

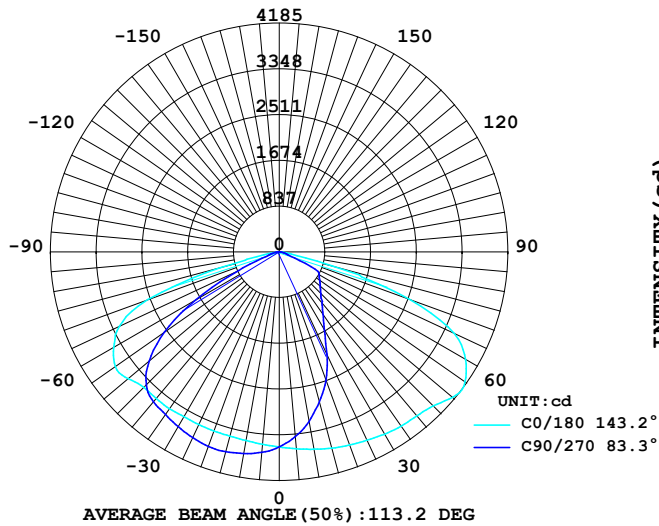
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

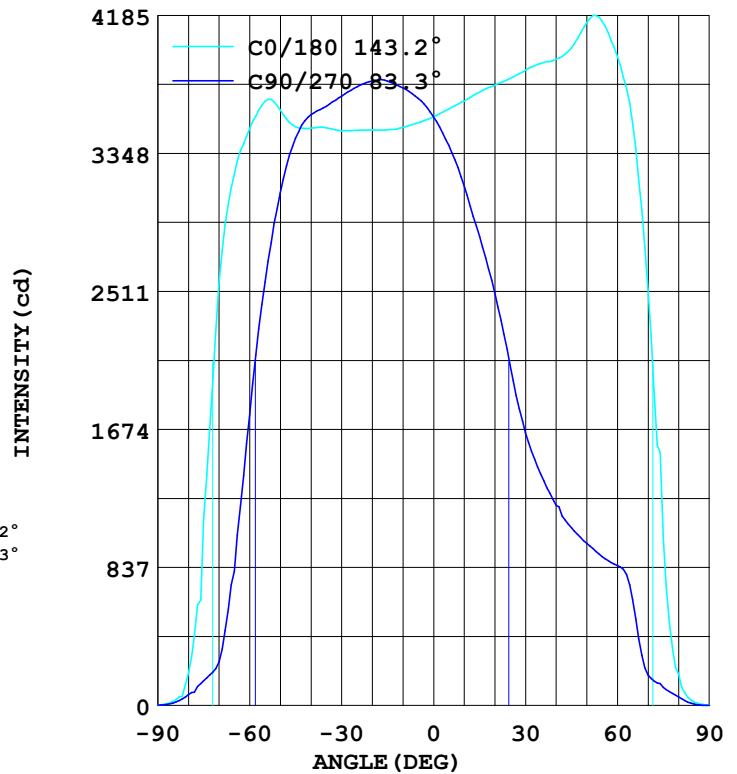
MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

DATA OF LAMP		Imax(cd)	4390	S/MH (C0/180)	1.51
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.55
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	11632	Voltage(V)	231.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	115.4	Current(A)	0.447
NOMINAL FLUX(lm)	11632.3	$\eta$ up (%)	0.0	Power(W)	100.8
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	231.2	Effective Flux(lm)	11632.3	EEI	0.130

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



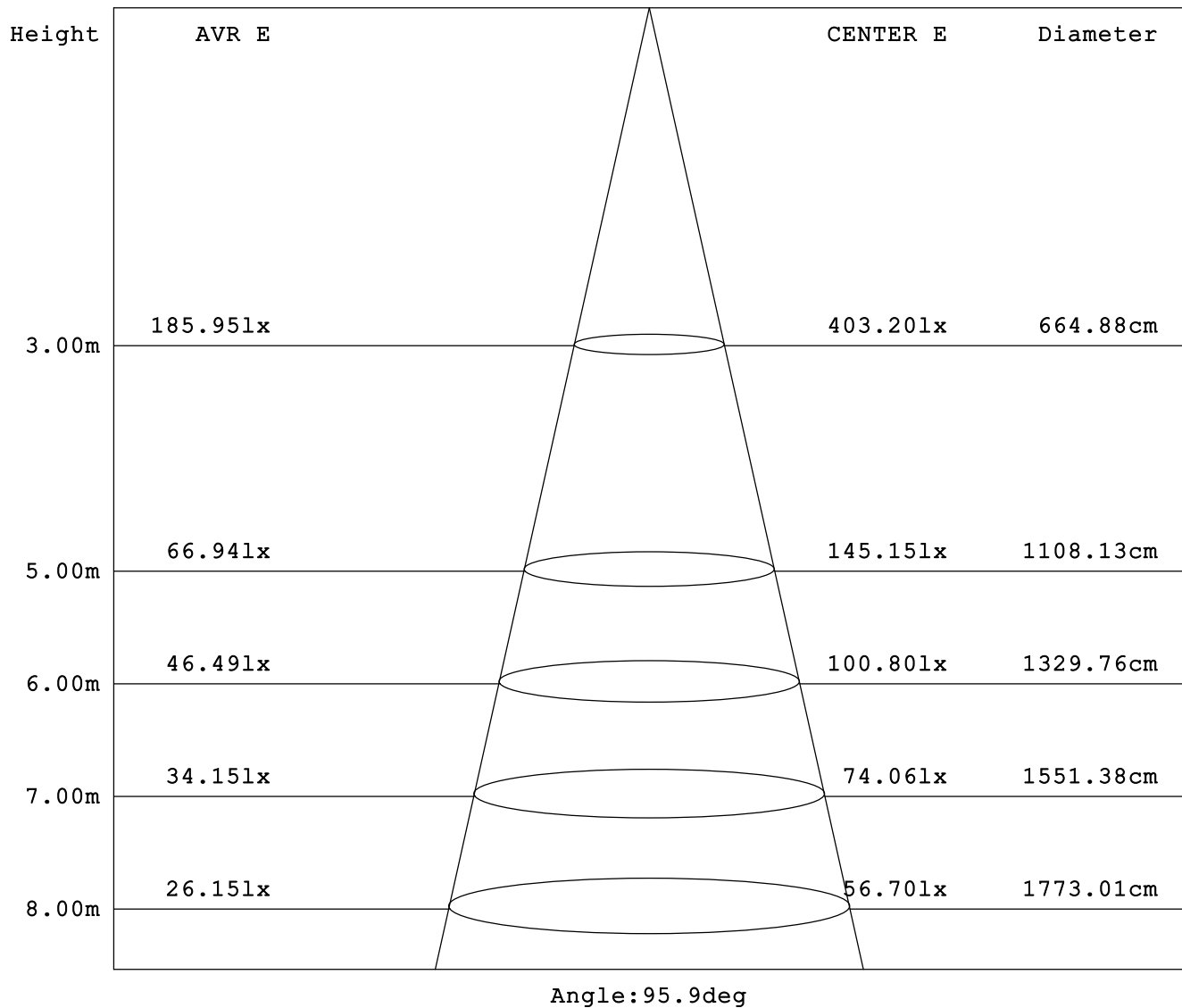
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:



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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-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	3534	3628	3683	3691	3617	3486	3396	3425	0- 5	85.20	85.20
10.0	3505	3660	3745	3781	3667	3381	3151	3262	5- 10	253.1	338.3
15.0	3491	3681	3786	3849	3719	3237	2845	3058	10- 15	413.7	752.1
20.0	3491	3689	3788	3906	3761	3069	2506	2858	15- 20	564.1	1316
25.0	3487	3694	3751	3939	3802	2859	2066	2625	20- 25	698.9	2015
30.0	3486	3676	3696	3945	3853	2624	1654	2363	25- 30	814.3	2830
35.0	3503	3644	3633	3933	3894	2341	1402	2044	30- 35	911.4	3741
40.0	3502	3611	3582	3916	3919	1956	1213	1650	35- 40	995.3	4736
45.0	3509	3573	3441	3888	3988	1542	1078	1299	40- 45	1066	5802
50.0	3611	3518	3107	3835	4142	1214	983.3	1072	45- 50	1122	6924
55.0	3664	3431	2570	3712	4152	971.1	904.5	908.4	50- 55	1155	8079
60.0	3498	3163	1767	3425	3937	841.9	848.5	771.0	55- 60	1121	9200
65.0	3224	2576	816.0	2826	3530	699.2	640.8	656.5	60- 65	1002	10203
70.0	2563	1550	262.6	1731	2527	483.7	185.2	473.4	65- 70	779.8	10982
75.0	1133	381.3	150.7	428.6	1011	174.8	110.5	162.6	70- 75	458.1	11440
80.0	191.7	86.99	65.36	92.58	188.3	57.07	51.62	53.45	75- 80	157.7	11598
85.0	24.06	22.11	15.22	23.25	20.71	16.16	8.383	14.26	80- 85	29.61	11628
90.0	3.299	1.365	2.371	1.165	3.136	3.167	1.047	3.163	85- 90	4.494	11632
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

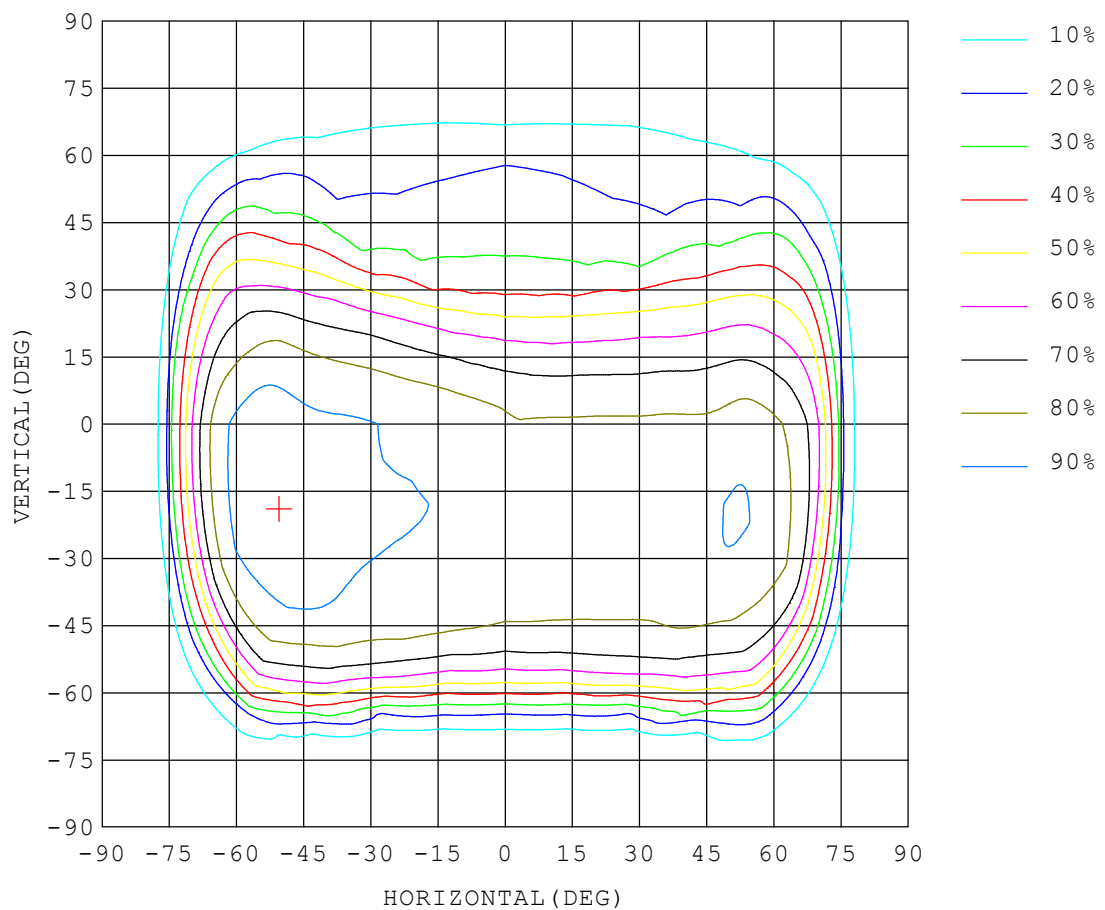
Test Set: 6.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:

UNIT: cd



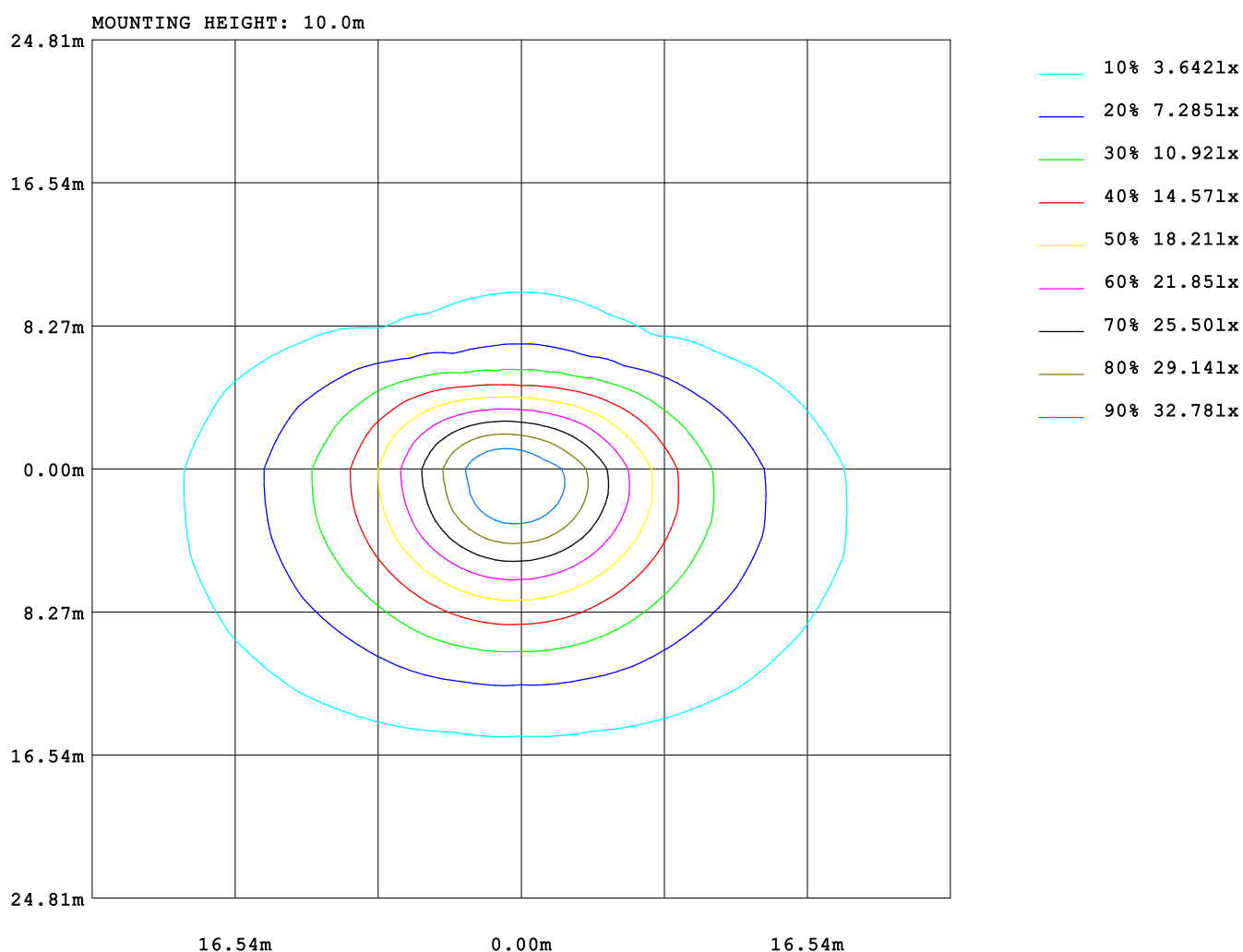
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2020.12.14

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-FL100-A29N-HB3	TYPE: 4000K/5000K/5700K	WEIGHT:
SPECIFICATION: 2835 LED	DIMENSION: 80X150deg	SERIAL No.:



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

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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-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	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569	3569
5.0	3534	3571	3603	3628	3650	3666	3683	3691	3697	3691	3680	3650	3617	3575	3531
10.0	3505	3572	3624	3660	3690	3716	3745	3767	3782	3781	3772	3731	3667	3584	3488
15.0	3491	3578	3635	3681	3713	3746	3786	3818	3844	3849	3840	3800	3719	3599	3436
20.0	3491	3595	3652	3689	3724	3748	3788	3837	3881	3906	3906	3857	3761	3605	3363
25.0	3487	3606	3664	3694	3700	3712	3751	3815	3888	3939	3956	3911	3802	3601	3267
30.0	3486	3619	3665	3676	3664	3658	3696	3771	3869	3945	3993	3970	3853	3599	3167
35.0	3503	3644	3668	3644	3612	3596	3633	3716	3826	3933	4022	4022	3894	3574	3039
40.0	3502	3668	3670	3611	3557	3548	3582	3675	3782	3916	4034	4060	3919	3531	2868
45.0	3509	3699	3662	3573	3506	3455	3441	3566	3742	3888	4052	4140	3988	3488	2660
50.0	3611	3806	3685	3518	3393	3191	3107	3279	3614	3835	4125	4316	4142	3450	2383
55.0	3664	3926	3760	3431	3081	2698	2570	2753	3251	3712	4158	4365	4152	3341	2060
60.0	3498	3770	3567	3163	2509	1914	1767	1943	2653	3425	3953	4163	3937	3051	1671
65.0	3224	3584	3279	2576	1467	964	816	985	1533	2826	3618	3860	3530	2610	1286
70.0	2563	3066	2701	1550	547	308	263	308	558	1731	2941	2983	2527	1861	903
75.0	1133	1628	1541	381	161	138	151	138	164	429	1545	1586	1011	768	394
80.0	192	252	297	86.9	75.8	61.2	65.3	61.1	76.4	92.5	281	246	188	224	67.5
85.0	24.0	24.3	38.6	22.1	20.9	12.2	15.2	11.8	19.9	23.2	41.6	25.6	20.7	24.2	15.0
90.0	3.29	2.06	3.54	1.36	2.41	1.09	2.37	1.10	2.49	1.16	3.56	2.00	3.13	4.77	2.66

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 Test Distance: 10.000 m  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: LUCKY SSL	Address:	
NAME: FK-FL100-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	3569	3569	3569	3569	3569	3569	3569	3569	3569
5.0	3486	3446	3415	3396	3393	3401	3425	3458	3493
10.0	3381	3276	3195	3151	3150	3189	3262	3348	3430
15.0	3237	3047	2913	2845	2855	2929	3058	3221	3372
20.0	3069	2788	2597	2506	2529	2653	2858	3102	3330
25.0	2859	2469	2191	2066	2130	2332	2625	2962	3269
30.0	2624	2080	1724	1654	1699	1949	2363	2795	3200
35.0	2341	1606	1434	1402	1426	1537	2044	2631	3140
40.0	1956	1317	1231	1213	1229	1286	1650	2412	3051
45.0	1542	1125	1083	1078	1086	1101	1299	2160	2961
50.0	1214	982	971	983	980	966	1072	1868	2881
55.0	971	869	879	905	895	860	908	1571	2749
60.0	842	759	803	849	829	763	771	1261	2486
65.0	699	656	701	641	708	679	657	944	2079
70.0	484	379	248	185	224	395	473	677	1521
75.0	175	155	111	111	111	159	163	315	761
80.0	57.0	50.0	53.8	51.6	53.7	47.8	53.4	52.3	198
85.0	16.1	11.1	12.8	8.38	12.3	10.5	14.2	12.0	18.6
90.0	3.16	1.31	2.52	1.04	2.54	1.33	3.16	2.67	4.73

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