

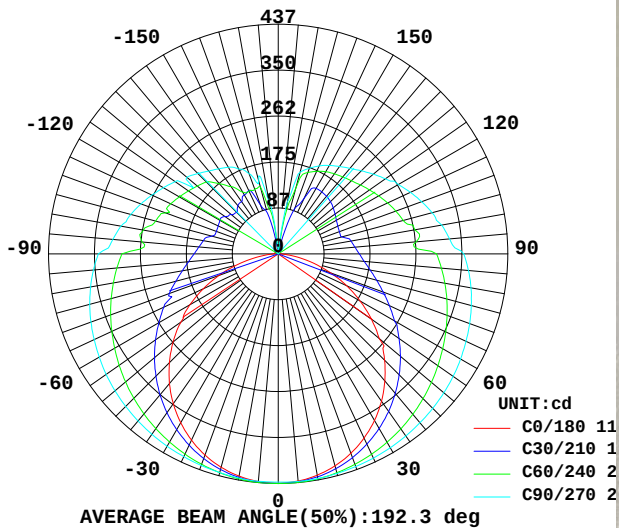
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Geniled T8 30W 6500K 3000lm 1500mm PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 6594	DIMENSION: 1500x28x28	SERIAL No.:

DATA OF LAMP		Imax(cd)	437.6	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.48
NOMINAL POWER(W)	28	TOTAL FLUX(lm)	2935.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	101.7	Current(A)	0.232
NOMINAL FLUX(lm)	2935.9	η up(%)	33.8	Power(W)	28.86
LAMPS QUANTITY	1	η down(%)	66.2	Power Factor(PF)	0.562
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	2935.9	EEI	0.134

LUMINOUS INTENSITY DISTRIBUTION



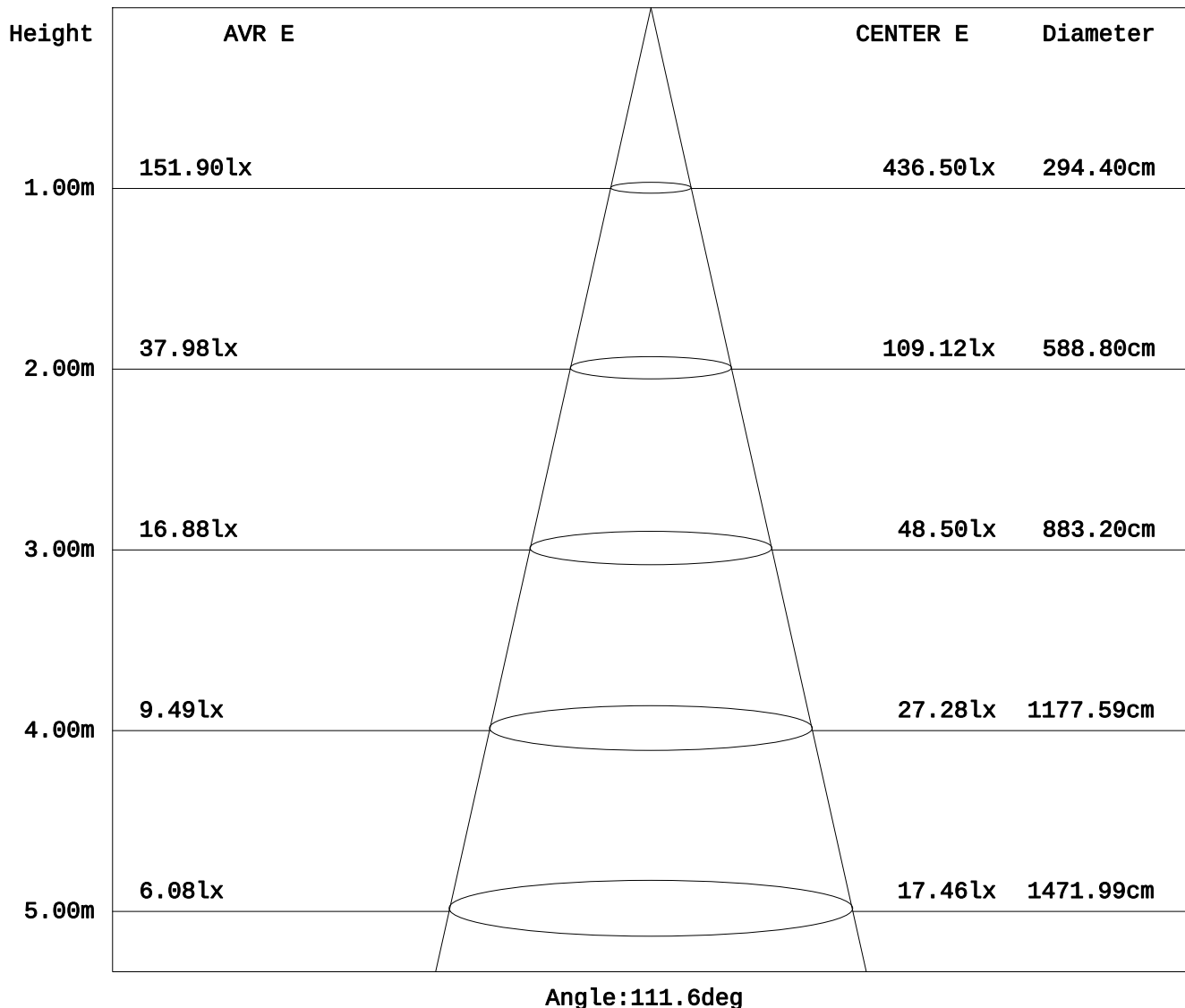
Temperature: 25.3°C
Operators:
Test Date: 10-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 86Ra. 0,2% Flickering. Temp 42.9C.

AVERAGE AND CENTER E Figure

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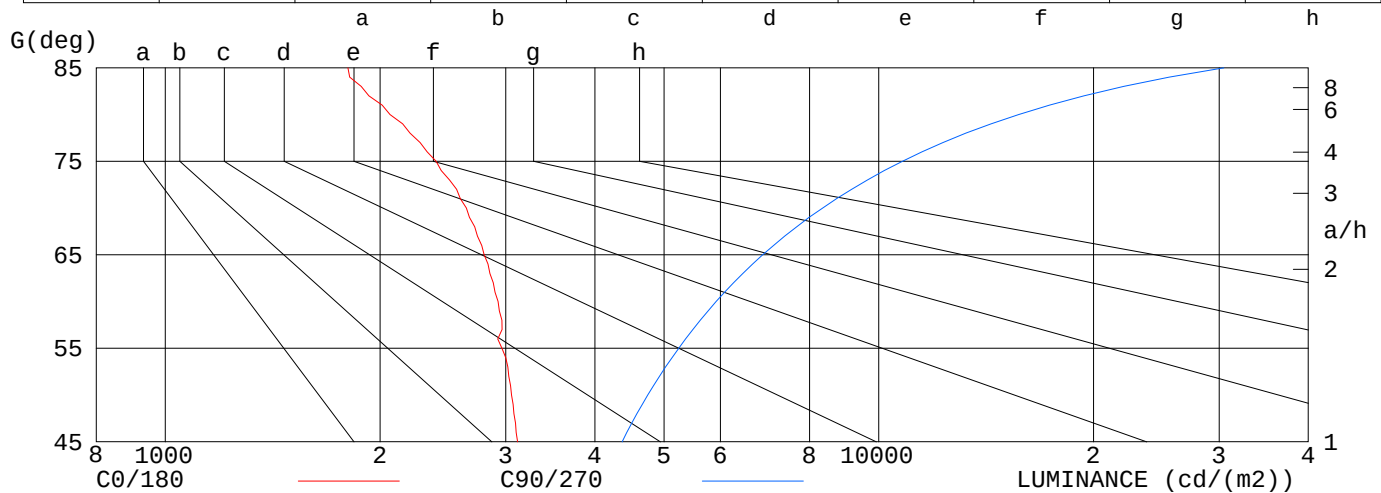
LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 6594	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	1803	30461
80	2065	15705
75	2397	10792
70	2642	8343
65	2799	6876
60	2926	5916
55	2963	5243
50	3056	4744
45	3118	4367

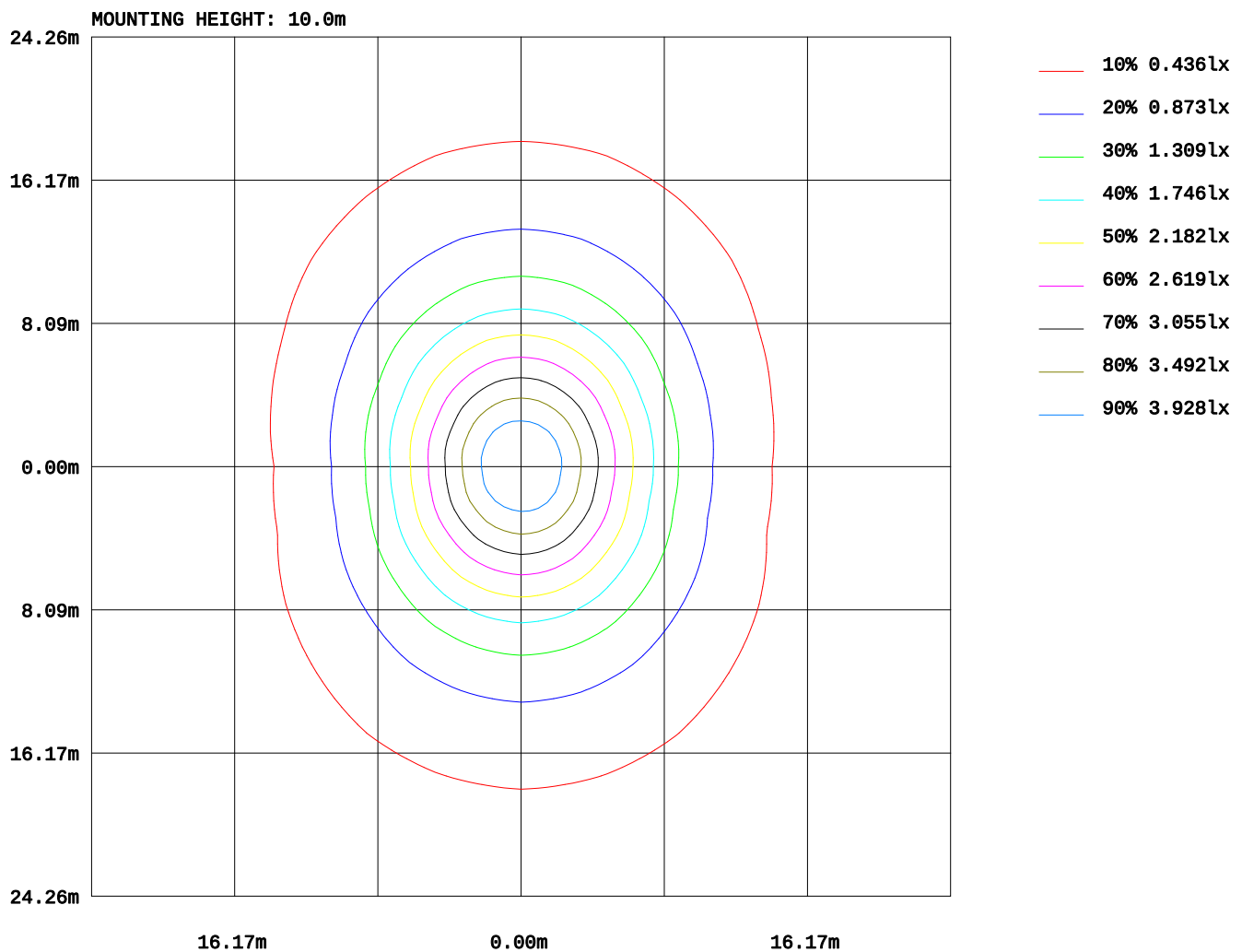
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ISOLUX DIAGRAM

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SPECIFICATION:	CCT(K): 6594	DIMENSION: 1500x28x28	SERIAL No.:



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 Operators:
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UGR Table

Report number:

MANUFACTURER:				
Address:				
NAME: Geniled T8 30W 6500K 3000lm 1500mm PS			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 6594	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	14.0	15.2	14.7	15.9	16.8	17.1	18.3	17.8	19.0	19.9
3H	15.4	16.5	16.2	17.3	18.2	20.2	21.3	20.9	22.1	22.9
4H	16.0	17.1	16.8	17.8	18.7	22.0	23.0	22.7	23.8	24.7
6H	16.5	17.4	17.2	18.2	19.2	23.9	24.9	24.6	25.6	26.6
8H	16.6	17.6	17.4	18.3	19.3	25.0	25.9	25.7	26.7	27.7
12H	16.7	17.6	17.5	18.4	19.4	26.2	27.1	27.0	27.9	28.9
4H 2H	15.5	16.6	16.3	17.3	18.3	17.7	18.7	18.4	19.5	20.4
3H	17.3	18.3	18.1	19.1	20.0	21.0	21.9	21.8	22.7	23.7
4H	18.2	19.0	19.0	19.8	20.8	23.0	23.8	23.8	24.6	25.6
6H	18.8	19.5	19.6	20.4	21.4	25.1	25.9	26.0	26.7	27.7
8H	19.0	19.7	19.8	20.5	21.6	26.3	27.0	27.2	27.9	28.9
12H	19.2	19.8	20.0	20.7	21.7	27.7	28.4	28.6	29.2	30.3
8H 4H	19.8	20.5	20.6	21.3	22.4	23.3	24.0	24.2	24.9	25.9
6H	20.9	21.5	21.8	22.4	23.5	25.8	26.4	26.7	27.3	28.3
8H	21.4	22.0	22.3	22.9	23.9	27.2	27.8	28.1	28.7	29.8
12H	21.8	22.3	22.7	23.2	24.3	28.9	29.4	29.8	30.3	31.4
12H 4H	20.3	21.0	21.2	21.8	22.9	23.3	24.0	24.2	24.8	25.9
6H	21.8	22.3	22.7	23.2	24.3	25.9	26.5	26.8	27.3	28.4
8H	22.6	23.0	23.4	23.9	25.0	27.5	28.0	28.4	28.9	30.0

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 2936 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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

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Humidity:65.0%
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Remarks: 86Ra. 0,2% Flickering. Temp 42.9C.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
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NAME: Geniled T8 30W 6500K 3000lm 1500mm PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 6594	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	436	436	437	438	437	436	435	434	436	436	436	436	436	436	437
5.0	435	434	436	436	437	436	434	434	435	435	435	433	434	435	436
10.0	430	428	432	433	435	434	433	432	432	431	430	427	428	430	431
15.0	421	419	425	427	431	432	431	429	429	424	423	417	418	422	423
20.0	408	407	415	419	426	429	429	426	423	416	412	405	404	410	413
25.0	391	390	402	409	420	425	426	422	417	406	399	388	387	395	400
30.0	371	371	387	398	414	421	423	417	410	394	383	368	366	377	384
35.0	348	349	369	386	406	416	419	412	402	381	365	346	343	355	367
40.0	322	324	350	372	398	411	415	407	393	366	345	321	316	331	347
45.0	293	296	329	357	389	405	411	401	384	351	324	293	286	305	325
50.0	261	268	307	343	379	399	406	394	374	336	301	267	251	276	304
55.0	226	234	285	327	370	392	400	387	364	320	278	229	217	245	281
60.0	195	203	263	312	360	385	393	380	353	304	255	198	180	216	256
65.0	157	172	241	297	350	377	387	372	343	289	227	165	144	185	234
70.0	120	142	221	283	340	369	380	364	333	274	212	134	107	154	213
75.0	82.5	115	202	270	329	360	372	355	322	261	192	106	70.4	125	194
80.0	47.7	91.7	185	255	319	350	363	345	311	246	174	81.9	38.5	99.1	178
85.0	20.9	75.4	172	244	308	340	353	335	301	234	160	64.7	13.5	79.2	165
90.0	8.20	66.2	160	227	298	329	342	323	290	218	149	55.5	3.40	67.5	154
95.0	7.40	62.6	152	208	260	296	316	291	255	201	140	52.3	3.80	62.3	147
100.0	7.40	63.3	145	202	261	291	304	286	252	195	134	53.8	4.10	61.9	141
105.0	6.90	63.5	131	185	242	274	291	269	236	178	120	55.4	4.40	64.2	125
110.0	6.50	66.9	126	181	229	263	278	260	228	174	117	62.5	4.40	66.5	124
115.0	6.20	71.4	126	176	226	250	265	246	220	169	118	71.5	4.40	75.7	125
120.0	6.10	77.4	128	172	217	239	252	234	211	165	121	79.1	4.50	84.4	128
125.0	6.00	81.4	124	168	209	227	240	223	203	162	125	85.5	4.70	92.4	132
130.0	5.90	87.5	117	156	201	216	227	212	196	161	130	87.5	4.80	101	137
135.0	5.90	94.0	112	140	194	205	217	202	189	160	135	83.3	5.00	106	141
140.0	6.00	98.2	120	136	175	196	206	194	185	160	139	59.1	5.20	86.0	143
145.0	6.00	74.5	121	128	157	188	198	187	181	159	140	52.2	5.40	78.0	144
150.0	6.00	69.1	130	131	136	178	191	180	177	155	133	34.0	5.50	55.5	144
155.0	6.10	52.8	133	133	132	142	178	171	170	144	110	9.20	5.60	20.9	117
160.0	6.10	21.6	98.7	133	131	116	163	152	156	127	77.8	5.80	5.70	8.40	92.0
165.0	6.10	5.40	80.8	88.3	133	97.0	144	134	129	76.5	42.6	5.90	5.90	8.00	32.7
170.0	6.10	5.40	22.4	48.2	82.8	53.3	101	74.9	73.4	17.7	9.70	6.00	6.00	7.60	5.70
175.0	6.10	5.50	9.30	6.00	12.1	6.20	14.7	6.30	11.2	6.30	8.90	6.00	6.10	7.40	5.80
180.0	6.10	5.70	8.50	6.40	9.60	6.60	10.1	6.80	9.60	6.80	8.20	6.30	6.30	7.00	6.00

Temperature:25.3'C
Operators:
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SPECIFICATION:	CCT(K): 6594	DIMENSION: 1500x28x28	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	438	437	436	435	434	436	436	436	436
5.0	437	437	436	435	435	436	436	435	435
10.0	434	435	436	434	434	434	434	432	431
15.0	429	431	434	433	432	430	429	424	423
20.0	422	427	431	431	430	426	422	414	411
25.0	413	421	428	429	427	420	413	401	396
30.0	402	414	425	426	424	414	403	385	378
35.0	390	407	421	423	420	407	391	368	357
40.0	377	399	416	420	416	398	378	348	332
45.0	363	390	411	416	411	390	364	327	306
50.0	348	381	406	411	405	380	349	306	278
55.0	333	371	400	406	399	371	334	283	247
60.0	318	361	393	401	393	361	319	264	218
65.0	303	352	387	394	386	352	305	236	187
70.0	289	342	380	388	379	342	291	215	156
75.0	276	332	372	380	372	332	278	196	127
80.0	264	322	363	373	363	322	266	180	101
85.0	252	312	354	364	354	312	254	167	81.5
90.0	242	301	344	353	345	302	244	157	70.0
95.0	216	263	308	328	310	264	221	150	65.0
100.0	216	264	306	316	307	265	221	144	64.7
105.0	194	246	292	303	293	247	198	130	67.2
110.0	190	238	279	291	280	240	193	127	69.0
115.0	185	230	268	278	269	231	188	128	78.1
120.0	181	221	256	264	257	222	184	131	87.0
125.0	177	212	244	249	245	214	180	127	88.3
130.0	175	204	230	236	229	205	170	122	92.5
135.0	174	197	222	224	223	194	156	126	99.8
140.0	173	191	212	213	213	174	151	130	98.4
145.0	172	186	204	203	205	157	152	132	82.2
150.0	170	181	197	194	196	146	151	133	77.9
155.0	167	174	189	185	168	144	148	129	53.7
160.0	163	165	180	174	143	137	145	95.0	19.6
165.0	113	130	170	161	115	121	110	63.8	8.29
170.0	48.2	70.0	112	99.6	76.4	75.4	71.5	6.20	7.90
175.0	10.5	6.30	14.2	6.40	14.7	6.30	10.8	6.20	7.60
180.0	9.30	6.70	10.2	6.90	9.80	6.90	9.40	6.60	7.20

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