

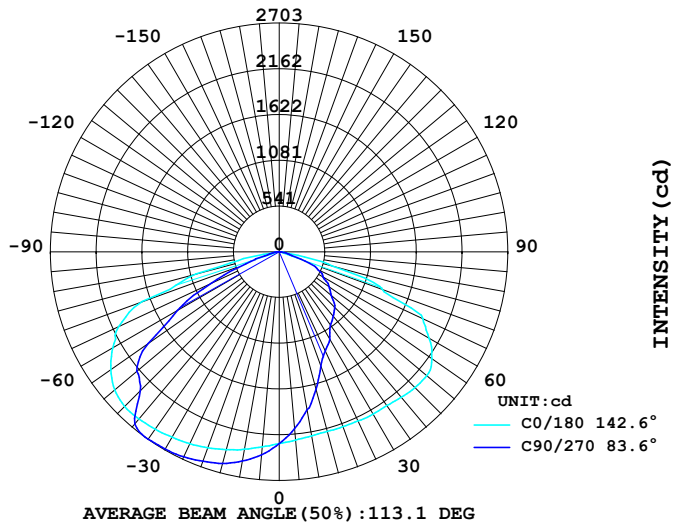
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

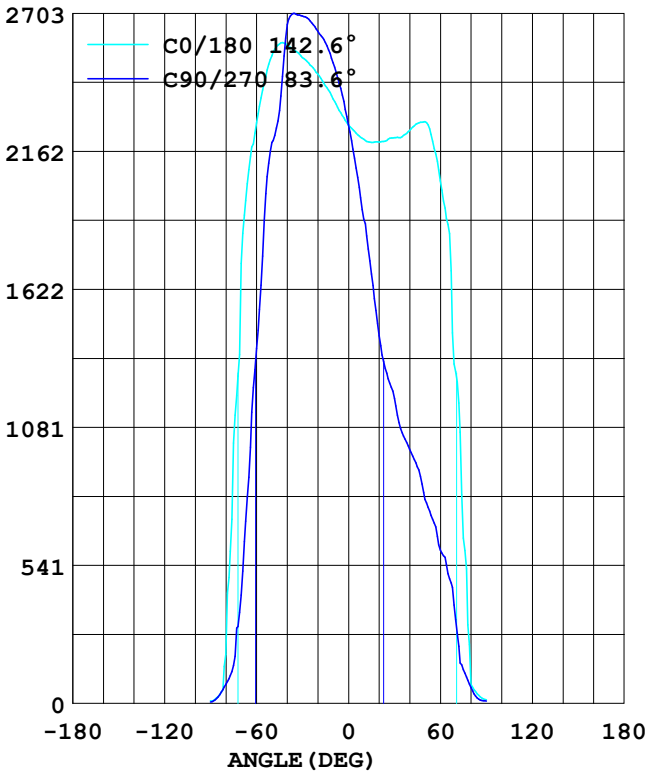
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0652C-TY3	WEIGHT:
SPECIFICATION: 2835LED、3000K、TY3	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	2787	S/MH (C0/180)	1.71
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.71
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	7752.3	Voltage(V)	220.0
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	121.6	Current(A)	0.296
NOMINAL FLUX(lm)	7752.4	$\eta$ up (%)	0.0	Power(W)	63.73
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	220.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



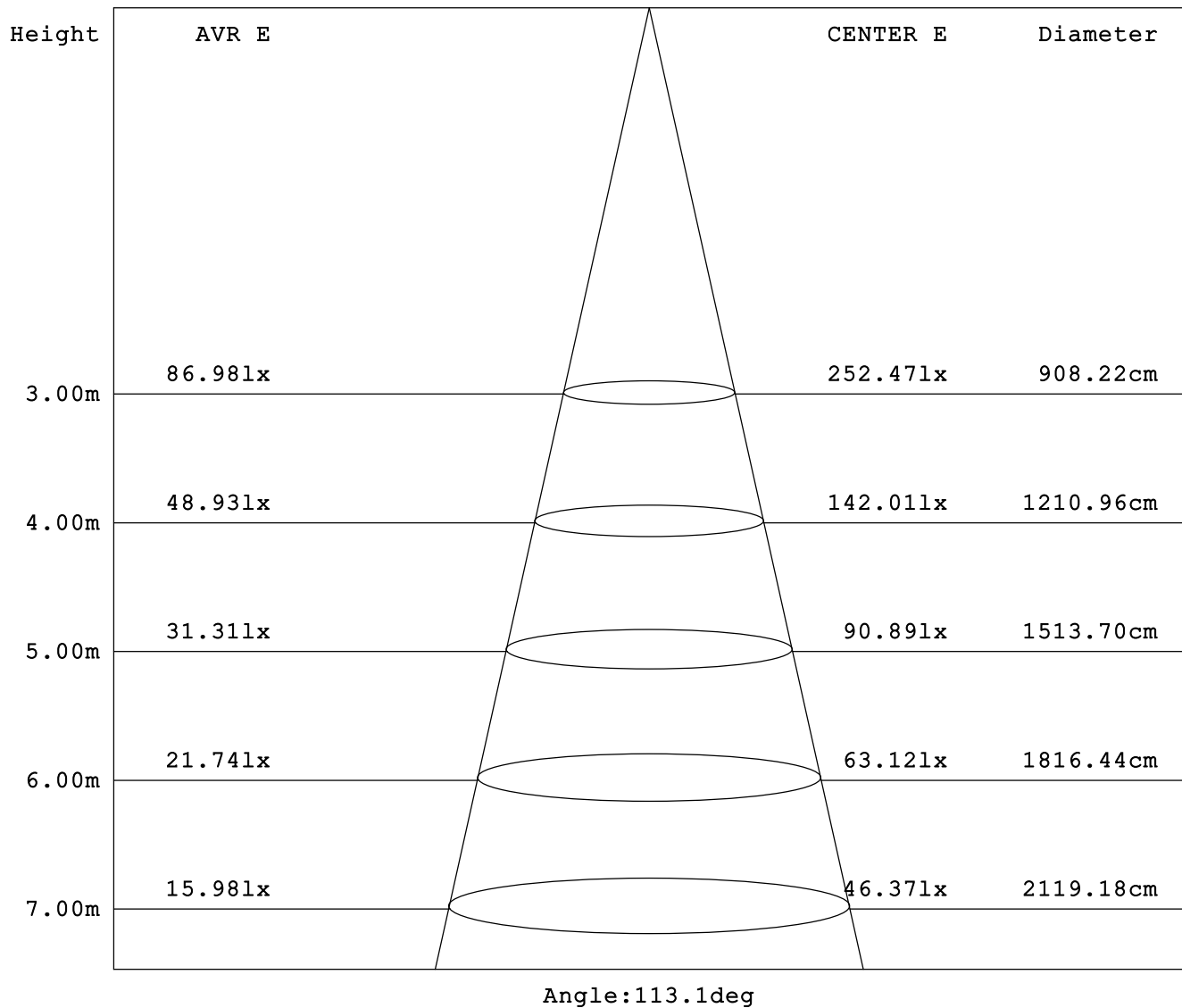
Test System:  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025.07.18

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:	
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SPECIFICATION: 2835LED、3000K、TY3	DIMENSION:	SERIAL No.:



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Temperature: 25.3DEG  
Operators:  
Test Date: 2025.07.18

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Test Distance: 10.000 m  
Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes C	TYPE: IL-PO29C-N0652C-TY3	WEIGHT:
SPECIFICATION: 2835LED、3000K、TY3	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2313	2405	2409	2331	2233	2151	2096	2205	0- 5	54.24	54.24
10.0	2368	2516	2508	2397	2210	1983	1896	2133	5- 10	161.6	215.9
15.0	2419	2615	2588	2455	2197	1810	1681	2081	10- 15	265.7	481.7
20.0	2465	2693	2633	2517	2199	1669	1440	1978	15- 20	364.8	846.5
25.0	2501	2745	2673	2552	2204	1538	1293	1848	20- 25	457.4	1304
30.0	2530	2776	2692	2557	2216	1414	1195	1696	25- 30	544.3	1848
35.0	2557	2787	2703	2564	2219	1290	1060	1527	30- 35	621.4	2470
40.0	2578	2782	2658	2541	2244	1159	996.1	1310	35- 40	687.7	3158
45.0	2582	2749	2322	2493	2271	992.7	927.3	1091	40- 45	736.6	3894
50.0	2536	2667	2197	2391	2278	890.1	799.6	940.7	45- 50	757.7	4652
55.0	2431	2301	1891	2060	2202	781.1	721.2	760.7	50- 55	755.1	5407
60.0	2273	2034	1390	1864	2046	626.6	600.7	589.5	55- 60	713.0	6120
65.0	2090	1641	885.2	1514	1876	506.6	508.2	443.5	60- 65	633.3	6753
70.0	1723	1122	424.6	1025	1299	363.4	327.2	264.6	65- 70	499.7	7253
75.0	1019	404.3	148.2	503.4	647.9	173.4	131.7	84.81	70- 75	311.7	7565
80.0	192.9	92.27	74.11	143.1	73.98	59.54	62.50	30.24	75- 80	137.6	7702
85.0	27.22	34.15	26.15	59.69	32.30	17.43	16.55	5.221	80- 85	40.01	7742
90.0	10.86	11.72	5.452	20.09	14.25	6.015	9.491	6.304	85- 90	9.910	7752
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:2025.07.18

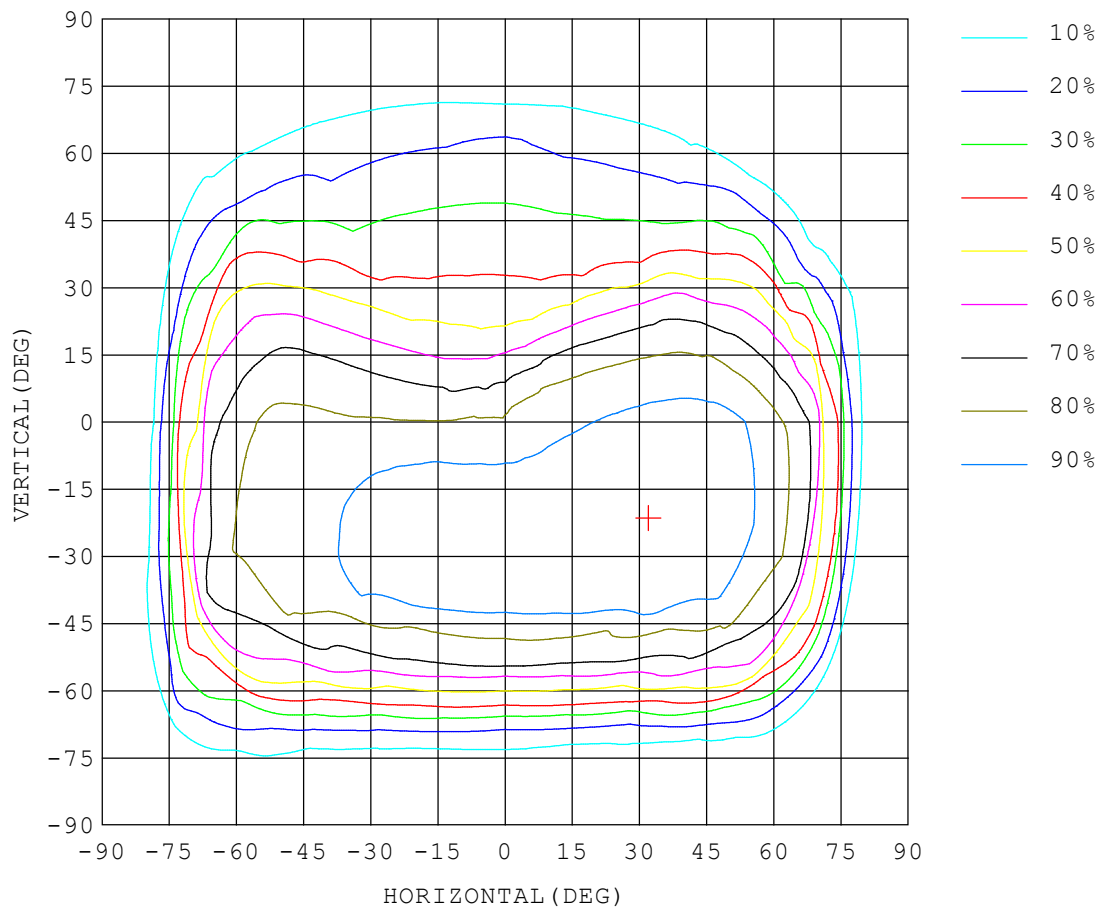
Test Set: 5.0deg/s C-Gamma (TYPE C)  
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## ISOCANDELA DIAGRAM

Report number:

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NAME: Agnes C	TYPE: IL-PO29C-N0652C-TY3	WEIGHT:
SPECIFICATION: 2835LED、3000K、TY3	DIMENSION:	SERIAL No.:

UNIT: cd



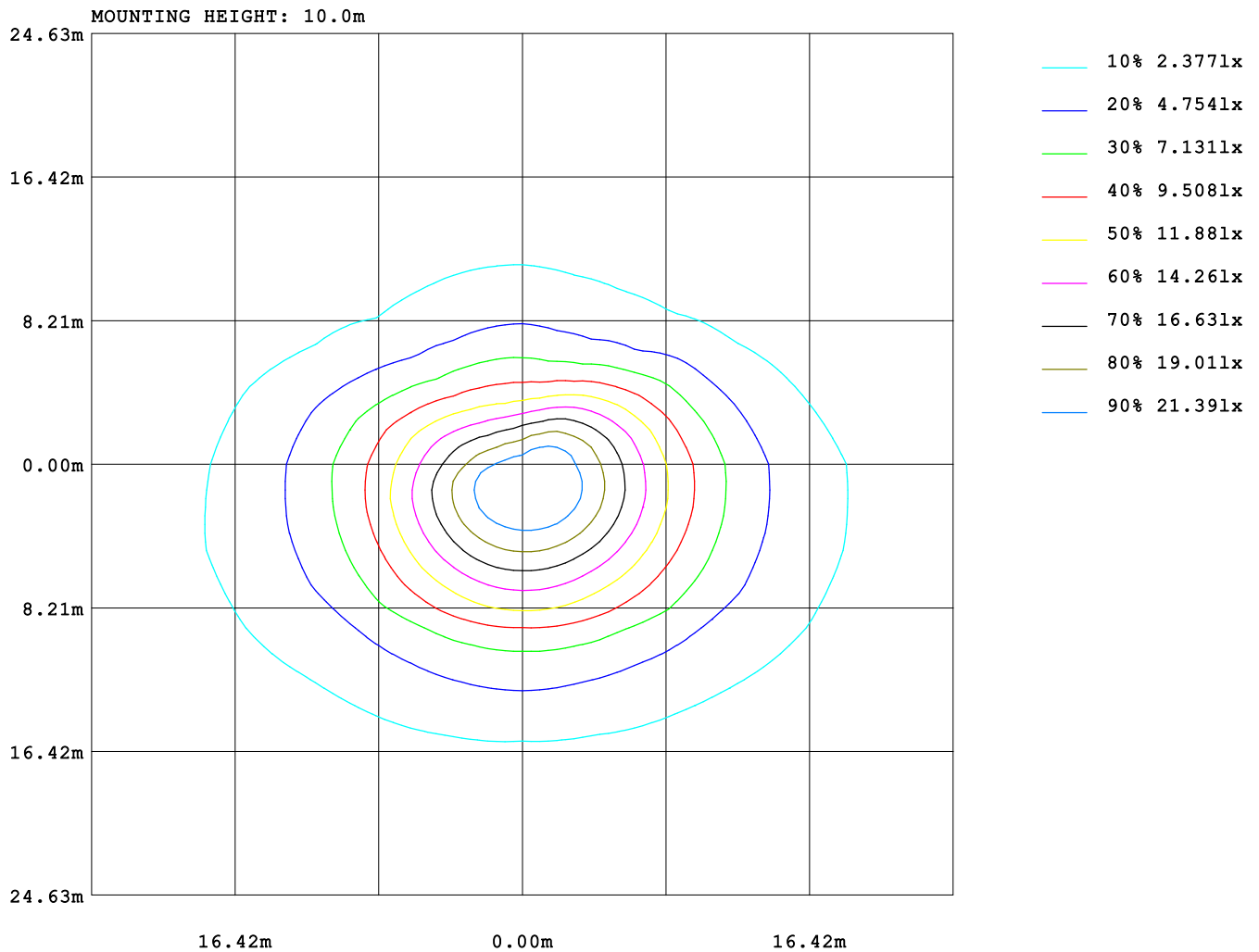
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.18

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、3000K、TY3	DIMENSION:	SERIAL No.:



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Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes C</b>	<b>TYPE: IL-PO29C-N0652C-TY3</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835LED、3000K、TY3</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	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266	2266
5.0	2313	2351	2382	2405	2416	2422	2409	2392	2363	2331	2296	2261	2233	2193	2146
10.0	2368	2434	2479	2516	2526	2531	2508	2487	2441	2397	2337	2272	2210	2155	2027
15.0	2419	2509	2573	2615	2622	2620	2588	2562	2507	2455	2382	2291	2197	2089	1932
20.0	2465	2578	2654	2693	2686	2672	2633	2609	2566	2517	2427	2316	2199	2053	1854
25.0	2501	2635	2711	2745	2727	2715	2673	2652	2598	2552	2458	2340	2204	2031	1778
30.0	2530	2676	2751	2776	2745	2733	2692	2679	2624	2557	2470	2352	2216	2015	1707
35.0	2557	2711	2774	2787	2737	2732	2703	2678	2615	2564	2458	2349	2219	2008	1629
40.0	2578	2735	2778	2782	2715	2710	2658	2650	2585	2541	2438	2333	2244	1998	1545
45.0	2582	2743	2771	2749	2613	2428	2322	2355	2458	2493	2399	2314	2271	1964	1443
50.0	2536	2689	2727	2667	2254	2209	2197	2168	2180	2391	2364	2294	2278	1921	1319
55.0	2431	2591	2628	2301	2091	1947	1891	1941	1998	2060	2318	2292	2202	1808	1115
60.0	2273	2444	2448	2034	1646	1458	1390	1461	1598	1864	2185	2242	2046	1617	938
65.0	2090	2255	2031	1641	1183	959	885	1017	1181	1514	1842	2114	1876	1354	746
70.0	1723	1930	1673	1122	582	445	425	532	666	1025	1562	1965	1299	785	446
75.0	1019	1242	840	404	167	162	148	205	281	503	939	1280	648	388	242
80.0	193	233	221	92.2	68.9	82.3	74.1	95.7	96.6	143	430	788	73.9	84.1	77.3
85.0	27.2	40.2	22.9	34.1	21.9	34.1	26.1	42.7	38.9	59.6	64.3	184	32.3	17.5	26.3
90.0	10.8	14.3	5.97	11.7	5.08	10.8	5.45	12.4	9.53	20.0	17.1	27.0	14.2	7.55	11.8

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<b>SPECIFICATION: 2835LED、3000K、TY3</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	2266	2266	2266	2266	2266	2266	2266	2266	2266
5.0	2151	2090	2125	2096	2161	2160	2205	2248	2284
10.0	1983	1915	1901	1896	1978	2035	2133	2221	2295
15.0	1810	1712	1659	1681	1764	1883	2081	2183	2303
20.0	1669	1532	1445	1440	1535	1747	1978	2146	2301
25.0	1538	1388	1315	1293	1328	1544	1848	2099	2293
30.0	1414	1270	1230	1195	1194	1343	1696	2032	2291
35.0	1290	1144	1079	1060	1039	1146	1527	1945	2273
40.0	1159	1013	1005	996	961	1003	1310	1849	2232
45.0	993	930	932	927	883	906	1091	1722	2129
50.0	890	844	820	800	755	795	941	1429	2009
55.0	781	709	712	721	669	658	761	1155	1799
60.0	627	617	601	601	552	554	590	914	1520
65.0	507	502	521	508	450	458	444	637	1078
70.0	363	359	360	327	296	271	265	305	597
75.0	173	156	142	132	106	113	84.8	96.1	104
80.0	59.5	76.1	59.5	62.5	44.4	48.8	30.2	36.4	21.9
85.0	17.4	24.4	11.5	16.5	7.24	13.7	5.22	13.0	5.69
90.0	6.01	10.0	5.09	9.49	5.33	9.82	6.30	11.4	7.43

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