

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

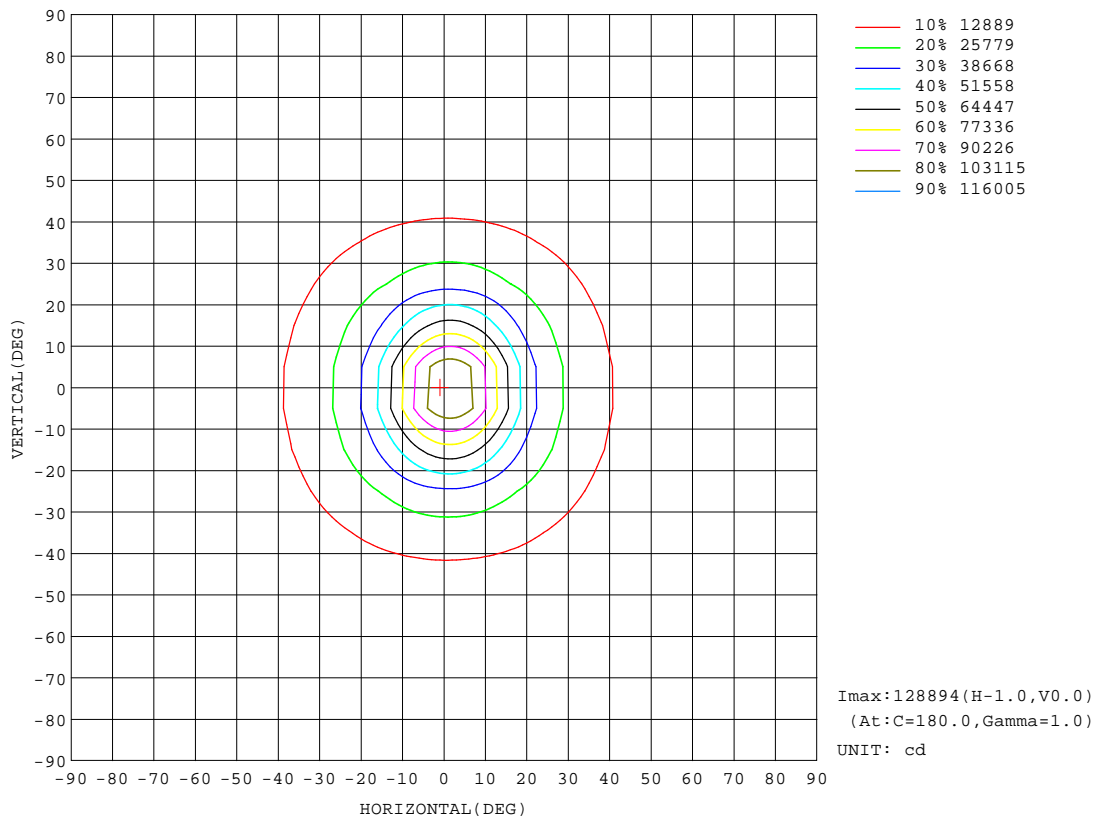
Maximum Intensity (Luminaire orientation as tested.)		1873.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	80.1V x 80.5H 31.9V x 31.2H 7.5V x 11.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.8 lumens per klm. 809.1 lumens per klm. 302.8 lumens per klm. 30.3 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 June 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.0V I:2.250A P:497.2W PF:0.9827 Freq:49.89Hz Lamp Flux:68814.9x1 lm		
NAME: FL500W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

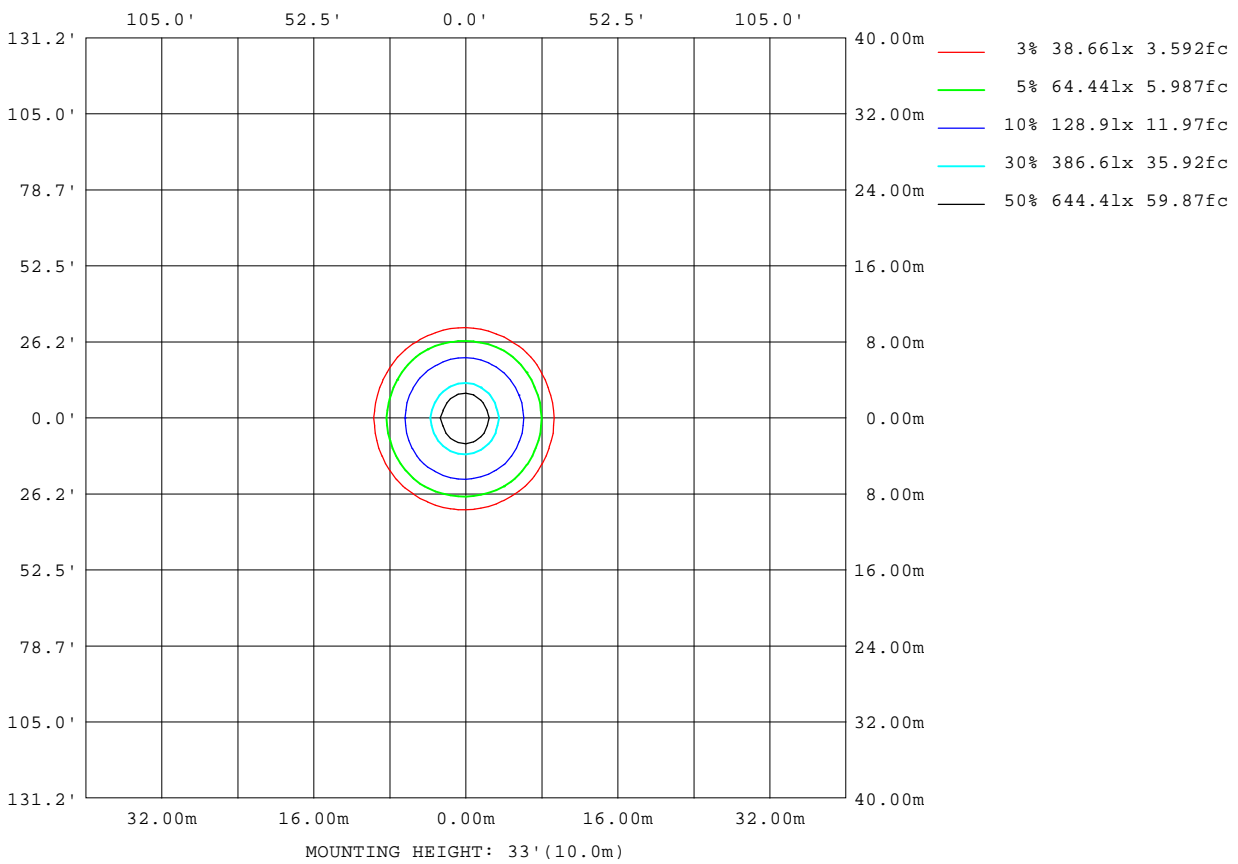


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:30 June 2022

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.900m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

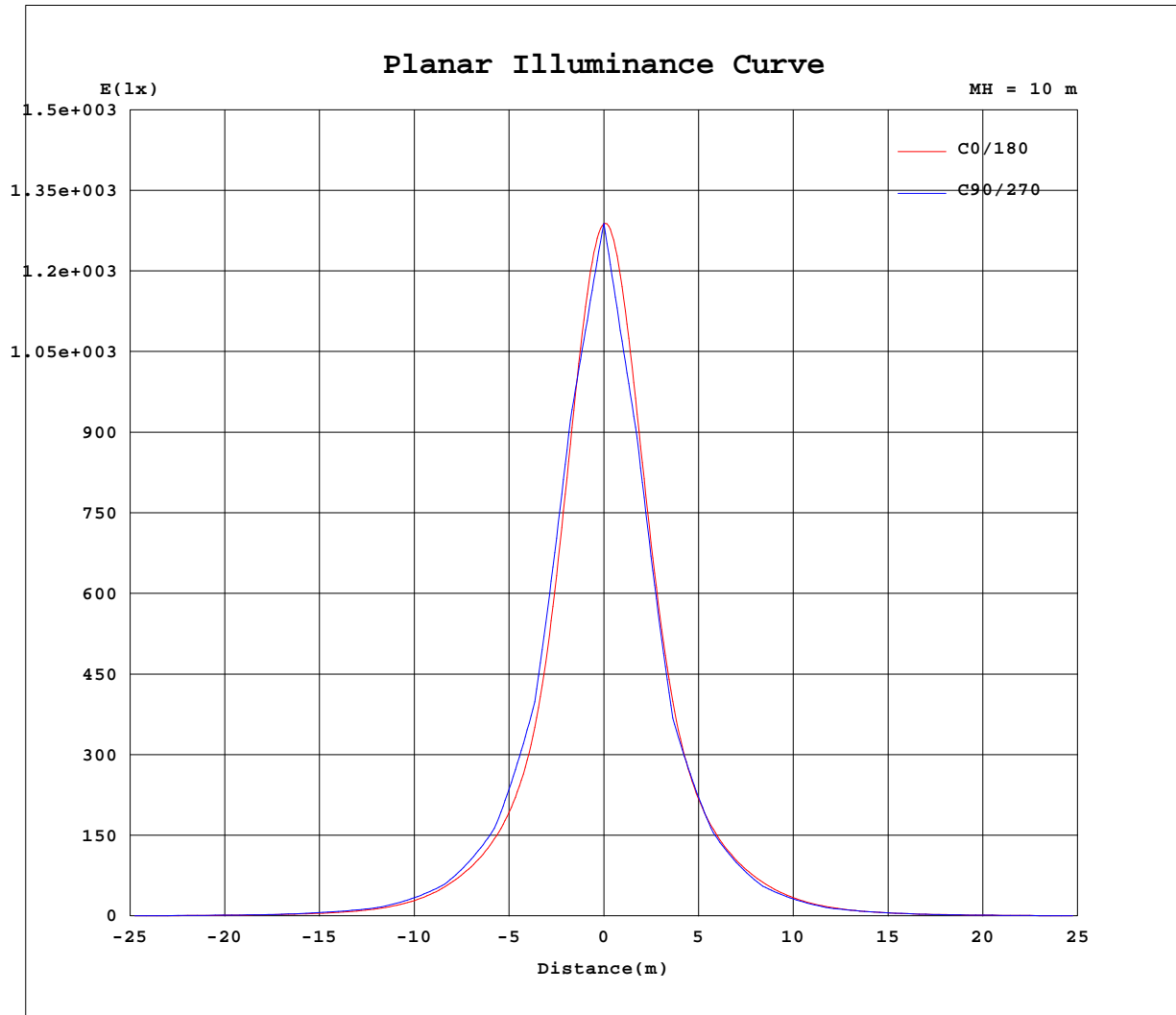
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 Remarks:

Planar Illuminance Curve



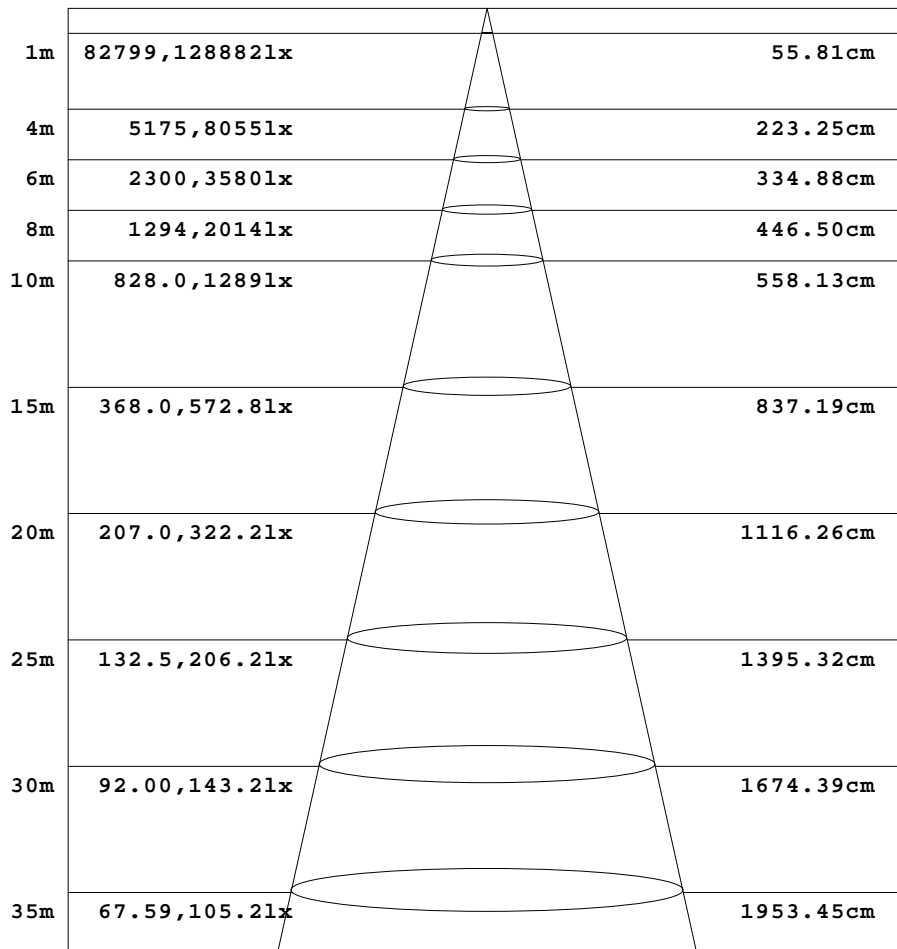
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AAI Figure

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NAME: FL500W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:21388 lm



Height Eavg, Emax Angle:31.19deg Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
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Test Speed: HIGH
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Operators:DAMIN
Test Date:30 June 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.0V I:2.250A P:497.2W PF:0.9827 Freq:49.89Hz Lamp Flux:68814.9x1 lm		
NAME: FL500W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: ×100cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.20	0.23	0.35	0.46	0.61	0.80	1.01	1.26	1.53	1.79	2.06	2.30	2.53	2.72	2.88	3.03	3.19	3.32	3.36
-75	0.15	0.20	0.35	0.63	1.01	1.50	2.06	2.71	3.40	4.11	4.75	5.34	5.88	6.36	6.80	7.20	7.55	7.86	8.02
-70	0.15	0.24	0.56	1.08	1.77	2.63	3.61	4.71	5.84	6.95	7.94	8.82	9.62	10.4	11.1	11.6	12.2	12.6	12.7
-65	0.12	0.17	0.54	1.27	2.27	3.49	4.92	6.50	8.12	9.70	11.1	12.4	13.7	14.9	16.2	17.2	18.2	18.9	19.3
-60	0.12	0.27	1.04	2.20	3.70	5.46	7.48	9.58	11.7	13.6	15.4	17.0	18.7	20.5	22.2	23.6	24.8	25.6	25.8
-55	0.10	0.17	0.86	2.19	3.97	6.07	8.48	11.1	13.7	16.3	19.0	21.9	25.1	28.6	32.6	36.6	40.0	42.3	43.3
-50	0.10	0.35	1.64	3.53	5.87	8.56	11.5	14.6	17.8	21.1	24.8	29.2	34.1	40.0	46.3	52.4	57.2	60.2	60.8
-45	0.09	0.18	1.29	3.27	5.86	8.87	12.2	15.9	19.8	24.6	30.8	38.6	48.5	59.7	71.4	81.9	89.9	95.0	97.1
-40	0.09	0.50	2.36	4.96	8.18	11.8	15.8	20.2	25.3	32.7	42.5	55.5	71.5	89.0	105	118	127	132	133
-35	0.09	0.19	1.74	4.35	7.71	11.6	16.0	20.9	27.2	37.1	50.9	68.9	91.3	116	139	159	175	187	193
-30	0.09	0.67	3.02	6.29	10.2	14.7	19.9	26.1	36.0	51.6	72.4	99.6	130	162	190	214	234	248	251
-25	0.09	0.20	2.15	5.29	9.32	14.0	19.3	25.8	36.4	53.9	77.5	108	144	184	224	264	308	347	366
-20	0.09	0.90	3.57	7.40	12.0	17.2	23.5	32.4	49.2	73.7	106	145	190	238	289	349	416	466	481
-15	0.09	0.21	2.46	6.02	10.5	15.7	21.9	30.1	45.3	69.9	103	143	191	247	316	412	538	656	721
-10	0.09	1.06	3.94	8.09	13.1	18.9	26.0	37.5	59.2	90.5	131	178	234	306	412	571	762	916	966
-5	0.10	0.23	2.65	6.46	11.2	16.8	23.3	32.8	50.9	79.7	118	164	217	286	389	555	778	995	1121
0	0.09	1.12	4.11	8.44	13.7	19.6	27.0	39.6	63.2	97.2	140	189	249	337	482	708	978	1207	1289
5	0.10	0.27	2.67	6.49	11.3	16.8	23.4	32.7	50.5	79.0	117	162	215	282	382	543	760	976	1102
10	0.10	1.08	3.99	8.15	13.2	18.9	26.0	37.2	58.1	88.6	128	174	229	297	394	542	725	878	931
15	0.10	0.28	2.52	6.11	10.6	15.8	21.9	30.0	44.5	68.1	99.7	139	185	238	302	389	505	620	684
20	0.11	1.00	3.68	7.53	12.1	17.3	23.5	32.1	47.7	71.1	101	139	181	226	272	325	383	430	444
25	0.11	0.26	2.24	5.41	9.46	14.1	19.4	25.8	35.7	52.1	74.3	103	138	175	212	248	287	323	341
30	0.13	0.81	3.13	6.42	10.4	14.9	20.0	26.1	35.2	49.6	68.9	94.5	123	153	180	203	222	236	239
35	0.13	0.24	1.85	4.49	7.88	11.8	16.1	21.0	27.0	36.2	48.8	65.3	86.1	109	131	150	165	177	182
40	0.14	0.61	2.49	5.12	8.37	12.0	16.0	20.4	25.3	32.0	40.7	52.1	66.6	82.5	97.7	110	119	124	125
45	0.14	0.23	1.44	3.44	6.08	9.09	12.5	16.1	20.1	24.6	30.3	37.2	46.0	56.1	66.7	76.4	83.9	88.8	90.8
50	0.16	0.44	1.81	3.74	6.12	8.82	11.8	15.0	18.3	21.5	25.0	29.0	33.3	38.3	43.9	49.2	53.6	56.4	57.0
55	0.16	0.23	1.01	2.36	4.18	6.30	8.74	11.3	14.1	16.7	19.3	22.1	24.9	28.1	31.7	35.1	38.2	40.4	41.4
60	0.17	0.35	1.18	2.36	3.89	5.68	7.73	9.86	12.0	14.1	15.9	17.5	19.0	20.7	22.3	23.7	24.8	25.6	25.8
65	0.17	0.22	0.63	1.38	2.42	3.66	5.13	6.72	8.38	10.0	11.5	12.8	14.0	15.2	16.4	17.4	18.3	19.0	19.4
70	0.19	0.27	0.63	1.17	1.89	2.77	3.78	4.90	6.07	7.22	8.23	9.10	9.88	10.6	11.3	11.9	12.4	12.8	13.0
75	0.19	0.20	0.37	0.66	1.06	1.56	2.14	2.80	3.52	4.24	4.91	5.50	6.02	6.50	6.95	7.35	7.69	7.99	8.18
80	0.20	0.21	0.32	0.44	0.60	0.80	1.02	1.28	1.55	1.82	2.07	2.32	2.56	2.75	2.92	3.06	3.22	3.35	3.40
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 June 2022

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.0V I:2.250A P:497.2W PF:0.9827 Freq:49.89Hz Lamp Flux:68814.9x1 lm		
NAME: FL500W-07-G11	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: ×100cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	3.27	3.13	2.97	2.83	2.66	2.45	2.21	1.96	1.71	1.46	1.20	0.98	0.77	0.60	0.47	0.37	0.28	0.21
-75	7.95	7.69	7.37	7.02	6.60	6.13	5.62	5.08	4.49	3.81	3.12	2.45	1.86	1.33	0.88	0.56	0.32	0.21
-70	12.4	12.0	11.5	10.9	10.2	9.42	8.61	7.73	6.72	5.61	4.50	3.43	2.50	1.67	1.01	0.54	0.25	0.16
-65	19.1	18.5	17.7	16.7	15.5	14.3	13.1	11.9	10.5	9.06	7.47	5.88	4.41	3.06	1.90	1.00	0.38	0.16
-60	25.3	24.4	23.0	21.6	19.9	18.2	16.6	15.0	13.2	11.2	9.17	7.11	5.21	3.47	2.00	0.91	0.24	0.13
-55	42.8	40.9	37.8	34.1	30.1	26.5	23.3	20.5	17.7	15.2	12.7	10.1	7.62	5.35	3.34	1.71	0.54	0.13
-50	59.1	55.2	49.8	43.4	37.3	32.2	27.8	23.7	20.3	17.1	14.1	11.1	8.19	5.56	3.27	1.47	0.28	0.11
-45	96.0	91.9	84.9	75.2	63.8	52.3	42.2	33.9	27.4	22.1	18.1	14.4	11.0	7.82	4.96	2.54	0.78	0.11
-40	130	124	113	98.1	80.9	64.1	49.5	38.6	29.9	23.6	19.1	15.0	11.2	7.70	4.58	2.05	0.34	0.09
-35	190	180	165	147	124	100	77.3	57.7	42.6	31.4	23.9	18.7	14.3	10.2	6.55	3.38	1.07	0.10
-30	242	225	204	179	149	117	88.3	63.6	45.5	32.2	24.2	18.8	14.0	9.68	5.80	2.64	0.43	0.08
-25	358	325	281	239	199	159	122	89.2	62.7	43.3	30.1	22.6	17.1	12.2	7.89	4.12	1.34	0.10
-20	452	391	323	267	217	169	128	91.8	62.8	42.1	29.0	21.7	16.1	11.2	6.77	3.12	0.55	0.08
-15	702	604	472	355	272	210	160	118	82.1	54.6	36.0	25.6	19.1	13.7	8.88	4.65	1.52	0.10
-10	889	714	520	370	275	209	158	114	77.3	50.3	32.9	23.9	17.6	12.3	7.44	3.41	0.70	0.08
-5	1087	910	672	460	323	240	182	136	93.7	61.4	39.7	27.4	20.3	14.5	9.42	4.94	1.62	0.10
0	1171	919	640	424	297	221	167	122	81.9	52.8	34.2	24.5	18.1	12.6	7.62	3.52	0.75	0.09
5	1071	897	661	454	320	239	181	134	93.0	61.1	39.6	27.3	20.3	14.5	9.45	4.96	1.64	0.10
10	858	689	501	360	271	207	156	112	76.2	49.9	32.8	23.9	17.7	12.3	7.49	3.46	0.74	0.09
15	668	576	450	341	264	206	156	115	80.1	53.8	35.9	25.6	19.2	13.8	8.93	4.71	1.58	0.11
20	419	364	304	254	208	163	123	88.5	60.9	41.5	28.8	21.7	16.2	11.2	6.84	3.18	0.66	0.10
25	335	305	266	227	190	153	117	85.8	60.7	42.6	30.1	22.6	17.1	12.3	7.99	4.21	1.43	0.14
30	232	216	195	171	142	112	84.9	61.3	44.5	32.1	24.4	19.0	14.1	9.83	5.94	2.75	0.56	0.11
35	180	171	157	139	118	95.1	73.7	55.3	41.6	31.3	24.0	18.9	14.4	10.3	6.70	3.52	1.20	0.16
40	122	116	105	91.2	75.4	60.1	47.0	37.3	29.7	23.7	19.3	15.2	11.3	7.84	4.72	2.17	0.42	0.13
45	89.8	86.0	79.4	70.4	59.9	49.5	40.5	33.0	27.3	22.3	18.3	14.7	11.2	7.96	5.08	2.66	0.89	0.17
50	55.4	51.9	47.0	41.4	35.9	31.4	27.7	23.9	20.6	17.5	14.4	11.3	8.37	5.69	3.37	1.55	0.33	0.15
55	40.9	39.2	36.4	33.0	29.4	26.1	23.3	20.6	18.0	15.6	13.0	10.3	7.82	5.49	3.44	1.79	0.61	0.18
60	25.4	24.4	23.2	21.8	20.2	18.5	16.8	15.2	13.5	11.5	9.43	7.33	5.37	3.60	2.10	0.99	0.28	0.17
65	19.2	18.7	17.9	16.9	15.8	14.5	13.3	12.1	10.8	9.31	7.71	6.08	4.55	3.17	1.98	1.06	0.41	0.18
70	12.8	12.3	11.8	11.1	10.4	9.65	8.83	7.95	6.96	5.82	4.69	3.58	2.61	1.75	1.06	0.56	0.25	0.19
75	8.15	7.90	7.55	7.18	6.74	6.26	5.75	5.21	4.60	3.93	3.23	2.53	1.91	1.35	0.89	0.54	0.29	0.19
80	3.34	3.20	3.03	2.87	2.69	2.49	2.25	2.00	1.74	1.48	1.22	0.96	0.75	0.56	0.41	0.30	0.20	0.19
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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