

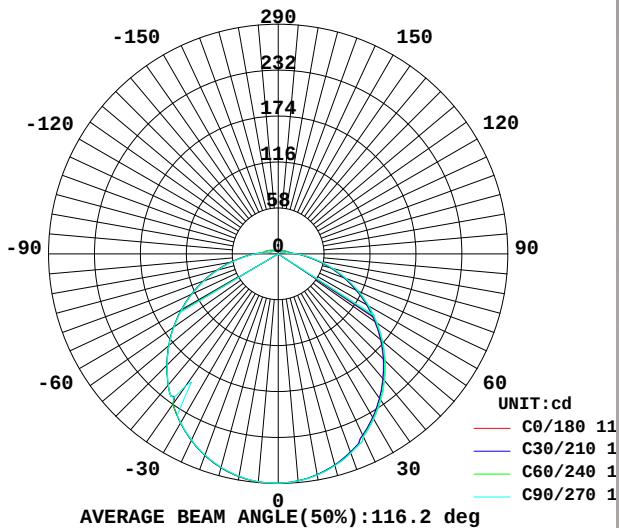
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Baulamp Tablet 12W 4200K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3925	DIMENSION: 160x160x40	SERIAL No.:

DATA OF LAMP		Imax(cd)	290.3	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	948.9	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	83.6	Current(A)	0.095
NOMINAL FLUX(lm)	948.9	η up(%)	5.9	Power(W)	11.35
LAMPS QUANTITY	1	η down(%)	94.1	Power Factor(PF)	0.539
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	948.9	EEI	0.154

LUMINOUS INTENSITY DISTRIBUTION



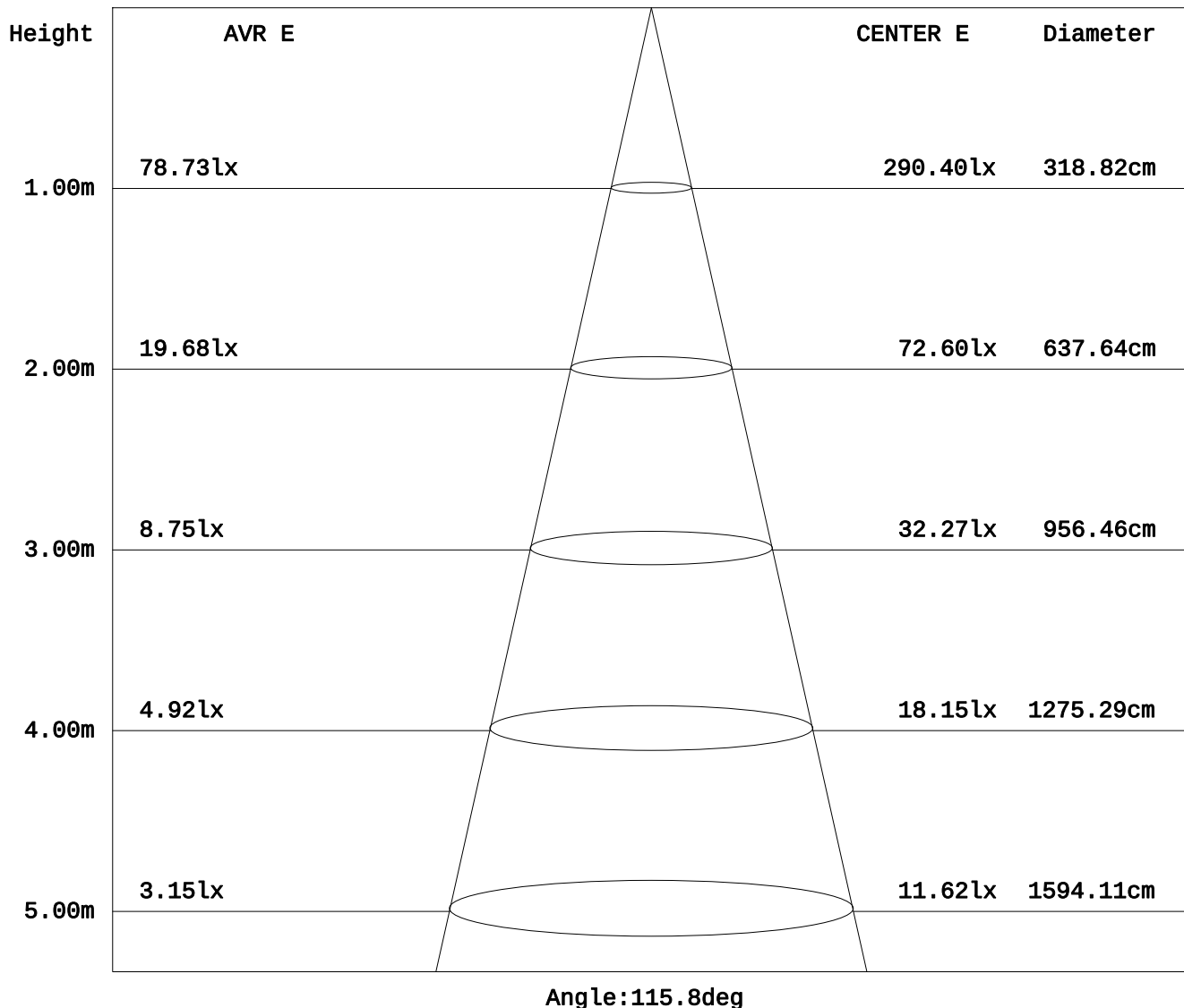
Temperature: 25.3°C
 Operators:
 Test Date: 10-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 84Ra. 0.2% Flickering. Temp 46.2C.

AVERAGE AND CENTER E Figure

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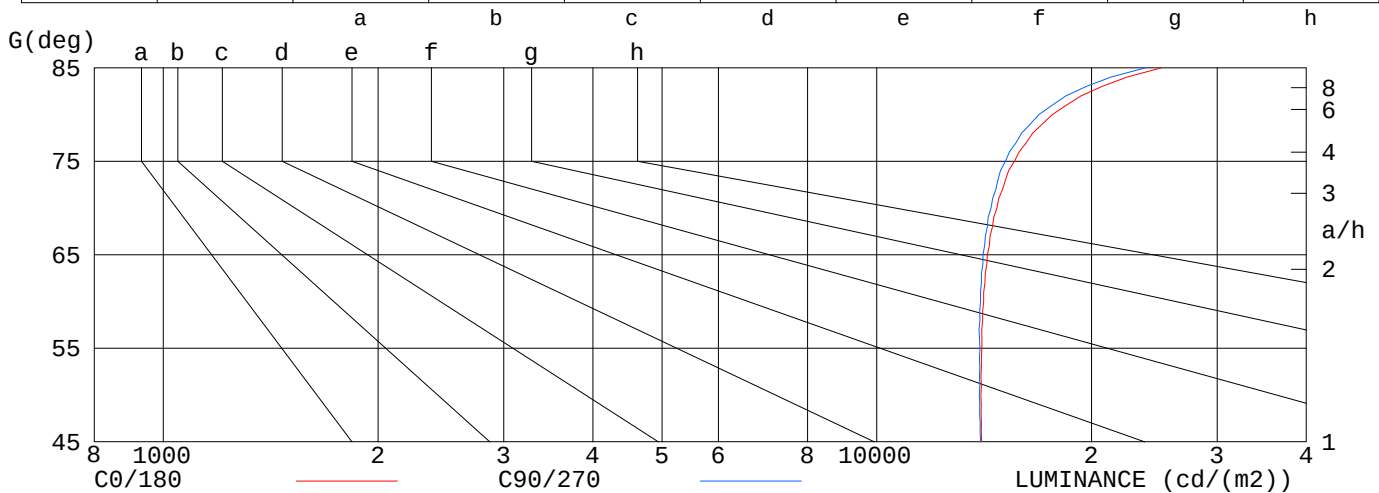
LUMINANCE LIMITATION CURVES

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NAME: BauLamp Tablet 12W 4200K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3925	DIMENSION: 160x160x40	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	25060	23804
80	17620	16875
75	15589	15147
70	14735	14459
65	14291	14091
60	14119	13980
55	14043	13956
50	13994	13924
45	14030	13980

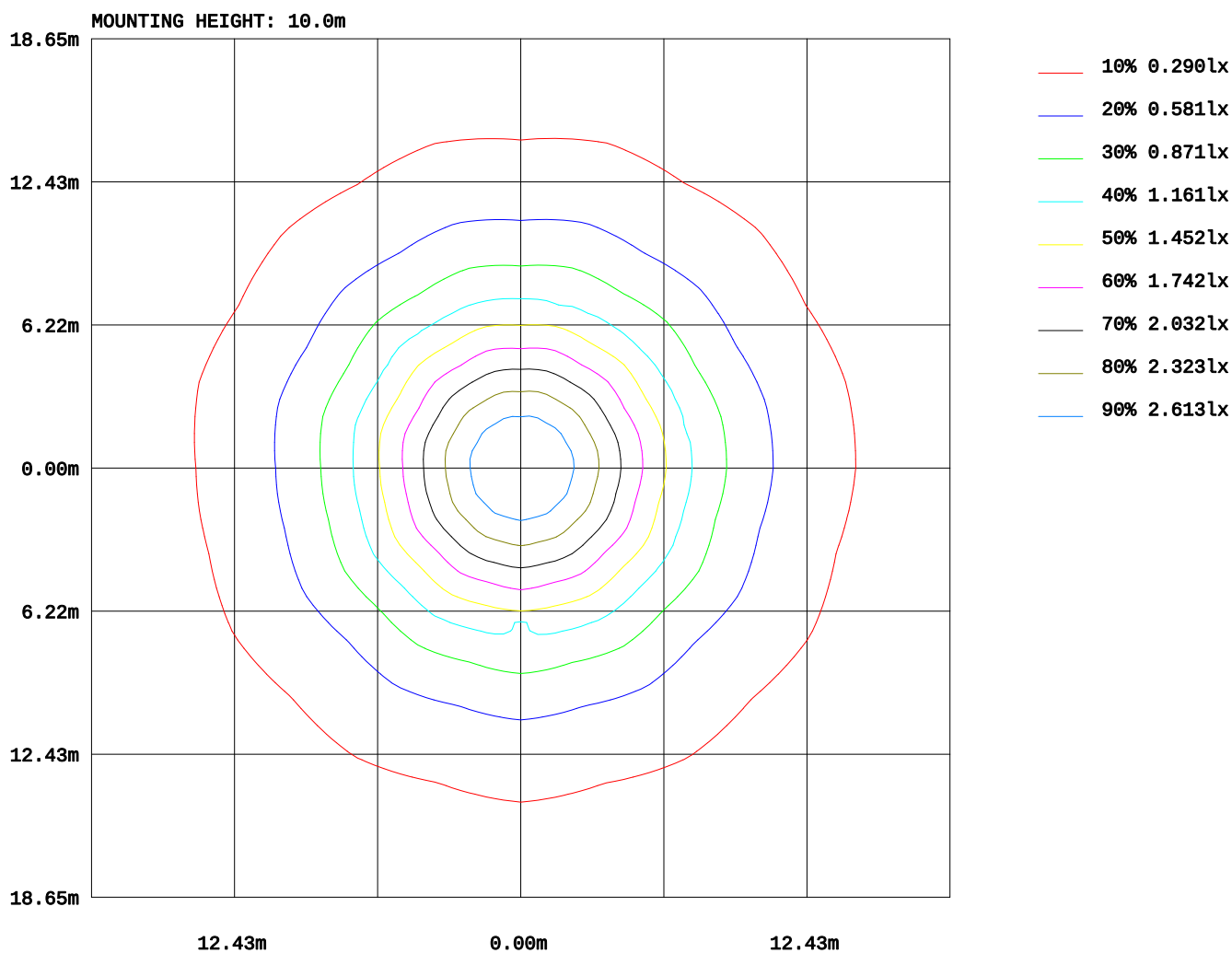
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ISOLUX DIAGRAM

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UGR Table

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Address:			
NAME: Baulamp Tablet 12W 4200K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3925	DIMENSION: 160x160x40	SERIAL No.:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.5	23.0	21.9	23.3	23.7	21.5	23.0	21.9	23.3	23.6
3H	23.3	24.7	23.7	25.0	25.4	23.3	24.7	23.7	25.0	25.4
4H	24.2	25.5	24.6	25.9	26.3	24.1	25.4	24.5	25.8	26.2
6H	25.1	26.3	25.5	26.7	27.1	24.9	26.2	25.4	26.6	27.0
8H	25.5	26.7	25.9	27.1	27.5	25.3	26.5	25.8	26.9	27.3
12H	25.9	27.1	26.4	27.5	27.9	25.8	26.9	26.2	27.3	27.8
4H 2H	22.2	23.5	22.6	23.9	24.2	22.2	23.5	22.6	23.8	24.2
3H	24.2	25.4	24.7	25.8	26.2	24.2	25.3	24.6	25.7	26.2
4H	25.2	26.3	25.7	26.7	27.2	25.2	26.2	25.6	26.7	27.1
6H	26.2	27.1	26.7	27.6	28.1	26.1	27.0	26.6	27.5	28.0
8H	26.7	27.6	27.2	28.0	28.6	26.6	27.4	27.1	27.9	28.4
12H	27.2	28.0	27.7	28.5	29.1	27.1	27.9	27.6	28.4	28.9
8H 4H	25.6	26.5	26.1	27.0	27.5	25.6	26.4	26.1	26.9	27.4
6H	26.8	27.6	27.4	28.1	28.6	26.7	27.5	27.3	28.0	28.5
8H	27.5	28.1	28.0	28.7	29.2	27.3	28.0	27.9	28.5	29.1
12H	28.1	28.7	28.7	29.3	29.9	28.0	28.6	28.6	29.1	29.7
12H 4H	25.7	26.5	26.2	27.0	27.5	25.6	26.4	26.1	26.9	27.5
6H	27.0	27.6	27.5	28.2	28.7	26.9	27.5	27.4	28.1	28.6
8H	27.7	28.3	28.3	28.8	29.4	27.6	28.1	28.1	28.7	29.3

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.1 / - 0.2	+ 0.1 / - 0.2
2.0H	+ 0.1 / - 0.3	+ 0.1 / - 0.3

CIE Pub.117 Corrected 948.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.2)

Temperature:25.3'C
Operators:
Test Date:10-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra. 0.2% Flickering. Temp 46.2C.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Bau lamp Tablet 12W 4200K 75Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3925	DIMENSION: 160x160x40	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	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
5.0	290	289	289	289	289	288	289	288	289	288	289	288	288	289	288
10.0	286	285	286	284	286	284	285	284	285	283	285	283	284	285	283
15.0	280	278	280	277	280	277	279	277	279	276	278	276	277	279	276
20.0	271	268	271	268	271	268	271	268	270	266	269	266	267	270	267
25.0	260	255	260	255	260	255	259	254	258	253	257	252	253	258	253
30.0	247	241	247	241	247	240	246	240	245	238	244	237	239	245	239
35.0	232	225	232	225	232	225	204	224	220	222	224	221	223	222	223
40.0	217	208	217	208	217	208	216	207	215	205	213	204	206	214	206
45.0	199	190	199	190	199	189	199	188	197	187	196	186	188	197	188
50.0	181	171	181	171	181	171	180	170	179	168	177	167	169	179	170
55.0	162	151	162	151	161	150	161	150	160	148	158	147	149	159	150
60.0	142	131	141	131	141	130	141	129	139	128	138	127	129	140	130
65.0	121	110	121	110	120	110	120	109	118	107	117	106	109	119	109
70.0	101	89.9	101	89.4	100	88.8	99.4	87.8	98.0	86.5	96.8	85.7	88.3	98.5	88.8
75.0	81.0	70.5	80.0	69.8	79.4	69.0	78.7	68.0	77.5	67.0	76.3	66.3	68.5	78.6	68.9
80.0	61.5	51.5	60.2	50.7	59.5	50.0	58.8	49.0	57.7	48.1	56.8	47.7	50.1	59.2	50.5
85.0	43.9	35.1	42.8	34.4	42.2	33.7	41.7	33.1	40.7	32.5	40.0	32.3	34.2	41.9	34.5
90.0	28.6	20.7	29.6	23.4	29.4	21.7	28.7	21.1	28.4	22.4	28.2	20.2	22.4	29.6	23.6
95.0	13.7	11.1	20.2	17.6	20.7	11.4	14.1	10.9	20.0	17.2	19.5	10.4	10.0	16.6	16.3
100.0	11.9	9.70	17.0	14.7	17.4	10.0	11.7	9.50	17.0	14.5	16.5	9.09	8.80	13.3	13.7
105.0	9.50	8.60	14.8	12.3	15.0	8.70	9.70	8.40	14.8	12.2	14.4	8.10	7.50	12.0	12.0
110.0	8.40	7.60	12.8	10.4	12.8	7.60	8.50	7.40	12.8	10.4	12.6	7.00	6.70	10.5	10.4
115.0	7.60	6.70	10.9	8.90	10.9	6.60	7.50	6.60	10.9	8.80	10.8	6.20	6.00	9.30	8.70
120.0	6.70	5.90	9.40	7.60	9.30	5.60	6.70	5.70	9.30	7.40	9.20	5.40	5.30	8.20	7.40
125.0	5.80	5.00	8.00	6.40	7.80	4.70	5.80	4.90	7.90	6.20	7.70	4.60	4.60	7.00	6.10
130.0	5.40	4.10	6.70	5.20	6.60	4.00	5.20	4.10	6.60	5.10	6.30	3.90	4.30	6.00	4.90
135.0	5.20	3.50	5.50	4.00	5.50	3.60	5.00	3.70	5.50	3.90	5.30	3.60	4.20	5.30	4.10
140.0	5.20	3.70	4.80	3.50	4.80	3.60	5.00	3.60	4.90	3.60	4.80	3.60	4.40	5.10	3.80
145.0	5.20	3.90	4.80	3.60	4.70	3.80	5.00	3.80	4.90	3.70	4.80	3.80	4.50	5.10	3.90
150.0	5.30	4.00	4.80	3.70	4.70	3.90	5.00	3.90	4.80	3.70	4.80	4.00	4.60	5.10	3.90
155.0	5.20	4.00	4.70	3.90	4.70	4.00	5.00	4.00	4.90	3.90	4.80	4.10	4.70	5.10	4.10
160.0	5.10	4.10	4.80	4.00	4.80	4.00	4.90	4.00	4.80	4.00	4.80	4.10	4.70	5.10	4.20
165.0	4.90	4.10	4.70	4.00	4.70	4.00	4.70	4.00	4.70	4.00	4.70	4.00	4.60	5.00	4.10
170.0	4.70	4.00	4.60	4.00	4.50	3.80	4.50	3.90	4.50	3.80	4.50	3.90	4.40	4.70	4.00
175.0	4.50	3.90	4.30	3.80	4.30	3.80	4.40	3.80	4.30	3.80	4.30	3.80	4.40	4.40	3.80
180.0	4.40	4.00	4.30	3.90	4.30	3.90	4.30	3.90	4.30	3.90	4.20	3.90	4.60	4.30	4.00

Temperature: 25.3°C
Operators:
Test Date: 10-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 84Ra. 0.2% Flickering. Temp 46.2C.

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 3925	DIMENSION: 160x160x40	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	290	290	290	290	290	290	290	290	290
5.0	289	288	289	289	290	289	290	289	290
10.0	285	284	286	284	286	285	286	285	286
15.0	279	277	280	277	280	278	280	278	280
20.0	270	268	271	269	272	269	272	269	272
25.0	259	254	260	255	261	261	261	256	261
30.0	246	241	247	242	248	242	248	242	248
35.0	210	225	230	226	227	227	227	227	228
40.0	216	208	217	209	218	210	218	210	218
45.0	199	190	201	191	201	192	201	192	201
50.0	180	172	182	173	183	173	183	173	182
55.0	161	152	163	153	163	153	163	153	163
60.0	141	131	143	133	144	133	144	133	144
65.0	121	111	123	112	123	113	124	113	123
70.0	100	90.5	102	91.9	103	92.4	103	92.4	103
75.0	80.0	70.5	81.8	71.9	82.7	72.3	82.9	72.3	82.9
80.0	60.2	52.0	62.0	53.2	63.0	53.7	63.0	53.7	63.3
85.0	42.7	35.6	44.2	36.5	45.0	36.8	44.9	37.0	45.1
90.0	30.3	24.0	31.0	23.9	31.5	24.6	31.5	24.6	30.8
95.0	22.6	15.9	17.8	11.1	17.9	16.0	23.1	16.4	16.5
100.0	18.9	13.3	13.0	8.60	12.8	13.0	18.9	13.7	13.5
105.0	16.1	11.5	11.8	7.30	11.5	11.4	16.1	11.9	12.1
110.0	13.7	10.1	10.4	6.60	10.2	9.90	13.7	10.3	10.5
115.0	11.9	8.60	9.20	5.80	8.90	8.50	11.8	8.60	9.40
120.0	10.2	7.30	8.10	5.10	7.90	7.20	10.1	7.40	8.29
125.0	8.70	6.10	7.10	4.50	6.90	6.10	8.70	6.20	7.20
130.0	7.20	5.00	6.20	4.10	6.10	5.00	7.30	5.00	6.10
135.0	6.00	4.20	5.40	4.00	5.40	4.20	6.10	4.10	5.30
140.0	5.10	3.80	5.00	4.10	5.20	3.80	5.00	3.70	5.00
145.0	5.00	3.90	5.10	4.20	5.20	3.90	4.90	3.80	5.00
150.0	5.00	4.00	5.10	4.30	5.20	3.90	4.90	3.80	4.90
155.0	5.00	4.10	5.10	4.30	5.10	4.10	4.90	4.00	4.90
160.0	5.00	4.10	5.00	4.30	5.10	4.10	4.90	4.10	4.80
165.0	4.90	4.10	4.80	4.20	4.90	4.00	4.80	4.10	4.80
170.0	4.70	4.00	4.60	3.90	4.60	3.90	4.60	3.90	4.50
175.0	4.40	3.80	4.40	3.90	4.40	3.80	4.40	3.80	4.30
180.0	4.30	3.90	4.30	4.00	4.30	3.90	4.20	3.90	4.30

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