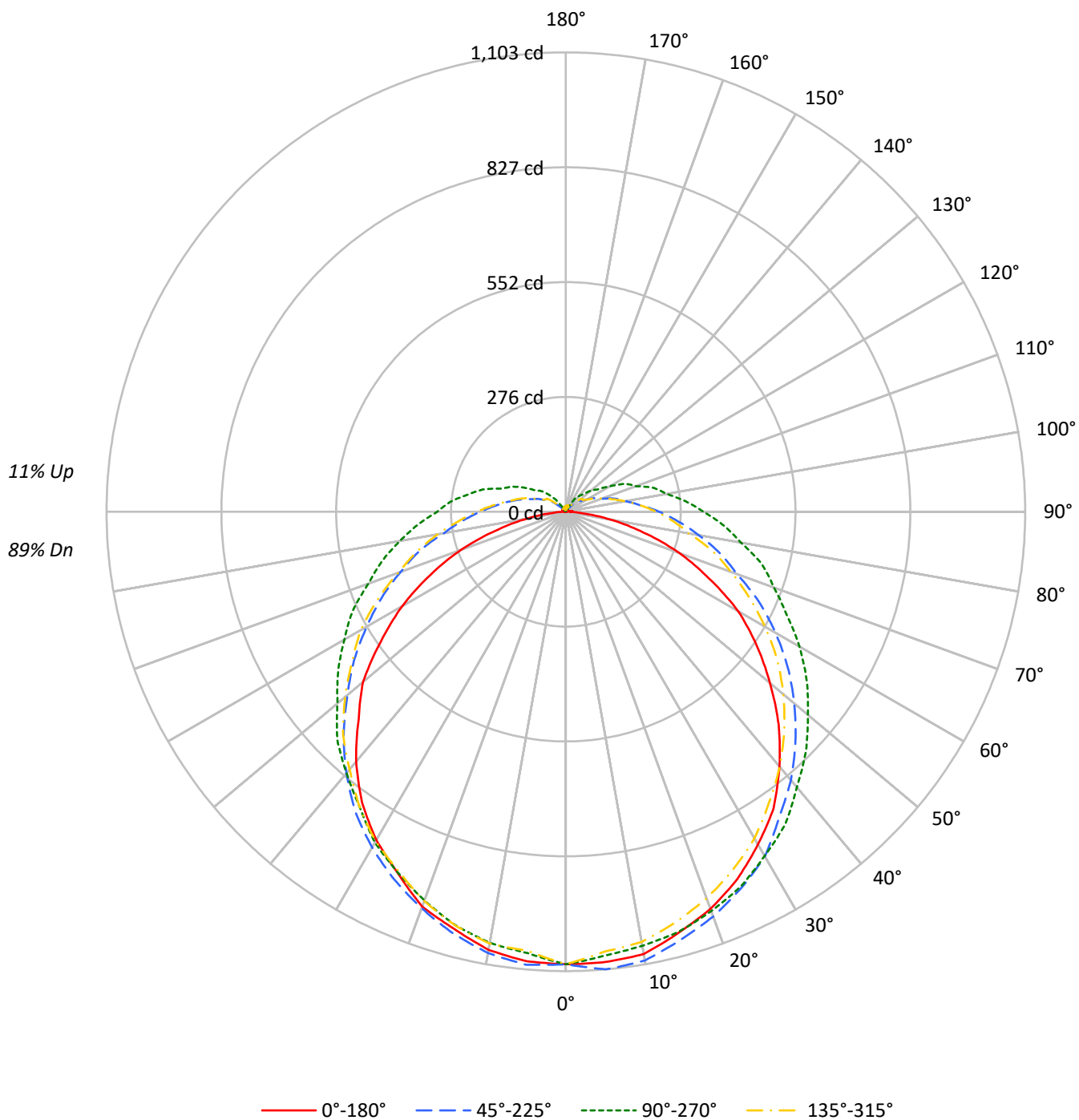
Lumens per Lamp: N/A
Luminaire Lumens: 4102.0 lumens
Efficiency: N/A
Efficacy: 141.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 3.88' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 29
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: P995678

CATALOG NUMBER: 4SLSTPSLC-MED-4000K

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°	14132	14132	14132	14132
5°	14104	12845	14076	12770
10°	14106	11880	13971	11802
15°	13888	11093	13761	10913
20°	13772	10357	13692	10077
25°	13624	9722	13380	9351
30°	13431	9089	13249	8733
35°	13296	8570	13041	8068
40°	12950	7971	12718	7562
45°	12595	7496	12268	7139
50°	12150	7007	12070	6609
55°	11755	6596	11395	6235
60°	11364	6169	10778	5849
65°	10438	5724	9888	5533
70°	9583	5396	8859	5119
75°	8070	5182	7228	4850
80°	6255	4789	5411	4547
85°	3269	4571	2866	4282

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12595 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	2.5
10°-20°	294.9	7.2
20°-30°	449.5	11.0
30°-40°	549.8	13.4
40°-50°	585.7	14.3
50°-60°	558.9	13.6
60°-70°	481.0	11.7
70°-80°	370.4	9.0
80°-90°	258.6	6.3
90°-100°	176.0	4.3
100°-110°	117.2	2.9
110°-120°	73.5	1.8
120°-130°	43.6	1.1
130°-140°	22.6	0.6
140°-150°	8.9	0.2
150°-160°	4.9	0.1
160°-170°	2.9	0.1
170°-180°	0.7	0.0
0°-30°	847.2	20.7
0°-40°	1397.0	34.1
0°-60°	2541.6	62.0
0°-90°	3651.6	89.0
90°-120°	366.7	8.9
90°-150°	441.9	10.8
90°-180°	450.0	11.0
0°-180°	4102.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1086	1086	1086	1086	1086	
5°	1085	1070	1083	1064	1085	103
15°	1046	1044	1037	1028	1046	296
25°	974	993	956	955	974	449
35°	870	918	853	864	870	542
45°	722	815	704	776	722	557
55°	559	706	542	668	559	501
65°	379	585	359	565	379	378
75°	194	488	173	457	194	208
85°	36	381	31	357	36	47
90°	9	330	4	309	9	9
95°	16	289	0	278	16	5
105°	2	220	4	206	2	2
115°	4	159	8	143	4	5
125°	5	93	4	88	5	5
135°	7	60	4	59	7	5
145°	6	39	6	5	6	3
155°	4	3	2	8	4	1
165°	5	11	6	14	5	1
175°	7	3	4	9	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°	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4
5°	1085.3	1094.8	1067.5	1102.8	1099.3	1087.0	1069.8	1074.6	1077.6	1060.2	1082.3
10°	1078.3	1076.7	1053.9	1093.9	1085.1	1074.6	1058.0	1067.0	1062.8	1048.7	1072.2
15°	1046.5	1060.0	1041.1	1064.0	1064.9	1061.8	1044.4	1043.3	1039.5	1020.0	1047.9
20°	1014.8	1022.6	1009.9	1034.3	1040.4	1040.9	1020.5	1017.1	1009.4	987.8	1005.0
25°	973.6	980.9	970.1	996.7	998.4	1001.1	993.2	972.5	972.6	948.9	959.9
30°	922.6	930.3	920.5	955.9	959.5	958.8	954.5	941.4	934.3	905.6	917.4
35°	869.6	870.8	878.2	893.4	909.2	918.5	917.6	899.0	887.7	851.3	848.7
40°	797.9	802.1	816.2	840.9	852.3	861.6	863.3	852.3	831.1	798.8	788.8
45°	722.4	727.3	755.4	779.8	798.3	817.5	815.0	799.8	781.0	741.7	721.9
50°	639.8	649.9	683.8	715.8	742.4	753.7	758.9	746.2	720.7	681.5	641.9
55°	559.1	568.3	615.1	650.4	677.7	702.4	706.2	687.3	658.2	619.6	567.1
60°	478.5	486.6	529.7	581.2	614.9	645.5	647.8	636.3	590.0	552.1	498.4
65°	379.2	411.7	456.4	511.4	550.2	594.9	584.8	574.6	537.7	485.1	420.1
70°	290.1	321.5	378.7	436.8	497.8	531.4	531.7	523.1	483.4	421.8	356.1
75°	193.6	244.4	312.4	382.2	440.6	475.6	487.9	468.5	418.2	364.9	284.4
80°	109.6	153.8	244.7	324.1	381.1	414.7	426.5	416.8	362.5	299.4	230.1
85°	35.7	106.1	188.7	271.5	332.8	374.1	380.7	358.3	322.0	258.8	170.3
90°	8.7	60.9	142.6	224.2	282.1	319.5	330.5	318.5	277.3	216.5	130.8
95°	15.8	43.3	112.2	179.0	243.2	273.5	288.7	281.1	237.6	178.8	107.8
100°	1.2	17.9	82.6	145.6	203.9	236.4	245.6	243.7	204.4	144.0	78.1
105°	1.9	25.4	57.4	122.3	167.3	208.7	220.2	203.9	167.0	115.9	51.5
110°	3.8	13.2	38.3	89.8	143.0	172.9	179.5	172.2	140.9	92.9	43.7
115°	4.0	10.9	38.6	77.6	109.9	141.2	158.8	133.6	105.8	75.3	39.7
120°	6.8	11.5	29.9	60.0	95.7	101.6	122.5	113.4	86.6	58.4	32.7
125°	5.2	9.8	28.2	46.8	67.5	89.2	93.2	90.1	74.1	49.7	23.8
130°	3.5	11.8	18.8	35.1	62.4	79.3	79.7	74.3	59.0	48.9	12.7
135°	6.8	10.4	14.4	28.0	51.5	59.0	59.5	60.2	49.4	36.0	10.1
140°	7.8	9.7	10.1	13.9	33.4	46.1	49.2	42.1	43.1	21.2	11.3
145°	5.8	11.3	16.7	9.2	17.4	36.0	38.6	40.5	26.8	7.1	15.0
150°	0.0	10.1	18.8	11.5	10.6	8.0	11.8	10.6	6.1	13.2	20.2
155°	4.0	3.5	16.0	11.5	12.7	5.7	2.8	9.4	8.7	13.9	15.8
160°	4.3	4.5	6.1	7.3	13.2	13.4	14.9	21.2	13.6	16.0	6.1
165°	4.7	8.3	5.2	6.8	14.6	7.8	10.9	16.9	11.0	6.1	11.3
170°	4.7	8.9	1.9	2.6	7.3	5.4	13.4	8.7	12.0	7.8	5.4
175°	6.6	9.2	6.6	5.8	12.3	9.8	3.2	0.7	7.1	15.3	0.0
180°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4	1086.4
5°	1072.0	1083.2	1092.7	1075.5	1091.7	1093.6	1092.2	1063.5	1076.9	1074.8	1057.9
10°	1066.3	1068.0	1073.1	1054.5	1075.7	1078.1	1081.2	1051.0	1061.8	1065.4	1052.9
15°	1032.9	1036.9	1052.2	1028.7	1047.9	1053.4	1053.4	1027.5	1041.1	1034.1	1028.2
20°	1011.3	1008.9	1015.5	998.4	1012.9	1015.1	1027.7	992.9	1015.5	1013.4	994.3
25°	962.3	956.2	962.3	962.3	974.6	982.3	992.2	955.3	980.7	973.9	951.5
30°	917.6	910.1	912.2	915.6	930.6	934.8	953.9	917.1	939.5	931.5	913.2
35°	857.9	852.9	851.3	865.2	880.7	883.5	903.5	863.8	892.0	877.0	863.8
40°	783.6	783.6	786.8	807.3	819.6	836.0	857.5	819.0	843.3	827.8	807.8
45°	718.0	703.6	701.9	735.6	754.6	775.1	796.5	776.1	791.1	768.7	756.5
50°	634.9	635.6	622.9	654.8	684.3	714.6	735.8	715.8	733.0	717.5	691.6
55°	551.8	542.0	538.7	584.6	620.5	660.8	674.9	667.6	675.8	666.4	626.0
60°	464.8	453.8	462.2	511.9	551.6	599.6	619.8	614.2	606.9	593.5	568.5
65°	381.1	359.2	379.2	435.9	487.9	535.2	557.5	565.3	556.1	536.8	498.4
70°	287.5	268.2	295.4	355.9	421.8	470.2	496.6	504.4	498.9	473.3	427.6
75°	204.9	173.4	215.4	290.7	364.1	410.9	444.1	456.6	443.4	423.4	370.3
80°	139.7	94.8	144.2	226.8	297.6	359.7	390.2	404.9	393.1	359.4	312.1
85°	89.7	31.3	89.4	168.5	248.8	311.4	341.6	356.6	345.6	316.4	257.9
90°	48.5	3.5	57.4	131.5	204.7	259.9	302.0	308.6	299.7	263.4	212.6
95°	33.4	0.3	33.1	92.2	168.7	225.1	258.5	277.8	265.1	227.7	175.2
100°	20.7	8.4	20.7	73.1	139.5	190.6	220.4	238.1	224.0	189.2	141.2
105°	18.4	4.5	19.3	59.5	113.4	154.4	187.5	206.5	191.7	163.0	118.8
110°	13.6	2.1	9.8	44.2	88.6	136.9	155.0	162.1	160.9	132.9	95.5
115°	11.0	7.8	0.0	39.1	72.7	108.9	124.9	142.6	135.1	106.4	68.2
120°	8.4	9.8	9.2	21.9	53.2	88.6	102.3	116.2	102.3	91.1	58.4
125°	12.9	4.3	15.3	6.8	48.7	76.5	88.6	88.5	89.2	73.6	54.6
130°	7.8	1.2	16.2	3.8	21.6	55.8	70.4	78.1	73.4	59.8	32.2
135°	9.8	4.0	9.7	11.5	9.4	35.1	62.1	58.6	62.4	44.2	6.1
140°	4.0	3.2	10.6	9.7	7.1	5.4	17.2	37.6	22.8	0.7	4.5
145°	14.4	5.7	13.2	17.6	9.2	12.3	9.8	4.7	11.5	0.3	1.4
150°	11.0	0.0	8.9	18.6	10.6	5.2	2.1	1.9	0.0	4.3	8.9
155°	10.1	1.9	16.7	17.4	11.0	20.4	12.7	8.0	12.9	14.9	11.5
160°	11.0	5.4	8.7	15.3	16.2	14.4	17.6	15.5	12.3	14.4	11.8
165°	14.1	6.3	4.5	13.9	13.2	13.2	11.3	13.9	10.1	13.2	4.7
170°	7.8	7.8	13.4	7.8	15.5	12.3	15.3	8.7	8.4	7.3	8.7
175°	5.7	3.5	8.4	6.3	9.2	7.5	10.9	8.9	9.7	6.8	13.9
180°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1086.4	1086.4	1086.4
5°	1086.5	1076.7	1085.3
10°	1067.0	1067.0	1078.3
15°	1041.6	1050.5	1046.5
20°	1012.9	1016.0	1014.8
25°	975.2	975.2	973.6
30°	925.6	928.0	922.6
35°	874.8	872.5	869.6
40°	804.7	806.4	797.9
45°	740.8	741.9	722.4
50°	668.3	662.0	639.8
55°	592.1	580.8	559.1
60°	519.4	488.1	478.5
65°	447.4	405.5	379.2
70°	370.7	325.8	290.1
75°	297.3	231.7	193.6
80°	235.2	162.5	109.6
85°	184.4	96.0	35.7
90°	142.3	61.6	8.7
95°	105.6	31.1	15.8
100°	78.3	20.0	1.2
105°	57.2	18.4	1.9
110°	42.1	11.3	3.8
115°	40.9	12.9	4.0
120°	26.1	10.9	6.8
125°	8.3	15.8	5.2
130°	2.3	4.0	3.5
135°	12.9	9.2	6.8
140°	13.2	8.4	7.8
145°	12.0	14.1	5.8
150°	8.3	12.3	0.0
155°	13.2	8.7	4.0
160°	6.8	6.1	4.3
165°	11.0	8.9	4.7
170°	11.3	5.2	4.7
175°	3.2	4.5	6.6
180°	6.7	6.7	6.7



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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	16.61	18.09	17.13	18.61	19.19	19.67	21.15	20.19	21.68	22.25
	3H	17.99	19.34	18.53	19.88	20.49	22.37	23.72	22.91	24.26	24.87
	4H	18.41	19.69	18.96	20.24	20.86	23.72	25.00	24.28	25.55	26.18
	6H	18.63	19.83	19.20	20.39	21.03	25.12	26.32	25.69	26.88	27.52
	8H	18.67	19.82	19.25	20.40	21.05	25.85	27.00	26.43	27.58	28.23
	12H	18.67	19.77	19.26	20.35	21.03	26.64	27.75	27.23	28.32	29.00
4H	2H	17.59	18.87	18.15	19.42	20.05	19.98	21.27	20.54	21.82	22.44
	3H	19.21	20.31	19.78	20.90	21.55	22.88	23.98	23.45	24.57	25.22
	4H	19.76	20.77	20.35	21.37	22.05	24.37	25.38	24.96	25.98	26.66
	6H	20.10	20.99	20.71	21.62	22.31	25.96	26.85	26.56	27.47	28.16
	8H	20.18	21.02	20.79	21.64	22.34	26.78	27.63	27.40	28.25	28.95
	12H	20.21	20.97	20.84	21.62	22.33	27.70	28.47	28.33	29.12	29.82
8H	4H	20.56	21.40	21.17	22.02	22.73	24.52	25.36	25.13	25.98	26.68
	6H	21.10	21.81	21.74	22.48	23.18	26.24	26.95	26.88	27.62	28.32
	8H	21.27	21.92	21.92	22.59	23.31	27.18	27.83	27.84	28.50	29.22
	12H	21.37	21.95	22.03	22.61	23.39	28.26	28.84	28.92	29.50	30.29
12H	4H	20.79	21.56	21.42	22.21	22.91	24.51	25.28	25.15	25.93	26.64
	6H	21.44	22.09	22.10	22.76	23.48	26.25	26.90	26.91	27.57	28.29
	8H	21.72	22.30	22.38	22.96	23.74	27.26	27.84	27.92	28.50	29.28