

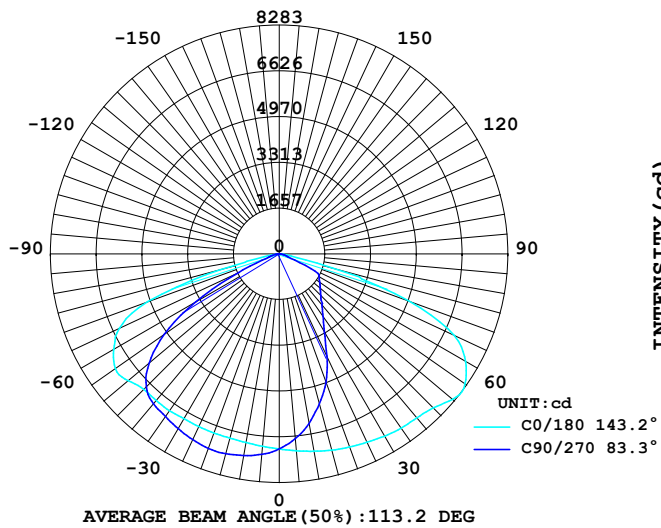
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

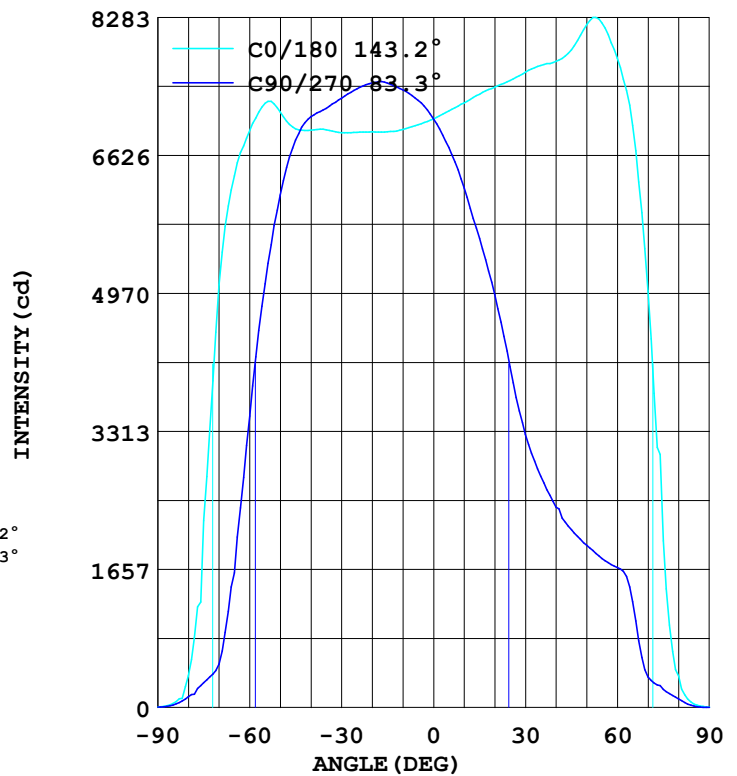
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	8687	S/MH (C0/180)	1.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.55
NOMINAL POWER(W)	200	TOTAL FLUX(lm)	23019	Voltage(V)	230.5
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	115.5	Current(A)	0.887
NOMINAL FLUX(lm)	23019.2	η up (%)	0.0	Power(W)	199.3
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	230.5	Effective Flux(lm)	23019.2	EEI	0.130

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



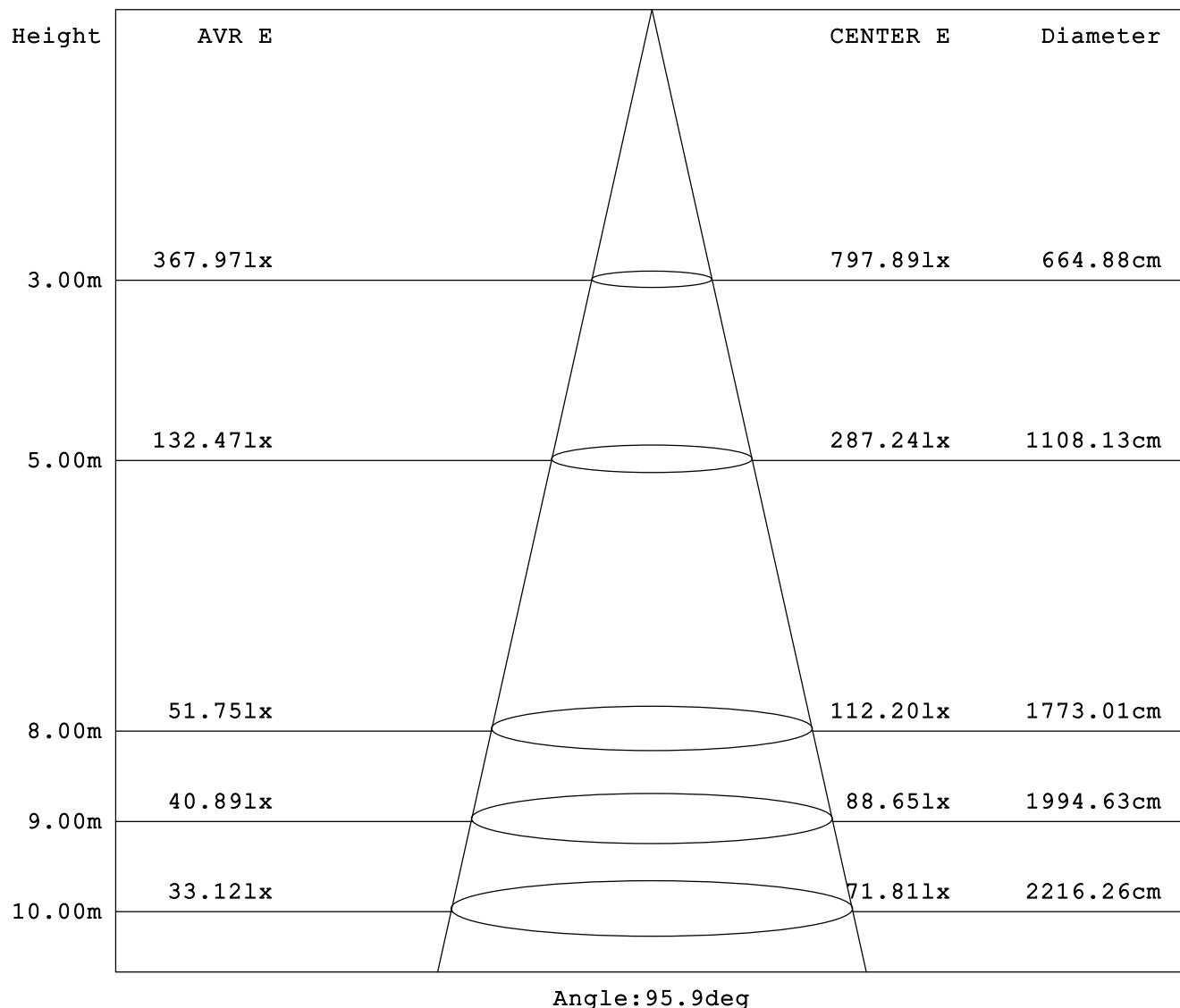
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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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ZONAL FLUX DIAGRAM

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MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL200-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	6993	7180	7287	7304	7158	6898	6720	6777	0- 5	168.6	168.6
10.0	6935	7243	7412	7482	7257	6690	6235	6455	5- 10	501.0	669.6
15.0	6909	7285	7492	7617	7360	6406	5631	6051	10- 15	818.7	1488
20.0	6909	7301	7495	7730	7443	6074	4960	5656	15- 20	1116	2605
25.0	6901	7310	7423	7794	7524	5658	4089	5195	20- 25	1383	3988
30.0	6899	7275	7313	7806	7625	5193	3274	4677	25- 30	1611	5599
35.0	6931	7212	7189	7784	7705	4632	2775	4044	30- 35	1804	7403
40.0	6930	7146	7089	7749	7754	3871	2401	3265	35- 40	1970	9373
45.0	6943	7070	6809	7695	7893	3052	2132	2570	40- 45	2109	11482
50.0	7146	6962	6148	7589	8196	2402	1946	2121	45- 50	2220	13702
55.0	7250	6790	5085	7345	8216	1922	1790	1798	50- 55	2286	15988
60.0	6923	6259	3498	6778	7791	1666	1679	1526	55- 60	2219	18206
65.0	6380	5098	1615	5592	6986	1384	1268	1299	60- 65	1984	20190
70.0	5072	3067	519.7	3425	5000	957.2	366.5	936.9	65- 70	1543	21733
75.0	2242	754.5	298.3	848.1	2001	346.0	218.8	321.8	70- 75	906.5	22640
80.0	379.4	172.1	129.3	183.2	372.7	112.9	102.1	105.7	75- 80	312.1	22952
85.0	47.62	43.77	30.12	46.02	40.99	31.98	16.59	28.22	80- 85	58.60	23010
90.0	6.528	2.701	4.693	2.306	6.207	6.268	2.073	6.260	85- 90	8.894	23019
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

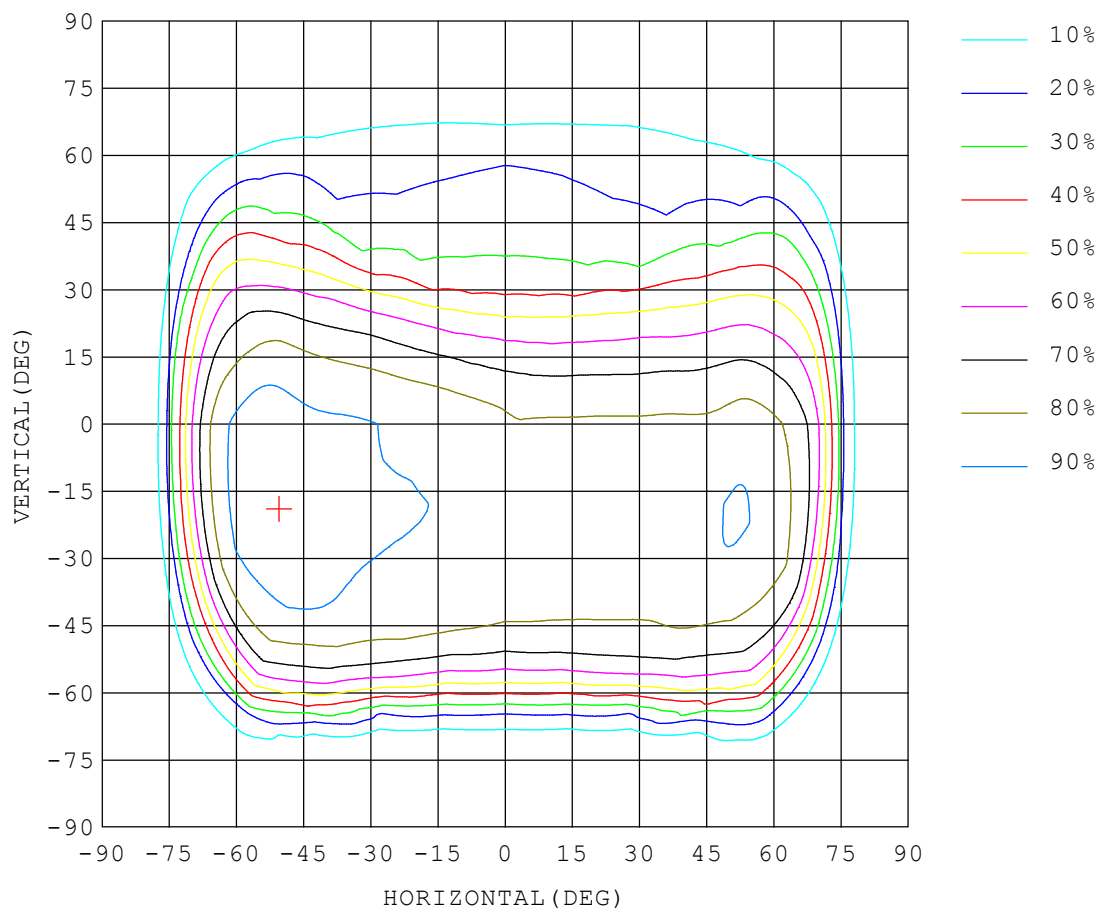
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ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

UNIT: cd



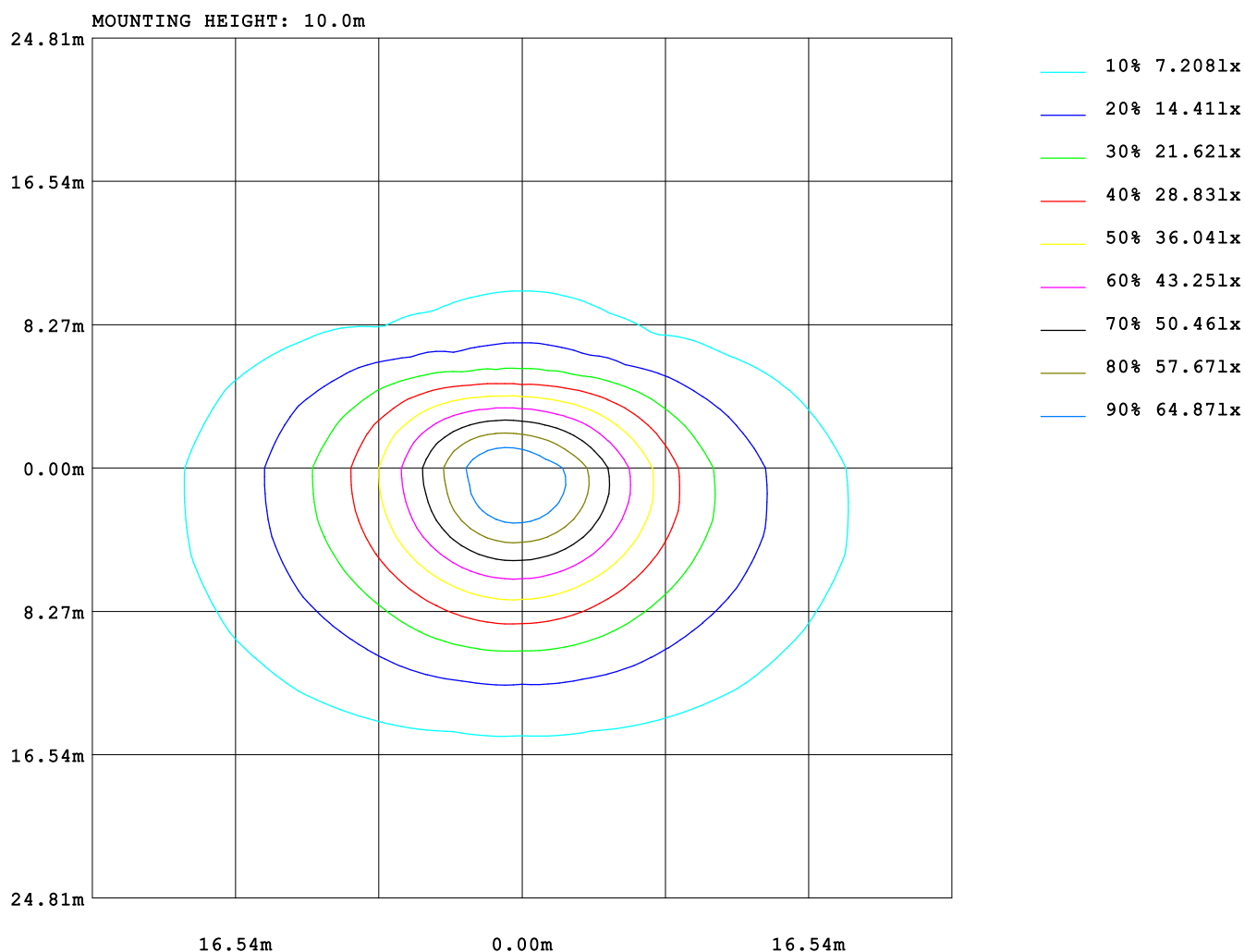
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 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.12.14

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
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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-FL200-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	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063	7063
5.0	6993	7067	7130	7180	7223	7254	7287	7304	7316	7304	7282	7222	7158	7074	6987
10.0	6935	7069	7172	7243	7303	7353	7412	7455	7484	7482	7463	7384	7257	7093	6902
15.0	6909	7081	7192	7285	7347	7413	7492	7556	7607	7617	7598	7519	7360	7122	6799
20.0	6909	7114	7228	7301	7370	7416	7495	7593	7681	7730	7730	7633	7443	7134	6656
25.0	6901	7136	7251	7310	7323	7346	7423	7550	7695	7794	7829	7739	7524	7126	6465
30.0	6899	7161	7252	7275	7251	7238	7313	7462	7656	7806	7902	7855	7625	7122	6268
35.0	6931	7210	7258	7212	7147	7117	7189	7353	7570	7784	7959	7959	7705	7073	6014
40.0	6930	7259	7262	7146	7038	7021	7089	7273	7484	7749	7983	8034	7754	6987	5676
45.0	6943	7320	7247	7070	6939	6837	6809	7056	7405	7695	8019	8192	7893	6902	5265
50.0	7146	7531	7292	6962	6715	6314	6148	6489	7152	7589	8162	8540	8196	6826	4715
55.0	7250	7770	7441	6790	6097	5338	5085	5448	6433	7345	8229	8639	8216	6611	4076
60.0	6923	7460	7059	6259	4965	3787	3498	3845	5250	6778	7822	8237	7791	6038	3308
65.0	6380	7092	6489	5098	2904	1908	1615	1950	3033	5592	7160	7639	6986	5164	2545
70.0	5072	6066	5346	3067	1082	609	520	609	1105	3425	5820	5902	5000	3682	1787
75.0	2242	3222	3050	755	319	274	298	273	324	848	3057	3138	2001	1520	780
80.0	379	500	587	172	150	121	129	121	151	183	557	486	373	444	134
85.0	47.6	48.2	76.4	43.7	41.5	24.2	30.1	23.4	39.5	46.0	82.4	50.8	40.9	47.9	29.7
90.0	6.52	4.08	7.00	2.70	4.77	2.17	4.69	2.18	4.93	2.30	7.05	3.96	6.20	9.45	5.28

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SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	7063	7063	7063	7063	7063	7063	7063	7063	7063
5.0	6898	6819	6758	6720	6714	6731	6777	6843	6913
10.0	6690	6483	6323	6235	6233	6311	6455	6625	6787
15.0	6406	6030	5764	5631	5650	5796	6051	6375	6674
20.0	6074	5517	5138	4960	5004	5249	5656	6138	6590
25.0	5658	4886	4336	4089	4216	4616	5195	5861	6469
30.0	5193	4116	3413	3274	3361	3857	4677	5531	6333
35.0	4632	3177	2837	2775	2822	3042	4044	5207	6215
40.0	3871	2606	2435	2401	2431	2545	3265	4774	6038
45.0	3052	2226	2143	2132	2150	2179	2570	4274	5860
50.0	2402	1943	1921	1946	1939	1912	2121	3696	5701
55.0	1922	1719	1740	1790	1770	1702	1798	3108	5439
60.0	1666	1501	1589	1679	1641	1509	1526	2496	4920
65.0	1384	1298	1387	1268	1402	1343	1299	1867	4114
70.0	957	750	491	367	444	781	937	1339	3010
75.0	346	307	219	219	220	314	322	624	1507
80.0	113	99.0	107	102	106	94.6	106	104	392
85.0	31.9	22.1	25.4	16.5	24.4	20.9	28.2	23.8	36.8
90.0	6.26	2.60	4.99	2.07	5.03	2.63	6.26	5.28	9.36

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