

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

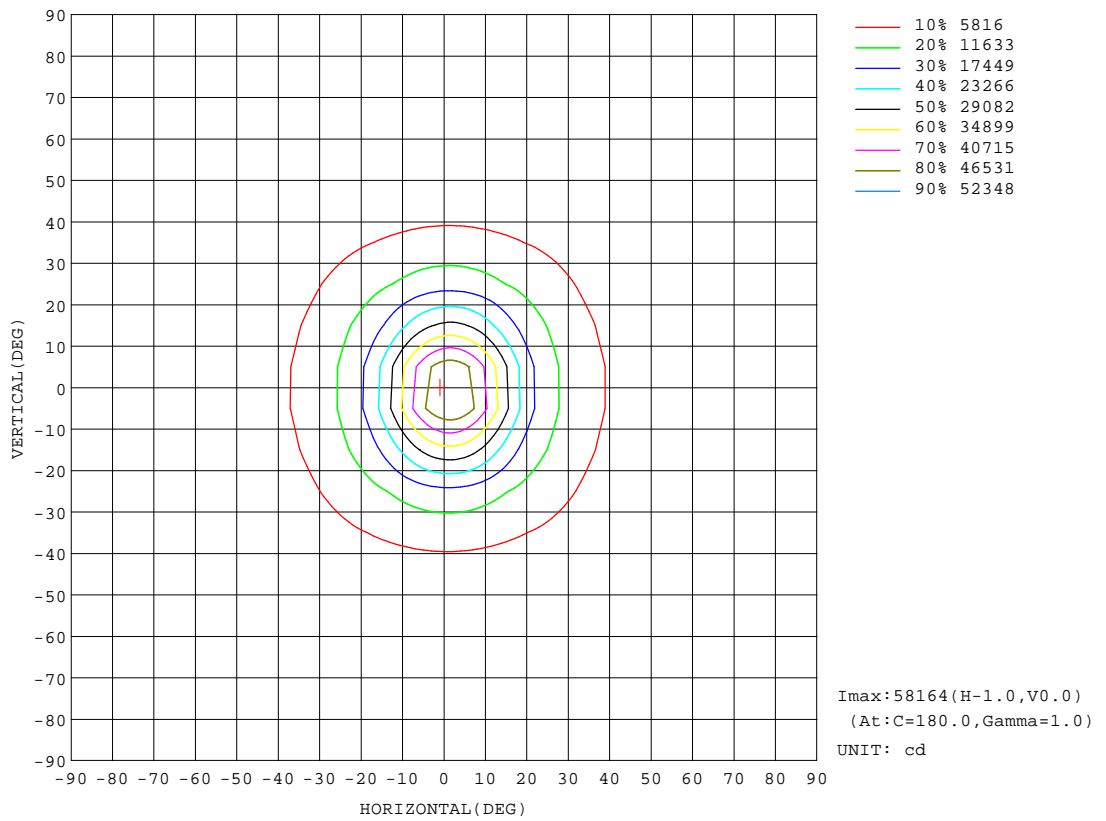
Maximum Intensity (Luminaire orientation as tested.)		2006.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	76.2V x 77.2H 32.0V x 31.0H 8.1V x 11.5H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.9 lumens per klm. 818.6 lumens per klm. 321.8 lumens per klm. 33.9 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:09 July 2024

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:220.5V I:0.9252A P:199.4W PF:0.9775 Freq:59.90Hz Lamp Flux:28981.9x1 lm		
NAME: RK-FL200W-07-G11-30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

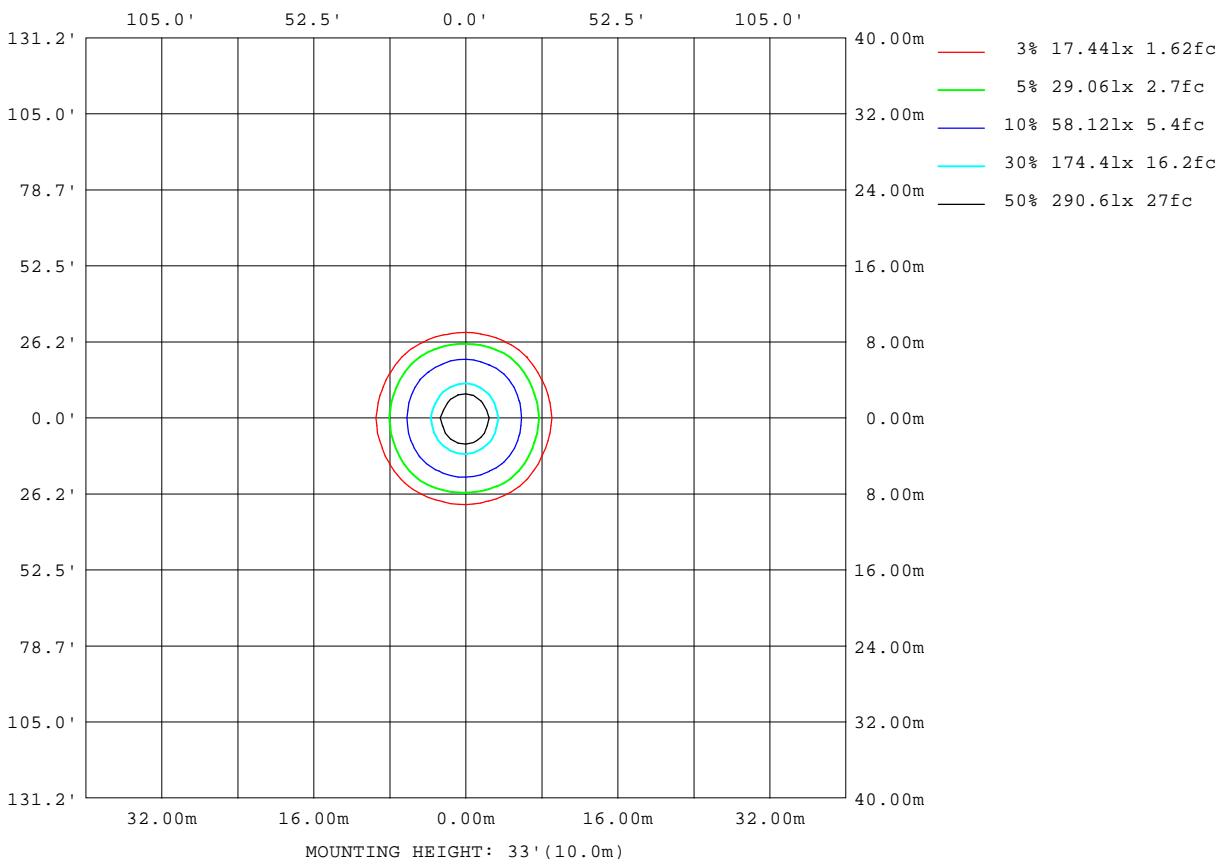


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:09 July 2024

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

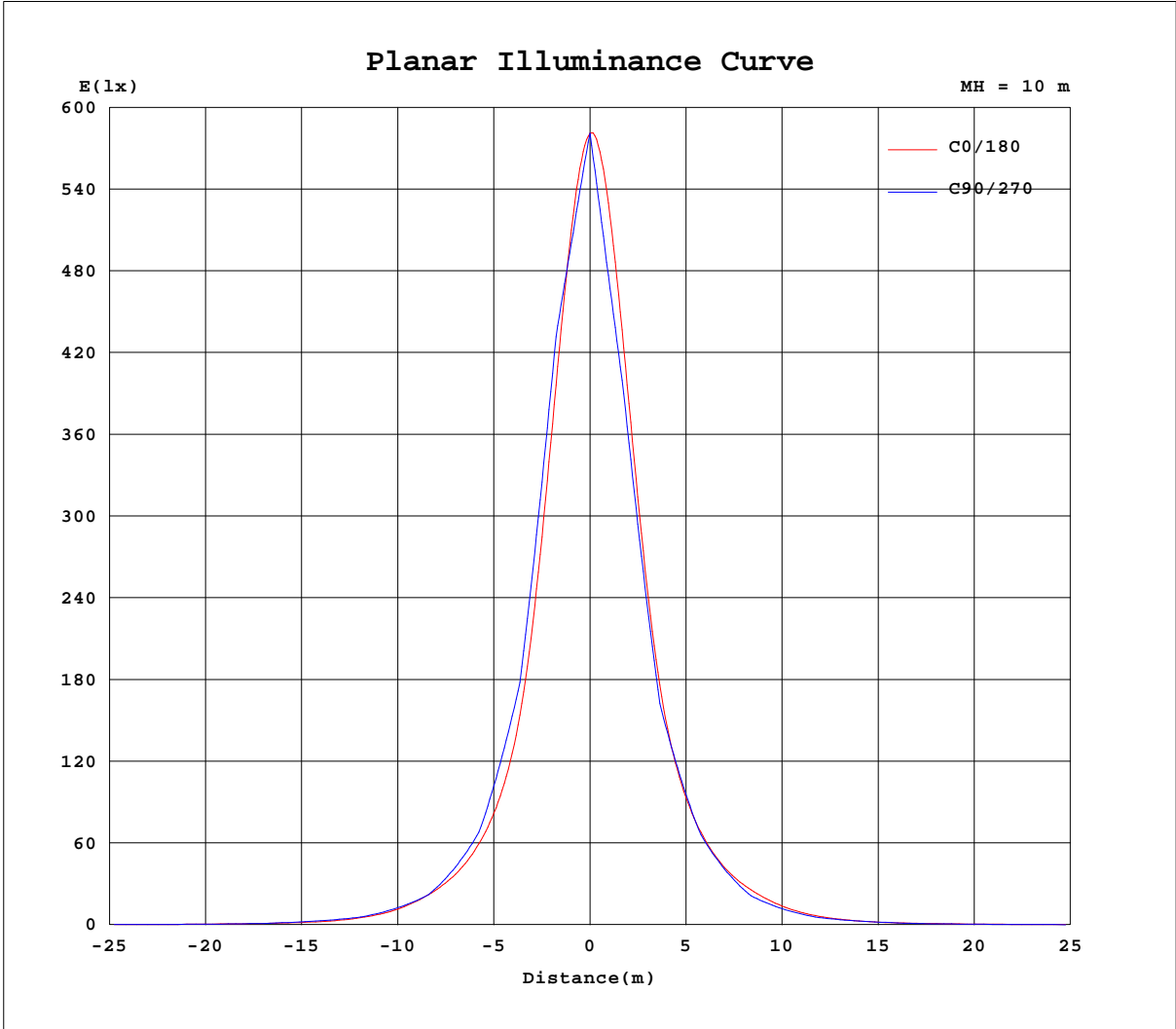
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Remarks:

Planar Illuminance Curve



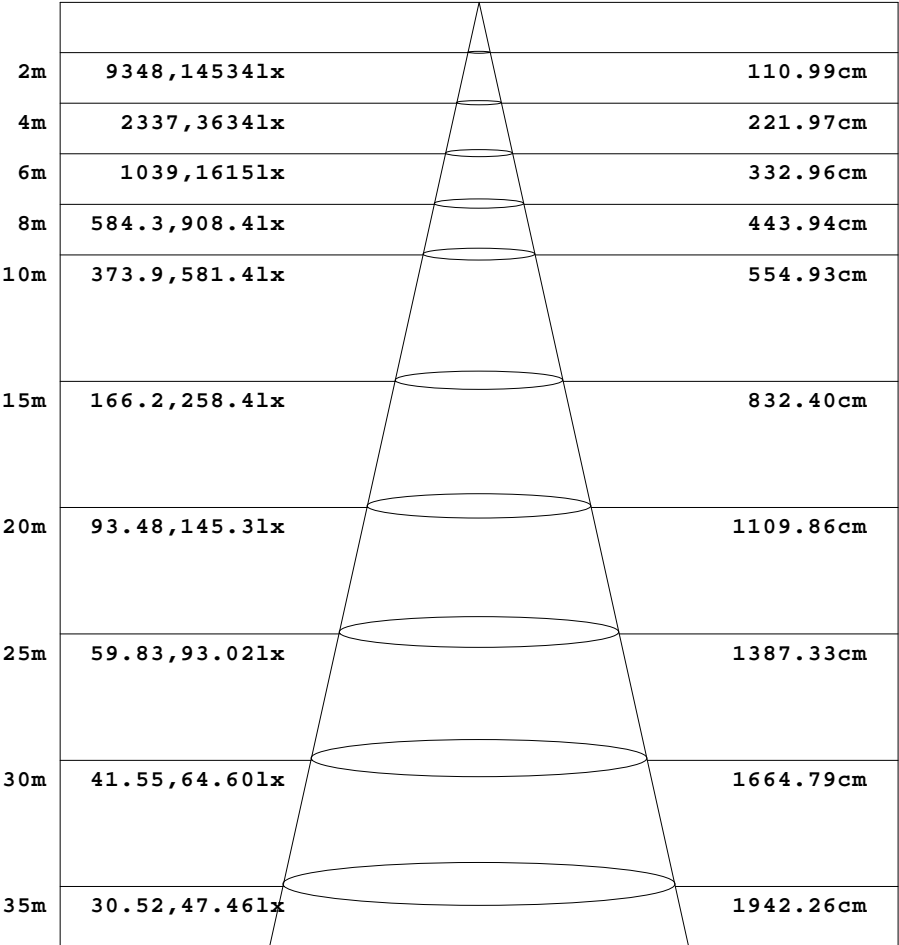
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AAI Figure

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SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:9659 lm



Height Eavg, Emax Angle:31.01deg Diameter

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

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Operators:DAMIN
Test Date:09 July 2024

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

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SPEC.:	DIM.:	SERIAL No.:1
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	0.75	0.82	1.08	1.31	1.62	1.97	2.39	2.86	3.38	3.89	4.36	4.85	5.29	5.71	6.08	6.36	6.60	6.84	6.96
-75	0.66	0.69	1.02	1.65	2.58	3.82	5.29	6.93	8.80	10.7	12.4	14.0	15.5	16.9	18.1	19.1	20.1	20.9	21.4
-70	0.56	0.74	1.42	2.63	4.48	6.80	9.48	12.4	15.7	18.9	21.8	24.3	26.8	29.1	30.9	32.7	34.3	35.5	36.0
-65	0.50	0.53	1.38	3.18	5.99	9.53	13.7	18.2	23.1	27.9	32.4	36.4	40.4	44.3	47.9	51.4	54.5	56.7	58.0
-60	0.42	0.80	2.50	5.78	10.2	15.4	21.4	27.8	34.4	40.5	46.3	51.6	57.2	62.4	67.7	72.7	76.6	79.3	80.2
-55	0.39	0.47	2.10	5.77	11.1	17.6	24.9	33.0	41.5	50.1	58.6	67.8	78.7	91.5	107	122	136	145	149
-50	0.34	1.00	4.10	9.70	16.9	25.2	34.9	45.0	55.5	66.3	78.0	92.3	110	132	159	183	203	215	219
-45	0.33	0.46	3.21	9.10	17.2	26.7	37.5	49.6	62.5	77.8	100	129	164	208	257	299	329	349	357
-40	0.30	1.46	6.38	14.7	24.9	36.5	49.5	64.1	80.7	105	144	192	251	323	391	441	474	492	496
-35	0.30	0.47	4.54	12.7	23.6	36.3	50.7	67.4	89.0	127	185	258	345	451	557	637	702	751	773
-30	0.29	1.89	8.40	19.0	32.2	47.2	64.6	85.8	123	191	282	389	520	667	792	889	974	1035	1049
-25	0.30	0.48	5.76	15.9	29.1	44.6	62.6	85.0	125	200	304	427	580	762	941	1116	1317	1502	1596
-20	0.29	2.24	10.1	22.7	38.0	55.8	76.9	109	179	287	421	579	781	1004	1225	1501	1820	2074	2145
-15	0.30	0.50	6.61	18.1	33.2	50.6	71.4	100	163	270	413	574	781	1042	1355	1806	2420	3006	3320
-10	0.30	2.46	11.1	24.8	42.0	61.3	85.4	130	222	362	530	720	980	1314	1799	2577	3524	4278	4521
-5	0.30	0.53	7.06	19.3	35.4	54.0	76.4	110	187	314	481	661	896	1220	1691	2477	3544	4561	5138
0	0.29	2.55	11.6	25.8	43.2	63.5	89.0	139	240	394	571	769	1048	1454	2121	3190	4435	5459	5812
5	0.30	0.52	7.03	19.1	35.1	53.7	75.9	109	185	311	476	656	891	1211	1664	2406	3409	4366	4917
10	0.30	2.43	11.0	24.5	41.4	60.5	84.4	128	218	356	521	711	968	1286	1716	2386	3201	3857	4083
15	0.30	0.51	6.52	17.8	32.6	49.8	70.4	98.8	159	264	404	563	769	1023	1312	1706	2230	2730	3005
20	0.30	2.23	9.94	22.2	37.0	54.6	75.5	107	173	278	409	563	765	982	1187	1425	1689	1895	1958
25	0.31	0.53	5.65	15.4	28.3	43.4	61.2	83.3	121	192	293	413	562	739	911	1071	1246	1404	1486
30	0.34	1.91	8.15	18.3	31.1	45.8	62.9	83.7	117	181	268	373	499	639	760	855	940	1002	1019
35	0.34	0.55	4.47	12.3	22.7	35.0	49.0	65.3	86.2	121	175	245	328	429	530	609	674	723	747
40	0.37	1.53	6.19	14.0	23.8	34.9	47.6	62.0	78.2	99.9	135	180	234	302	368	418	451	471	476
45	0.38	0.55	3.25	8.78	16.5	25.5	36.0	47.7	60.4	75.1	95.3	122	155	195	241	281	311	330	339
50	0.42	1.12	4.12	9.35	16.2	24.2	33.4	43.2	53.7	64.5	75.7	88.8	105	125	149	170	188	200	203
55	0.43	0.55	2.16	5.54	10.5	16.5	23.4	31.1	39.3	47.8	56.1	64.8	74.8	86.7	101	115	127	135	139
60	0.46	0.88	2.46	5.40	9.34	14.1	19.5	25.4	31.7	37.6	43.3	48.6	53.7	59.4	64.5	69.3	72.9	75.3	76.0
65	0.47	0.54	1.35	2.96	5.41	8.52	12.1	16.1	20.6	25.0	29.3	33.2	37.0	40.9	44.4	47.7	50.6	52.6	53.7
70	0.51	0.69	1.28	2.33	3.84	5.68	7.86	10.3	13.1	15.8	18.5	20.9	23.3	25.3	27.0	28.6	30.0	31.1	31.5
75	0.52	0.55	0.81	1.34	2.09	3.07	4.19	5.49	6.92	8.43	9.92	11.3	12.6	13.8	14.8	15.7	16.5	17.2	17.6
80	0.56	0.57	0.71	0.89	1.09	1.31	1.53	1.76	2.01	2.25	2.48	2.71	2.93	3.13	3.30	3.45	3.57	3.67	3.71
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
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
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SPEC.:	DIM.:	SERIAL No.:1
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	6.87	6.65	6.39	6.12	5.76	5.37	4.94	4.47	3.99	3.47	2.96	2.50	2.05	1.66	1.36	1.09	0.87	0.79
-75	21.4	20.8	20.0	18.9	17.8	16.6	15.2	13.7	12.2	10.4	8.60	6.72	5.07	3.61	2.42	1.53	0.93	0.75
-70	35.5	34.4	32.7	30.9	28.9	26.7	24.2	21.8	19.0	16.0	12.6	9.59	6.86	4.53	2.70	1.41	0.72	0.62
-65	57.7	56.0	53.4	50.1	46.6	43.0	39.2	35.3	31.4	27.0	22.3	17.3	12.7	8.70	5.29	2.66	1.05	0.56
-60	78.9	75.7	71.5	66.6	61.4	56.3	51.0	45.8	40.3	34.3	27.7	21.3	15.2	9.98	5.60	2.39	0.66	0.47
-55	148	141	129	114	98.7	84.4	73.5	64.2	55.8	47.8	39.4	31.0	23.0	15.9	9.69	4.68	1.48	0.42
-50	212	197	175	149	124	103	88.3	75.7	64.9	54.6	44.2	34.3	25.0	16.6	9.40	3.90	0.74	0.35
-45	353	338	311	274	228	180	141	112	88.2	70.9	57.6	45.7	34.3	23.9	14.8	7.17	2.10	0.34
-40	485	460	420	363	293	223	170	128	96.1	76.1	61.3	47.8	35.1	23.7	13.6	5.65	0.89	0.31
-35	761	718	658	585	493	383	286	210	149	105	77.8	60.6	45.5	31.9	19.9	9.76	2.77	0.30
-30	1008	931	842	739	606	460	338	240	162	107	79.6	61.3	44.7	30.3	17.6	7.43	1.14	0.28
-25	1556	1394	1185	997	828	646	475	345	237	154	101	74.2	55.4	39.1	24.5	12.2	3.44	0.27
-20	1998	1691	1369	1120	906	689	500	359	239	149	96.8	71.7	52.5	35.8	20.8	8.85	1.49	0.30
-15	3225	2749	2093	1528	1156	878	643	468	324	204	125	85.1	63.0	44.4	28.1	14.1	4.00	0.26
-10	4145	3293	2319	1598	1172	868	633	459	305	186	113	79.3	57.9	39.5	23.2	9.98	1.82	0.29
-5	4971	4156	3034	2026	1393	1012	740	544	379	236	141	91.8	67.3	47.4	30.1	15.1	4.34	0.26
0	5267	4148	2872	1858	1272	919	675	496	330	199	119	82.3	59.9	41.2	24.1	10.3	1.91	0.30
5	4766	4001	2948	1996	1385	1008	737	544	378	236	141	91.9	67.5	47.5	30.3	15.2	4.43	0.27
10	3770	3037	2198	1563	1161	861	631	457	303	185	112	79.5	58.2	39.7	23.5	10.2	1.90	0.30
15	2935	2540	1983	1490	1145	869	638	466	322	203	124	85.4	63.3	44.7	28.4	14.4	4.21	0.29
20	1850	1609	1340	1112	898	680	496	357	238	148	97.1	72.1	52.9	36.2	21.3	9.21	1.62	0.32
25	1458	1330	1155	984	817	635	468	341	235	152	101	74.6	55.6	39.4	25.0	12.6	3.71	0.33
30	984	914	828	725	591	449	332	236	160	107	80.0	61.4	45.0	30.7	18.1	7.81	1.30	0.35
35	738	699	642	569	476	369	278	205	146	104	77.7	60.6	45.5	32.2	20.3	10.1	3.04	0.38
40	467	443	402	344	275	211	162	123	94.4	75.7	60.9	47.4	35.1	23.9	13.9	5.93	1.00	0.40
45	336	321	295	259	214	170	136	108	86.2	70.0	56.7	44.9	33.9	23.8	14.9	7.36	2.28	0.42
50	196	182	162	140	116	100.0	86.1	74.1	63.7	53.1	43.0	33.4	24.5	16.4	9.45	4.00	0.81	0.44
55	138	131	120	107	92.9	80.9	71.1	62.2	54.2	46.2	37.8	29.9	22.3	15.5	9.59	4.71	1.58	0.47
60	74.9	72.1	68.4	63.8	58.9	53.8	48.8	43.7	38.3	32.5	26.2	20.2	14.5	9.65	5.51	2.41	0.69	0.48
65	53.4	51.9	49.7	46.8	43.7	40.2	36.6	33.0	29.2	25.1	20.5	16.1	11.9	8.25	5.06	2.56	1.05	0.50
70	31.0	30.1	28.8	27.4	25.7	23.8	21.6	19.4	16.9	14.2	11.2	8.63	6.24	4.14	2.44	1.29	0.63	0.52
75	17.5	17.1	16.5	15.7	14.9	13.9	12.8	11.6	10.3	8.82	7.21	5.71	4.33	3.08	2.02	1.24	0.74	0.54
80	3.72	3.67	3.60	3.50	3.37	3.21	3.00	2.78	2.54	2.26	1.97	1.67	1.39	1.13	0.90	0.72	0.57	0.55
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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