

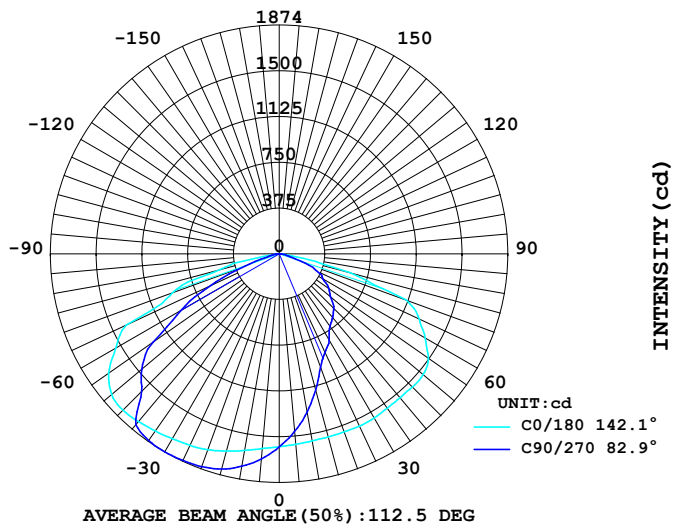
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

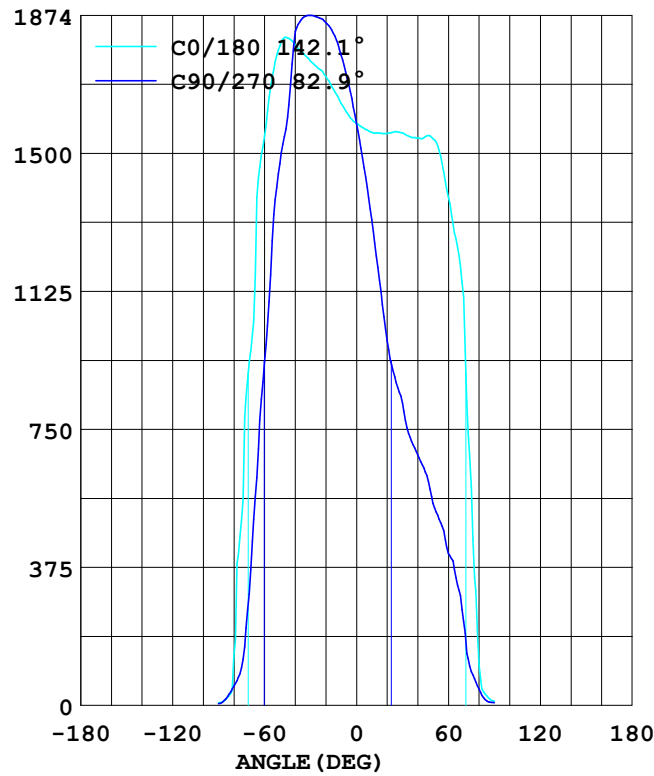
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0402C-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1923	S/MH(C0/180)	1.71
MODEL		EFFICIENCY(%)	96.7	S/MH(C90/270)	1.68
NOMINAL POWER(W)	38	TOTAL FLUX(lm)	5325.9	Voltage(V)	220.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	140.9	Current(A)	0.182
NOMINAL FLUX(lm)	5509.9	$\eta$ up(%)	0.0	Power(W)	37.79
LAMPS QUANTITY	1	$\eta$ down(%)	96.7	Power Factor(PF)	0.943
TEST VOLTAGE(V)	220.1	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



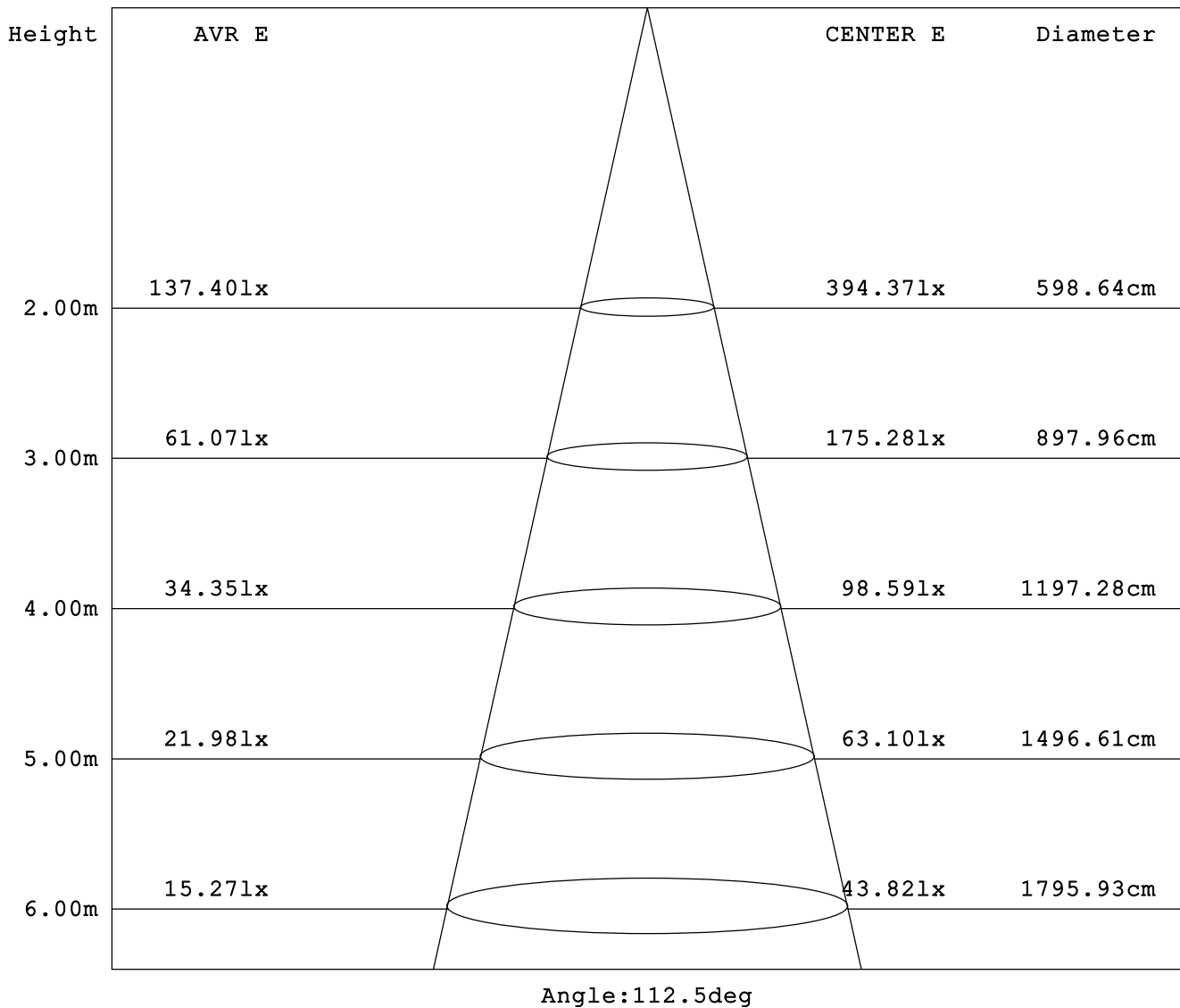
Test System:  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025.07.18

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:

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SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:



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Temperature: 25.3DEG  
Operators:  
Test Date: 2025.07.18

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Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes B	TYPE: IL-PO29B-N0402C-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	1602	1676	1688	1635	1567	1486	1460	1527	0- 5	37.79	37.79
10.0	1635	1762	1766	1686	1557	1380	1319	1471	5- 10	112.7	150.5
15.0	1674	1829	1825	1726	1554	1274	1155	1410	10- 15	185.5	336.1
20.0	1708	1879	1855	1752	1553	1175	990.4	1337	15- 20	254.4	590.6
25.0	1731	1906	1868	1770	1558	1085	892.5	1246	20- 25	318.4	909.0
30.0	1750	1918	1874	1766	1555	997.4	821.3	1134	25- 30	377.5	1287
35.0	1773	1917	1867	1757	1545	911.7	728.1	1017	30- 35	430.1	1717
40.0	1794	1914	1830	1740	1541	821.7	681.7	869.3	35- 40	474.8	2192
45.0	1812	1891	1597	1703	1545	700.0	633.9	725.4	40- 45	507.9	2699
50.0	1792	1843	1471	1640	1539	625.8	548.6	622.2	45- 50	522.5	3222
55.0	1707	1598	1263	1412	1492	550.4	497.1	504.6	50- 55	519.2	3741
60.0	1547	1404	934.4	1277	1382	444.2	413.6	378.9	55- 60	486.1	4227
65.0	1380	1059	619.5	1031	1267	362.2	346.8	273.0	60- 65	423.1	4651
70.0	930.4	708.3	302.3	771.0	1110	268.4	227.2	132.4	65- 70	326.7	4977
75.0	503.3	266.6	102.2	397.2	594.5	145.1	92.14	54.59	70- 75	210.4	5188
80.0	132.9	60.46	51.56	122.4	111.0	45.97	44.59	20.52	75- 80	99.20	5287
85.0	17.52	24.14	18.81	46.14	26.14	13.23	12.69	4.085	80- 85	31.04	5318
90.0	8.620	9.561	4.487	16.06	11.46	4.732	7.638	4.828	85- 90	7.766	5326
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

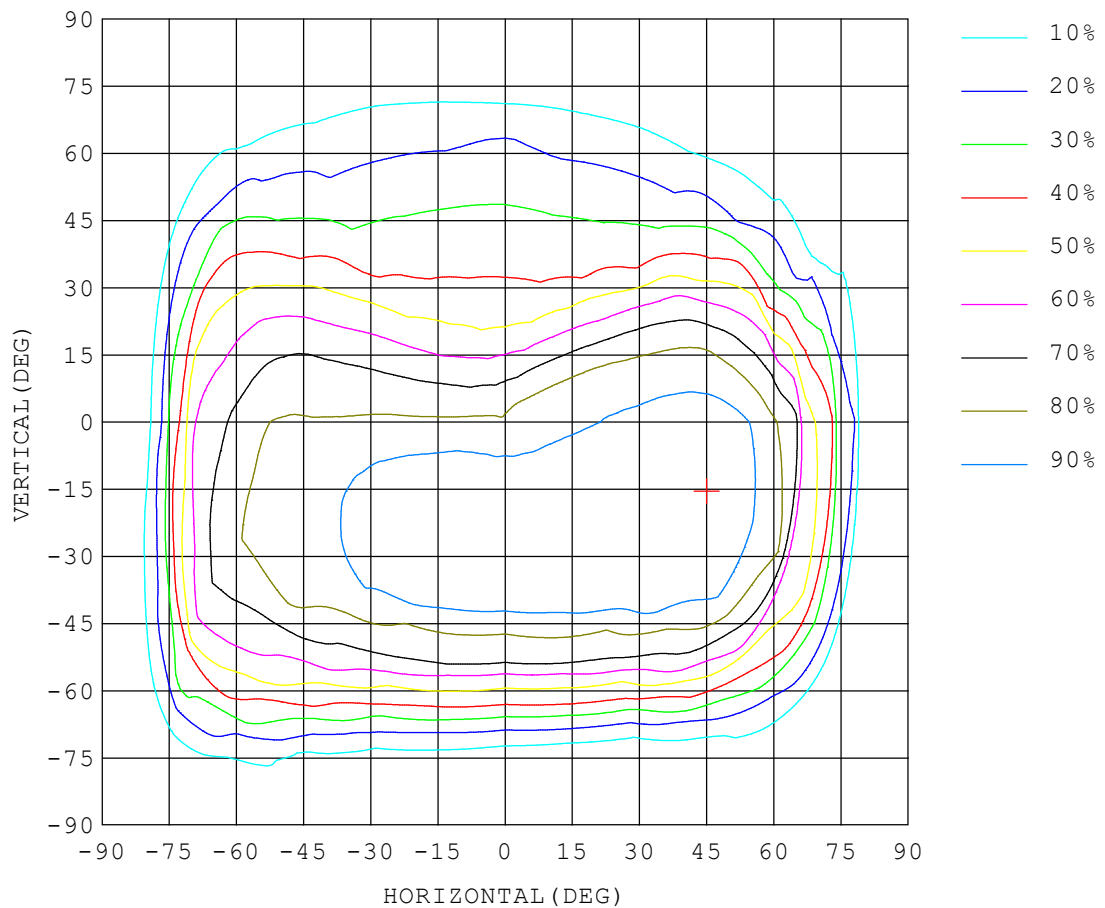
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## ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

UNIT: cd



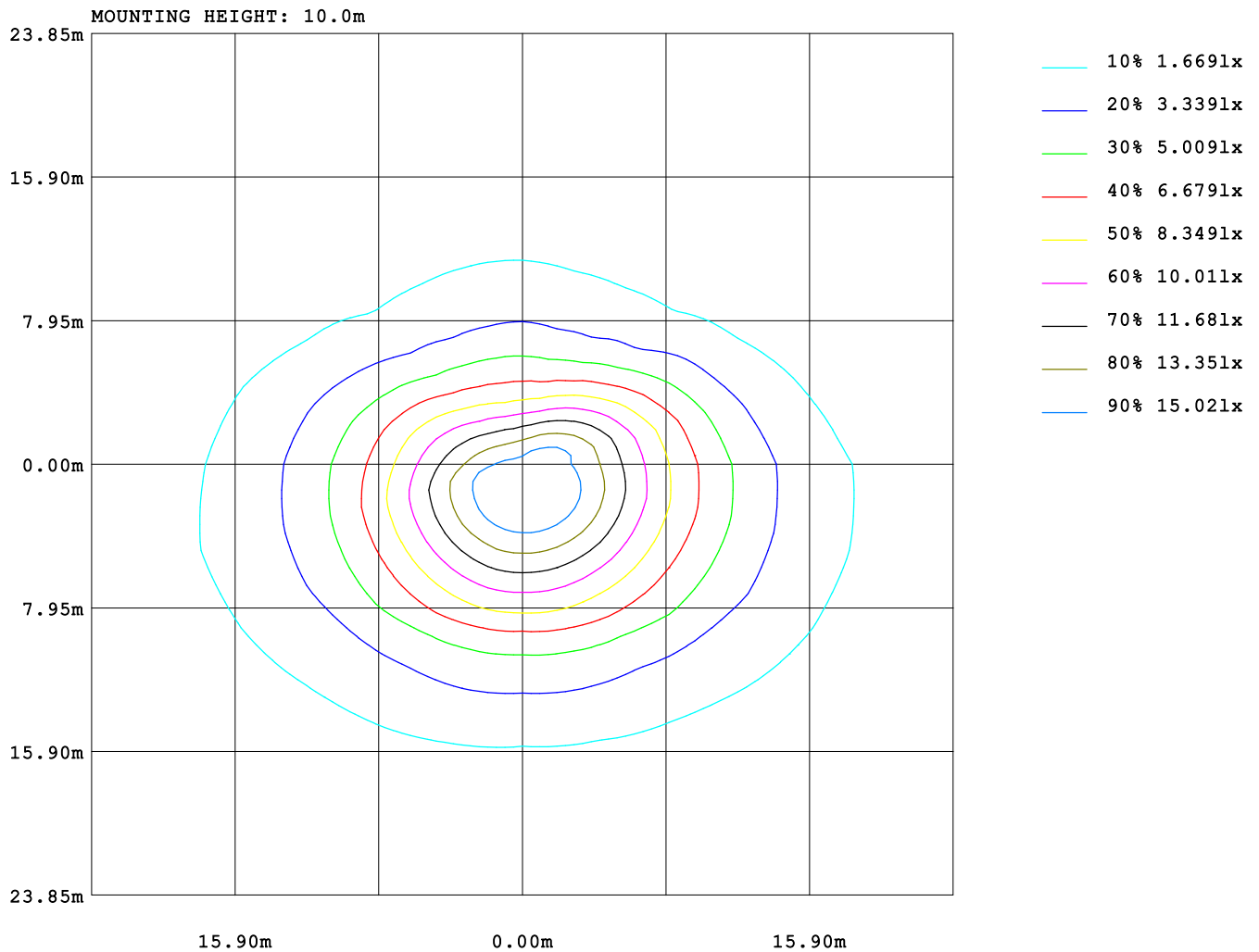
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2025.07.18

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

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## LUMINOUS DISTRIBUTION INTENSITY DATA

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<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Agnes B</b>	<b>TYPE: IL-PO29B-N0402C-TY3</b>	<b>WEIGHT:</b>
<b>SPECIFICATION: 2835LED、4000K、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	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581	1581
5.0	1602	1630	1655	1676	1688	1694	1688	1676	1657	1635	1609	1584	1567	1539	1510
10.0	1635	1689	1729	1762	1773	1782	1766	1750	1716	1686	1641	1594	1557	1497	1435
15.0	1674	1744	1794	1829	1842	1848	1825	1805	1766	1726	1668	1608	1554	1465	1373
20.0	1708	1790	1844	1879	1881	1882	1855	1839	1798	1752	1689	1623	1553	1444	1312
25.0	1731	1827	1877	1906	1895	1897	1868	1857	1803	1770	1702	1632	1558	1430	1263
30.0	1750	1851	1892	1918	1902	1901	1874	1865	1811	1766	1700	1637	1555	1414	1218
35.0	1773	1871	1897	1917	1898	1900	1867	1863	1806	1757	1691	1633	1545	1400	1166
40.0	1794	1892	1904	1914	1877	1875	1830	1832	1783	1740	1674	1623	1541	1378	1101
45.0	1812	1913	1906	1891	1814	1677	1597	1624	1691	1703	1649	1595	1545	1354	1027
50.0	1792	1912	1893	1843	1566	1533	1471	1499	1481	1640	1616	1569	1539	1312	944
55.0	1707	1829	1831	1598	1418	1354	1263	1345	1364	1412	1565	1544	1492	1229	798
60.0	1547	1669	1669	1404	1092	985	934	1008	1099	1277	1463	1496	1382	1098	668
65.0	1380	1536	1320	1059	777	668	620	713	814	1031	1232	1403	1267	936	537
70.0	930	1043	834	708	385	315	302	383	481	771	1061	1284	1110	701	383
75.0	503	601	449	267	108	116	102	140	190	397	740	1078	595	383	199
80.0	133	107	99.7	60.4	45.7	57.5	51.5	68.3	70.2	122	336	620	111	77.2	64.5
85.0	17.5	27.4	14.9	24.1	15.2	25.0	18.8	31.2	28.4	46.1	55.1	111	26.1	13.5	20.9
90.0	8.62	11.3	4.88	9.56	4.23	8.78	4.48	9.79	7.30	16.0	13.5	21.9	11.4	5.63	9.48

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<b>SPECIFICATION: 2835LED、4000K、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	1581	1581	1581	1581	1581	1581	1581	1581	1581
5.0	1486	1468	1459	1460	1474	1499	1527	1557	1586
10.0	1380	1341	1312	1319	1347	1409	1471	1537	1595
15.0	1274	1201	1152	1155	1195	1299	1410	1515	1606
20.0	1175	1070	1000	990	1042	1173	1337	1490	1606
25.0	1085	965	908	893	905	1039	1246	1455	1605
30.0	997	878	839	821	816	910	1134	1406	1595
35.0	912	791	739	728	709	778	1017	1341	1592
40.0	822	697	686	682	653	681	869	1262	1571
45.0	700	640	636	634	600	612	725	1161	1514
50.0	626	582	563	549	513	539	622	967	1394
55.0	550	488	488	497	453	448	505	775	1215
60.0	444	424	413	414	375	372	379	587	993
65.0	362	347	356	347	302	294	273	314	564
70.0	268	264	248	227	196	153	132	191	284
75.0	145	143	101	92.1	72.9	76.6	54.5	59.8	65.4
80.0	45.9	56.5	41.8	44.5	31.0	33.7	20.5	24.8	14.7
85.0	13.2	18.5	8.39	12.6	5.42	10.3	4.08	10.0	4.43
90.0	4.73	8.08	4.15	7.63	4.18	7.68	4.82	8.96	5.70

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