

TEST REPORT

The following tested product(s) were submitted and identified by the vendor as:

Applicant : HK Lighting Group Inc.
Address of Applicant : 3529 Old Conejo Road, #118 Newbury Park, CA 91320
Testing Laboratory : SGS Taiwan Ltd., Optics Laboratory
Laboratory Address : No. 33, Wu Chyuan Road, New Taipei Industrial Park, Wu Ku District, New Taipei City 24886, Taiwan (R.O.C.)
Product Name : Area Accent Light
Model / Serial Number : ZXL20-XT3030/1050-W
Manufacturer : HK Lighting Group Inc.
Test Standard/Method : IES LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products
Rating : AC (120 to 277) V 60 Hz, 34 W
Tested Condition : AC 120 V 60 Hz
Date of Issue : May 05, 2017

- ◆ The test results are solely accountable for the testing samples.
- ◆ All reported contents shall not be used for advertising, publication, marketing strategies and legal proceedings.
- ◆ Excerpts taken from the report will not be valid unless otherwise stated in the laboratory agreement.

Note: The report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Test Results : -PLEASE SEE ATTACHED SHEETS-

Signed for and on behalf of
SGS TAIWAN Ltd.



Benson DENG
Supervisor

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1 SAMPLING PROCEDURES

From manufacturers.

2 DATE OF RECEIPT OF SAMPLES

May 03, 2017

3 DATE(S) OF PERFORMANCE OF THE TEST

May 03, 2017 ~ May 05, 2017

4 IDENTITY OF SAMPLES

Quantity	Model	Serial Number
1	ZXL20-XT3030/1050-W	# 1

5 TEST ITEMS

5.1 Luminous Efficacy (η)

The test results of luminous efficacy were implemented referring to Clause 11.0 Luminous Efficacy of IES LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products.

5.2 Total Luminous Flux (ψ_v)

The test results of total luminous flux were implemented referring to Clause 9.3 Goniophotometer of Clause 9.0 Test Methods for Total Luminous Flux measurement of IES LM-79-08.

5.3 Correlated Color Temperature (CCT) & Duv

The test results of Correlated Color Temperature were implemented referring to ANSI C78.377-2011, Clause 12.1 Method using a sphere-spectroradiometer system of 12.0 TEST METHODS FOR COLOR CHARACTERISTICS OF SSL PRODUCTS of IES LM-79-08, and CIE 15:2004 COLORIMETRY.

5.4 CIE Color Coordinate (CIEx, CIEy)

The test results were implemented referring to ANSI C78.377-2011 Specifications for the Chromaticity of Solid State Lighting Products, Clause 12.0 Test Methods for Color Characteristics of SSL Products of IES LM-79-08, and CIE 15:2004 COLORIMETRY.

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5.5 Color Rendering Index (Ra)

The test results of Color Rendering Index were implemented referring to ANSI C78.377-2011, CIE 13.3-1995 METHOD OF MEASUREMENT AND SPECIFYING COLOUR RENDERING PROPERTIES OF LIGHT SOURCES, and Clause 12.2 of 12.0 of IES LM-79-08.

5.6 Electrical Quantities

The test results were implemented referring to ANSI C82.2-2002 METHOD OF MEASUREMENT OF FLUORESCENT LAMP BALLASTS, ANSI C82.77 HARMONIC EMISSION LIMITS – RELATED POWER QUALITY REQUIREMENTS FOR LIGHTING EQUIPMENT, and IES LM-79-08.

5.7 Luminous Intensity Distribution

The test results of luminous intensity distribution were implemented referring to Clause 10.0 Luminous Intensity Distribution of IES LM-79-08.

5.7.1 Beam Angle & Field Angle

5.7.2 Center Beam Intensity

5.7.3 Polar Luminous Intensity Distribution

5.7.4 Cartesian Coordinates Luminous Intensity Distribution

5.7.5 Zonal Lumen Density

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6 TEST CONDITIONS

Main Test Equipment:

Name	Brand	Model	S/N	Calibration Due Date
Digital Power Meter / AC Source	YOKOGAWA / apc	WT-310 / AFC-500W	C2PK22023V / F312120079	2017/8/18
Goniophotometer System	SGS Define (CZIBULA & GRUNDMANN GMBH / everfine)	GO-R5000-GS-PLUS	1001001	2017/7/30
Digital Power Analyzer / AC Source	YOKOGAWA / apc	WT-1800 / AFC-500W	91L826815 / F312080105	2017/10/27
Spectroradiometer / Integrating Sphere	OTSUKA / Labsphere	MCPD-9800 / LMS 760	98010303 / 0326099353	2017/7/8

Environmental Conditions:

Ambient temperature: (25 ± 1) °C
Relative humidity: (60 ± 20) %RH
Dark room: < 0.05 lx

DUT Conditions:

Power input: AC 120 V 60 Hz
Dimension: L 290 mm x W 120 mm x H 110 mm
Stabilization time: > 60 minutes
Control Gear: DUT Built-in
Prior operation: 0 h

Measurement Conditions:

Goniophotometer: 2.115 m (N.F.)

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7 TEST RESULTS

7.1 Luminous Efficacy (η)

S/N	Luminous Efficacy (η)	Note
# 1	44.2 lm/W	Stabilization

7.2 Total Luminous Flux (ψ_v)

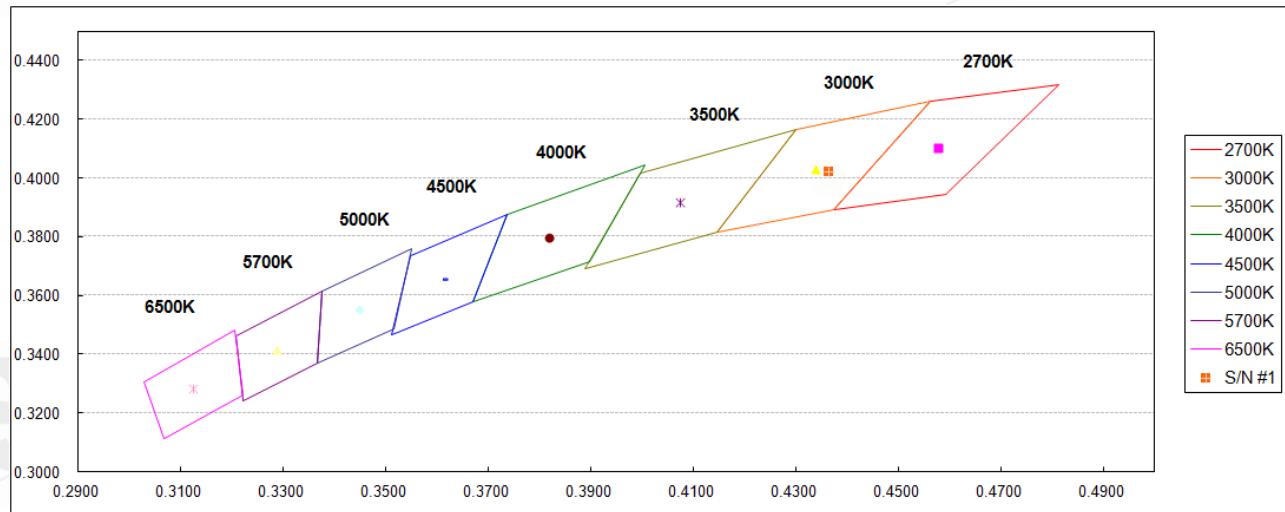
S/N	Total Luminous Flux	Note
# 1	1529.2 lm	Stabilization

7.3 Correlated Color Temperature (CCT) & Duv

S/N	CCT	Duv	Note
# 1	2993 K	-0.0007	Stabilization

7.4 CIE Color Coordinate (CIEx, CIEy)

S/N	CIEx	CIEy	Note
# 1	0.4364	0.4021	Stabilization



ANSI C78.377 CIE(x,y) chromaticity diagram

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7.5 Color Rendering Index (Ra)

S/N	CRI (Ra)	R ₉	Note
# 1	81.6	11.3	Stabilization

7.6 Electrical Quantities

S/N	Voltage	Current	Input Power	Power Factor	THD _I (%)	Note
# 1	119.97 Vac	0.2893 A	34.620 W	0.9974	6.930 %	Stabilization

7.7 Luminous Intensity Distribution

7.7.1 Beam Angle & Field Angle

S/N	Beam Angle		Field Angle		Note
	0°-180°	90°-270°	0°-180°	90°-270°	
# 1	42.4°	42.4°	69.6°	69.6°	Stabilization

7.7.2 Center Beam Intensity

S/N	Center Beam Intensity		Maximum Intensity	Note
	0°-180°	90°-270°		
# 1	2747 cd	2730 cd	2755.34 cd	max. intensity @ (C=162.5° , Gamma=3.0°)

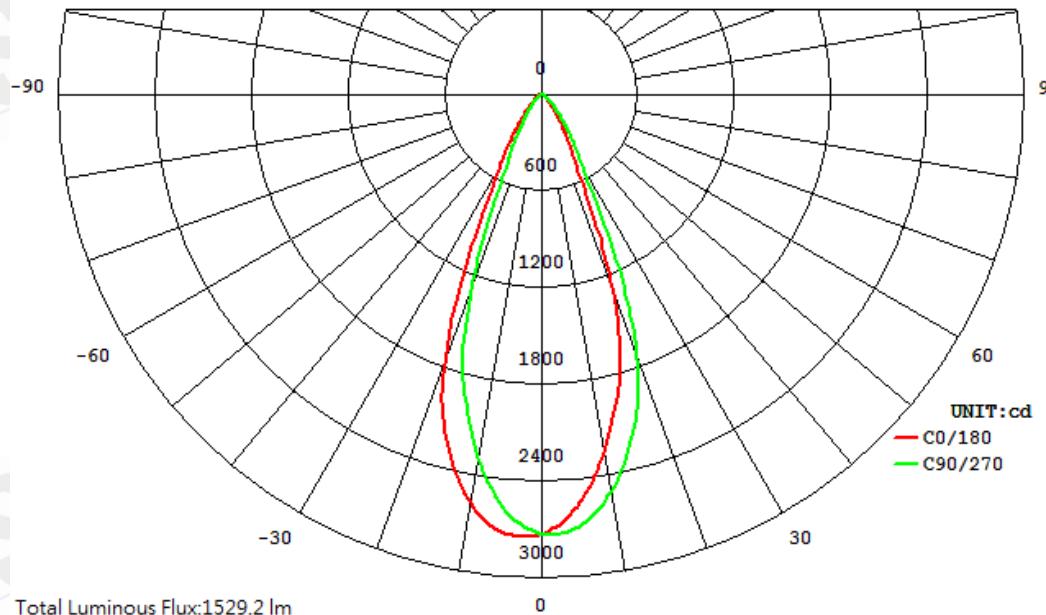
※ Photometric data please see Appendix A.

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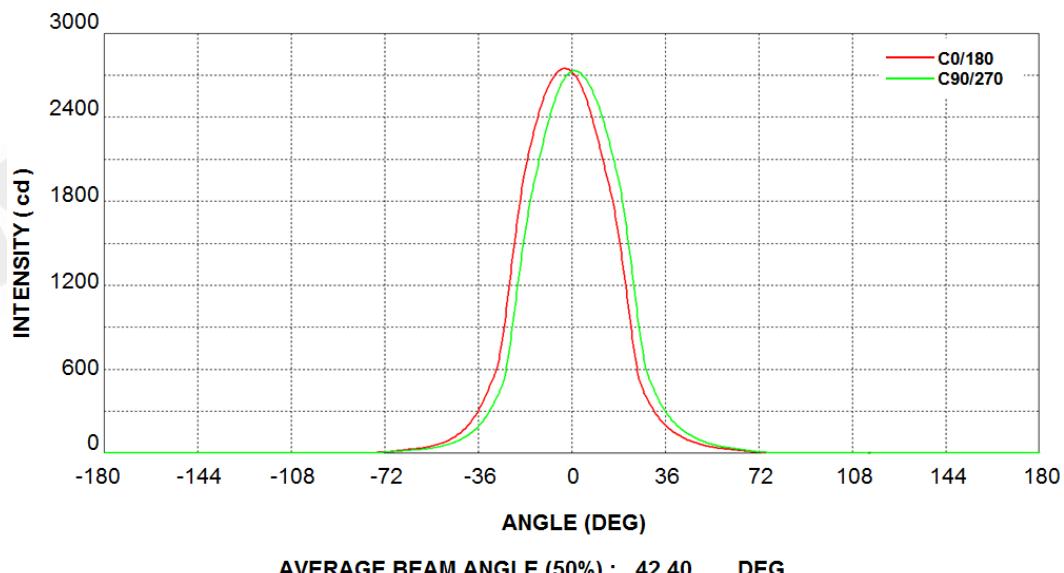
7.7.3 Polar Luminous Intensity Distribution

Polar Luminous Intensity Distribution



7.7.4 Cartesian Coordinates Luminous Intensity Distribution

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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7.7.5 Zonal Lumen Density

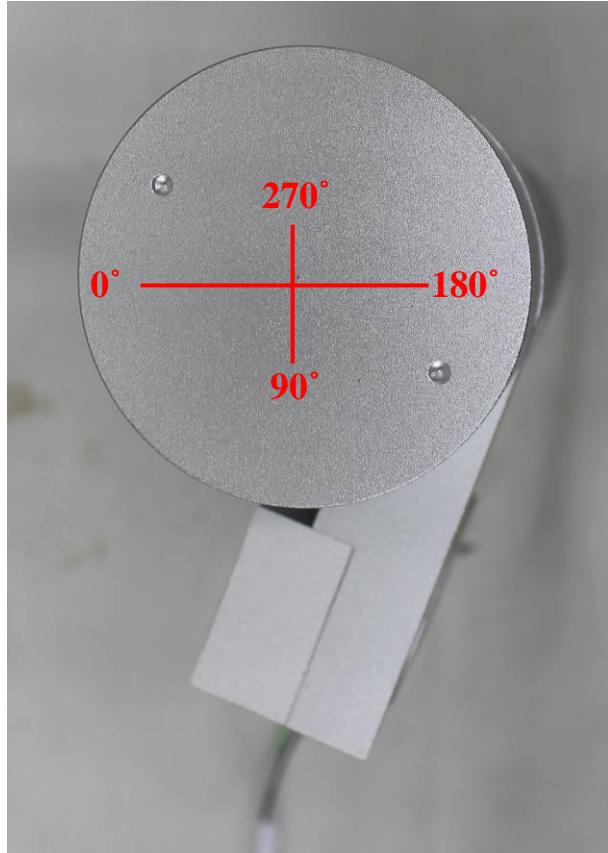
Gamma	Zonal Flux (lm)	Cumulated Total Zonal Flux (lm)	Cumulated Luminous Flux Ratio (%)	Zonal Lumen Density Ratio (%)
0-10	244.605	244.605	16.00 %	
10-20	560.572	805.177	52.65 %	
20-30	394.990	1200.167	78.48 %	
30-40	177.269	1377.436	90.07 %	98.31 %
40-50	85.118	1462.554	95.64 %	
50-60	40.852	1503.405	98.31 %	
60-70	20.294	1523.699	99.64 %	
70-80	4.779	1528.478	99.95 %	1.67 %
80-90	0.507	1528.984	99.98 %	
90-100	0.056	1529.040	99.99 %	
100-110	0.048	1529.088	99.99 %	0.01 %
110-120	0.050	1529.138	99.99 %	
120-130	0.030	1529.168	100.00 %	
130-140	0.025	1529.193	100.00 %	
140-150	0.021	1529.214	100.00 %	
150-160	0.016	1529.230	100.00 %	0.01 %
160-170	0.009	1529.239	100.00 %	
170-180	0.003	1529.242	100.00 %	

Zonal Lumen Density (0°-60°) : 98.31 %
Zonal Lumen Density (20°-50°) : 42.99 %
Zonal Lumen Density (60°-90°) : 1.67 %
Zonal Lumen Density (90°-120°) : 0.01 %
Zonal Lumen Density (120°-180°) : 0.01 %

※ Remark: Gamma 0° is the nadir (perpendicular to ground).

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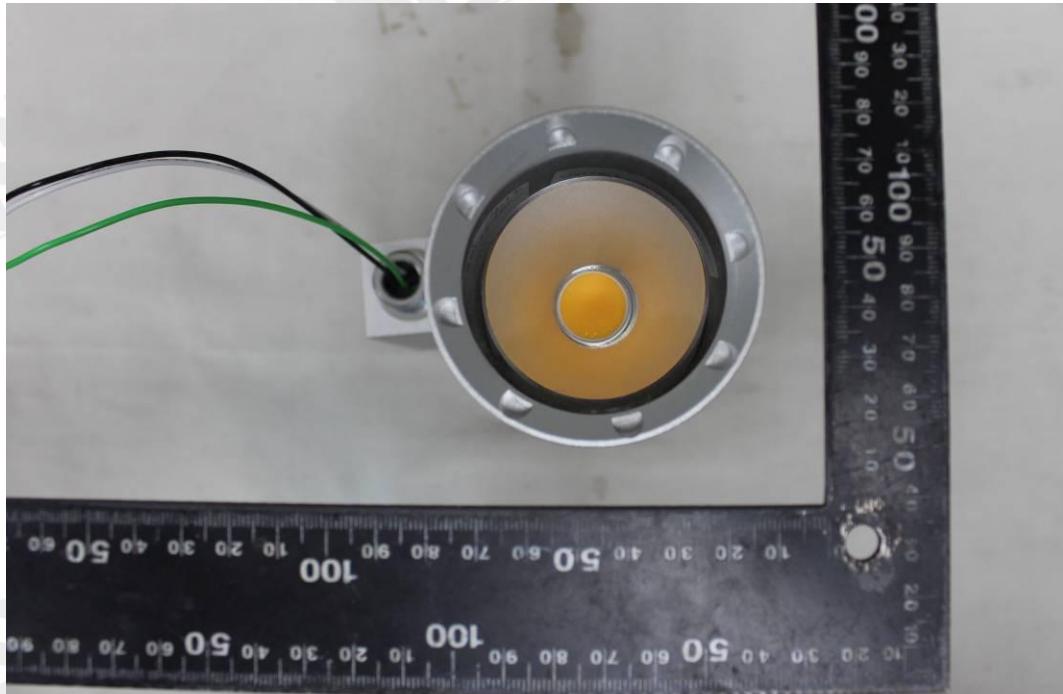
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8 ANGLE DEFINITIONBack View

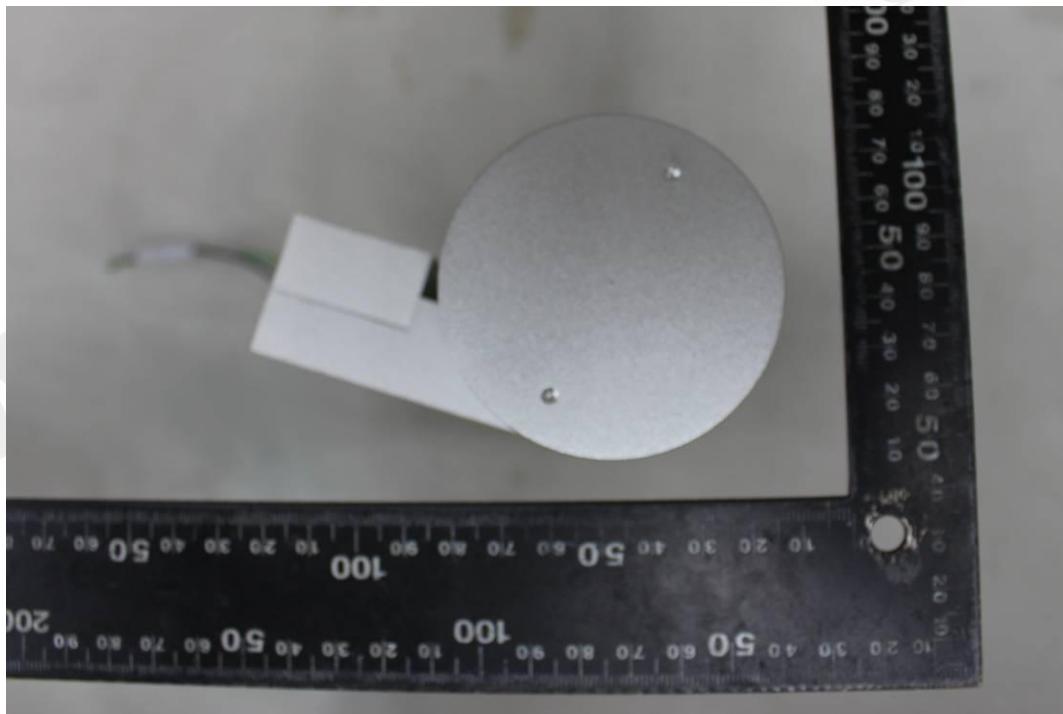
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9 PHOTO



Front View



Back View

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DUT



Side View

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Appendix A: Photometric Data

Gamma\Color	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2667.45	2668.18	2668.98	2669.86	2670.82	2671.95	2673.02	2673.71	2674.36	2675.29	2676.33	2677.43	2678.62
5.0	2568.28	2569.62	2570.98	2572.27	2573.80	2576.05	2578.45	2580.44	2582.45	2584.75	2587.31	2590.19	2593.38
7.5	2424.72	2427.30	2430.36	2433.96	2437.89	2441.99	2446.15	2450.08	2454.18	2458.80	2463.69	2468.72	2473.85
10.0	2251.90	2255.98	2260.25	2264.69	2269.39	2274.57	2279.84	2284.60	2289.60	2295.59	2302.04	2308.69	2315.53
12.5	2060.31	2065.36	2070.82	2076.75	2082.93	2089.19	2095.51	2101.76	2108.13	2114.80	2121.69	2128.66	2135.97
15.0	1876.24	1881.47	1887.03	1892.90	1899.13	1905.84	1912.77	1919.64	1926.67	1934.11	1941.66	1948.98	1956.36
17.5	1630.63	1636.79	1643.19	1649.61	1656.73	1665.52	1674.88	1683.79	1692.88	1702.50	1712.51	1723.04	1733.75
20.0	1310.59	1316.77	1323.57	1330.93	1339.04	1348.32	1358.13	1367.78	1377.77	1388.43	1399.54	1410.92	1422.74
22.5	957.18	964.23	971.92	980.26	989.24	998.94	1009.13	1019.59	1030.33	1041.29	1052.46	1063.70	1075.33
25.0	629.29	634.74	641.18	648.80	657.06	665.54	674.07	682.13	690.27	698.91	707.99	717.67	727.69
27.5	453.90	460.58	466.82	472.72	477.96	481.76	485.55	490.76	496.58	503.25	509.04	510.96	512.94
30.0	357.12	360.37	364.00	368.05	372.35	376.67	381.09	385.59	390.13	394.59	399.11	403.86	408.64
32.5	281.51	284.50	287.72	291.21	294.85	298.47	302.16	305.99	309.88	313.82	317.75	321.65	325.41
35.0	222.66	225.24	227.98	230.92	234.00	237.19	240.42	243.59	246.76	249.98	253.20	256.39	259.45
37.5	177.55	179.73	182.03	184.47	187.03	189.72	192.43	195.05	197.66	200.34	202.97	205.48	207.87
40.0	142.77	144.68	146.62	148.57	150.59	152.76	155.00	157.28	159.54	161.67	163.75	165.80	167.79
42.5	115.78	117.18	118.73	120.45	122.25	124.03	125.80	127.54	129.28	131.05	132.81	134.54	136.21
45.0	94.04	95.25	96.51	97.80	99.14	100.54	101.95	103.31	104.67	106.07	107.46	108.84	110.19
47.5	76.39	77.38	78.37	79.36	80.39	81.50	82.64	83.73	84.82	85.91	86.99	88.05	89.11
50.0	61.77	62.51	63.28	64.07	64.89	65.76	66.64	67.51	68.39	69.28	70.16	71.04	71.91
52.5	49.95	50.67	51.32	51.88	52.42	52.98	53.57	54.25	54.96	55.63	56.29	56.95	57.63
55.0	40.36	40.82	41.30	41.78	42.28	42.85	43.40	43.81	44.24	44.85	45.50	46.10	46.67
57.5	33.52	33.85	34.19	34.54	34.90	35.27	35.64	36.00	36.36	36.73	37.12	37.52	37.93
60.0	29.04	29.28	29.53	29.80	30.07	30.33	30.59	30.87	31.14	31.42	31.70	31.99	32.30
62.5	24.43	24.60	24.78	24.97	25.18	25.40	25.63	25.86	26.08	26.31	26.54	26.80	27.07
65.0	19.04	19.14	19.25	19.37	19.49	19.65	19.81	19.94	20.07	20.24	20.43	20.63	20.85
67.5	13.88	13.93	13.97	14.02	14.08	14.16	14.24	14.30	14.37	14.48	14.60	14.73	14.87
70.0	9.52	9.55	9.57	9.59	9.60	9.63	9.67	9.72	9.77	9.81	9.86	9.94	10.04
72.5	6.23	6.24	6.25	6.26	6.27	6.30	6.33	6.35	6.37	6.40	6.44	6.48	6.54
75.0	3.65	3.66	3.67	3.69	3.72	3.76	3.81	3.86	3.90	3.94	3.98	4.02	4.05
77.5	1.41	1.41	1.41	1.41	1.41	1.41	1.42	1.42	1.43	1.44	1.44	1.45	1.46
80.0	1.04	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.04	1.04	1.05	1.05	1.06
82.5	0.64	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.67	0.67	0.68
85.0	0.46	0.52	0.55	0.56	0.56	0.57	0.58	0.59	0.58	0.54	0.50	0.49	0.49
87.5	0.35	0.17	0.07	0.05	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.08
90.0	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.06	0.03	0.02	0.03	0.05
92.5	0.15	0.08	0.04	0.05	0.07	0.09	0.10	0.08	0.06	0.06	0.06	0.06	0.06
95.0	0.01	0.02	0.03	0.05	0.06	0.06	0.07	0.07	0.07	0.06	0.05	0.09	0.13
97.5	0.07	0.06	0.05	0.06	0.07	0.06	0.04	0.07	0.09	0.08	0.05	0.05	0.05
100.0	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
102.5	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04
105.0	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.04
107.5	0.35	0.14	0.05	0.12	0.21	0.17	0.12	0.11	0.11	0.08	0.04	0.03	0.03
110.0	0.20	0.09	0.09	0.23	0.37	0.38	0.32	0.17	0.02	0.00	0.01	0.04	0.06
112.5	0.00	0.22	0.36	0.39	0.35	0.35	0.18	0.03	0.06	0.12	0.06	0.00	0.02
115.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.00	0.01	0.03
117.5	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
120.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
122.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
125.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
127.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
130.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
132.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
135.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
137.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
140.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
142.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
145.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
147.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
150.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
152.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
155.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
157.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
160.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
162.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
165.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
167.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
170.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
172.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
175.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
177.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2679.84	2681.21	2682.93	2684.66	2685.94	2687.28	2689.16	2691.22	2693.24	2695.30	2697.42	2699.50	2701.40
5.0	2597.01	2600.85	2604.72	2608.57	2612.23	2615.88	2619.79	2623.59	2626.79	2630.04	2634.06	2638.17	2641.76
7.5	2478.91	2484.11	2489.76	2495.41	2500.58	2505.64	2510.80	2516.08	2521.55	2527.19	2533.06	2538.95	2544.51
10.0	2322.36	2329.40	2336.87	2344.53	2352.09	2359.88	2368.33	2376.85	2384.79	2392.71	2401.09	2409.54	2417.77
12.5	2144.02	2152.29	2160.21	2168.41	2177.50	2186.89	2196.11	2205.36	2214.60	2224.05	2234.05	2244.23	2254.32
15.0	1963.87	1971.73	1980.33	1989.23	1998.05	2006.98	2016.23	2025.41	2033.91	2042.58	2052.28	2062.41	2072.63
17.5	1744.13	1754.80	1766.39	1778.30	1790.13	1801.92	1813.50	1825.17	1837.13	1849.45	1862.59	1875.58	1887.25
20.0	1435.26	1447.95	1459.98	1472.46	1486.65	1501.27	1515.11	1529.22	1544.62	1560.18	1574.87	1589.42	1604.33
22.5	1087.71	1100.51	1113.39	1126.68	1140.60	1155.01	1169.94	1185.10	1200.06	1215.26	1231.16	1247.29	1263.49
25.0	737.73	748.19	759.49	771.23	782.88	795.15	808.99	823.10	835.88	849.15	864.98	881.03	894.92
27.5	519.45	525.89	527.65	529.29	534.45	541.25	549.31	557.79	565.26	573.09	582.64	592.56	601.64
30.0	413.14	417.85	423.62	429.10	432.65	435.94	440.42	445.11	449.19	453.71	460.05	466.42	470.81
32.5	328.86	332.17	335.49	338.82	342.24	345.66	348.92	352.28	356.00	359.88	363.82	367.89	372.15
35.0	262.24	264.86	267.34	269.76	272.22	274.72	277.25	279.81	282.37	285.06	288.08	291.18	294.09
37.5	210.14	212.32	214.45	216.51	218.43	220.33	222.32	224.29	226.14	228.02	230.13	232.35	234.66
40.0	169.75	171.62	173.36	175.02	176.63	178.21	179.82	181.38	182.82	184.26	185.80	187.44	189.23
42.5	137.75	139.22	140.68	142.07	143.34	144.57	145.88	147.16	148.28	149.45	150.89	152.37	153.71
45.0	111.45	112.69	113.92	115.11	116.22	117.27	118.31	119.33	120.27	121.24	122.37	123.54	124.62
47.5	90.18	91.21	92.17	93.09	94.05	95.00	95.90	96.76	97.57	98.38	99.26	100.17	101.05
50.0	72.72	73.53	74.36	75.18	75.94	76.69	77.44	78.19	78.90	79.61	80.39	81.17	81.93
52.5	58.30	58.98	59.65	60.33	60.99	61.65	62.31	62.95	63.52	64.11	64.83	65.56	66.20
55.0	47.16	47.65	48.31	48.95	49.41	49.87	50.53	51.17	51.54	51.90	52.52	53.14	53.50
57.5	38.32	38.72	39.16	39.61	40.06	40.51	40.95	41.39	41.84	42.28	42.72	43.15	43.59
60.0	32.61	32.93	33.25	33.57	33.87	34.17	34.49	34.82	35.13	35.44	35.76	36.08	36.40
62.5	27.35	27.63	27.92	28.20	28.49	28.78	29.08	29.38	29.68	29.98	30.31	30.63	30.93
65.0	21.07	21.31	21.57	21.83	22.09	22.36	22.65	22.95	23.25	23.56	23.88	24.19	24.49
67.5	15.03	15.21	15.40	15.59	15.79	16.00	16.24	16.49	16.73	16.98	17.25	17.51	17.78
70.0	10.13	10.23	10.34	10.46	10.60	10.75	10.89	11.05	11.23	11.42	11.61	11.80	11.98
72.5	6.60	6.67	6.73	6.79	6.86	6.93	7.02	7.12	7.21	7.31	7.43	7.55	7.67
75.0	4.09	4.14	4.17	4.21	4.24	4.28	4.35	4.42	4.47	4.52	4.57	4.63	4.69
77.5	1.47	1.49	1.51	1.53	1.55	1.58	1.62	1.67	1.73	1.80	1.87	1.95	2.04
80.0	1.06	1.07	1.07	1.08	1.09	1.09	1.10	1.10	1.11	1.12	1.13	1.14	1.15
82.5	0.68	0.69	0.70	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.78	0.78	0.78
85.0	0.48	0.48	0.49	0.51	0.52	0.53	0.53	0.52	0.51	0.49	0.50	0.50	0.50
87.5	0.09	0.10	0.10	0.10	0.11	0.12	0.12	0.12	0.12	0.13	0.14	0.15	0.15
90.0	0.05	0.05	0.06	0.05	0.03	0.01	0.02	0.05	0.05	0.05	0.05	0.05	0.05
92.5	0.06	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.06
95.0	0.10	0.06	0.05	0.06	0.05	0.05	0.08	0.10	0.07	0.03	0.04	0.06	0.06
97.5	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.03	0.04	0.04	0.04
100.0	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.08	0.11	0.08	0.04	0.04	0.05
102.5	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
105.0	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04
107.5	0.01	0.01	0.13	0.23	0.13	0.04	0.19	0.32	0.20	0.04	0.02	0.04	0.03
110.0	0.09	0.11	0.11	0.09	0.05	0.02	0.08	0.14	0.14	0.12	0.08	0.07	0.20
112.5	0.04	0.07	0.15	0.22	0.29	0.33	0.33	0.30	0.27	0.24	0.20	0.18	0.21
115.0	0.03	0.03	0.03	0.03	0.00	0.00	0.09	0.16	0.09	0.01	0.01	0.03	0.02
117.5	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03
120.0	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03
122.5	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03
125.0	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.04	0.03
127.5	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\C	65.0	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5	90.0	92.5	95.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2703.29	2705.38	2707.53	2709.65	2711.77	2713.92	2716.06	2718.19	2720.29	2722.41	2724.42	2726.20	2727.91
5.0	2645.31	2649.17	2653.11	2656.95	2660.87	2665.09	2669.33	2673.41	2677.35	2681.10	2684.80	2688.69	2692.46
7.5	2550.27	2556.88	2563.67	2570.13	2576.39	2582.35	2588.19	2594.11	2599.94	2605.56	2610.99	2616.24	2621.25
10.0	2425.98	2434.41	2442.75	2450.74	2458.48	2465.96	2473.28	2480.54	2487.76	2495.12	2502.32	2509.09	2515.55
12.5	2264.31	2274.00	2283.71	2293.80	2303.93	2313.95	2323.78	2333.22	2342.50	2351.95	2361.10	2369.61	2377.51
15.0	2083.00	2093.41	2104.04	2115.15	2126.45	2137.75	2148.95	2159.90	2170.54	2180.77	2190.58	2200.01	2208.81
17.5	1898.55	1910.24	1921.67	1932.16	1942.52	1953.51	1964.59	1975.59	1986.19	1995.89	2005.15	2014.54	2023.31
20.0	1619.24	1634.10	1648.53	1661.83	1674.91	1688.64	1702.33	1715.57	1728.42	1741.01	1752.75	1762.90	1772.09
22.5	1279.26	1293.58	1307.85	1323.55	1339.33	1354.17	1368.47	1382.41	1395.66	1407.72	1419.23	1431.10	1441.99
25.0	908.71	924.10	939.74	954.77	969.33	983.17	996.63	1010.08	1023.16	1035.60	1047.44	1058.95	1069.28
27.5	610.78	620.65	630.63	640.04	649.68	660.48	671.42	681.55	691.55	702.18	712.26	720.74	728.05
30.0	475.27	481.84	488.41	492.85	497.26	503.70	510.18	514.82	519.41	525.79	531.86	535.31	538.59
32.5	376.49	380.73	385.05	389.63	394.36	399.23	404.12	408.82	413.50	418.39	423.13	427.39	431.32
35.0	297.07	300.33	303.68	306.89	310.17	313.70	317.34	321.03	324.65	327.98	331.30	334.97	338.49
37.5	237.02	239.34	241.70	244.15	246.71	249.47	252.27	254.89	257.49	260.20	262.86	265.39	267.71
40.0	191.07	192.87	194.70	196.62	198.60	200.66	202.72	204.66	206.57	208.56	210.49	212.29	213.95
42.5	155.03	156.44	157.88	159.29	160.75	162.31	163.89	165.44	166.93	168.30	169.60	170.90	172.09
45.0	125.72	126.95	128.20	129.40	130.59	131.78	132.95	134.10	135.20	136.24	137.22	138.17	138.98
47.5	101.96	102.92	103.91	104.88	105.84	106.80	107.72	108.50	109.26	110.11	110.90	111.53	112.03
50.0	82.66	83.38	84.11	84.90	85.69	86.43	87.14	87.77	88.37	88.98	89.51	89.90	90.19
52.5	66.83	67.47	68.11	68.70	69.27	69.82	70.35	70.84	71.31	71.76	72.15	72.48	72.72
55.0	53.86	54.43	55.04	55.52	55.97	56.43	56.87	57.26	57.63	57.97	58.26	58.51	58.68
57.5	44.04	44.47	44.88	45.27	45.64	46.03	46.43	46.86	47.25	47.51	47.70	47.83	47.92
60.0	36.70	37.00	37.29	37.55	37.81	38.10	38.39	38.64	38.86	39.06	39.23	39.37	39.45
62.5	31.21	31.49	31.77	32.02	32.26	32.50	32.72	32.93	33.10	33.25	33.37	33.48	33.55
65.0	24.78	25.05	25.31	25.57	25.84	26.09	26.32	26.52	26.70	26.86	27.00	27.10	27.18
67.5	18.04	18.27	18.48	18.70	18.92	19.13	19.32	19.50	19.65	19.79	19.90	19.98	20.03
70.0	12.15	12.32	12.49	12.65	12.79	12.93	13.07	13.20	13.32	13.42	13.49	13.54	13.56
72.5	7.78	7.89	7.99	8.10	8.22	8.33	8.43	8.51	8.58	8.65	8.70	8.72	8.72
75.0	4.76	4.85	4.94	5.00	5.06	5.15	5.24	5.30	5.36	5.41	5.44	5.40	5.36
77.5	2.12	2.19	2.25	2.32	2.39	2.47	2.56	2.65	2.73	2.79	2.83	2.85	2.86
80.0	1.16	1.16	1.17	1.17	1.18	1.18	1.19	1.19	1.20	1.20	1.21	1.21	1.21
82.5	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.85	0.86	0.86	0.87	0.87	0.87
85.0	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.52	0.52	0.53	0.54
87.5	0.16	0.17	0.18	0.18	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.26	0.29
90.0	0.03	0.02	0.01	0.05	0.09	0.06	0.04	0.06	0.09	0.09	0.07	0.06	0.04
92.5	0.06	0.08	0.09	0.07	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05
95.0	0.05	0.05	0.04	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05
97.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
100.0	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.05	0.05	0.04	0.03	0.04	0.06	0.05	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.03	0.02	0.03	0.05	0.04	0.04	0.03	0.02	0.03	0.04	0.04	0.04
107.5	0.04	0.15	0.24	0.15	0.04	0.03	0.04	0.03	0.01	0.03	0.04	0.03	0.03
110.0	0.31	0.18	0.03	0.02	0.05	0.07	0.09	0.06	0.03	0.04	0.07	0.13	0.17
112.5	0.25	0.27	0.25	0.13	0.03	0.07	0.13	0.12	0.10	0.09	0.08	0.04	0.01
115.0	0.00	0.00	0.00	0.06	0.10	0.06	0.00	0.00	0.01	0.02	0.02	0.01	0.00
117.5	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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UNIT: cd

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Gamma\c	130.0	132.5	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0	157.5	160.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2745.88	2746.61	2747.31	2748.34	2749.26	2749.56	2749.83	2750.63	2751.46	2751.86	2752.25	2753.05	2753.73
5.0	2727.82	2729.06	2730.16	2731.53	2732.69	2732.99	2733.34	2734.71	2736.30	2737.43	2738.72	2741.01	2742.85
7.5	2668.74	2670.93	2672.91	2675.12	2677.09	2678.18	2679.31	2681.49	2683.73	2685.00	2686.51	2689.98	2692.86
10.0	2577.89	2580.07	2581.87	2583.51	2585.01	2586.45	2588.00	2589.99	2592.07	2593.70	2595.83	2600.31	2603.84
12.5	2445.27	2447.30	2449.02	2451.15	2453.09	2454.19	2455.37	2457.58	2460.04	2461.90	2464.21	2468.91	2472.46
15.0	2282.72	2284.81	2286.58	2288.67	2290.35	2290.68	2291.00	2292.60	2294.77	2297.03	2299.96	2305.24	2309.01
17.5	2095.59	2097.27	2098.50	2100.01	2101.21	2101.28	2101.63	2104.04	2106.68	2107.55	2108.90	2114.04	2117.74
20.0	1844.15	1845.36	1846.38	1847.32	1848.02	1848.30	1848.29	1847.86	1847.65	1848.22	1849.71	1854.29	1856.50
22.5	1511.09	1511.40	1511.12	1510.88	1510.32	1509.01	1507.86	1507.93	1508.36	1508.18	1508.92	1514.21	1516.82
25.0	1130.11	1130.96	1131.26	1130.10	1128.51	1127.32	1126.25	1124.99	1124.36	1125.27	1127.16	1131.72	1133.19
27.5	776.73	776.17	775.31	775.35	775.57	775.59	775.61	775.81	775.80	774.58	774.21	778.65	781.15
30.0	577.12	578.15	578.95	579.40	579.55	579.32	578.94	578.70	578.35	577.59	576.88	577.23	576.66
32.5	466.75	468.79	470.30	469.72	468.97	470.15	471.13	469.92	468.25	467.38	466.73	466.66	465.72
35.0	366.28	367.11	367.75	368.25	368.49	368.33	367.95	367.56	367.02	366.12	365.17	364.88	363.74
37.5	287.30	287.74	287.93	287.76	287.35	286.80	286.11	285.26	284.30	283.25	282.20	281.61	280.37
40.0	225.39	225.22	224.88	223.67	222.78	221.77	220.65	219.50	218.38	217.30	216.54	215.32	
42.5	177.01	176.43	175.67	174.69	173.60	172.50	171.38	170.27	169.16	168.01	166.92	166.22	165.24
45.0	139.28	138.62	137.82	136.74	135.56	134.42	133.30	132.21	131.16	130.11	129.17	128.61	127.86
47.5	109.99	109.22	108.36	107.39	106.37	105.33	104.31	103.36	102.46	101.61	100.85	100.37	99.77
50.0	87.20	86.47	85.67	84.82	83.95	83.08	82.24	81.45	80.73	80.09	79.53	79.15	78.66
52.5	69.40	68.78	68.12	67.39	66.66	65.94	65.26	64.66	64.11	63.57	63.10	62.82	62.45
55.0	55.60	55.09	54.56	54.05	53.54	53.01	52.52	52.15	51.80	51.41	51.03	50.74	50.39
57.5	45.15	44.73	44.30	43.82	43.36	42.93	42.52	42.15	41.80	41.49	41.21	41.03	40.79
60.0	37.20	36.83	36.45	36.09	35.74	35.40	35.08	34.79	34.53	34.30	34.10	33.96	33.77
62.5	31.53	31.23	30.93	30.62	30.33	30.07	29.83	29.62	29.42	29.23	29.05	28.93	28.78
65.0	25.51	25.25	24.98	24.75	24.52	24.29	24.09	23.94	23.82	23.68	23.55	23.51	23.44
67.5	18.53	18.30	18.06	17.86	17.67	17.49	17.33	17.21	17.12	17.06	17.02	17.02	16.97
70.0	12.59	12.44	12.28	12.13	11.99	11.86	11.75	11.68	11.63	11.60	11.59	11.62	11.62
72.5	8.31	8.20	8.08	7.97	7.87	7.78	7.71	7.67	7.64	7.63	7.63	7.67	7.69
75.0	5.61	5.54	5.46	5.36	5.27	5.23	5.21	5.19	5.18	5.18	5.19	5.22	5.25
77.5	3.43	3.39	3.34	3.28	3.22	3.17	3.14	3.13	3.13	3.14	3.15	3.19	3.21
80.0	1.15	1.14	1.14	1.13	1.13	1.13	1.12	1.12	1.12	1.12	1.12	1.11	1.11
82.5	0.83	0.83	0.82	0.81	0.81	0.80	0.79	0.79	0.78	0.78	0.78	0.79	0.78
85.0	0.50	0.50	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.47
87.5	0.25	0.26	0.28	0.30	0.32	0.35	0.38	0.42	0.46	0.46	0.43	0.40	0.35
90.0	0.03	0.05	0.06	0.05	0.04	0.08	0.11	0.08	0.03	0.03	0.04	0.07	0.09
92.5	0.06	0.05	0.05	0.04	0.04	0.05	0.06	0.07	0.07	0.07	0.07	0.05	0.04
95.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.03	0.03	0.04
97.5	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.03	0.00	0.02	0.04
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04
107.5	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.13	0.20
110.0	0.14	0.09	0.03	0.02	0.01	0.01	0.02	0.01	0.03	0.12	0.18	0.11	0.02
112.5	0.04	0.04	0.05	0.15	0.24	0.19	0.12	0.09	0.07	0.04	0.02	0.02	0.03
115.0	0.01	0.02	0.05	0.13	0.18	0.10	0.00	0.00	0.00	0.02	0.04	0.02	0.00
117.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	162.5	165.0	167.5	170.0	172.5	175.0	177.5	180.0	182.5	185.0	187.5	190.0	192.5
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2753.81	2753.45	2752.51	2751.32	2750.15	2748.98	2747.82	2746.85	2746.43	2746.07	2745.29	2744.39	2743.61
5.0	2742.86	2741.70	2739.25	2736.46	2734.42	2732.51	2730.29	2728.26	2727.16	2726.11	2724.26	2722.16	2720.15
7.5	2692.80	2690.86	2686.74	2682.14	2678.99	2676.19	2673.08	2670.15	2667.96	2665.86	2663.36	2660.54	2657.34
10.0	2603.22	2599.95	2593.72	2586.73	2581.26	2576.67	2573.31	2570.38	2567.29	2563.99	2560.16	2555.83	2550.86
12.5	2471.47	2467.44	2459.79	2451.32	2444.89	2439.63	2435.89	2432.59	2428.78	2424.56	2419.59	2414.02	2407.84
15.0	2307.37	2302.11	2292.65	2282.11	2273.49	2266.45	2262.45	2258.96	2253.61	2247.59	2241.31	2234.58	2227.33
17.5	2115.20	2108.50	2096.90	2084.10	2073.58	2065.24	2061.20	2058.02	2052.55	2046.19	2039.37	2031.68	2022.62
20.0	1850.63	1839.66	1823.01	1805.63	1792.54	1782.88	1779.12	1776.15	1768.85	1759.86	1749.97	1739.47	1729.03
22.5	1509.29	1496.05	1477.64	1458.34	1442.26	1430.44	1427.87	1426.55	1418.66	1408.65	1398.36	1387.70	1377.43
25.0	1125.18	1111.37	1091.57	1071.04	1054.71	1043.33	1042.37	1042.32	1033.07	1021.71	1012.80	1003.79	993.29
27.5	774.79	764.03	750.10	735.78	724.08	715.38	712.52	710.93	706.38	700.79	694.55	687.89	681.35
30.0	573.16	567.86	560.47	553.12	548.21	544.65	542.58	540.73	537.69	534.21	530.51	526.66	522.92
32.5	462.36	457.38	450.53	443.46	437.52	433.35	433.18	433.56	431.00	427.67	424.71	421.66	418.40
35.0	360.06	355.10	349.26	343.51	338.80	335.59	335.55	335.90	333.77	330.99	328.51	325.98	323.39
37.5	277.19	273.06	268.29	263.59	259.61	256.79	256.48	256.54	254.90	252.75	250.58	248.38	246.32
40.0	212.74	209.45	205.60	201.80	198.63	196.39	196.17	196.20	194.70	192.78	190.95	189.12	187.40
42.5	163.27	160.78	157.89	155.01	152.47	150.69	150.72	150.94	149.66	148.08	146.99	145.90	144.49
45.0	126.29	124.34	122.18	120.03	117.97	116.55	116.84	117.29	116.35	115.02	113.84	112.64	111.45
47.5	98.63	97.19	95.48	93.75	92.19	91.13	91.36	91.71	91.00	89.97	89.04	88.09	87.15
50.0	77.72	76.55	75.20	73.86	72.67	71.87	72.06	72.32	71.73	70.91	70.21	69.49	68.73
52.5	61.66	60.71	59.74	58.77	57.81	57.13	57.31	57.56	57.08	56.41	55.84	55.27	54.65
55.0	49.86	49.19	48.32	47.44	46.66	46.12	46.22	46.36	45.96	45.41	44.97	44.47	43.77
57.5	40.34	39.79	39.19	38.60	38.04	37.65	37.72	37.82	37.53	37.12	36.75	36.36	35.98
60.0	33.43	33.01	32.56	32.11	31.69	31.40	31.46	31.53	31.32	31.01	30.71	30.41	30.14
62.5	28.52	28.22	27.87	27.52	27.16	26.91	27.01	27.13	26.96	26.70	26.49	26.27	26.02
65.0	23.22	22.92	22.56	22.20	21.87	21.68	21.85	22.05	21.93	21.72	21.56	21.38	21.17
67.5	16.79	16.54	16.26	15.98	15.72	15.58	15.79	16.02	15.95	15.80	15.70	15.59	15.44
70.0	11.51	11.35	11.15	10.95	10.79	10.72	10.92	11.14	11.12	11.04	10.97	10.89	10.81
72.5	7.64	7.55	7.44	7.33	7.25	7.22	7.31	7.41	7.45	7.47	7.44	7.40	7.33
75.0	5.23	5.19	5.13	5.07	5.04	5.06	5.18	5.30	5.30	5.27	5.26	5.24	5.20
77.5	3.20	3.16	3.06	2.94	2.82	2.77	2.97	3.19	3.20	3.15	3.12	3.08	2.99
80.0	1.10	1.08	1.06	1.05	1.03	1.03	1.05	1.08	1.08	1.08	1.07	1.07	1.07
82.5	0.78	0.76	0.75	0.73	0.72	0.71	0.73	0.75	0.75	0.74	0.73	0.73	0.72
85.0	0.46	0.44	0.43	0.42	0.41	0.40	0.42	0.44	0.44	0.43	0.44	0.44	0.44
87.5	0.28	0.21	0.17	0.16	0.15	0.15	0.17	0.19	0.18	0.18	0.18	0.17	0.17
90.0	0.12	0.13	0.09	0.04	0.03	0.03	0.04	0.06	0.06	0.06	0.06	0.05	0.06
92.5	0.07	0.09	0.07	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06
95.0	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.06
97.5	0.04	0.04	0.04	0.05	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.06
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05
102.5	0.04	0.03	0.04	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.05
105.0	0.04	0.03	0.03	0.02	0.02	0.03	0.04	0.05	0.05	0.05	0.05	0.05	0.04
107.5	0.13	0.03	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.04	0.04
110.0	0.00	0.00	0.01	0.03	0.12	0.19	0.13	0.05	0.04	0.04	0.04	0.04	0.04
112.5	0.04	0.05	0.04	0.02	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.04	0.04
115.0	0.01	0.01	0.00	0.00	0.03	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04
117.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.04	0.04
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.04	0.04	0.04	0.04
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
152.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
162.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.04
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04

UNIT: cd

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Gamma\C	195.0	197.5	200.0	202.5	205.0	207.5	210.0	212.5	215.0	217.5	220.0	222.5	225.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2742.72	2741.47	2740.08	2738.66	2737.19	2735.75	2734.19	2732.35	2730.47	2728.85	2727.13	2724.97	2722.66
5.0	2717.95	2715.35	2712.51	2709.56	2706.46	2703.25	2699.84	2696.11	2692.25	2688.50	2684.57	2680.09	2675.49
7.5	2653.78	2649.94	2645.65	2640.59	2635.23	2630.02	2624.60	2618.65	2612.54	2606.66	2600.64	2594.22	2587.52
10.0	2545.49	2540.09	2534.24	2527.48	2520.39	2513.54	2506.55	2499.14	2491.49	2483.77	2475.67	2466.82	2457.65
12.5	2401.16	2394.13	2386.61	2378.47	2369.90	2361.08	2351.93	2342.39	2332.57	2322.76	2312.44	2300.93	2289.11
15.0	2219.60	2211.43	2202.76	2193.43	2183.73	2174.05	2163.98	2153.09	2141.84	2130.53	2119.10	2107.57	2095.94
17.5	2012.86	2003.20	1992.90	1981.23	1968.93	1956.37	1943.87	1932.05	1920.41	1908.91	1896.80	1883.16	1868.51
20.0	1718.32	1707.31	1695.77	1683.39	1670.40	1656.92	1642.98	1628.43	1613.84	1600.19	1586.00	1569.65	1552.52
22.5	1366.88	1355.62	1343.66	1330.86	1317.14	1302.10	1286.49	1270.82	1255.36	1241.03	1226.44	1210.00	1193.26
25.0	982.39	972.01	961.34	949.82	937.68	924.91	911.71	898.14	884.62	871.81	859.00	845.54	831.88
27.5	674.34	666.27	657.75	649.30	640.62	631.46	622.27	613.54	604.88	595.99	587.03	578.03	569.04
30.0	518.96	514.40	509.60	504.89	499.99	494.63	489.06	483.42	477.70	472.01	466.21	460.14	453.97
32.5	415.00	411.49	407.81	403.93	399.73	395.03	390.02	384.78	379.50	374.53	369.44	363.76	358.03
35.0	320.71	317.93	315.01	311.86	308.56	305.14	301.60	297.95	294.20	290.32	286.36	282.37	278.27
37.5	244.23	241.96	239.64	237.34	235.03	232.72	230.33	227.74	225.08	222.47	219.74	216.66	213.48
40.0	185.68	183.88	182.07	180.27	178.50	176.83	175.15	173.37	171.54	169.73	167.86	165.87	163.81
42.5	143.06	141.91	140.78	139.50	138.11	136.47	134.91	133.86	132.90	131.75	130.43	128.74	127.05
45.0	110.28	109.21	108.14	106.98	105.85	104.89	103.98	102.99	102.03	101.18	100.33	99.40	98.45
47.5	86.23	85.33	84.45	83.53	82.64	81.85	81.10	80.34	79.61	78.94	77.65	76.98	
50.0	67.98	67.27	66.57	65.86	65.16	64.49	63.85	63.25	62.68	62.15	61.62	61.08	60.53
52.5	54.04	53.44	52.86	52.27	51.71	51.17	50.65	50.17	49.71	49.27	48.84	48.38	47.93
55.0	43.10	42.76	42.47	42.01	41.50	41.01	40.55	40.13	39.73	39.35	38.99	38.63	38.28
57.5	35.57	35.14	34.70	34.29	33.88	33.48	33.09	32.71	32.36	32.03	31.72	31.39	31.08
60.0	29.85	29.47	29.07	28.71	28.37	28.05	27.75	27.47	27.21	26.97	26.75	26.52	26.30
62.5	25.76	25.49	25.21	24.92	24.62	24.36	24.11	23.86	23.62	23.40	23.18	22.96	22.75
65.0	20.95	20.72	20.48	20.23	19.98	19.74	19.52	19.28	19.05	18.84	18.63	18.44	18.25
67.5	15.29	15.12	14.95	14.75	14.55	14.38	14.22	14.05	13.88	13.74	13.59	13.42	13.25
70.0	10.70	10.53	10.35	10.20	10.05	9.92	9.79	9.64	9.49	9.39	9.29	9.17	9.06
72.5	7.26	7.18	7.08	6.98	6.86	6.75	6.64	6.52	6.41	6.32	6.23	6.14	6.06
75.0	5.13	5.06	4.97	4.86	4.75	4.68	4.60	4.45	4.31	4.23	4.17	4.06	3.94
77.5	2.89	2.78	2.65	2.49	2.32	2.16	2.02	1.88	1.77	1.69	1.62	1.55	1.50
80.0	1.06	1.06	1.06	1.05	1.05	1.05	1.05	1.04	1.04	1.04	1.04	1.04	1.04
82.5	0.72	0.72	0.71	0.71	0.70	0.70	0.70	0.70	0.69	0.69	0.69	0.68	0.67
85.0	0.44	0.44	0.44	0.43	0.42	0.41	0.41	0.40	0.40	0.41	0.41	0.41	0.42
87.5	0.16	0.16	0.16	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.12
90.0	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05
92.5	0.07	0.07	0.06	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05
95.0	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.05	0.05
97.5	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04
100.0	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
107.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
110.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
112.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
115.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
117.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
120.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
122.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
125.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
127.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
130.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
132.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
135.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
137.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
140.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
142.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
145.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
147.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
150.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
152.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
155.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
157.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
160.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
162.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
165.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
167.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
170.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
172.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
175.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
177.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	227.5	230.0	232.5	235.0	237.5	240.0	242.5	245.0	247.5	250.0	252.5	255.0	257.5
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2720.43	2718.19	2715.86	2713.57	2711.57	2709.46	2706.77	2704.05	2701.86	2699.77	2697.45	2695.11	2692.86
5.0	2671.12	2666.75	2662.15	2657.57	2653.28	2648.95	2644.23	2639.37	2634.50	2629.65	2624.86	2620.11	2615.41
7.5	2580.50	2573.35	2566.30	2559.27	2552.37	2545.23	2537.29	2529.32	2522.13	2515.07	2507.67	2500.23	2492.84
10.0	2448.44	2439.20	2430.16	2420.97	2411.25	2401.29	2391.15	2381.13	2371.68	2362.32	2352.58	2342.97	2334.02
12.5	2277.78	2266.51	2255.17	2243.67	2231.82	2219.81	2207.83	2195.82	2183.66	2171.70	2160.37	2149.18	2137.59
15.0	2084.26	2072.38	2060.20	2047.67	2034.56	2021.19	2007.55	1994.43	1982.99	1972.02	1960.53	1949.13	1938.21
17.5	1852.72	1836.81	1822.07	1807.68	1792.93	1778.80	1766.72	1754.57	1739.89	1725.06	1712.16	1699.55	1686.07
20.0	1535.27	1518.42	1503.02	1488.24	1473.68	1459.06	1443.64	1428.40	1414.41	1400.73	1386.64	1372.65	1358.92
22.5	1177.45	1161.98	1146.56	1131.45	1116.86	1102.58	1088.61	1074.47	1059.23	1044.21	1030.82	1017.78	1003.95
25.0	818.22	804.61	791.23	777.99	764.75	751.74	739.24	726.99	714.72	702.69	691.16	679.95	668.93
27.5	560.06	551.27	542.93	534.86	526.90	519.17	511.77	504.62	497.62	490.86	484.47	478.26	472.00
30.0	447.74	441.60	435.76	430.02	424.23	418.37	412.24	406.17	400.52	394.95	389.12	383.37	377.98
32.5	352.70	347.48	342.17	336.87	331.62	326.44	321.42	316.48	311.49	306.65	302.25	297.96	293.43
35.0	273.94	269.55	265.25	261.04	257.03	253.04	248.91	244.82	240.89	237.12	233.58	230.12	226.56
37.5	210.39	207.31	204.24	201.16	198.06	194.95	191.84	188.77	185.78	182.87	180.06	177.37	174.88
40.0	161.74	159.66	157.57	155.43	153.17	150.90	148.65	146.53	144.71	143.00	141.25	139.48	137.58
42.5	125.83	124.57	122.75	120.85	119.26	117.74	116.17	114.62	113.08	111.58	110.13	108.71	107.33
45.0	97.48	96.48	95.42	94.33	93.24	92.13	90.99	89.86	88.81	87.77	86.68	85.60	84.57
47.5	76.24	75.47	74.69	73.90	73.06	72.21	71.40	70.59	69.76	68.95	68.22	67.51	66.77
50.0	59.97	59.40	58.82	58.21	57.58	56.95	56.31	55.68	55.07	54.47	53.95	53.44	52.85
52.5	47.48	47.03	46.54	46.05	45.56	45.07	44.57	44.07	43.61	43.17	42.74	42.33	41.92
55.0	37.92	37.55	37.17	36.79	36.42	36.06	35.71	35.35	34.95	34.58	34.29	34.03	33.77
57.5	30.80	30.55	30.28	30.01	29.75	29.49	29.25	29.00	28.74	28.50	28.32	28.17	28.01
60.0	26.10	25.92	25.76	25.60	25.45	25.30	25.14	24.99	24.85	24.72	24.61	24.52	24.43
62.5	22.56	22.38	22.21	22.05	21.91	21.77	21.61	21.46	21.33	21.21	21.12	21.03	20.93
65.0	18.05	17.86	17.70	17.55	17.42	17.29	17.15	17.02	16.93	16.85	16.77	16.70	16.64
67.5	13.14	13.04	12.93	12.82	12.72	12.64	12.59	12.54	12.46	12.38	12.35	12.33	12.29
70.0	8.96	8.88	8.80	8.73	8.67	8.62	8.57	8.55	8.59	8.65	8.68	8.68	8.61
72.5	5.98	5.91	5.82	5.75	5.71	5.69	5.64	5.60	5.61	5.62	5.62	5.63	5.66
75.0	3.84	3.76	3.67	3.61	3.60	3.58	3.50	3.42	3.37	3.34	3.35	3.37	3.41
77.5	1.45	1.43	1.41	1.40	1.40	1.39	1.39	1.39	1.38	1.38	1.38	1.37	1.37
80.0	1.03	1.03	1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00
82.5	0.67	0.67	0.67	0.66	0.66	0.66	0.65	0.65	0.64	0.64	0.64	0.63	0.63
85.0	0.43	0.44	0.45	0.46	0.48	0.50	0.52	0.53	0.53	0.52	0.48	0.44	0.42
87.5	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.06
90.0	0.05	0.05	0.05	0.05	0.06	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.05
92.5	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05
95.0	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
97.5	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
107.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
110.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
112.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
115.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
117.5	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.03
120.0	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
122.5	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
152.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04
155.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
157.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03
160.0	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	260.0	262.5	265.0	267.5	270.0	272.5	275.0	277.5	280.0	282.5	285.0	287.5	290.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2690.65	2688.48	2686.30	2684.03	2681.79	2679.64	2677.68	2676.08	2674.66	2673.29	2672.00	2670.76	2669.57
5.0	2610.76	2606.12	2601.64	2597.51	2593.47	2589.13	2585.02	2581.71	2578.72	2575.64	2572.78	2570.47	2568.30
7.5	2485.73	2479.36	2473.06	2466.02	2459.08	2452.79	2447.10	2442.28	2437.98	2433.91	2430.17	2426.85	2423.67
10.0	2325.21	2315.99	2306.98	2298.79	2290.84	2282.40	2274.55	2268.34	2263.08	2258.60	2254.34	2249.41	2244.53
12.5	2126.20	2115.50	2105.34	2095.89	2086.76	2077.23	2068.41	2061.49	2055.44	2049.44	2043.95	2039.32	2035.03
15.0	1927.49	1916.84	1906.23	1895.40	1884.83	1874.67	1865.67	1859.06	1853.53	1848.00	1842.93	1838.39	1834.36
17.5	1672.48	1658.96	1646.06	1634.60	1624.00	1613.81	1604.49	1596.31	1589.43	1584.54	1580.37	1575.66	1570.98
20.0	1345.81	1334.08	1322.66	1310.58	1298.30	1285.37	1273.57	1264.98	1258.20	1252.73	1247.94	1242.75	1237.92
22.5	990.36	978.02	965.87	952.82	940.04	928.21	917.60	908.82	901.55	896.06	891.17	885.40	879.84
25.0	658.21	647.89	637.89	628.15	618.77	609.67	601.34	594.28	588.26	583.49	579.18	574.35	569.81
27.5	466.01	460.63	455.53	450.51	445.61	440.62	435.97	432.08	428.69	425.69	422.97	420.35	417.91
30.0	372.75	367.48	362.39	357.66	353.21	348.99	345.09	341.56	338.42	335.79	333.43	331.08	328.91
32.5	288.97	284.77	280.76	276.96	273.34	269.81	266.57	263.84	261.48	259.44	257.67	256.11	254.77
35.0	223.09	219.86	216.81	213.91	211.17	208.62	206.30	204.25	202.48	201.04	199.81	198.61	197.54
37.5	172.47	170.06	167.74	165.56	163.53	161.64	159.95	158.49	157.26	156.28	155.44	154.58	153.86
40.0	135.71	134.02	132.43	130.89	129.38	127.78	126.32	125.26	124.41	123.73	123.15	122.62	122.08
42.5	106.00	104.77	103.59	102.41	101.31	100.33	99.47	98.71	98.09	97.64	97.29	96.95	96.68
45.0	83.60	82.73	81.92	81.12	80.37	79.69	79.10	78.64	78.26	77.95	77.72	77.51	77.37
47.5	66.06	65.44	64.87	64.35	63.86	63.38	62.96	62.63	62.38	62.21	62.10	62.06	62.04
50.0	52.29	51.84	51.44	51.06	50.71	50.39	50.12	49.90	49.75	49.71	49.70	49.63	49.60
52.5	41.54	41.22	40.94	40.65	40.39	40.16	39.97	39.84	39.76	39.71	39.70	39.71	39.75
55.0	33.52	33.27	33.03	32.80	32.60	32.47	32.38	32.29	32.23	32.20	32.19	32.21	32.24
57.5	27.85	27.69	27.55	27.47	27.40	27.27	27.16	27.12	27.11	27.11	27.12	27.14	27.17
60.0	24.36	24.29	24.22	24.11	24.01	23.93	23.89	23.87	23.87	23.89	23.91	23.94	23.98
62.5	20.85	20.80	20.74	20.64	20.54	20.47	20.41	20.37	20.36	20.36	20.37	20.38	20.39
65.0	16.60	16.55	16.49	16.42	16.35	16.27	16.20	16.16	16.14	16.12	16.12	16.12	16.14
67.5	12.26	12.25	12.24	12.21	12.16	12.11	12.05	12.00	11.95	11.92	11.91	11.89	11.89
70.0	8.54	8.52	8.51	8.47	8.41	8.34	8.28	8.22	8.16	8.11	8.07	8.06	8.06
72.5	5.67	5.66	5.63	5.58	5.52	5.44	5.36	5.28	5.22	5.16	5.10	5.06	5.04
75.0	3.43	3.44	3.43	3.39	3.33	3.25	3.16	3.06	2.96	2.87	2.79	2.73	2.69
77.5	1.37	1.37	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37
80.0	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.98	0.98	0.98	0.99	0.99	0.99
82.5	0.62	0.62	0.61	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.61	0.61	0.60
85.0	0.40	0.37	0.36	0.35	0.36	0.39	0.44	0.47	0.49	0.46	0.42	0.38	0.33
87.5	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.05
90.0	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.06	0.05
92.5	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.07	0.06	0.05
95.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.05	0.06	0.05	0.04
97.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
107.5	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
110.0	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
112.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
115.0	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
117.5	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	292.5	295.0	297.5	300.0	302.5	305.0	307.5	310.0	312.5	315.0	317.5	320.0	322.5
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2668.39	2667.33	2666.62	2665.95	2665.04	2664.10	2663.30	2662.58	2661.89	2661.30	2660.92	2660.53	2659.86
5.0	2565.85	2563.52	2561.68	2560.05	2558.41	2556.96	2555.08	2553.94	2553.03	2552.99	2553.04	2552.36	
7.5	2420.26	2416.92	2413.78	2410.93	2408.58	2406.52	2404.68	2402.91	2400.81	2399.10	2398.78	2398.67	2397.70
10.0	2240.12	2236.17	2232.97	2230.04	2226.80	2223.90	2222.00	2220.46	2218.70	2217.13	2215.99	2215.17	2214.79
12.5	2030.53	2026.30	2022.83	2019.60	2015.99	2012.88	2011.22	2010.11	2008.77	2007.79	2007.76	2007.93	2007.54
15.0	1830.90	1827.85	1825.06	1822.61	1820.56	1818.92	1817.79	1817.00	1816.38	1816.13	1816.57	1817.14	1817.27
17.5	1566.28	1562.19	1559.73	1557.73	1554.96	1552.54	1551.47	1550.95	1550.36	1550.21	1551.02	1552.11	1553.03
20.0	1233.97	1230.49	1227.11	1224.22	1222.20	1220.66	1219.24	1218.20	1217.66	1217.73	1218.83	1220.20	1221.11
22.5	875.19	871.13	867.69	864.59	861.29	858.70	857.90	857.91	857.84	858.43	860.60	863.00	864.42
25.0	566.20	563.08	560.04	557.60	556.46	555.70	554.44	553.33	552.72	552.67	553.59	554.89	556.22
27.5	415.62	413.54	411.69	410.12	408.94	408.01	407.19	406.64	406.51	406.62	406.77	407.07	407.61
30.0	327.00	325.35	324.02	322.95	322.06	321.42	321.08	320.95	320.95	321.11	321.43	321.90	322.57
32.5	253.63	252.62	251.59	250.75	250.40	250.23	249.92	249.75	249.95	250.35	250.91	251.52	252.00
35.0	196.60	195.84	195.30	194.93	194.69	194.59	194.65	194.81	195.00	195.30	195.79	196.40	197.07
37.5	153.38	153.03	152.72	152.49	152.35	152.30	152.34	152.50	152.84	153.30	153.90	154.53	155.03
40.0	121.35	120.74	120.53	120.51	120.57	120.71	120.82	121.12	121.91	122.77	123.28	123.73	124.31
42.5	96.51	96.41	96.38	96.41	96.53	96.72	96.98	97.30	97.64	98.03	98.46	98.94	99.50
45.0	77.34	77.36	77.39	77.46	77.61	77.81	78.03	78.30	78.63	79.03	79.48	79.97	80.48
47.5	62.01	62.02	62.17	62.35	62.44	62.54	62.76	63.03	63.35	63.71	64.13	64.57	64.98
50.0	49.65	49.74	49.84	49.97	50.13	50.31	50.50	50.72	51.00	51.31	51.63	51.97	52.35
52.5	39.81	39.89	39.97	40.08	40.24	40.42	40.59	40.76	40.98	41.23	41.53	41.84	42.15
55.0	32.28	32.34	32.43	32.53	32.64	32.77	32.93	33.11	33.30	33.51	33.74	33.98	34.24
57.5	27.22	27.27	27.34	27.42	27.52	27.64	27.78	27.93	28.09	28.25	28.44	28.63	28.81
60.0	24.03	24.08	24.15	24.22	24.31	24.42	24.54	24.66	24.79	24.92	25.07	25.22	25.38
62.5	20.42	20.47	20.52	20.59	20.66	20.75	20.85	20.96	21.06	21.17	21.30	21.43	21.54
65.0	16.15	16.18	16.23	16.29	16.34	16.40	16.48	16.56	16.64	16.72	16.80	16.88	16.95
67.5	11.90	11.92	11.95	11.99	12.02	12.06	12.11	12.16	12.21	12.27	12.35	12.43	12.49
70.0	8.06	8.07	8.08	8.09	8.10	8.13	8.16	8.20	8.24	8.27	8.31	8.34	8.37
72.5	5.04	5.04	5.06	5.08	5.08	5.10	5.13	5.16	5.18	5.19	5.21	5.23	5.24
75.0	2.67	2.66	2.65	2.64	2.65	2.67	2.69	2.71	2.74	2.76	2.78	2.80	2.82
77.5	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37
80.0	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.98
82.5	0.60	0.60	0.59	0.59	0.59	0.59	0.58	0.58	0.59	0.59	0.59	0.60	0.60
85.0	0.30	0.28	0.27	0.27	0.26	0.25	0.25	0.25	0.26	0.28	0.31	0.33	
87.5	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05
90.0	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05
92.5	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05
95.0	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
97.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
105.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
107.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
110.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
112.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
115.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
117.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	325.0	327.5	330.0	332.5	335.0	337.5	340.0	342.5	345.0	347.5	350.0	352.5	355.0
0.0	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58	2725.58
2.5	2659.23	2659.04	2658.81	2658.10	2657.15	2655.84	2654.83	2654.85	2655.50	2656.79	2658.22	2658.82	2660.00
5.0	2551.61	2551.40	2551.02	2549.87	2548.20	2545.63	2543.52	2543.24	2544.46	2547.83	2551.72	2554.01	2556.81
7.5	2396.57	2395.68	2394.84	2394.29	2393.11	2389.48	2386.29	2386.16	2388.16	2392.90	2398.34	2401.56	2405.82
10.0	2214.40	2213.51	2212.41	2211.48	2209.98	2206.41	2203.38	2203.05	2205.22	2211.39	2218.68	2223.58	2229.54
12.5	2007.29	2007.95	2008.45	2007.97	2006.58	2003.13	2000.45	2001.22	2004.74	2012.08	2020.55	2026.65	2034.01
15.0	1817.37	1817.77	1818.22	1818.92	1818.90	1816.34	1814.04	1814.04	1816.74	1824.34	1833.41	1839.95	1847.90
17.5	1553.70	1553.89	1553.60	1553.08	1551.34	1545.99	1541.50	1541.72	1546.16	1557.21	1569.98	1578.11	1588.46
20.0	1221.84	1222.57	1222.78	1222.37	1220.29	1213.64	1207.86	1207.76	1212.32	1223.75	1237.20	1245.84	1257.87
22.5	865.36	866.04	866.15	865.94	864.00	857.23	851.00	849.54	853.08	865.40	880.00	888.37	900.38
25.0	557.32	557.70	557.70	558.00	557.06	552.12	547.55	546.88	549.88	559.00	569.75	576.02	585.23
27.5	408.18	408.57	408.92	409.50	409.76	408.74	407.99	408.75	410.91	415.21	420.18	423.30	428.40
30.0	323.28	323.92	324.44	324.83	324.84	323.80	323.01	323.55	325.33	329.08	333.44	336.59	340.74
32.5	252.51	253.19	253.84	254.38	254.59	253.85	253.26	253.70	255.13	258.18	261.77	264.44	267.96
35.0	197.75	198.36	198.90	199.37	199.66	199.40	199.27	199.73	200.96	203.58	206.63	208.85	211.71
37.5	155.55	156.25	156.95	157.54	157.94	157.85	157.84	158.42	159.57	161.62	164.00	165.94	168.45
40.0	124.93	125.60	126.19	126.55	126.79	126.86	127.11	127.94	129.15	130.67	132.45	134.32	136.55
42.5	100.08	100.66	101.23	101.82	102.30	102.44	102.61	103.07	103.89	105.34	107.02	108.41	110.11
45.0	80.98	81.45	81.92	82.41	82.83	82.99	83.17	83.59	84.28	85.47	86.84	87.99	89.40
47.5	65.39	65.81	66.23	66.67	67.06	67.24	67.44	67.77	68.32	69.26	70.36	71.30	72.47
50.0	52.73	53.09	53.43	53.79	54.10	54.23	54.36	54.65	55.11	55.89	56.80	57.56	58.51
52.5	42.46	42.74	43.02	43.32	43.58	43.72	43.86	44.09	44.44	45.06	45.77	46.35	47.12
55.0	34.50	34.75	35.00	35.23	35.44	35.55	35.66	35.81	36.08	36.58	37.17	37.62	38.21
57.5	29.01	29.23	29.46	29.67	29.86	29.99	30.13	30.29	30.51	30.87	31.27	31.59	32.00
60.0	25.54	25.71	25.88	26.03	26.15	26.24	26.33	26.41	26.56	26.86	27.21	27.45	27.77
62.5	21.66	21.79	21.92	22.07	22.15	22.02	21.90	21.98	22.16	22.43	22.71	22.89	23.15
65.0	17.03	17.12	17.20	17.24	17.25	17.21	17.17	17.13	17.15	17.32	17.53	17.65	17.86
67.5	12.53	12.57	12.60	12.66	12.69	12.62	12.53	12.46	12.44	12.56	12.73	12.81	12.96
70.0	8.39	8.40	8.42	8.53	8.60	8.50	8.37	8.30	8.28	8.38	8.50	8.56	8.68
72.5	5.26	5.27	5.30	5.40	5.47	5.40	5.30	5.24	5.23	5.32	5.44	5.50	5.61
75.0	2.84	2.86	2.88	2.90	2.90	2.86	2.81	2.75	2.72	2.81	2.93	3.00	3.11
77.5	1.37	1.37	1.37	1.37	1.36	1.34	1.33	1.31	1.30	1.30	1.30	1.30	1.31
80.0	0.98	0.98	0.98	0.98	0.97	0.96	0.94	0.93	0.92	0.93	0.94	0.94	0.95
82.5	0.60	0.61	0.61	0.60	0.59	0.58	0.57	0.55	0.54	0.54	0.55	0.54	0.55
85.0	0.36	0.41	0.46	0.47	0.44	0.36	0.26	0.22	0.20	0.21	0.23	0.23	0.26
87.5	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04
90.0	0.05	0.06	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06
92.5	0.05	0.06	0.07	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.05	0.05
95.0	0.04	0.05	0.06	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05
97.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
100.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
102.5	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
105.0	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
107.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.01	0.03
110.0	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03
112.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
115.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
117.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
120.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
122.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
127.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
130.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
132.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
137.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
140.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
142.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
147.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
150.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
152.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
155.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
157.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
160.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
162.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
165.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
167.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
170.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
172.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
175.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
177.5	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
180.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

UNIT: cd

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Gamma\c	357.5	I min	I max	I mean
0.0	2725.58	2725.58	2725.58	2725.58
2.5	2662.99	2654.83	2753.81	2704.73
5.0	2561.72	2543.24	2742.86	2643.14
7.5	2413.79	2386.16	2692.86	2540.78
10.0	2239.23	2203.05	2603.84	2403.37
12.5	2045.49	2000.45	2472.46	2233.59
15.0	1860.27	1814.04	2309.01	2050.99
17.5	1606.48	1541.50	2117.74	1827.93
20.0	1280.08	1207.76	1856.50	1529.41
22.5	924.08	849.54	1516.82	1180.74
25.0	603.57	546.88	1133.19	829.46
27.5	438.93	406.51	781.15	577.46
30.0	347.75	320.95	579.55	446.20
32.5	273.78	249.75	471.13	354.02
35.0	216.42	194.59	368.49	276.90
37.5	172.39	152.30	287.93	216.62
40.0	139.38	120.51	225.44	170.70
42.5	112.61	96.38	177.64	135.11
45.0	91.45	77.34	141.08	107.34
47.5	74.19	62.01	112.83	85.56
50.0	59.94	49.60	90.63	68.34
52.5	48.34	39.70	72.86	54.68
55.0	39.14	32.19	58.75	44.11
57.5	32.66	27.11	47.95	36.22
60.0	28.32	23.87	39.49	30.64
62.5	23.68	20.36	33.56	26.06
65.0	18.34	16.12	27.19	20.76
67.5	13.33	11.89	20.03	15.12
70.0	9.02	8.06	13.56	10.29
72.5	5.86	5.04	8.72	6.71
75.0	3.33	2.64	5.64	4.19
77.5	1.35	1.30	3.43	2.05
80.0	0.98	0.92	1.21	1.06
82.5	0.59	0.54	0.87	0.70
85.0	0.34	0.20	0.59	0.44
87.5	0.16	0.02	0.46	0.15
90.0	0.06	0.01	0.13	0.06
92.5	0.09	0.04	0.15	0.06
95.0	0.03	0.01	0.13	0.05
97.5	0.05	0.00	0.09	0.05
100.0	0.04	0.03	0.11	0.04
102.5	0.04	0.03	0.06	0.04
105.0	0.03	0.02	0.05	0.04
107.5	0.15	0.01	0.35	0.06
110.0	0.09	0.00	0.38	0.06
112.5	0.02	0.00	0.39	0.08
115.0	0.03	0.00	0.18	0.03
117.5	0.03	0.02	0.05	0.03
120.0	0.03	0.02	0.05	0.03
122.5	0.03	0.03	0.04	0.03
125.0	0.03	0.03	0.04	0.03
127.5	0.03	0.03	0.04	0.03
130.0	0.03	0.03	0.04	0.03
132.5	0.03	0.03	0.04	0.03
135.0	0.03	0.03	0.04	0.03
137.5	0.03	0.03	0.04	0.03
140.0	0.03	0.03	0.04	0.03
142.5	0.03	0.03	0.04	0.03
145.0	0.03	0.03	0.04	0.03
147.5	0.03	0.03	0.04	0.03
150.0	0.03	0.03	0.04	0.03
152.5	0.03	0.03	0.05	0.03
155.0	0.04	0.03	0.04	0.03
157.5	0.03	0.03	0.04	0.03
160.0	0.03	0.03	0.04	0.03
162.5	0.03	0.03	0.04	0.03
165.0	0.03	0.03	0.04	0.03
167.5	0.03	0.03	0.04	0.03
170.0	0.03	0.03	0.04	0.03
172.5	0.03	0.03	0.04	0.03
175.0	0.03	0.03	0.05	0.03
177.5	0.03	0.03	0.04	0.03
180.0	0.03	0.03	0.03	0.03

UNIT: cd

- End of Report -

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