

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		871.6 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I <sub>max</sub> At 50% of I <sub>max</sub> At 90% of I <sub>max</sub>	115.9V x 115.5H 53.6V x 52.5H 17.9V x 19.0H
Beam Flux	Total To 10% of I <sub>max</sub> To 50% of I <sub>max</sub> To 90% of I <sub>max</sub>	999.8 lumens per klm. 934.8 lumens per klm. 397.7 lumens per klm. 55.5 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

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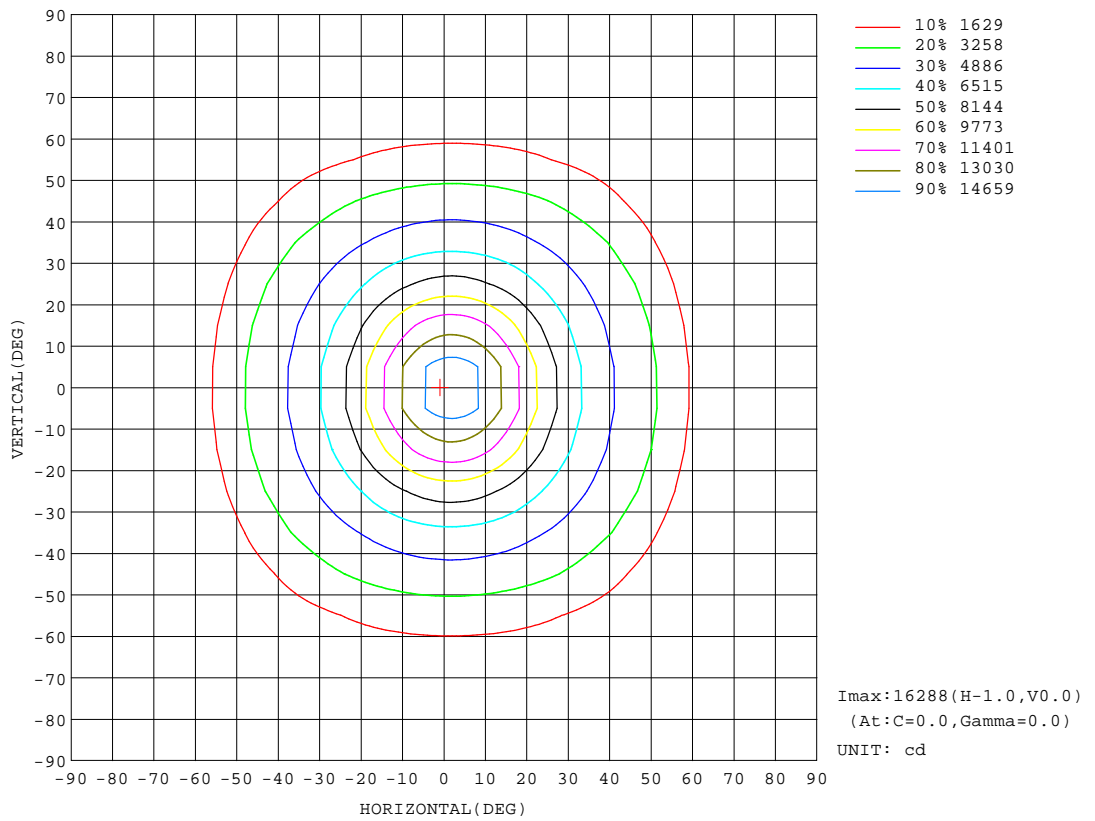
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:19 October 2023

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:229.9V I:0.6562A P:148.5W PF:0.9842 Freq:49.98Hz Lamp Flux:18686.7x1 lm		
NAME: FL150W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

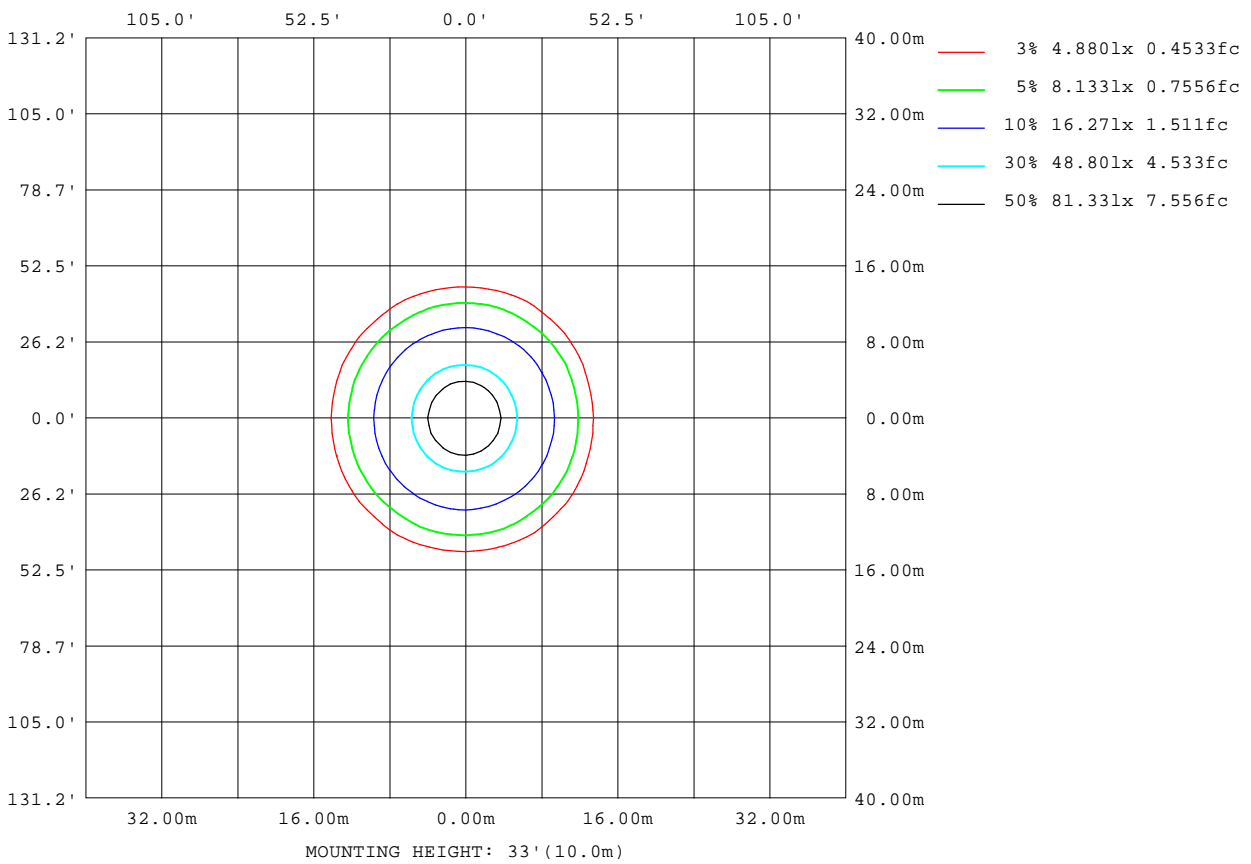


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Test Speed: HIGH  
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Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

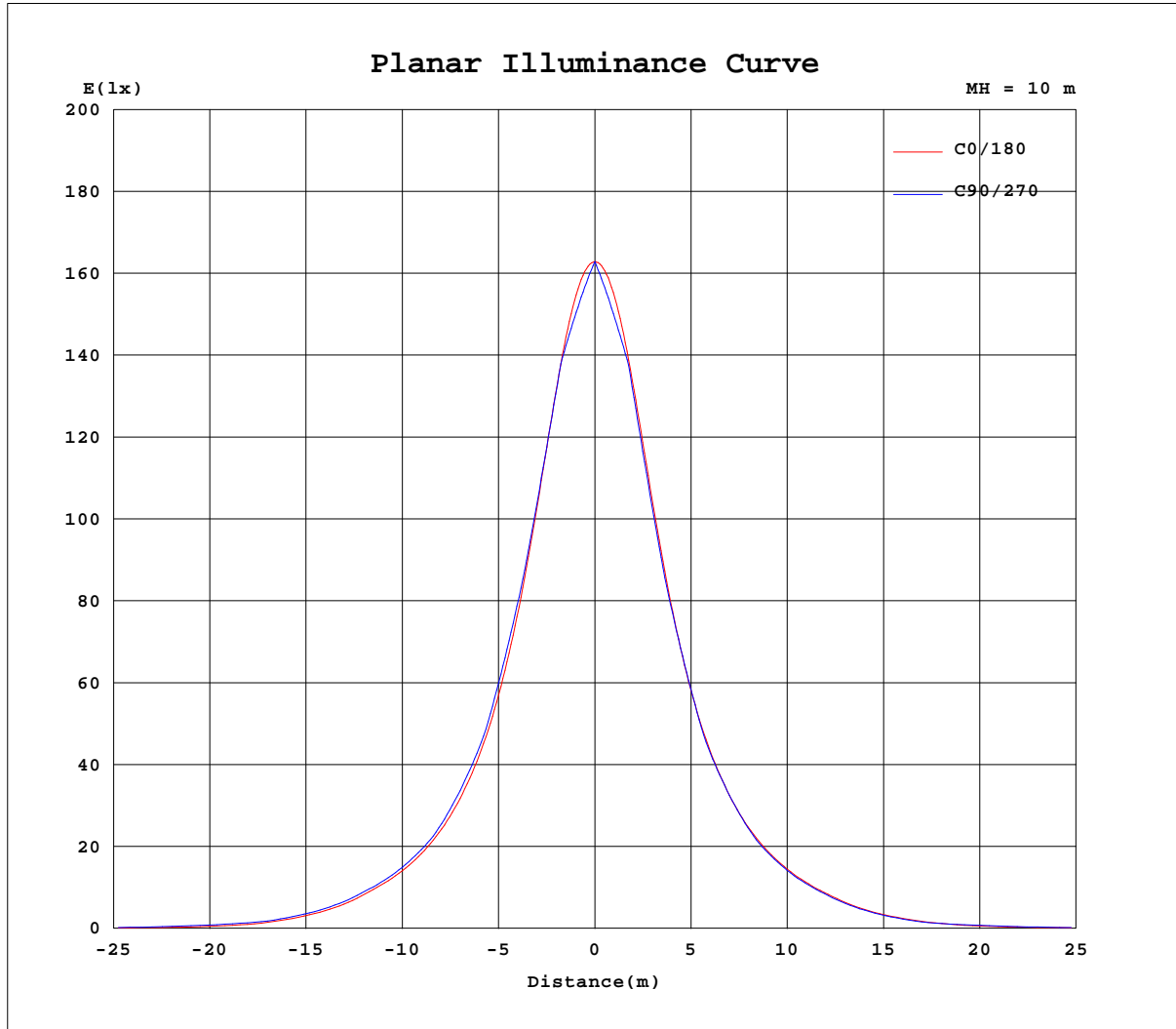
Test:U:229.9V I:0.6562A P:148.5W PF:0.9842 Freq:49.98Hz Lamp Flux:18686.7x1 lm		
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 Remarks:

Planar Illuminance Curve



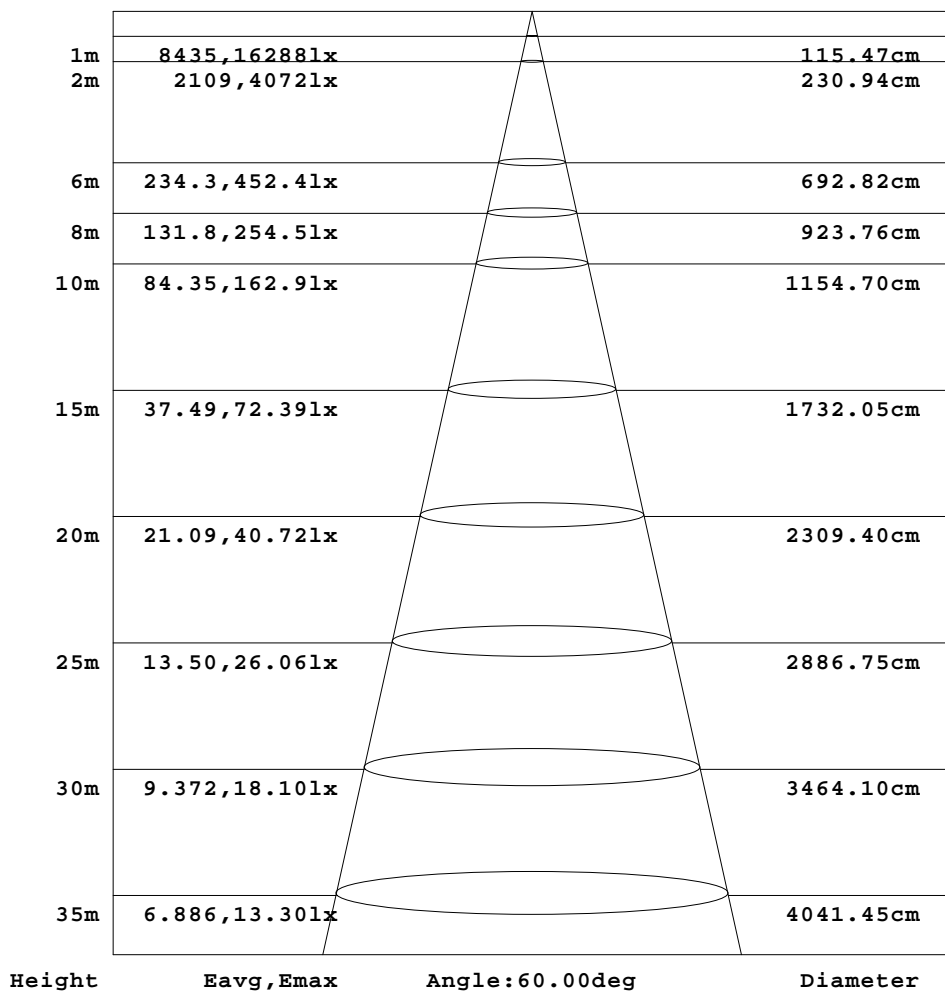
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AAI Figure

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NAME: FL150W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:8833 lm



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

H<sub>(b)</sub> Range:-90 - 90DEG  
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Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:19 October 2023

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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]  
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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

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	0.35	0.69	1.16	1.62	2.25	3.00	3.82	4.73	5.50	6.33	7.30	8.47	9.43	10.2	10.7	10.9	10.8	10.9	10.9
-75	0.31	0.48	1.21	2.09	3.39	4.99	6.72	8.65	10.4	12.1	14.1	16.2	18.1	19.8	21.1	22.0	22.2	21.9	21.6
-70	0.35	1.06	2.24	4.01	6.42	9.02	11.8	14.7	17.3	20.2	23.5	26.3	28.9	31.1	32.7	33.5	33.3	32.5	32.1
-65	0.30	0.58	1.96	4.07	7.16	10.8	14.7	19.0	23.0	27.2	31.9	37.0	43.6	52.0	61.4	70.1	77.1	81.8	83.6
-60	0.34	1.56	3.95	7.62	12.2	17.2	22.6	28.1	33.8	39.8	46.3	55.1	67.9	84.1	101	116	127	134	135
-55	0.29	0.66	2.92	6.64	11.7	17.7	24.3	31.5	39.6	52.1	73.7	104	134	162	187	209	224	235	240
-50	0.35	2.17	5.91	11.5	18.2	26.0	34.4	44.2	58.7	87.8	137	188	233	270	301	322	337	344	346
-45	0.27	0.74	4.01	9.44	16.4	24.8	34.6	47.2	72.6	115	172	229	278	319	353	381	402	417	424
-40	0.34	2.90	8.17	15.5	24.3	35.1	48.2	76.9	134	211	277	330	373	409	441	467	488	500	502
-35	0.26	0.82	5.12	12.1	20.6	31.4	45.6	75.3	135	214	288	348	400	448	493	537	573	599	612
-30	0.34	3.49	10.0	18.7	29.2	43.7	71.9	139	228	309	372	429	485	542	599	650	690	717	723
-25	0.25	0.93	6.16	14.4	24.0	36.9	60.1	119	206	298	369	434	501	574	652	731	803	858	887
-20	0.32	4.07	11.8	21.4	33.1	53.0	108	200	299	374	444	518	604	698	801	901	987	1042	1054
-15	0.25	1.08	6.96	16.1	26.4	41.3	76.3	159	259	348	422	499	589	696	819	954	1086	1192	1246
-10	0.32	4.39	12.7	22.9	35.3	61.6	135	234	335	411	491	585	699	837	999	1169	1322	1421	1443
-5	0.25	1.21	7.44	17.1	27.7	43.9	87.5	181	286	373	450	538	645	775	936	1121	1307	1456	1530
0	0.30	4.63	13.2	23.7	36.3	66.4	146	249	348	426	511	614	740	900	1092	1300	1486	1601	1627
5	0.26	1.25	7.51	17.2	27.8	44.1	87.1	180	285	372	448	536	642	771	930	1114	1301	1452	1528
10	0.32	4.50	12.8	23.1	35.7	61.4	133	233	332	408	488	581	692	826	986	1156	1312	1414	1438
15	0.28	1.17	7.17	16.4	26.7	41.7	75.5	156	255	345	417	494	582	685	804	938	1069	1176	1232
20	0.35	4.27	12.0	21.8	33.7	53.0	106	196	295	369	437	509	591	683	782	881	965	1019	1031
25	0.31	1.00	6.48	14.8	24.5	37.7	59.8	116	201	292	362	425	490	561	636	713	783	837	865
30	0.40	3.77	10.4	19.3	30.0	44.4	70.5	134	221	301	364	418	472	529	583	633	672	696	701
35	0.35	0.84	5.53	12.6	21.3	32.3	46.2	73.7	129	206	277	336	386	433	478	519	553	578	591
40	0.44	3.25	8.66	16.1	25.2	36.1	48.6	74.3	126	200	264	316	358	393	423	448	467	479	482
45	0.42	0.78	4.46	10.0	17.1	25.7	35.5	47.4	70.3	109	162	215	262	301	333	360	381	395	402
50	0.52	2.49	6.47	12.1	19.1	26.9	35.3	44.8	57.3	81.4	124	172	214	249	278	298	313	320	322
55	0.50	0.77	3.32	7.17	12.3	18.4	25.1	32.3	40.0	50.9	69.5	96.3	123	148	171	190	205	214	219
60	0.58	1.77	4.41	8.16	12.8	17.9	23.3	28.9	34.5	40.4	46.5	53.4	62.4	74.5	87.4	99.8	109	115	117
65	0.58	0.74	2.27	4.49	7.60	11.2	15.2	19.5	23.5	27.7	32.3	37.1	42.4	48.5	55.9	62.9	68.8	72.9	74.9
70	0.63	1.25	2.56	4.34	6.74	9.23	12.1	15.0	17.5	20.4	24.0	26.8	29.3	31.5	33.0	33.6	33.5	33.3	33.4
75	0.63	0.70	1.44	2.38	3.66	5.18	6.94	8.79	10.5	12.2	14.2	16.4	18.3	19.8	21.1	21.9	22.1	22.1	22.0
80	0.66	0.88	1.38	1.83	2.41	3.11	3.90	4.72	5.48	6.32	7.22	8.30	9.03	9.87	10.4	10.6	10.7	10.7	10.7
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

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SPEC.:	DIM.:	SERIAL No.:001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

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	10.8	10.7	10.6	10.2	9.53	8.71	7.63	6.52	5.67	4.86	4.08	3.20	2.46	1.83	1.35	0.95	0.49	0.38
-75	21.5	21.8	21.9	21.4	20.4	18.8	17.1	15.1	13.0	11.1	9.45	7.63	5.83	4.20	2.77	1.70	0.94	0.39
-70	32.5	33.1	32.8	31.4	29.4	27.0	24.1	21.1	17.9	15.4	12.8	9.87	7.16	4.81	2.82	1.53	0.57	0.36
-65	83.0	80.1	74.8	67.1	57.9	48.5	40.6	34.4	29.4	24.9	20.8	16.8	12.8	8.99	5.63	3.01	1.31	0.38
-60	131	121	108	91.8	74.9	60.3	49.1	41.6	35.1	29.5	24.2	18.8	13.7	9.05	5.08	2.30	0.63	0.33
-55	239	232	220	203	181	154	124	93.6	64.8	45.8	35.3	27.9	21.2	14.9	9.29	4.79	1.80	0.38
-50	340	330	313	288	255	213	163	109	69.3	48.0	37.3	28.9	20.9	13.8	7.81	3.32	0.70	0.35
-45	422	413	397	374	345	309	265	212	154	98.0	60.3	40.6	29.9	20.9	13.1	6.77	2.39	0.37
-40	495	478	456	427	393	354	306	246	167	98.1	55.9	39.0	27.8	18.3	10.4	4.33	0.74	0.30
-35	610	592	563	526	483	436	387	332	268	187	111	60.5	38.6	26.3	16.6	8.72	2.99	0.35
-30	707	673	628	574	517	460	403	344	274	181	97.6	51.0	34.0	22.0	12.9	5.40	0.81	0.31
-25	882	844	783	708	630	553	482	415	349	271	176	91.4	47.9	30.5	19.4	10.4	3.50	0.34
-20	1019	946	851	749	650	560	479	407	338	245	147	68.5	38.9	24.7	14.8	6.18	0.86	0.27
-15	1237	1167	1052	917	784	665	563	475	400	326	225	125	57.6	33.4	21.5	11.7	3.91	0.32
-10	1385	1258	1092	922	770	644	539	451	375	287	183	87.1	42.5	26.6	16.3	6.91	1.05	0.31
-5	1520	1425	1261	1071	889	735	612	509	425	350	249	145	64.3	35.0	22.6	12.4	4.16	0.32
0	1560	1408	1202	994	814	671	557	463	385	298	193	92.1	43.7	27.1	16.7	7.10	1.08	0.31
5	1517	1421	1256	1064	883	730	608	507	423	347	248	144	64.2	35.0	22.7	12.5	4.22	0.33
10	1379	1249	1079	910	760	636	533	446	370	282	180	86.4	42.4	26.8	16.5	7.06	1.11	0.33
15	1223	1153	1036	901	770	654	554	469	393	319	221	123	57.8	33.6	21.8	12.0	4.07	0.36
20	996	925	832	732	636	548	470	399	331	238	142	68.1	39.2	25.1	15.2	6.47	0.95	0.36
25	860	823	765	692	615	540	470	405	341	262	170	90.2	48.8	31.0	20.0	10.9	3.75	0.41
30	686	655	612	559	502	447	392	335	264	174	95.3	52.4	34.9	22.7	13.6	5.74	0.83	0.42
35	589	573	546	510	467	422	374	320	256	178	108	61.3	40.1	27.1	17.4	9.28	3.30	0.45
40	475	460	438	410	378	340	292	233	157	94.5	57.1	40.8	29.0	19.1	11.1	4.69	0.75	0.46
45	401	392	377	356	327	292	250	199	144	94.5	60.8	42.7	31.6	21.9	13.9	7.33	2.71	0.51
50	318	308	292	269	236	195	148	100	67.6	50.0	39.6	30.8	22.3	14.7	8.52	3.73	0.77	0.53
55	218	213	202	186	166	142	116	87.8	63.4	47.2	37.5	29.8	22.7	15.9	10.1	5.32	2.05	0.58
60	113	105	94.1	81.5	68.9	58.4	50.3	43.9	37.7	31.7	26.0	20.2	14.7	9.86	5.67	2.70	0.77	0.59
65	74.7	72.2	67.7	61.5	54.2	47.2	41.0	36.0	31.0	26.6	22.4	18.0	13.8	9.83	6.26	3.45	1.49	0.64
70	33.8	34.3	34.1	32.8	30.8	28.4	25.7	22.0	19.0	16.5	13.7	10.7	7.92	5.37	3.27	1.82	0.76	0.66
75	22.2	22.4	22.5	22.1	21.0	19.6	17.9	15.9	13.6	11.8	10.2	8.24	6.36	4.70	3.17	2.02	1.10	0.69
80	10.8	10.7	10.7	10.3	9.50	8.78	7.77	6.85	5.98	5.20	4.38	3.55	2.79	2.12	1.61	1.15	0.72	0.69
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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