

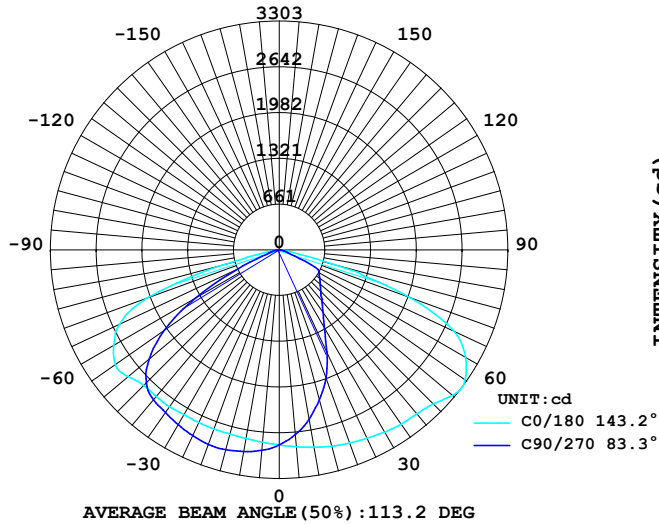
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

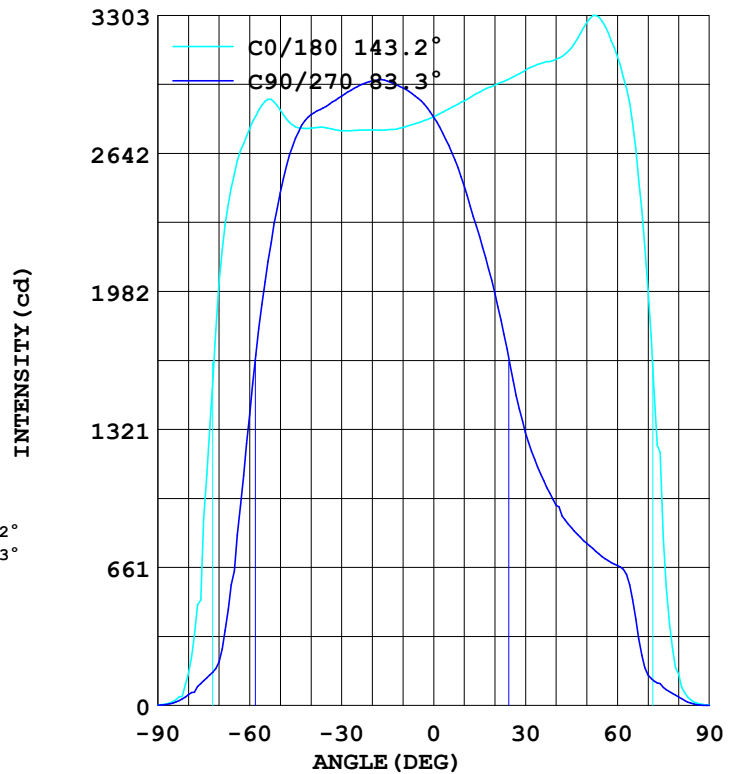
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

DATA OF LAMP		Imax (cd)	3464	S/MH (C0/180)	1.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.55
NOMINAL POWER(W)	80	TOTAL FLUX(lm)	9178.5	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	115.6	Current(A)	0.353
NOMINAL FLUX(lm)	9178.6	η up (%)	0.0	Power(W)	79.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.3	Effective Flux(lm)	9178.6	EEI	0.130

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



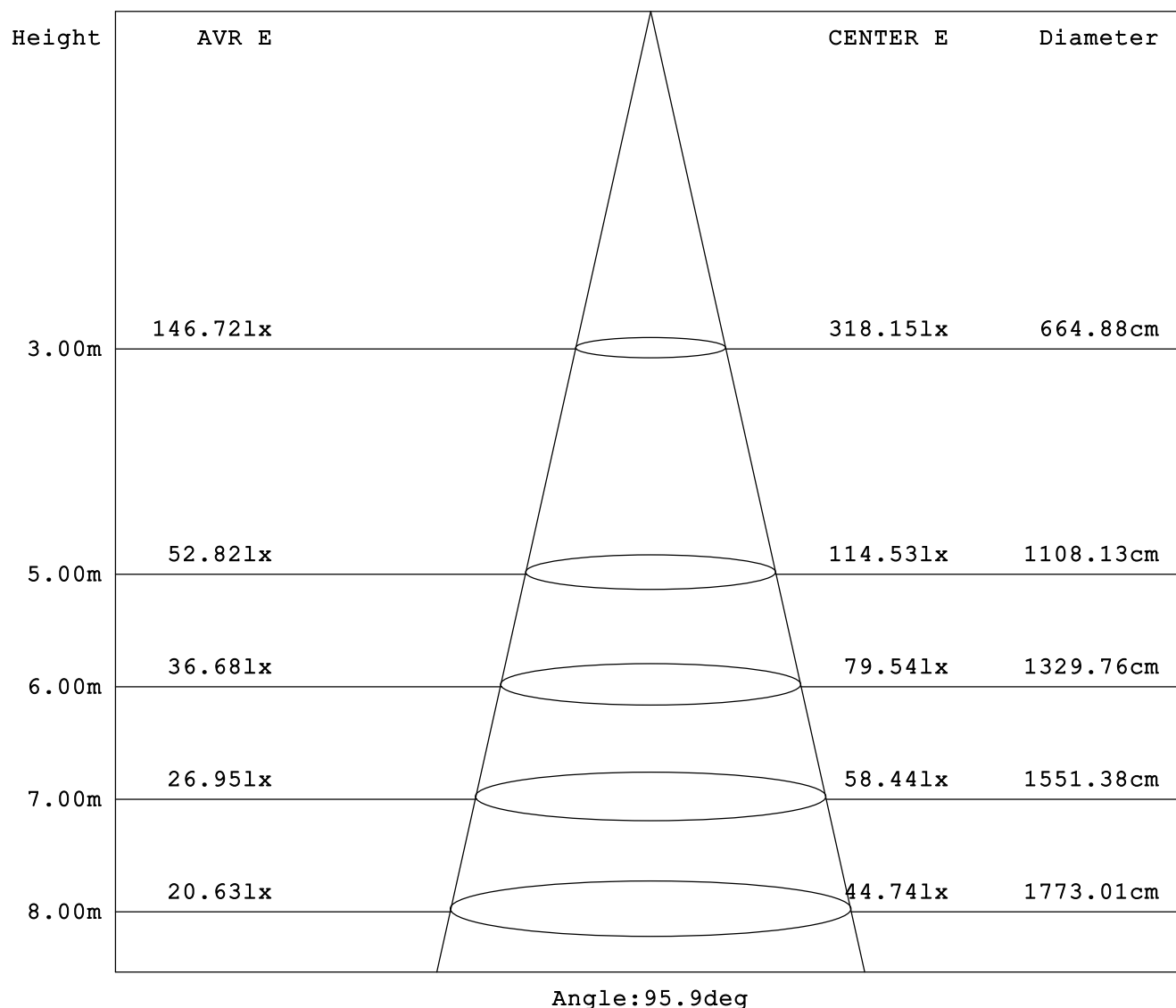
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

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MANUFACTURER: LUCKY SSL	Address:	
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2789	2863	2906	2913	2854	2751	2680	2702	0- 5	67.22	67.22
10.0	2765	2888	2955	2983	2894	2667	2486	2574	5- 10	199.7	267.0
15.0	2755	2905	2987	3037	2935	2554	2245	2413	10- 15	326.4	593.4
20.0	2755	2911	2989	3082	2968	2422	1978	2255	15- 20	445.1	1039
25.0	2752	2915	2960	3108	3000	2256	1630	2071	20- 25	551.5	1590
30.0	2751	2901	2916	3113	3040	2071	1305	1865	25- 30	642.5	2233
35.0	2764	2876	2866	3104	3072	1847	1107	1612	30- 35	719.1	2952
40.0	2763	2849	2827	3090	3092	1543	957.4	1302	35- 40	785.4	3737
45.0	2769	2819	2715	3068	3147	1217	850.2	1025	40- 45	840.8	4578
50.0	2850	2776	2452	3026	3268	957.9	775.9	845.6	45- 50	885.3	5464
55.0	2891	2707	2028	2929	3276	766.2	713.7	716.8	50- 55	911.3	6375
60.0	2760	2496	1395	2703	3107	664.3	669.5	608.4	55- 60	884.6	7260
65.0	2544	2033	643.9	2230	2786	551.7	505.6	518.0	60- 65	790.9	8050
70.0	2022	1223	207.2	1366	1994	381.6	146.1	373.5	65- 70	615.3	8666
75.0	894.0	300.8	118.9	338.1	797.9	137.9	87.26	128.3	70- 75	361.4	9027
80.0	151.2	68.64	51.57	73.05	148.6	45.03	40.73	42.17	75- 80	124.4	9152
85.0	18.99	17.45	12.01	18.35	16.34	12.75	6.615	11.25	80- 85	23.36	9175
90.0	2.603	1.077	1.871	0.920	2.475	2.499	0.827	2.496	85- 90	3.546	9179
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:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020.12.14

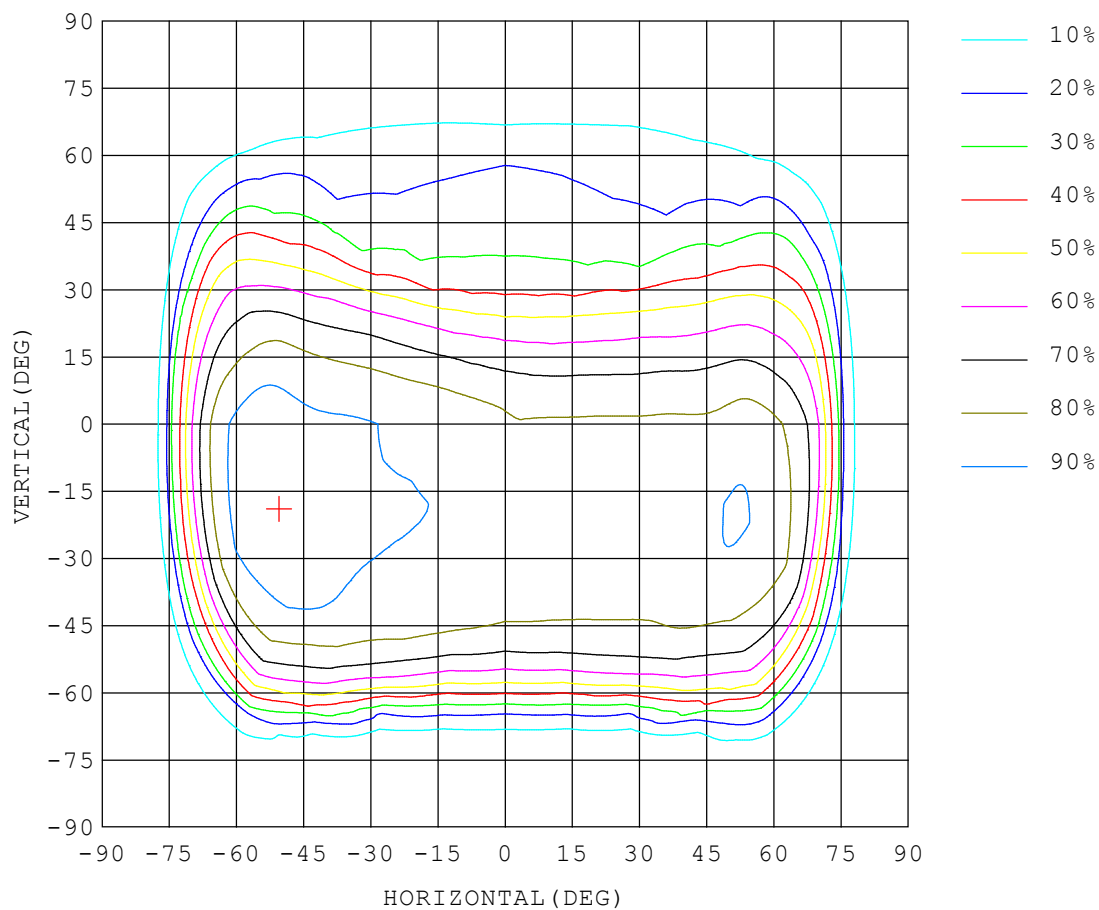
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

UNIT: cd



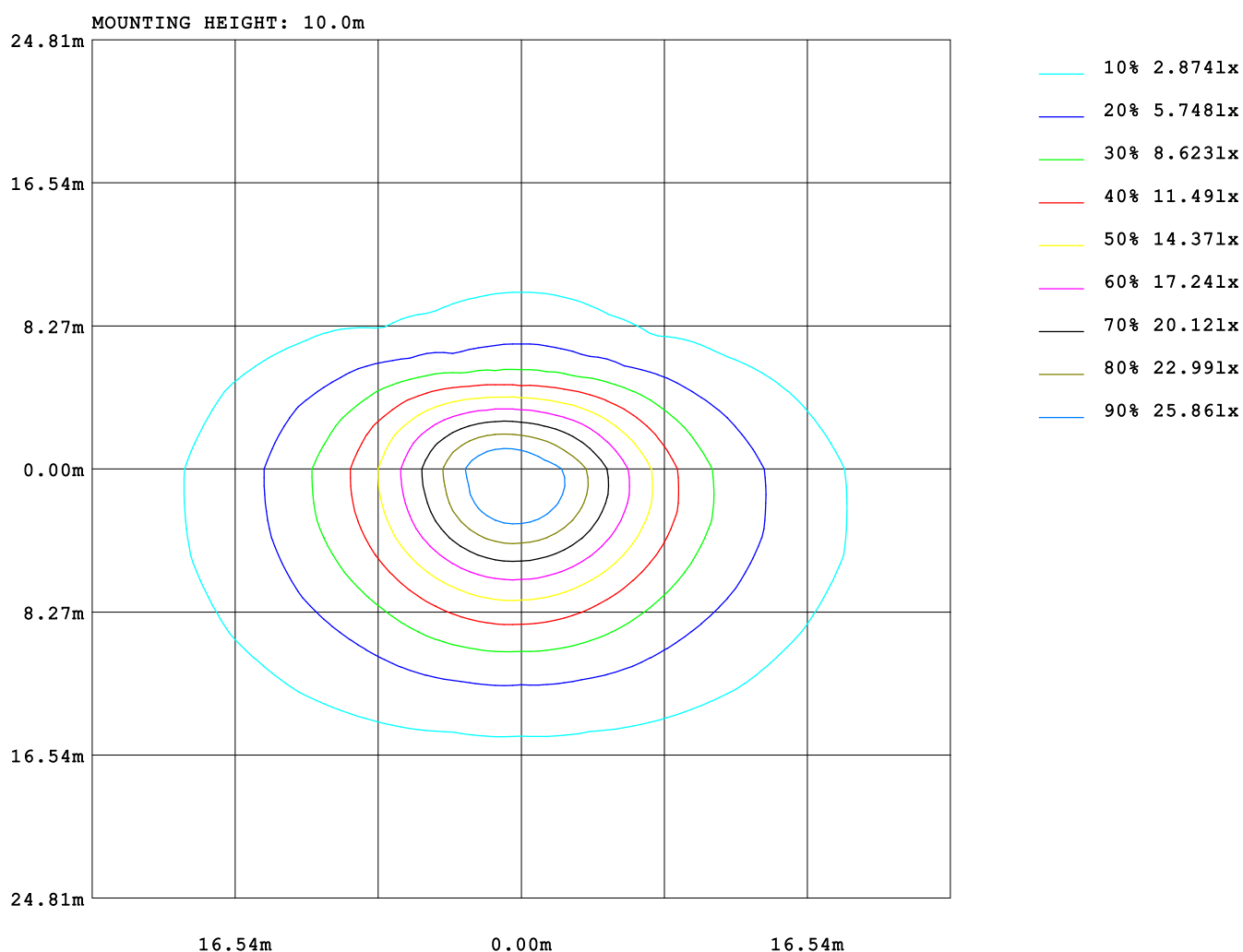
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020.12.14

Test Set: 6.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:



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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	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	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816	2816
5.0	2789	2818	2843	2863	2880	2893	2906	2912	2917	2913	2904	2880	2854	2821	2786
10.0	2765	2819	2860	2888	2912	2932	2955	2973	2984	2983	2976	2944	2894	2828	2752
15.0	2755	2824	2868	2905	2929	2956	2987	3013	3033	3037	3030	2998	2935	2840	2711
20.0	2755	2837	2882	2911	2939	2957	2989	3027	3063	3082	3082	3044	2968	2845	2654
25.0	2752	2846	2891	2915	2920	2929	2960	3011	3068	3108	3122	3086	3000	2841	2578
30.0	2751	2856	2892	2901	2891	2886	2916	2975	3053	3113	3151	3132	3040	2840	2499
35.0	2764	2875	2894	2876	2850	2838	2866	2932	3019	3104	3173	3173	3072	2820	2398
40.0	2763	2894	2896	2849	2806	2799	2827	2900	2984	3090	3183	3203	3092	2786	2263
45.0	2769	2919	2890	2819	2767	2726	2715	2814	2953	3068	3198	3267	3147	2752	2099
50.0	2850	3003	2908	2776	2678	2518	2452	2587	2852	3026	3255	3405	3268	2722	1880
55.0	2891	3098	2967	2707	2431	2129	2028	2172	2565	2929	3281	3445	3276	2636	1625
60.0	2760	2975	2815	2496	1980	1510	1395	1533	2094	2703	3119	3285	3107	2408	1319
65.0	2544	2828	2587	2033	1158	761	644	777	1209	2230	2855	3046	2786	2059	1015
70.0	2022	2419	2132	1223	432	243	207	243	441	1366	2321	2353	1994	1468	712
75.0	894	1285	1216	301	127	109	119	109	129	338	1219	1251	798	606	311
80.0	151	199	234	68.6	59.8	48.3	51.5	48.2	60.2	73.0	222	194	149	177	53.2
85.0	18.9	19.2	30.4	17.4	16.5	9.66	12.0	9.33	15.7	18.3	32.8	20.2	16.3	19.1	11.8
90.0	2.60	1.62	2.79	1.07	1.90	0.87	1.87	0.87	1.96	0.92	2.81	1.58	2.47	3.76	2.10

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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL80-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2816	2816	2816	2816	2816	2816	2816	2816	2816
5.0	2751	2719	2695	2680	2677	2684	2702	2729	2756
10.0	2667	2585	2521	2486	2485	2516	2574	2642	2706
15.0	2554	2404	2298	2245	2253	2311	2413	2542	2661
20.0	2422	2200	2049	1978	1995	2093	2255	2447	2628
25.0	2256	1948	1729	1630	1681	1840	2071	2337	2580
30.0	2071	1641	1361	1305	1340	1538	1865	2206	2525
35.0	1847	1267	1131	1107	1125	1213	1612	2076	2478
40.0	1543	1039	971	957	969	1015	1302	1903	2408
45.0	1217	888	854	850	857	869	1025	1704	2337
50.0	958	775	766	776	773	762	846	1474	2273
55.0	766	685	694	714	706	679	717	1239	2169
60.0	664	599	634	670	654	602	608	995	1962
65.0	552	517	553	506	559	535	518	745	1640
70.0	382	299	196	146	177	312	374	534	1200
75.0	138	122	87.5	87.2	87.8	125	128	249	601
80.0	45.0	39.5	42.5	40.7	42.4	37.7	42.1	41.3	156
85.0	12.7	8.81	10.1	6.61	9.76	8.35	11.2	9.49	14.6
90.0	2.49	1.03	1.99	0.83	2.00	1.05	2.49	2.10	3.73

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