

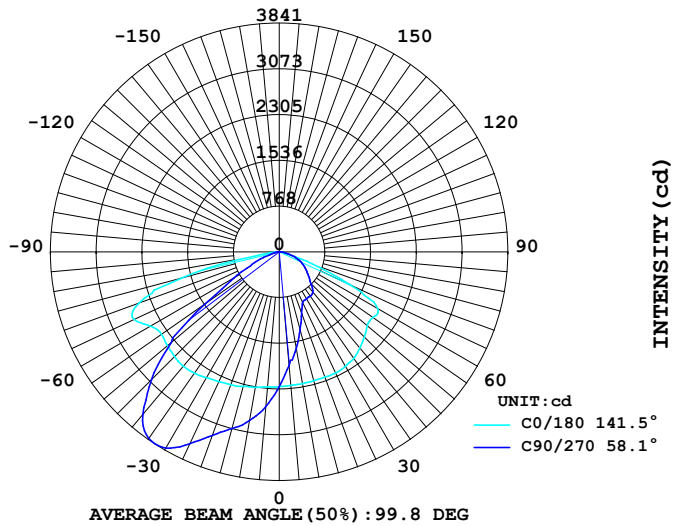
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

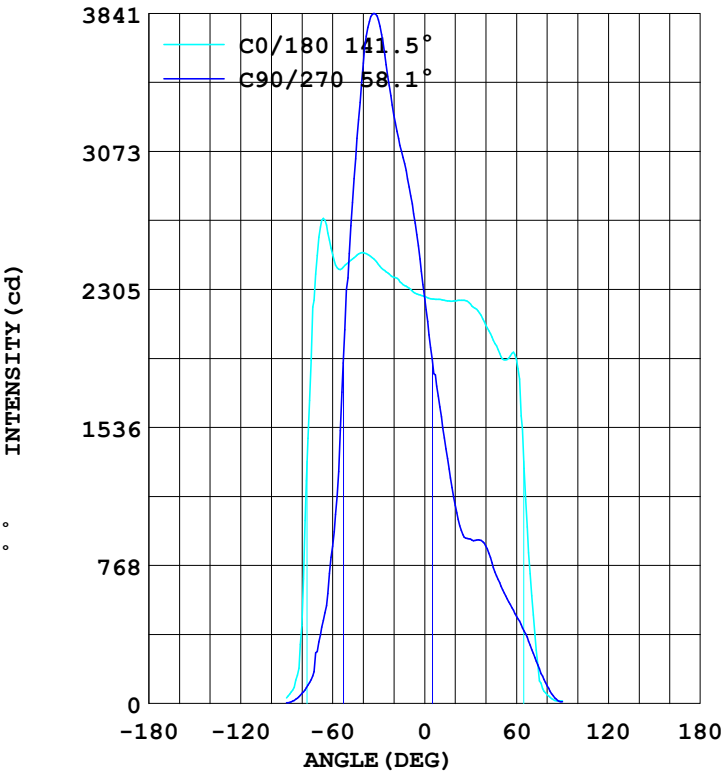
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-T3B	WEIGHT:
SPECIFICATION: 5050LED、3000K、145*53DEG	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	4824	S/MH (C0/180)	1.67
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.75
NOMINAL POWER(W)	66	TOTAL FLUX(lm)	8876.4	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	134.9	Current(A)	0.293
NOMINAL FLUX(lm)	8876.4	$\eta$ up (%)	0.0	Power(W)	65.80
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	230.9	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



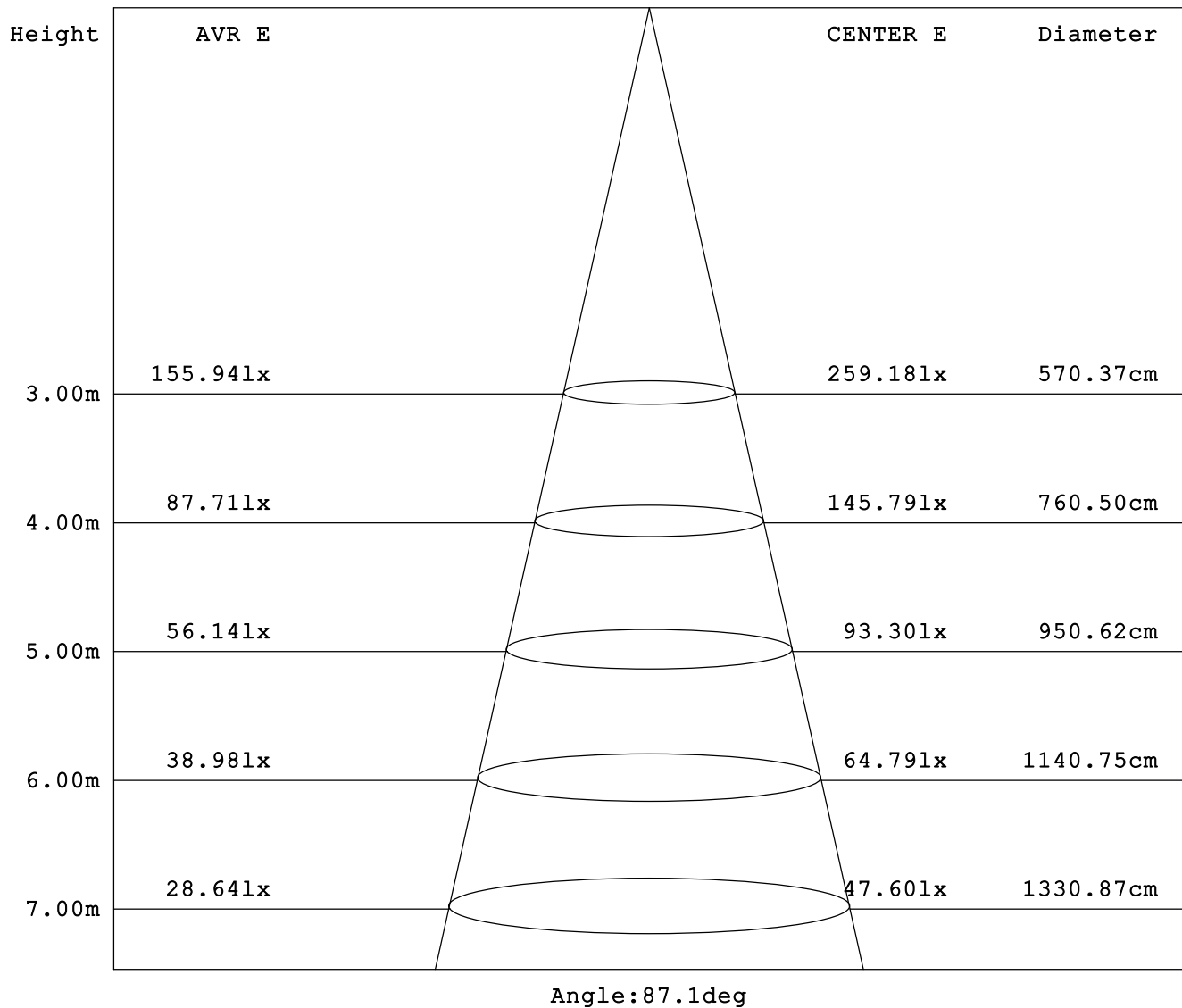
Test System:  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025.07.01

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-T3	B WEIGHT:
SPECIFICATION: 5050LED、3000K、145*53DEG	DIMENSION:	SERIAL No.:



Test System:  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025.07.01

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Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes D	TYPE: IL-PO29D-N0652C-T3B	WEIGHT:
SPECIFICATION: 5050LED、3000K、145*53DEG	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2279	2524	2608	2492	2252	2036	1918	2078	0- 5	54.24	54.24
10.0	2311	2772	2874	2684	2248	1790	1650	1852	5- 10	162.5	216.7
15.0	2339	2977	3075	2867	2241	1562	1363	1644	10- 15	268.7	485.5
20.0	2373	3153	3276	3042	2241	1328	1104	1438	15- 20	370.8	856.4
25.0	2403	3378	3554	3251	2243	1117	938.8	1236	20- 25	472.9	1329
30.0	2443	3627	3805	3469	2223	972.4	915.0	1051	25- 30	581.6	1911
35.0	2487	3827	3822	3644	2184	943.1	910.8	946.2	30- 35	691.0	2602
40.0	2508	3931	3563	3761	2106	990.4	877.6	951.2	35- 40	785.0	3387
45.0	2488	3870	3031	3724	2022	1012	756.2	997.6	40- 45	845.9	4233
50.0	2452	3627	2369	3528	1929	973.1	653.4	974.6	45- 50	864.5	5098
55.0	2415	3195	1518	3115	1921	829.0	565.4	935.4	50- 55	838.7	5936
60.0	2499	2678	875.0	2739	1916	592.7	486.9	725.0	55- 60	780.0	6716
65.0	2690	2019	505.5	2214	1309	407.6	404.3	504.9	60- 65	719.0	7435
70.0	2494	1072	289.2	1438	600.0	278.2	300.6	355.7	65- 70	649.7	8085
75.0	1686	384.9	116.6	399.9	125.7	152.6	193.9	197.2	70- 75	480.1	8565
80.0	434.3	151.1	55.90	115.4	49.49	65.34	98.69	79.63	75- 80	244.6	8810
85.0	90.04	57.03	17.05	38.68	16.96	15.22	31.94	23.17	80- 85	54.47	8865
90.0	31.59	14.43	4.634	11.44	14.26	6.721	9.071	7.565	85- 90	11.86	8876
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:  
Temperature:25.3DEG  
Operators:  
Test Date:2025.07.01

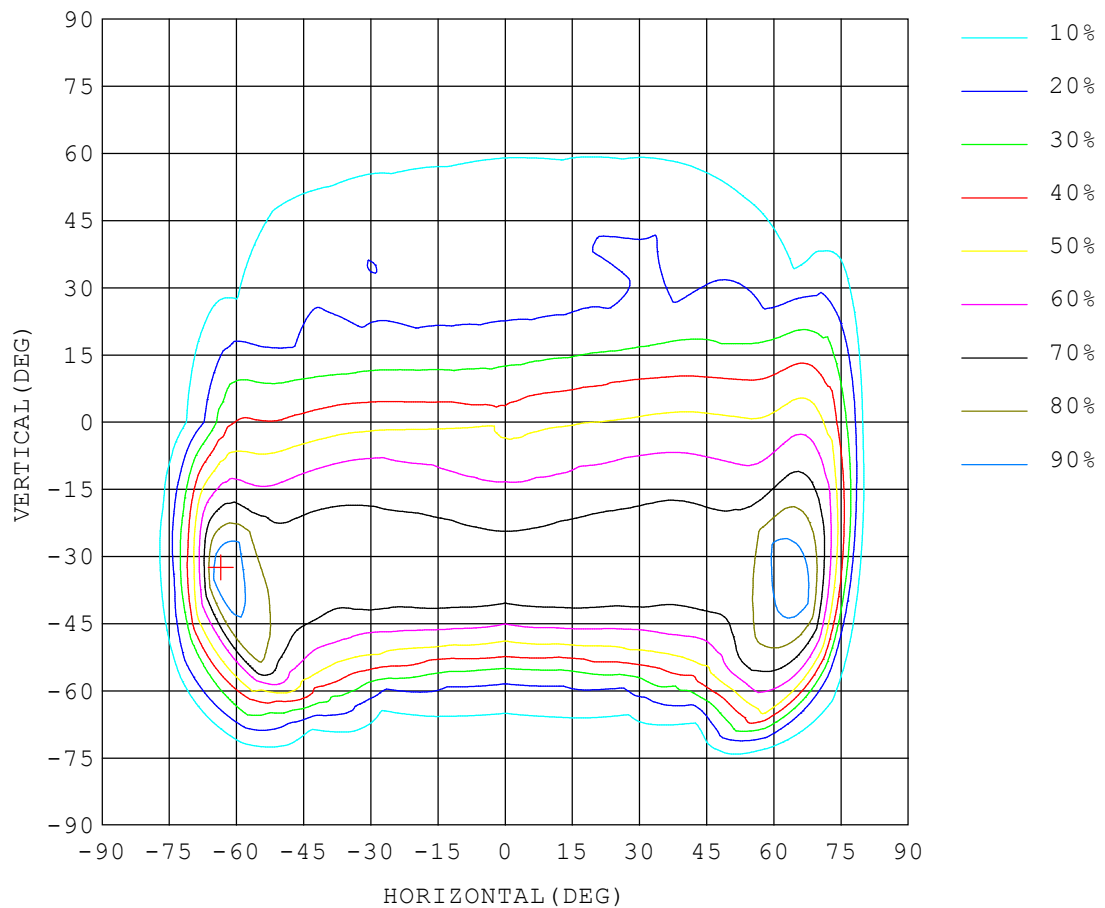
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Remarks:

## ISOCANDELA DIAGRAM

Report number:

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NAME: Agnes D	TYPE: IL-PO29D-N0652C-T3B	WEIGHT:
SPECIFICATION: 5050LED、3000K、145*53DEG	DIMENSION:	SERIAL No.:

UNIT: cd



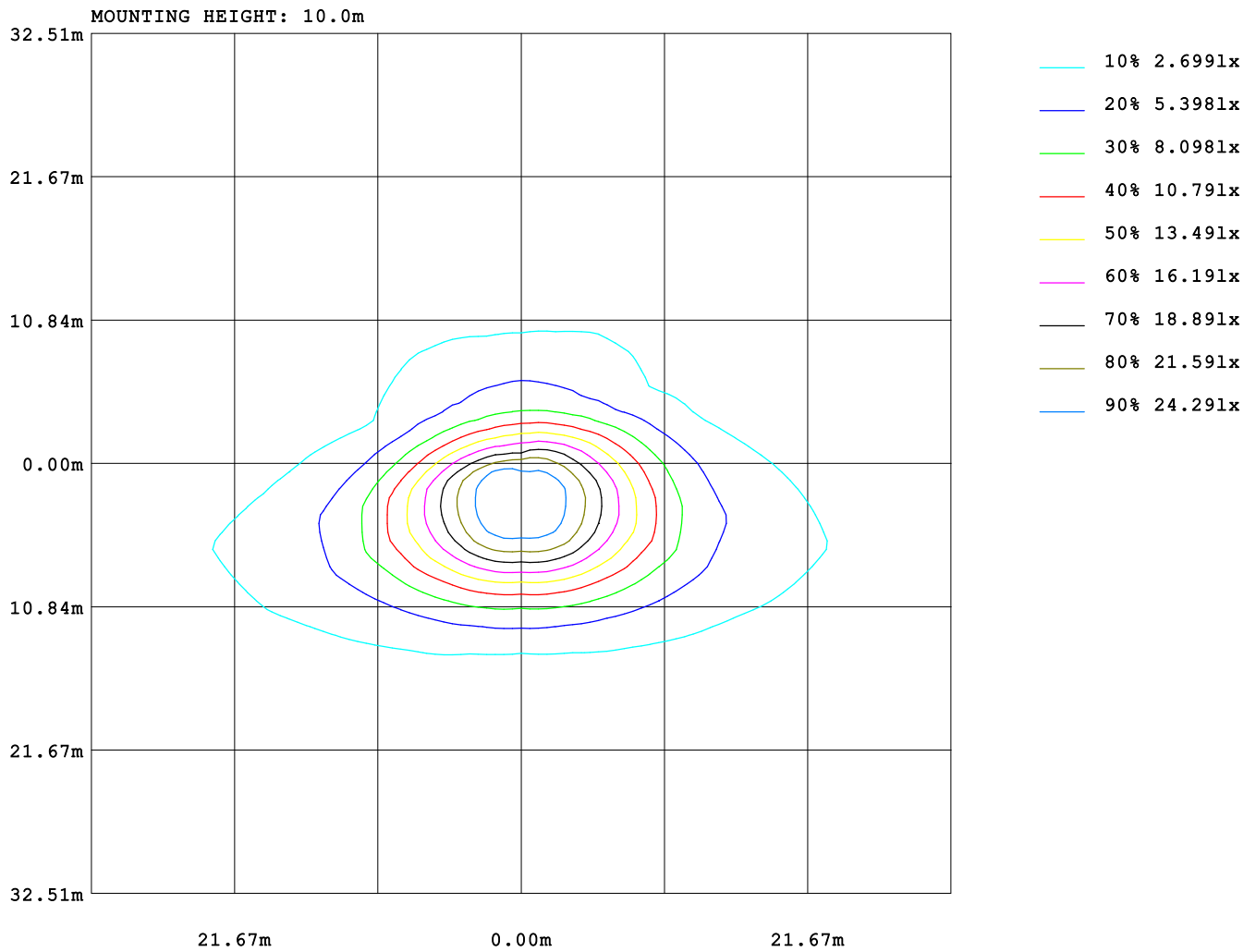
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.01

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
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Remarks:

## ISOLUX DIAGRAM

Report number:

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SPECIFICATION: 5050LED、3000K、145*53DEG	DIMENSION:	SERIAL No.:



Test System:  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025.07.01

Test Set: 5.0deg/s C-Gamma (TYPE C)  
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Test Distance: 10.000 m  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes D</b>	<b>TYPE: IL-PO29D-N0652C-T3B</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 5050LED、3000K、145*53DEG</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265	2265
5.0	2279	2367	2450	2524	2573	2607	2608	2594	2548	2492	2416	2338	2252	2158	2073
10.0	2311	2491	2648	2772	2837	2883	2874	2853	2775	2684	2556	2412	2248	2075	1881
15.0	2339	2601	2807	2977	3058	3097	3075	3055	2966	2867	2699	2504	2241	1983	1739
20.0	2373	2722	2988	3153	3235	3301	3276	3253	3156	3042	2850	2589	2241	1872	1565
25.0	2403	2837	3152	3378	3523	3595	3554	3552	3433	3251	2996	2681	2243	1763	1377
30.0	2443	2969	3319	3627	3839	3909	3805	3863	3721	3469	3141	2792	2223	1641	1194
35.0	2487	3105	3484	3827	4023	4001	3822	3945	3879	3644	3303	2893	2184	1497	1037
40.0	2508	3209	3687	3931	3914	3782	3563	3728	3776	3761	3468	2964	2106	1337	962
45.0	2488	3269	3834	3870	3575	3278	3031	3247	3472	3724	3600	3020	2022	1146	944
50.0	2452	3335	3862	3627	3058	2630	2369	2625	3009	3528	3687	3064	1929	939	974
55.0	2415	3444	3816	3195	2396	1721	1518	1705	2413	3115	3726	3159	1921	737	903
60.0	2499	3899	3600	2678	1525	1003	875	1000	1627	2739	3664	3625	1916	582	719
65.0	2690	4601	3567	2019	820	581	506	563	769	2214	3698	4433	1309	437	500
70.0	2494	4824	3576	1072	425	366	289	352	369	1438	3745	4091	600	269	349
75.0	1686	3811	2803	385	176	154	117	142	143	400	1898	2209	126	135	190
80.0	434	1089	935	151	83.5	75.8	55.9	65.8	63.6	115	592	656	49.4	41.9	66.4
85.0	90.0	116	86.9	57.0	26.7	30.8	17.0	26.5	18.2	38.6	37.6	61.9	16.9	11.0	21.4
90.0	31.5	34.2	14.0	14.4	5.74	9.88	4.63	9.63	4.60	11.4	5.24	15.5	14.2	10.3	13.3

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<b>SPECIFICATION: 5050LED、3000K、145*53DEG</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2265	2265	2265	2265	2265	2265	2265	2265	2265
5.0	2036	1950	1955	1918	1970	1977	2078	2120	2208
10.0	1790	1703	1652	1650	1671	1745	1852	1970	2144
15.0	1562	1441	1367	1363	1401	1504	1644	1818	2075
20.0	1328	1186	1109	1104	1142	1258	1438	1697	2001
25.0	1117	988	942	939	958	1040	1236	1556	1964
30.0	972	918	912	915	910	926	1051	1399	1897
35.0	943	928	914	911	912	930	946	1228	1813
40.0	990	959	896	878	916	962	951	1065	1717
45.0	1012	929	781	756	838	982	998	934	1578
50.0	973	779	657	653	697	902	975	864	1400
55.0	829	626	562	565	591	718	935	813	1211
60.0	593	485	476	487	491	554	725	722	982
65.0	408	394	389	404	407	432	505	556	704
70.0	278	292	287	301	306	318	356	381	403
75.0	153	167	169	194	183	211	197	236	183
80.0	65.3	87.1	81.0	98.6	86.3	99.5	79.6	91.8	70.1
85.0	15.2	26.8	21.0	31.9	23.9	33.3	23.1	29.2	17.0
90.0	6.72	9.40	4.49	9.07	4.52	10.4	7.56	13.4	8.29

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