

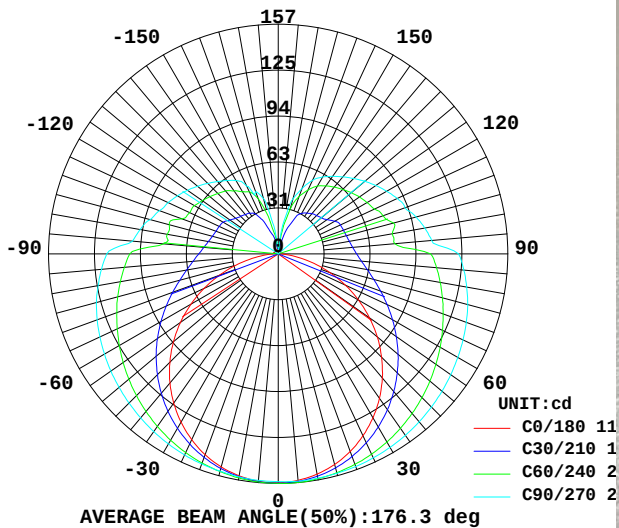
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Geniled T8 10W 4000K 1000lm 600mm PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28	SERIAL No.:

DATA OF LAMP		Imax(cd)	156.8	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.46
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	996.7	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	94.6	Current(A)	0.084
NOMINAL FLUX(lm)	996.7	η up(%)	31.2	Power(W)	10.54
LAMPS QUANTITY	1	η down(%)	68.8	Power Factor(PF)	0.568
TEST VOLTAGE(V)	220.4	Effective Flux(lm)	996.7	EEI	0.138

LUMINOUS INTENSITY DISTRIBUTION



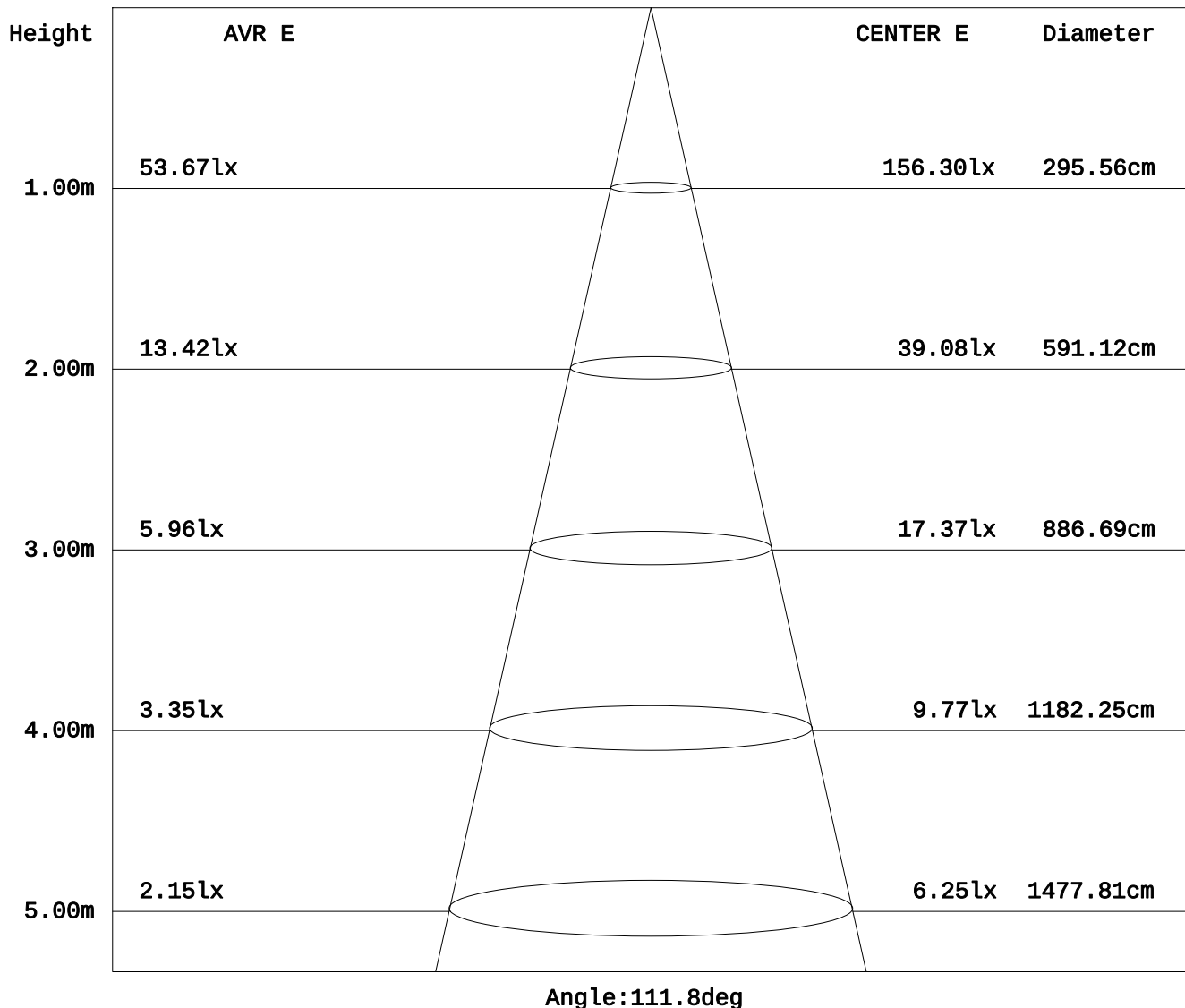
Temperature: 25.3°C
Operators:
Test Date: 27-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 86Ra. 0,2% Flickering. Temp 37.5C.

AVERAGE AND CENTER E Figure

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MANUFACTURER:			
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NAME: Geniled T8 10W 4000K 1000lm 600mm PS		TYPE:	WEIGHT:
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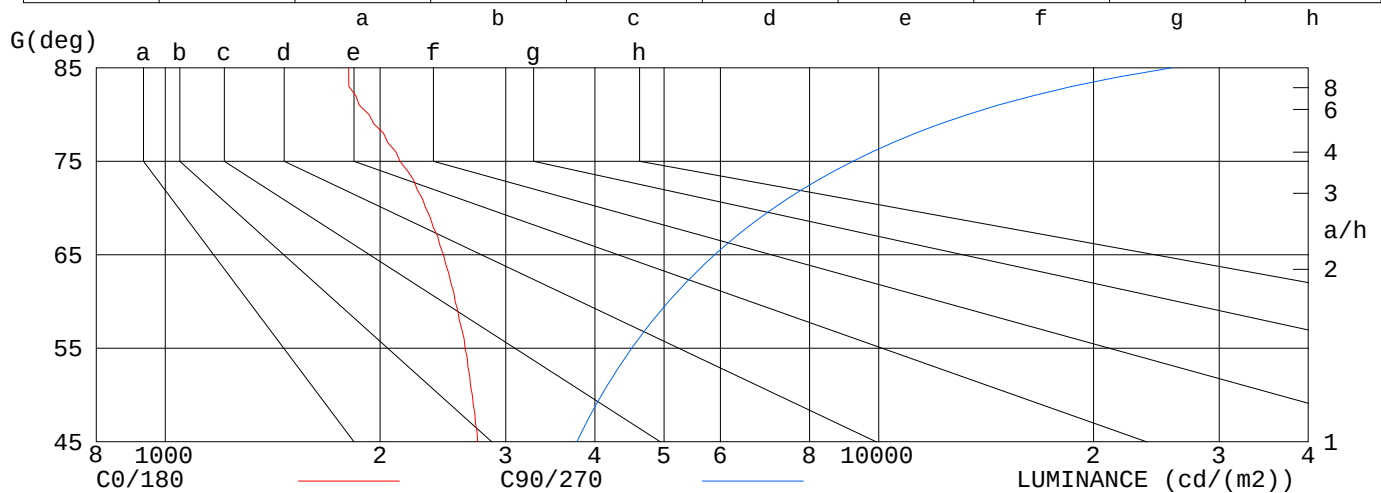
LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28	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	1806	25731
80	1930	13320
75	2132	9201
70	2317	7125
65	2454	5889
60	2548	5074
55	2631	4504
50	2694	4088
45	2739	3774

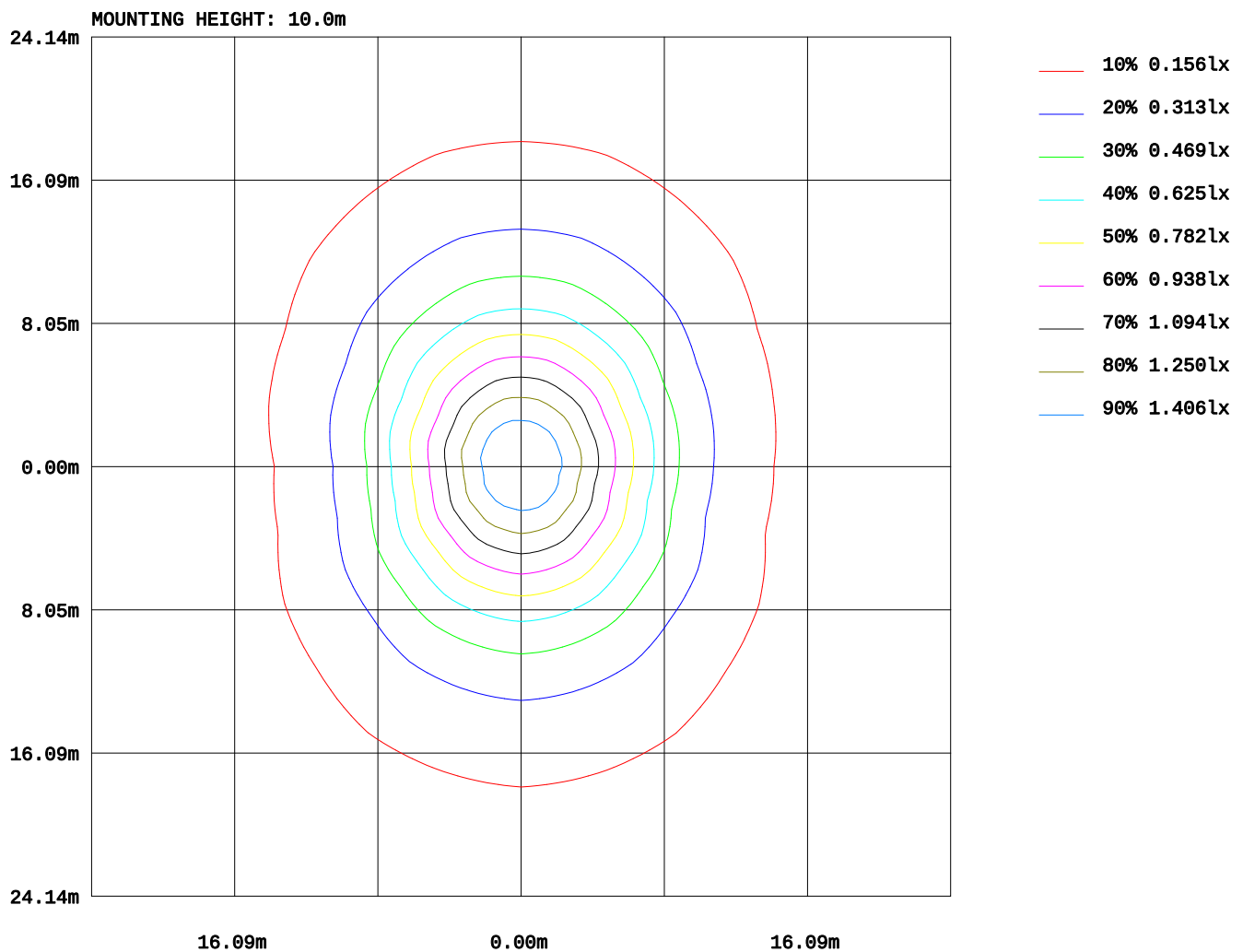
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ISOLUX DIAGRAM

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SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28	SERIAL No.:



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 Operators:
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UGR Table

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Address:				
NAME: Geniled T8 10W 4000K 1000lm 600mm PS			TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28		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	13.6	14.9	14.3	15.5	16.4	16.7	17.9	17.3	18.6	19.4
3H	15.1	16.2	15.8	16.9	17.8	19.8	20.9	20.4	21.6	22.4
4H	15.7	16.7	16.4	17.5	18.3	21.5	22.6	22.2	23.3	24.2
6H	16.1	17.1	16.8	17.9	18.8	23.4	24.4	24.1	25.2	26.1
8H	16.3	17.3	17.0	18.0	18.9	24.5	25.5	25.2	26.2	27.1
12H	16.4	17.3	17.1	18.1	19.0	25.7	26.7	26.5	27.4	28.3
4H 2H	15.1	16.2	15.8	16.9	17.8	17.2	18.3	17.9	19.0	19.9
3H	16.9	17.9	17.7	18.6	19.6	20.6	21.5	21.3	22.3	23.2
4H	17.8	18.6	18.5	19.4	20.4	22.5	23.4	23.3	24.1	25.1
6H	18.4	19.1	19.2	20.0	20.9	24.6	25.4	25.4	26.2	27.2
8H	18.6	19.3	19.4	20.1	21.1	25.8	26.6	26.6	27.4	28.4
12H	18.8	19.4	19.6	20.3	21.3	27.2	27.9	28.0	28.7	29.7
8H 4H	19.3	20.0	20.1	20.9	21.8	22.8	23.6	23.7	24.4	25.4
6H	20.5	21.1	21.3	21.9	23.0	25.3	25.9	26.2	26.8	27.8
8H	21.0	21.5	21.8	22.4	23.4	26.7	27.3	27.6	28.2	29.2
12H	21.3	21.8	22.2	22.7	23.8	28.4	28.9	29.2	29.7	30.8
12H 4H	19.9	20.5	20.7	21.4	22.4	22.9	23.5	23.7	24.4	25.4
6H	21.3	21.9	22.2	22.7	23.8	25.4	26.0	26.3	26.9	27.9
8H	22.1	22.5	22.9	23.4	24.5	27.0	27.5	27.9	28.3	29.4

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.1	+ 0.1 / - 0.1
1.5H	+ 0.2 / - 0.2	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.3 / - 0.4

CIE Pub.117 Corrected 996.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

Temperature:25.3'C
Operators:
Test Date:27-10-2020

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Humidity:65.0%
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Remarks: 86Ra. 0,2% Flickering. Temp 37.5C.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28	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	156	156	157	157	157	156	156	155	156	156	156	156	156	156	157
5.0	156	155	156	156	156	156	155	155	156	155	156	155	155	156	156
10.0	154	152	155	154	155	155	155	154	155	154	154	152	153	155	154
15.0	151	149	152	152	154	153	154	153	153	151	152	149	149	152	151
20.0	146	144	148	148	152	152	153	151	151	148	148	143	144	148	147
25.0	140	137	143	145	150	150	152	150	149	144	143	137	137	142	142
30.0	133	130	138	140	147	148	150	147	146	139	137	130	129	136	137
35.0	125	122	131	135	144	146	148	145	143	134	131	121	121	128	130
40.0	115	112	124	130	141	144	146	143	139	129	124	112	111	119	123
45.0	105	103	117	124	137	141	144	140	136	123	116	102	99.9	110	115
50.0	93.5	91.9	109	118	133	138	142	137	132	117	108	91.2	88.3	99.8	107
55.0	81.5	81.3	101	113	129	135	140	134	128	111	99.4	80.4	76.0	88.9	98.4
60.0	68.8	70.4	92.4	107	125	132	137	131	124	105	90.9	69.0	63.5	77.6	90.2
65.0	56.0	59.3	84.5	101	121	129	134	128	120	99.5	82.7	57.7	50.5	66.3	82.0
70.0	42.7	49.0	76.7	95.8	117	126	132	125	116	94.0	74.8	47.0	37.5	55.1	74.4
75.0	29.8	39.2	69.5	90.6	114	123	129	122	112	89.0	67.5	37.2	25.2	44.7	67.5
80.0	18.0	30.8	63.5	86.0	110	119	125	117	108	84.1	61.5	28.9	13.9	35.6	61.6
85.0	8.50	25.0	58.3	81.8	105	115	121	113	104	79.9	56.1	23.0	5.20	28.5	57.0
90.0	4.00	21.6	54.2	77.7	101	109	117	108	99.8	75.7	52.0	19.5	1.50	24.0	53.6
95.0	3.50	19.9	51.0	70.7	78.7	84.8	100	84.5	74.0	67.0	48.7	17.7	1.60	22.1	51.0
100.0	3.40	19.4	48.5	68.0	77.0	86.4	95.8	85.5	75.1	65.2	46.2	17.2	1.70	21.7	49.3
105.0	3.10	19.6	46.5	67.0	77.1	70.0	90.5	68.0	75.5	64.4	44.5	17.8	1.70	22.3	48.2
110.0	3.00	20.9	45.4	65.0	70.0	70.5	86.4	68.4	66.9	63.2	43.3	19.2	1.80	23.2	47.5
115.0	2.90	22.7	44.5	61.1	66.6	72.7	83.0	71.5	63.4	57.9	42.5	20.7	1.90	25.0	46.9
120.0	2.90	24.6	43.3	53.7	66.0	72.3	79.4	71.5	64.2	50.3	40.7	22.1	2.00	26.8	44.7
125.0	2.80	25.0	40.4	49.0	63.4	69.3	75.7	68.3	62.0	47.0	37.5	22.2	2.10	27.5	40.7
130.0	2.80	24.5	37.7	47.0	60.9	66.0	71.9	65.0	59.7	45.6	35.5	21.6	2.20	26.9	38.6
135.0	2.80	23.7	36.3	45.5	58.3	62.5	68.0	61.5	57.5	44.7	34.2	17.8	2.30	25.6	37.0
140.0	2.80	20.1	35.0	43.5	56.0	59.2	64.6	58.2	55.4	43.5	33.3	12.5	2.40	20.9	35.9
145.0	2.80	13.9	33.8	41.5	52.4	56.3	61.1	55.2	53.2	41.8	31.9	10.1	2.50	17.0	34.0
150.0	2.80	11.5	31.7	39.2	49.0	50.5	57.9	51.8	50.3	38.5	30.1	5.70	2.50	12.9	32.0
155.0	2.80	7.90	25.7	33.1	46.7	45.4	50.9	46.0	45.5	33.7	22.6	2.50	2.60	7.90	26.9
160.0	2.80	3.50	16.5	24.0	39.8	41.2	45.2	37.0	38.7	26.3	15.2	2.50	2.70	3.60	19.1
165.0	2.80	2.40	12.7	13.3	26.4	32.6	39.0	31.2	28.7	15.0	7.30	2.60	2.70	3.40	9.40
170.0	2.80	2.40	4.70	7.20	13.5	10.5	21.4	14.4	15.0	3.20	4.00	2.60	2.80	3.30	2.50
175.0	2.80	2.50	3.80	2.60	4.80	2.80	5.30	2.90	4.70	2.80	3.80	2.60	2.90	3.20	2.50
180.0	2.80	2.50	3.60	2.80	4.20	3.10	4.60	3.10	4.30	3.10	3.50	2.80	3.00	3.10	2.60

Temperature:25.3'C
Operators:
Test Date:27-10-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 86Ra. 0,2% Flickering. Temp 37.5C.

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION:	CCT(K): 3996	DIMENSION: 600x28x28	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	157	157	156	156	155	156	156	156	156
5.0	157	157	157	156	156	156	156	156	156
10.0	156	156	156	156	156	155	156	154	154
15.0	154	155	156	155	155	154	154	151	151
20.0	152	153	155	155	154	152	151	147	147
25.0	149	151	154	154	154	150	148	142	142
30.0	145	148	153	153	152	148	145	136	135
35.0	141	145	151	151	151	145	140	130	128
40.0	136	142	150	150	149	142	136	123	119
45.0	130	139	147	148	147	138	130	115	110
50.0	125	135	145	146	145	135	125	107	99.8
55.0	119	132	143	144	142	131	120	98.7	89.0
60.0	114	128	140	142	140	128	114	90.8	77.9
65.0	108	124	138	139	137	124	109	82.8	67.0
70.0	103	120	135	137	135	120	103	75.3	56.0
75.0	97.6	116	133	134	133	116	98.5	68.8	45.7
80.0	93.1	112	129	131	129	112	94.0	62.8	37.0
85.0	89.0	109	126	127	126	109	89.9	57.7	30.1
90.0	85.3	104	122	123	122	104	86.1	54.2	24.9
95.0	82.0	80.0	98.1	105	97.0	81.4	82.8	51.7	22.9
100.0	79.0	79.1	96.3	102	95.8	79.2	79.6	50.0	22.5
105.0	76.7	81.5	83.8	97.3	84.5	82.3	77.3	48.7	23.0
110.0	74.4	76.2	80.1	92.0	79.6	77.7	74.8	48.0	24.0
115.0	71.0	72.5	85.0	89.7	84.6	73.7	71.9	47.2	25.2
120.0	62.0	70.0	83.8	85.5	83.7	69.8	63.7	45.5	25.7
125.0	56.6	67.7	80.2	81.4	80.1	67.2	57.2	41.6	27.1
130.0	54.9	65.2	76.7	77.2	76.5	64.7	54.7	38.9	26.1
135.0	53.6	62.3	73.0	72.8	72.7	61.9	53.5	37.4	25.4
140.0	52.2	59.5	69.4	68.6	69.1	59.2	52.3	36.0	23.5
145.0	50.5	56.8	65.6	64.7	65.6	56.5	50.9	34.0	18.1
150.0	47.4	53.5	62.1	60.7	62.3	53.5	47.7	30.7	15.2
155.0	43.2	48.1	57.7	55.4	57.9	47.9	41.4	23.0	11.2
160.0	38.6	41.9	50.7	47.5	50.5	38.1	29.9	15.9	6.70
165.0	26.1	31.9	42.3	39.0	42.5	22.5	19.4	11.8	3.60
170.0	14.3	16.4	26.8	22.7	20.1	11.5	13.6	4.40	3.30
175.0	4.60	2.80	6.80	2.90	6.20	2.90	4.60	2.80	3.30
180.0	4.20	3.00	4.70	3.20	4.70	3.10	4.10	3.00	3.10

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