

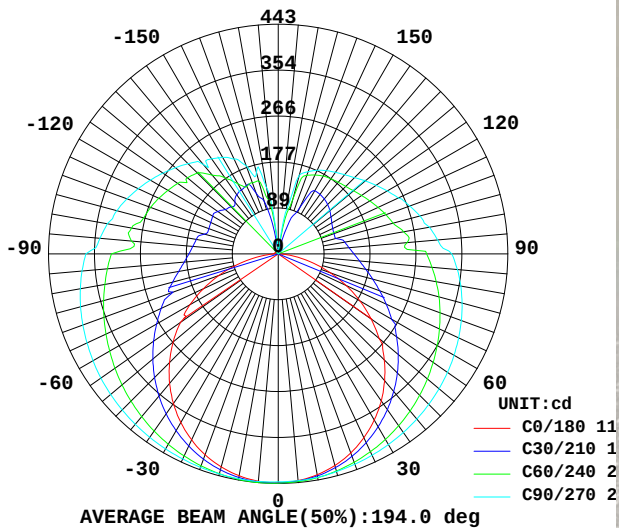
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Geniled T8 30W 4000K 3000lm 1500mm PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4015	DIMENSION: 1500x28x28	SERIAL No.:

DATA OF LAMP		Imax(cd)	443.1	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.51
NOMINAL POWER(W)	28	TOTAL FLUX(lm)	2986.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	103.9	Current(A)	0.231
NOMINAL FLUX(lm)	2986.9	η up(%)	34.1	Power(W)	28.75
LAMPS QUANTITY	1	η down(%)	65.9	Power Factor(PF)	0.562
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	2986.9	EEI	0.131

LUMINOUS INTENSITY DISTRIBUTION



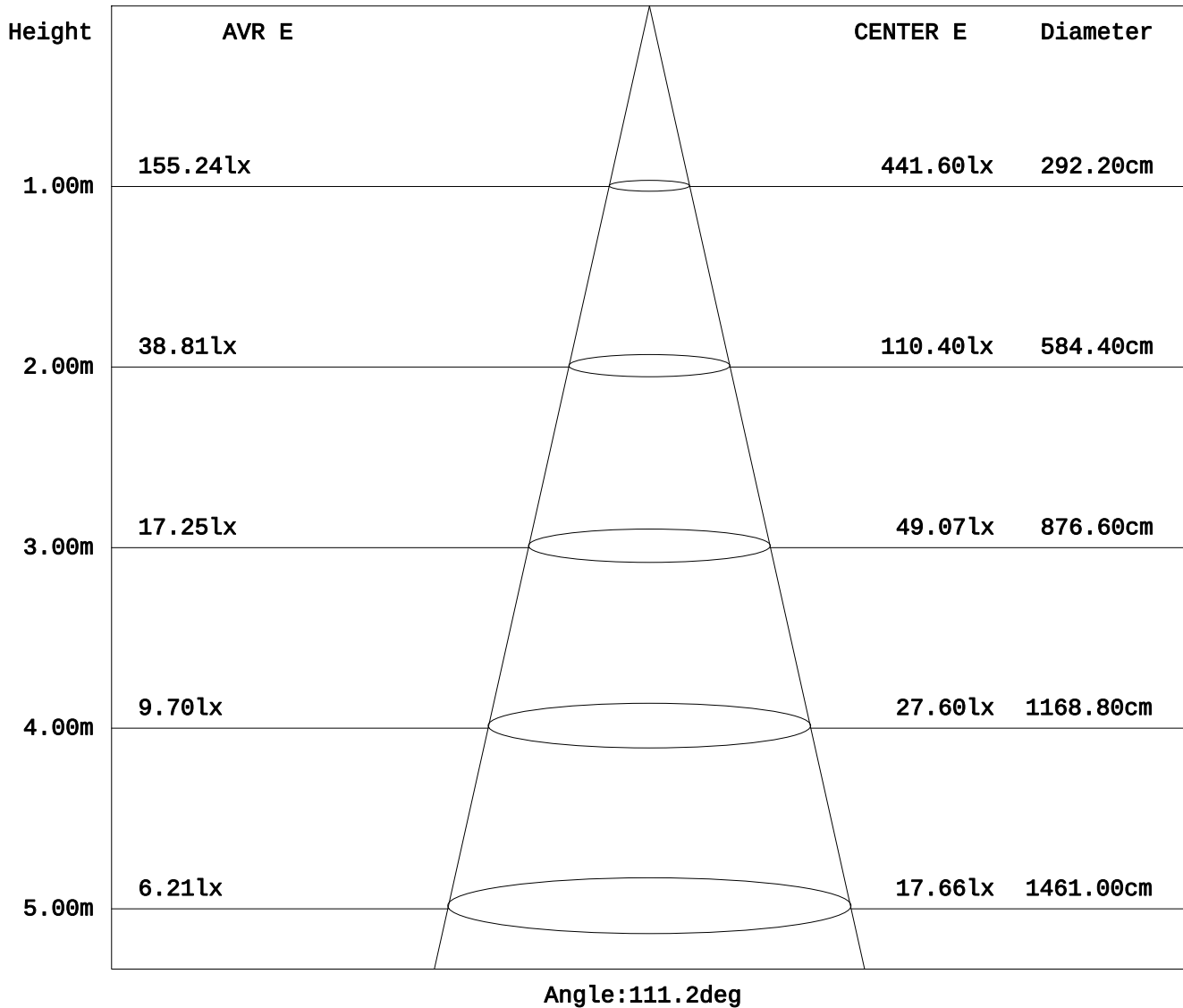
Temperature: 25.3°C
Operators:
Test Date: 10-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 87Ra. 0,1% Flickering. Temp 44.6C.

AVERAGE AND CENTER E Figure

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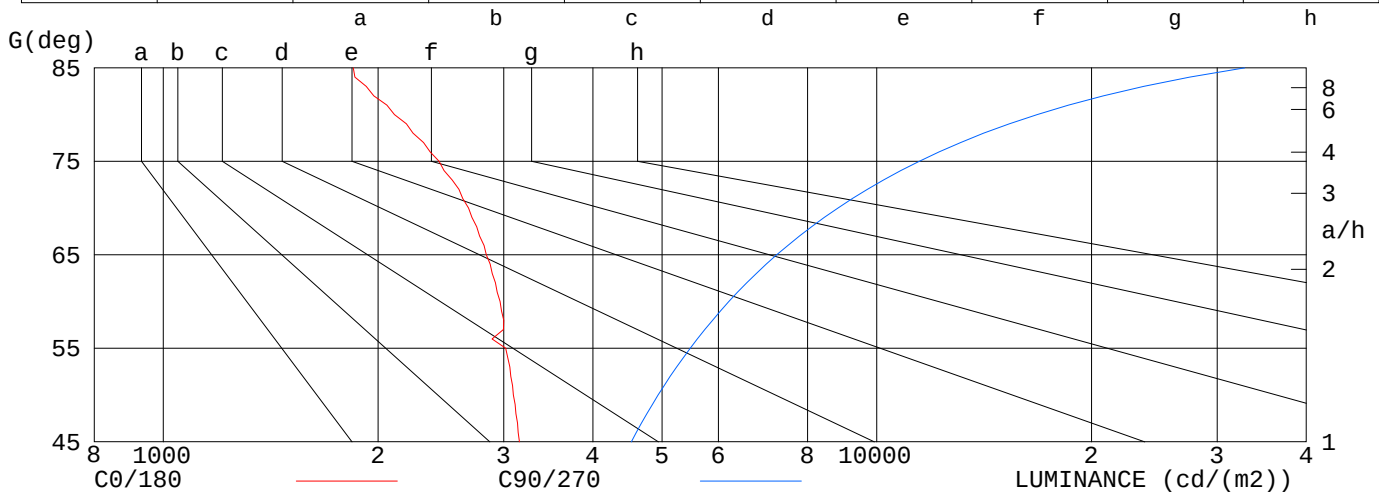
LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 4015	DIMENSION: 1500x28x28	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	1846	32791
80	2109	16791
75	2434	11469
70	2678	8822
65	2836	7241
60	2965	6205
55	3019	5478
50	3095	4937
45	3156	4529

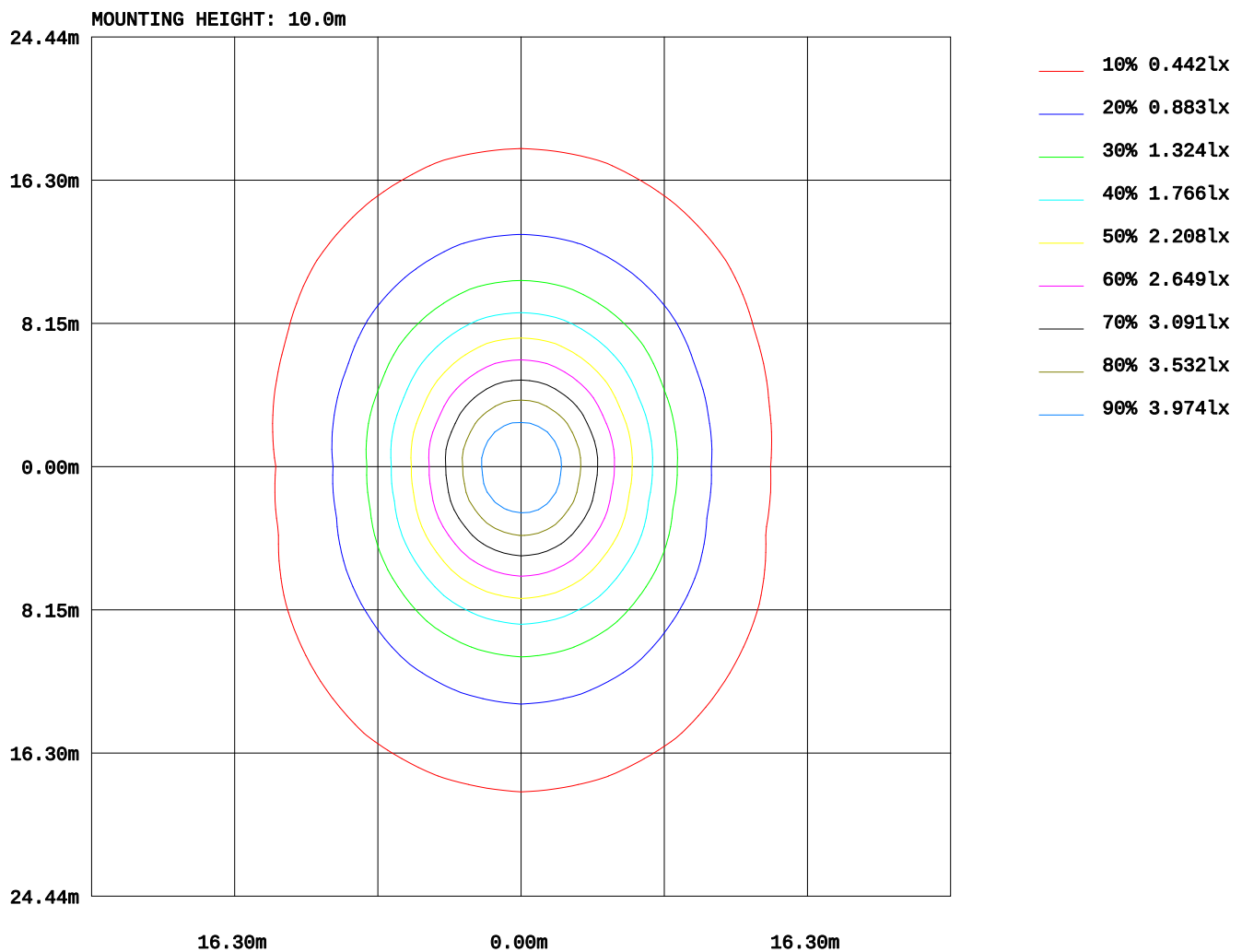
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ISOLUX DIAGRAM

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UGR Table

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Address:				
NAME: Geniled T8 30W 4000K 3000lm 1500mm PS			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4015	DIMENSION: 1500x28x28		SERIAL No.:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working 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	14.1	15.3	14.8	16.0	16.9	17.4	18.6	18.0	19.3	20.1
3H	15.6	16.7	16.3	17.4	18.3	20.5	21.6	21.2	22.3	23.2
4H	16.1	17.2	16.9	17.9	18.9	22.3	23.3	23.0	24.1	25.0
6H	16.6	17.6	17.3	18.3	19.3	24.2	25.2	25.0	26.0	26.9
8H	16.7	17.7	17.5	18.5	19.4	25.3	26.3	26.1	27.1	28.0
12H	16.8	17.7	17.6	18.5	19.5	26.6	27.5	27.4	28.3	29.3
4H 2H	15.7	16.7	16.4	17.5	18.4	17.9	18.9	18.6	19.7	20.6
3H	17.5	18.4	18.3	19.2	20.2	21.3	22.2	22.1	23.0	24.0
4H	18.3	19.2	19.1	20.0	21.0	23.3	24.1	24.1	24.9	25.9
6H	19.0	19.7	19.8	20.5	21.6	25.5	26.2	26.3	27.1	28.1
8H	19.2	19.9	20.0	20.7	21.8	26.7	27.4	27.5	28.3	29.3
12H	19.3	20.0	20.2	20.9	21.9	28.1	28.7	29.0	29.6	30.7
8H 4H	20.0	20.7	20.8	21.5	22.6	23.6	24.3	24.5	25.2	26.2
6H	21.2	21.8	22.0	22.6	23.7	26.2	26.8	27.0	27.6	28.7
8H	21.7	22.2	22.6	23.1	24.2	27.6	28.2	28.5	29.0	30.1
12H	22.1	22.5	23.0	23.4	24.6	29.3	29.8	30.2	30.7	31.8
12H 4H	20.6	21.2	21.4	22.1	23.1	23.6	24.3	24.5	25.2	26.2
6H	22.1	22.6	23.0	23.5	24.6	26.3	26.8	27.2	27.7	28.8
8H	22.8	23.3	23.7	24.2	25.3	27.9	28.3	28.8	29.2	30.4

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.2	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.3 / - 0.4

CIE Pub.117 Corrected 2987 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

Temperature:25.3'C
Operators:
Test Date:10-11-2020

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Humidity:65.0%
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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 4015	DIMENSION: 1500x28x28	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	442	442	442	443	443	442	440	440	441	442	442	441	442	442	442
5.0	440	440	442	442	443	443	441	441	441	441	441	439	439	440	440
10.0	435	434	438	440	442	442	441	440	440	438	437	433	433	435	435
15.0	426	425	432	434	439	440	440	438	437	432	430	423	423	426	427
20.0	413	413	422	427	435	438	438	436	432	424	419	410	409	414	416
25.0	396	396	409	418	430	436	437	433	427	415	406	394	392	399	402
30.0	376	377	394	407	424	432	435	429	421	403	391	374	371	380	385
35.0	353	355	377	395	417	429	432	425	413	391	373	352	347	358	367
40.0	326	330	358	382	410	425	429	421	405	377	353	326	320	333	347
45.0	297	302	338	368	402	420	426	416	397	362	332	298	289	307	325
50.0	265	273	316	354	394	415	422	411	388	347	309	269	254	277	303
55.0	230	239	294	339	385	409	418	405	379	332	286	234	219	246	279
60.0	197	208	271	325	376	404	413	399	369	317	263	202	182	217	253
65.0	159	176	249	310	367	397	407	392	360	302	240	169	145	185	230
70.0	122	146	216	297	358	390	401	385	351	288	220	138	108	153	209
75.0	83.8	119	211	285	349	383	395	378	341	275	200	110	71.1	124	189
80.0	48.6	95.7	195	273	340	375	388	370	332	263	183	85.3	38.9	97.7	172
85.0	21.4	79.5	182	263	331	366	380	361	323	251	170	68.5	13.7	77.5	158
90.0	8.40	71.5	173	246	322	356	371	351	314	236	160	60.2	3.30	65.0	146
95.0	7.80	69.5	166	229	284	324	345	318	278	220	153	58.7	3.80	58.7	137
100.0	7.80	71.6	161	224	287	321	335	315	276	216	149	61.6	4.10	57.5	131
105.0	7.10	73.0	148	208	269	305	322	299	262	199	135	63.8	4.40	59.3	116
110.0	6.70	77.9	143	204	262	294	311	289	255	196	133	71.4	4.40	62.5	115
115.0	6.40	83.7	144	200	254	283	298	278	247	192	135	81.3	4.40	71.9	116
120.0	6.20	85.9	146	196	246	272	285	267	239	188	138	89.9	4.60	80.8	120
125.0	6.10	89.5	143	192	237	261	272	254	230	185	142	97.2	4.70	89.4	125
130.0	6.10	96.3	134	178	229	246	259	242	223	183	148	102	4.90	98.0	130
135.0	6.00	104	129	163	221	234	246	231	216	182	152	97.2	5.10	101	135
140.0	6.10	112	130	155	199	223	226	220	209	181	156	81.5	5.30	71.8	138
145.0	6.10	95.3	139	144	179	213	224	211	204	179	157	72.0	5.50	63.9	141
150.0	6.20	89.5	143	145	157	200	215	203	199	175	154	46.7	5.60	40.7	141
155.0	6.20	73.1	146	148	144	160	202	192	191	165	134	18.7	5.70	10.2	98.9
160.0	6.20	40.9	125	146	146	127	182	172	179	146	105	5.80	5.80	8.40	74.0
165.0	6.20	6.60	105	112	146	109	163	149	158	102	57.7	6.00	6.00	8.00	16.4
170.0	6.30	5.50	44.2	69.9	105	69.4	129	98.7	89.8	30.3	10.9	6.00	6.10	7.70	5.80
175.0	6.20	5.60	10.3	6.20	18.1	6.40	24.6	6.50	12.7	6.50	9.60	6.10	6.20	7.40	5.90
180.0	6.20	5.80	9.09	6.70	10.3	6.90	10.9	7.10	10.3	7.00	8.70	6.50	6.40	7.10	6.20

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	443	443	442	440	440	441	442	442	441
5.0	441	441	441	439	440	441	441	440	440
10.0	438	439	440	438	438	438	438	436	435
15.0	432	434	436	435	435	433	433	428	427
20.0	424	428	433	432	432	428	425	417	415
25.0	414	421	429	429	428	421	415	403	399
30.0	403	414	424	425	423	414	404	387	381
35.0	390	405	419	421	418	405	391	369	359
40.0	376	396	413	416	413	396	377	348	335
45.0	361	386	407	411	406	386	362	326	308
50.0	345	376	400	405	400	376	346	304	279
55.0	329	365	393	399	392	365	330	280	248
60.0	313	354	385	392	385	354	314	254	218
65.0	297	343	377	384	377	343	298	232	186
70.0	282	332	369	376	368	332	283	210	155
75.0	268	321	360	367	359	321	270	190	126
80.0	255	310	349	358	349	309	256	173	99.5
85.0	241	298	339	347	338	298	243	159	79.4
90.0	227	286	328	335	327	286	218	148	67.0
95.0	204	250	292	309	293	249	207	139	60.7
100.0	202	246	288	296	288	245	206	133	59.6
105.0	181	229	273	283	274	229	182	118	61.7
110.0	176	221	260	270	261	221	178	116	63.9
115.0	171	213	249	256	249	213	173	118	73.4
120.0	168	204	238	243	238	205	170	121	82.5
125.0	165	197	227	231	228	197	167	118	84.3
130.0	163	190	217	219	218	190	158	115	89.2
135.0	164	184	207	208	208	181	146	120	96.5
140.0	165	181	200	200	200	163	143	125	86.0
145.0	165	177	194	192	194	148	145	129	67.9
150.0	165	173	188	186	186	139	146	130	63.3
155.0	164	168	183	178	161	139	145	115	39.0
160.0	160	161	176	169	138	134	143	78.0	10.0
165.0	94.3	110	168	157	112	105	93.1	46.9	8.20
170.0	29.6	50.9	93.5	81.0	63.7	59.3	54.5	6.20	7.80
175.0	10.7	6.40	12.8	6.50	12.4	6.50	10.7	6.30	7.50
180.0	9.40	6.80	10.3	7.00	9.90	7.00	9.40	6.70	7.20

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