

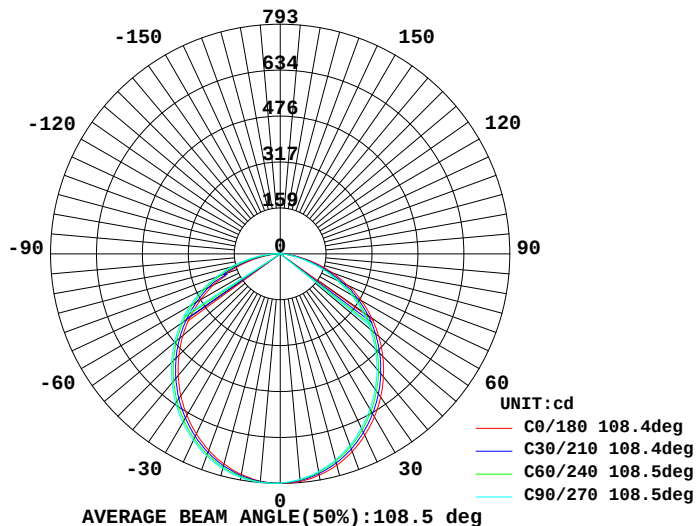
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Geniled Griliato Tetris x4 40W 4000K Opal		TYPE:	WEIGHT: 85x85x40
SPECIFICATION:	CCT(K): 4159	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	795.5	S/MH(C0/180)	1.21
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	2180.0	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	61.3	Current(A)	0.168
NOMINAL FLUX(lm)	2179.9	η up(%)	2.0	Power(W)	35.56
LAMPS QUANTITY	1	η down(%)	98.0	Power Factor(PF)	0.955
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	2180.0	EEI	0.222

LUMINOUS INTENSITY DISTRIBUTION



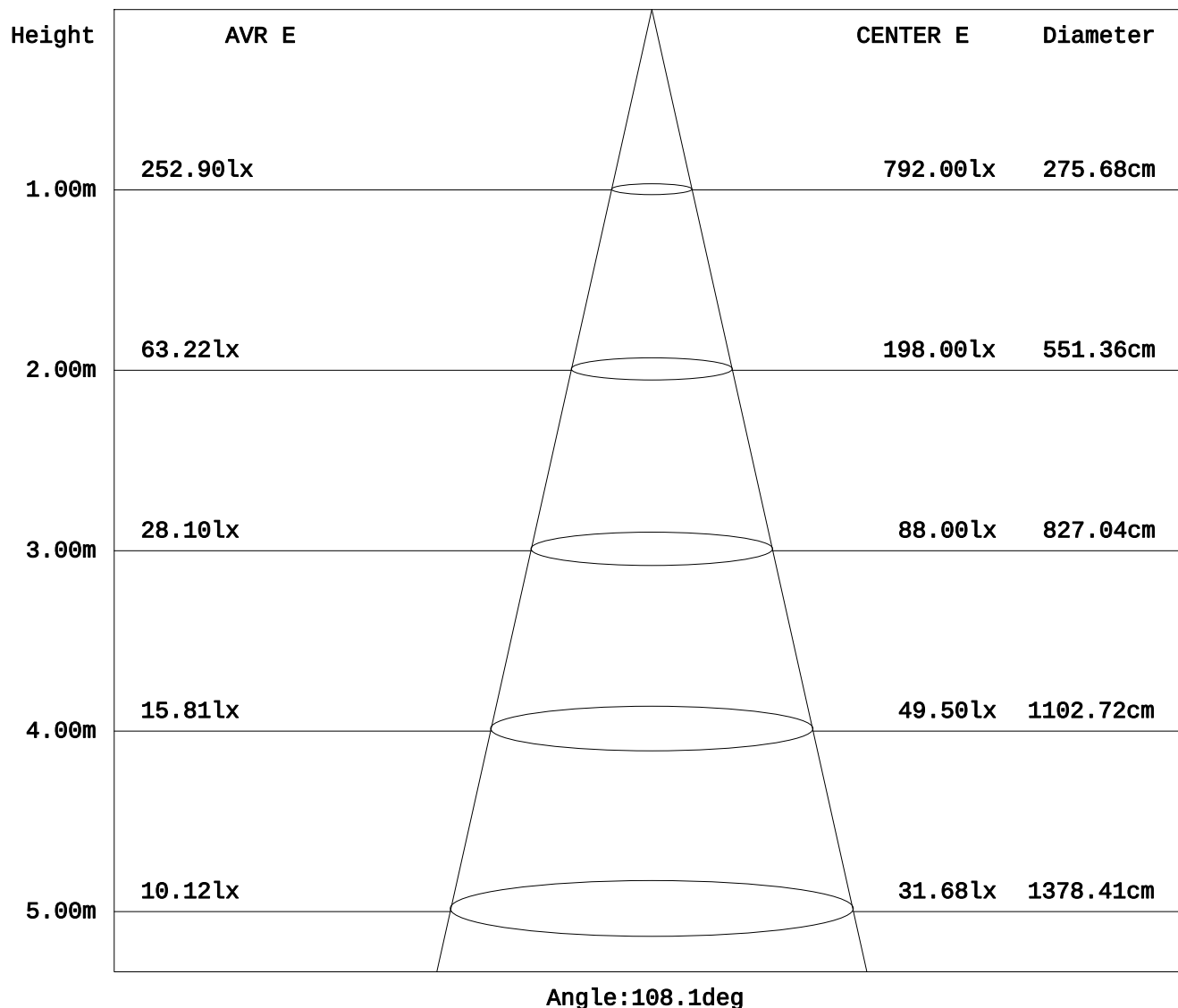
Test System:
 Temperature:25.3'C
 Operators:
 Test Date:03-03-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 96Ra. 0.9% Temp 49.3

AVERAGE AND CENTER E Figure

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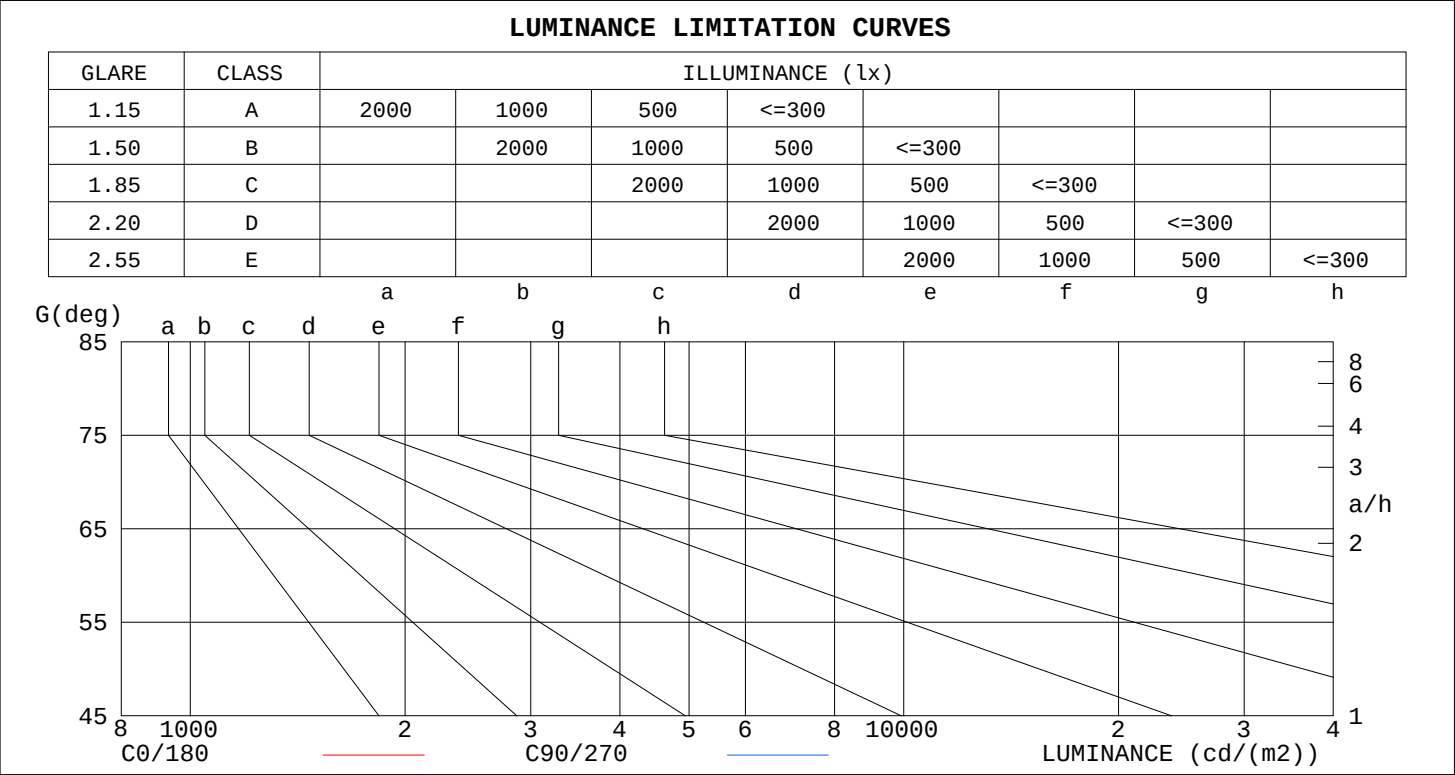
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LUMINANCE LIMITATION CURVES

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LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	42401	93219
80	58186	91822
75	70857	94921
70	78831	95019
65	83349	97694
60	88138	99848
55	91431	101060
50	94355	102538
45	96891	103898

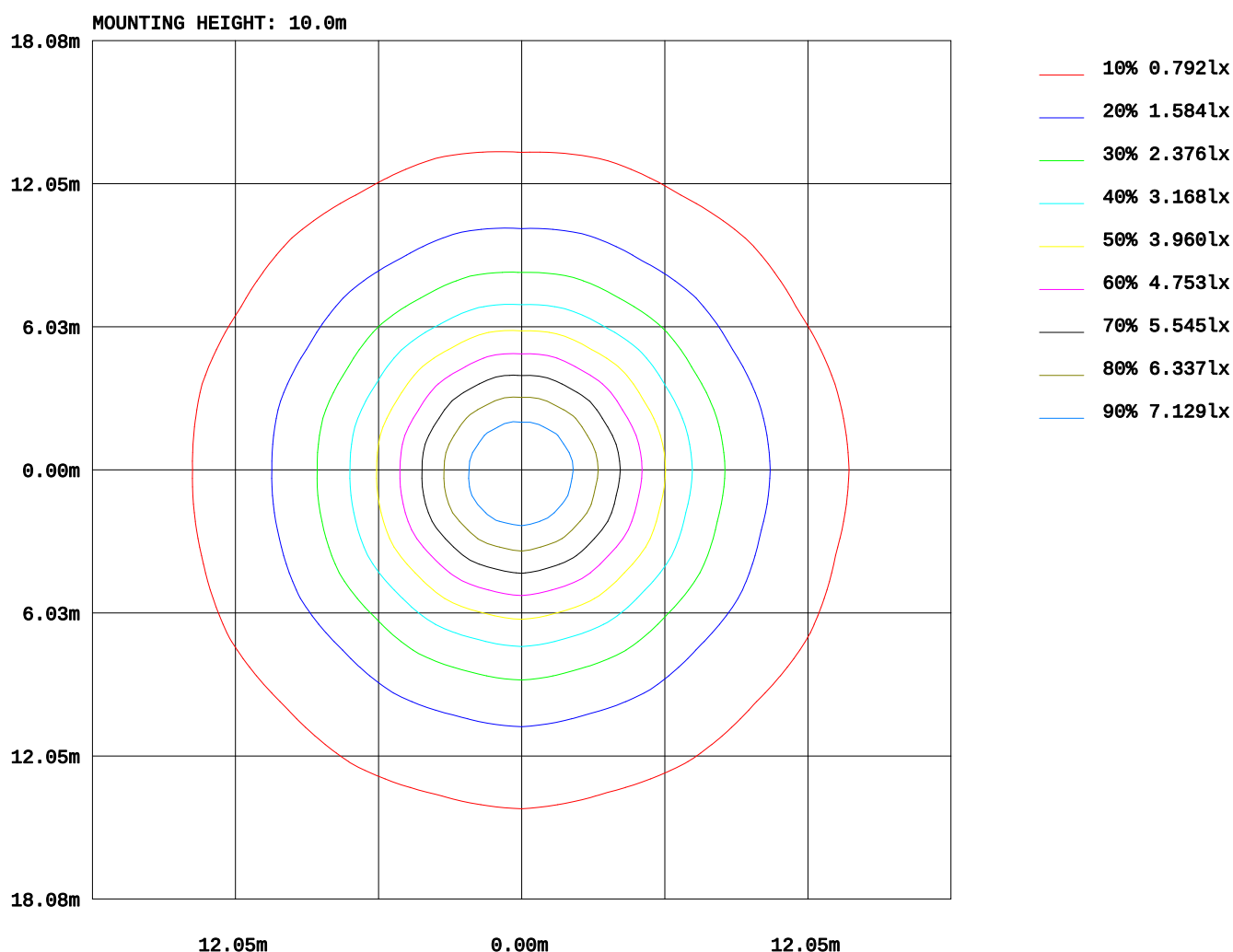
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4159	DIMENSION:		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	28.4	29.9	28.7	30.1	30.4	28.9	30.4	29.2	30.6	30.8
3H	29.7	31.1	30.0	31.3	31.6	30.5	31.8	30.8	32.1	32.4
4H	30.2	31.5	30.5	31.8	32.1	31.1	32.4	31.5	32.7	33.0
6H	30.5	31.7	30.9	32.0	32.4	31.7	32.9	32.0	33.2	33.5
8H	30.6	31.8	31.0	32.1	32.4	31.9	33.0	32.2	33.4	33.7
12H	30.6	31.7	31.0	32.1	32.4	32.0	33.1	32.4	33.5	33.8
4H 2H	29.1	30.4	29.4	30.6	30.9	29.4	30.7	29.8	31.0	31.3
3H	30.6	31.7	31.0	32.0	32.4	31.2	32.3	31.6	32.7	33.0
4H	31.2	32.2	31.6	32.6	33.0	32.0	33.0	32.4	33.4	33.8
6H	31.6	32.5	32.0	32.9	33.3	32.6	33.5	33.0	33.9	34.3
8H	31.7	32.5	32.1	32.9	33.3	32.8	33.7	33.3	34.1	34.5
12H	31.7	32.5	32.2	32.9	33.3	33.0	33.8	33.5	34.2	34.7
8H 4H	31.5	32.3	31.9	32.7	33.2	32.2	33.0	32.6	33.4	33.9
6H	32.0	32.7	32.5	33.2	33.6	33.0	33.7	33.4	34.1	34.6
8H	32.2	32.8	32.7	33.2	33.7	33.3	33.9	33.8	34.3	34.8
12H	32.2	32.8	32.7	33.2	33.8	33.5	34.0	34.0	34.5	35.0
12H 4H	31.5	32.3	32.0	32.7	33.1	32.2	33.0	32.6	33.4	33.8
6H	32.1	32.7	32.6	33.1	33.6	33.0	33.6	33.5	34.1	34.6
8H	32.3	32.8	32.8	33.3	33.8	33.3	33.9	33.8	34.3	34.9

Variations with the observer position at spacings:

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

CIE Pub.117 Corrected 2180 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	792	791	791	792	791	792	791	792	793	795	795	795	792	791	791
5.0	788	785	789	789	790	791	792	791	794	794	794	792	789	788	785
10.0	773	771	777	776	781	780	783	782	786	784	786	782	776	775	770
15.0	751	748	757	756	763	762	767	764	770	765	768	762	755	755	747
20.0	721	718	729	727	737	734	742	738	745	739	742	734	726	727	717
25.0	685	682	695	692	703	700	710	705	713	705	710	699	691	692	680
30.0	644	640	655	652	665	661	673	666	675	666	671	659	650	653	637
35.0	598	593	610	606	621	617	629	622	631	621	627	612	605	607	591
40.0	547	542	560	556	572	566	581	573	584	571	578	562	554	557	540
45.0	495	489	509	503	521	515	531	521	534	519	527	510	500	506	485
50.0	438	432	453	447	466	459	476	465	479	463	472	452	445	450	429
55.0	379	372	394	388	409	401	419	407	421	404	413	393	385	391	370
60.0	318	311	335	328	350	341	361	349	363	344	354	332	323	332	308
65.0	255	241	271	276	286	279	298	286	300	281	291	276	255	270	240
70.0	195	177	209	192	222	208	235	216	236	210	224	197	191	207	176
75.0	133	116	147	129	162	146	178	154	177	146	167	135	128	147	114
80.0	73.0	58.8	84.8	69.4	99.0	84.5	115	93.5	113	84.4	103	75.5	71.5	86.5	58.4
85.0	26.6	15.0	35.7	24.0	43.7	30.8	58.7	36.7	53.8	33.2	48.4	25.9	24.1	34.0	14.2
90.0	8.70	3.20	9.80	3.70	13.9	5.60	18.9	7.60	18.4	7.60	13.7	3.40	3.50	9.50	2.80
95.0	8.20	3.60	8.29	3.50	8.90	3.70	9.40	3.10	8.70	3.20	8.10	2.80	3.30	8.10	3.10
100.0	8.00	4.00	7.90	3.50	7.80	3.40	8.00	3.20	7.90	3.30	7.60	3.20	3.80	7.70	3.70
105.0	7.90	4.40	7.70	3.90	7.50	3.70	7.50	3.60	7.50	3.70	7.40	3.50	4.30	7.50	4.10
110.0	7.80	4.80	7.60	4.30	7.40	4.10	7.30	4.00	7.40	4.10	7.30	4.00	4.90	7.60	4.60
115.0	7.90	5.10	7.60	4.70	7.50	4.50	7.40	4.40	7.50	4.60	7.50	4.60	5.50	7.70	5.10
120.0	8.20	5.80	7.80	5.30	7.60	5.20	7.60	5.00	7.50	5.20	7.70	5.10	6.00	7.90	5.50
125.0	8.50	6.20	7.80	5.80	7.90	5.80	7.80	5.70	7.80	5.70	7.90	5.60	6.60	8.10	6.00
130.0	8.90	6.70	8.20	6.20	8.20	6.40	8.10	6.10	8.10	6.30	8.00	6.20	7.20	8.40	6.50
135.0	9.09	7.20	8.50	6.60	8.60	6.70	8.40	6.60	8.50	6.50	8.29	6.70	7.70	8.70	6.90
140.0	9.40	7.70	8.80	7.10	8.70	7.20	8.70	6.90	8.60	7.00	8.60	7.20	8.29	9.20	7.40
145.0	9.80	8.00	9.00	7.60	8.80	7.50	8.70	7.30	8.80	7.50	8.90	7.70	8.70	9.60	8.00
150.0	10.1	8.20	9.20	8.00	9.09	7.90	9.00	7.70	9.00	8.00	9.20	8.29	9.00	9.90	8.40
155.0	9.90	8.70	9.50	8.50	9.30	8.29	9.30	8.10	9.20	8.29	9.40	8.60	9.09	9.80	8.60
160.0	9.80	8.90	9.30	8.60	9.50	8.70	9.60	8.50	9.40	8.50	9.50	8.80	9.40	9.90	8.90
165.0	10.0	9.00	9.50	8.90	9.70	8.90	9.80	8.80	9.60	8.80	9.70	9.09	9.70	10.2	9.20
170.0	10.2	9.20	9.80	9.00	10.0	9.30	10.1	9.09	9.90	9.60	10.1	9.30	10.0	10.2	9.60
175.0	10.3	9.50	10.0	9.40	10.0	9.60	10.3	9.40	10.0	9.40	10.2	9.60	10.4	10.3	9.90
180.0	10.9	10.3	10.2	9.70	10.1	9.90	10.4	10.0	10.3	9.90	10.4	10.3	11.1	10.5	9.70

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Remarks: 96Ra. 0.9% Temp 49.3

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	792	791	792	791	792	793	795	795	795
5.0	786	783	784	781	783	783	786	786	789
10.0	771	766	769	763	766	764	771	768	773
15.0	749	741	744	737	741	738	746	741	749
20.0	719	709	713	704	709	704	713	709	719
25.0	682	671	674	663	670	665	675	670	681
30.0	641	627	632	619	627	619	633	625	640
35.0	595	580	585	571	580	571	584	578	592
40.0	544	528	534	519	528	519	533	525	541
45.0	492	473	481	464	475	463	480	469	488
50.0	436	417	425	407	418	407	422	413	431
55.0	377	357	365	347	359	346	363	351	371
60.0	317	295	306	285	298	284	302	289	310
65.0	253	227	243	218	236	216	238	221	246
70.0	194	163	184	155	178	153	180	157	187
75.0	132	102	123	96.1	117	93.6	119	96.3	125
80.0	72.6	49.5	66.2	46.3	62.0	43.3	61.6	44.6	66.9
85.0	27.5	13.7	25.7	14.7	24.2	10.9	20.9	7.60	21.4
90.0	8.80	3.00	8.80	3.20	8.70	3.20	8.50	2.80	8.29
95.0	7.90	3.30	8.00	3.50	7.90	3.30	7.90	3.30	7.70
100.0	7.60	3.80	7.80	3.70	7.70	3.80	7.60	3.70	7.50
105.0	7.60	4.30	7.60	4.10	7.60	4.30	7.50	4.10	7.40
110.0	7.60	4.80	7.70	4.60	7.60	4.80	7.60	4.60	7.40
115.0	7.80	5.30	7.80	5.20	7.70	5.30	7.70	5.10	7.50
120.0	8.00	5.70	8.00	5.70	8.00	5.70	7.90	5.70	7.70
125.0	8.20	6.20	8.29	6.30	8.40	6.30	8.20	6.00	8.00
130.0	8.40	6.70	8.60	6.90	8.80	6.90	8.40	6.50	8.29
135.0	8.60	7.10	8.70	7.40	8.90	7.30	8.50	6.90	8.60
140.0	8.80	7.50	8.80	7.60	9.09	7.50	8.80	7.40	8.80
145.0	9.00	7.80	9.00	7.90	9.20	8.00	9.09	7.80	9.09
150.0	9.30	8.20	9.20	8.29	9.40	8.40	9.40	8.20	9.50
155.0	9.60	8.40	9.50	8.60	9.60	8.80	9.70	8.60	9.90
160.0	9.50	8.70	9.70	8.90	9.90	9.00	9.70	8.80	9.90
165.0	10.1	9.00	9.90	9.30	10.2	9.20	10.0	9.00	9.90
170.0	10.2	9.40	10.0	9.60	10.3	9.70	10.1	9.30	10.0
175.0	10.3	9.60	10.3	9.90	10.5	9.60	10.1	9.50	10.0
180.0	10.1	9.70	10.2	10.0	10.3	9.90	10.3	9.90	10.7

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