

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		12034.0 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>	129.9V x 123.7H 72.4V x 67.4H 43.0V x 40.3H
Beam Flux	Total To 10% of I <sub>max</sub> To 50% of I <sub>max</sub> To 90% of I <sub>max</sub>	17341.1 lumens per klm. 16263.2 lumens per klm. 8773.5 lumens per klm. 1286.3 lumens per klm.
	Upward LOR Downward LOR	0.0 % 1734.1 %
Luminaire Efficiency (Light Output Ratio)		1737.2 %

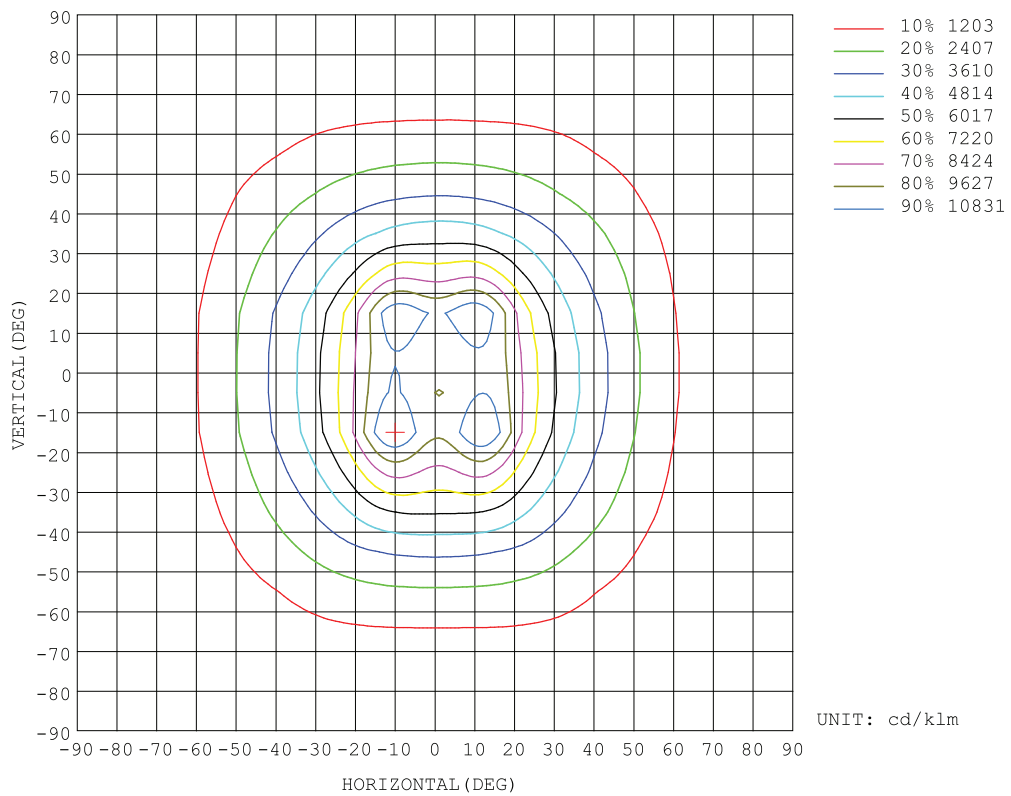
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:sepehrmonavar  
Test Date:20 September 2022

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.361  
Humidity:35%  
Test Distance:10.000m [K=1.0000]  
Remarks:



ISOCANDELA DIAGRAM

Test:U:219.9V I:1.294A P:148.7W PF:0.5210 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: SOLED-150W-WH-NEW	TYPE:SMD	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Sepehr Monavar Co.	SUR.:	Shielding Angle:

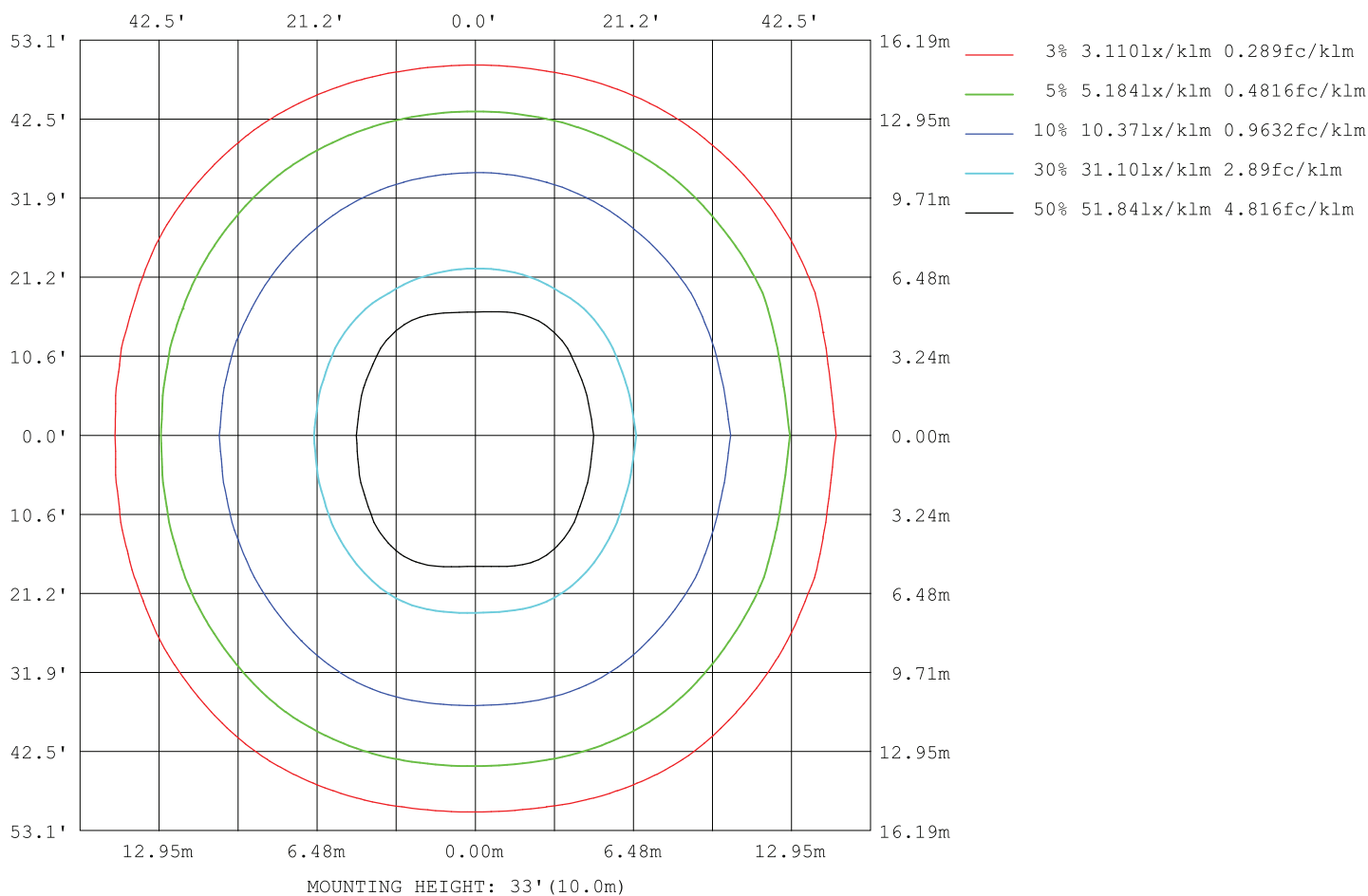


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V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.361  
 Humidity:35%  
 Test Distance:10.000m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

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MFR.: Sepehr Monavar Co.	SUR.:	Shielding Angle:

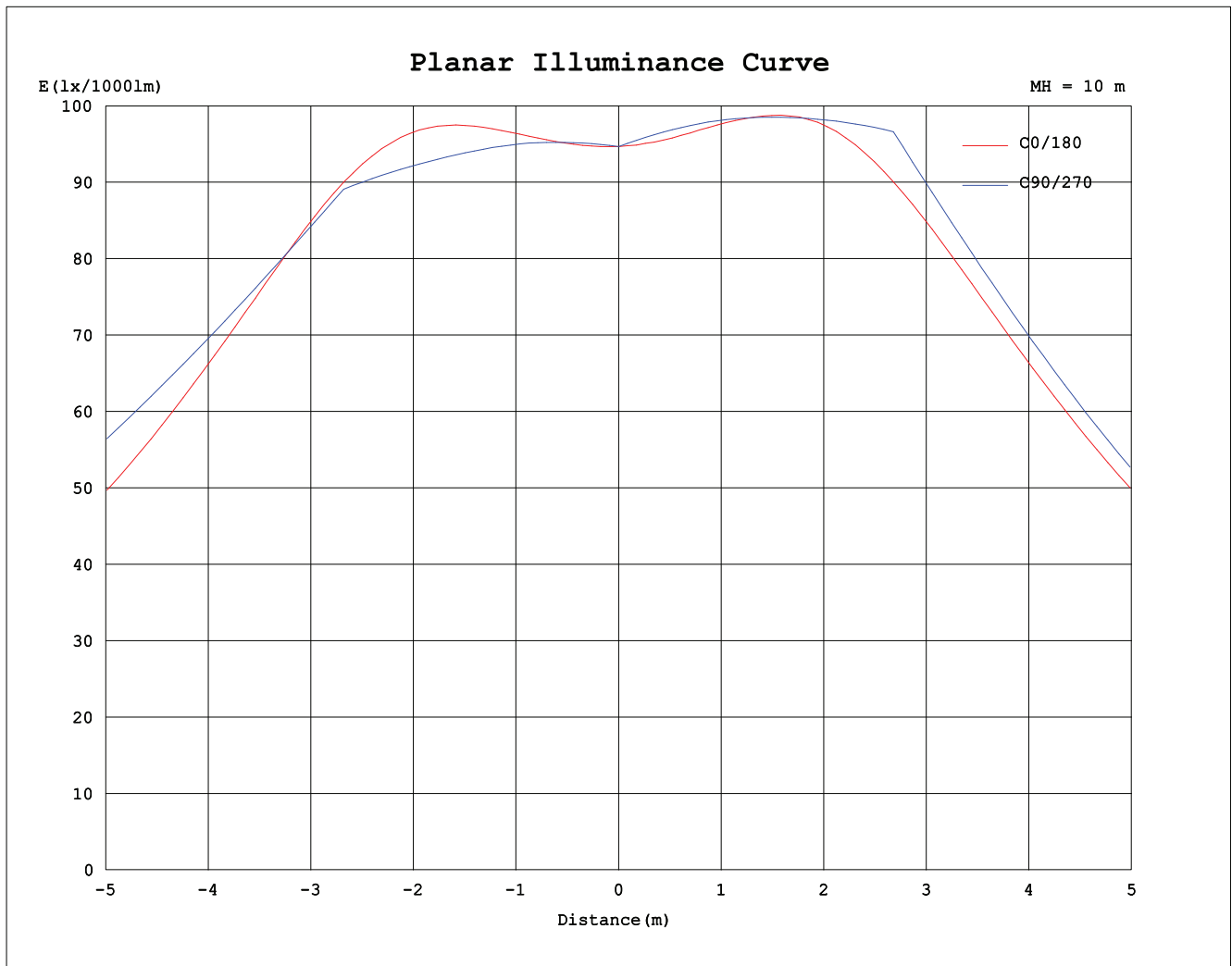


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Remarks:



Planar Illuminance Curve

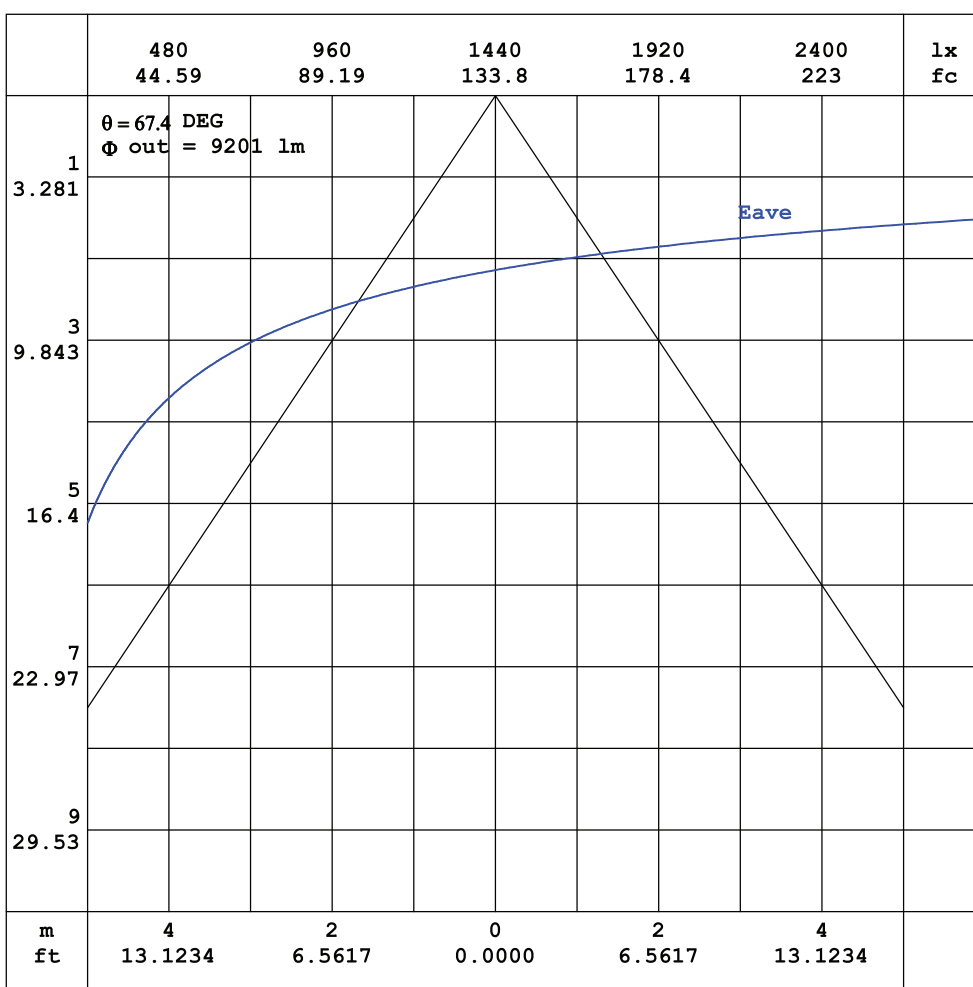


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 Remarks:

AAI CURVES

Test:U:219.9V I:1.294A P:148.7W PF:0.5210 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: SOLED-150W-WH-NEW	TYPE:SMD	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Sepehr Monavar Co.	SUR.:	Shielding Angle:



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

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 Temperature:25.3DEG  
 Operators:sepehrmonavar  
 Test Date:20 September 2022

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:	DIM.:	SERIAL No.:
MFR.: Sepehr Monavar Co.	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

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	0.00	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
-75	2.67	2.78	3.25	3.59	4.67	13.0	88.2	157	223	283	354	386	430	464	458	430	400	381	371
-70	2.69	3.09	3.86	15.7	41.7	77.1	161	235	319	422	522	600	677	730	750	752	745	741	737
-65	2.83	3.05	3.72	18.7	68.4	118	200	283	382	510	653	776	896	983	1038	1075	1094	1100	1105
-60	2.82	3.49	4.83	40.0	114	187	274	366	488	661	838	1003	1156	1260	1344	1409	1444	1463	1471
-55	3.02	3.42	8.36	54.0	138	228	349	499	692	928	1171	1407	1641	1839	2000	2124	2203	2239	2254
-50	3.01	3.80	22.4	98.8	196	312	479	702	982	1296	1599	1904	2212	2484	2711	2880	2978	3024	3034
-45	3.22	3.89	17.2	110	212	344	537	803	1153	1538	1907	2279	2664	3031	3342	3578	3725	3796	3817
-40	3.21	4.17	42.3	149	270	439	692	1045	1452	1898	2339	2801	3289	3784	4272	4677	4904	4971	4965
-35	3.48	4.13	35.5	144	273	456	731	1128	1581	2076	2596	3134	3716	4342	5013	5640	6020	6137	6119
-30	3.42	4.60	64.7	190	337	567	912	1394	1897	2466	3059	3693	4386	5160	6027	6800	7222	7305	7264
-25	3.72	4.41	54.7	179	333	564	927	1424	1965	2571	3213	3904	4692	5629	6797	8092	8790	8505	8144
-20	3.65	5.80	89.8	227	405	682	1126	1668	2259	2935	3630	4414	5343	6523	8093	9821	10371	9506	9004
-15	3.95	4.75	74.9	214	392	666	1123	1690	2304	3024	3761	4591	5594	6890	8694	10936	12034	10901	9890
-10	3.88	6.40	101	248	445	751	1253	1825	2485	3230	3990	4862	5917	7267	9019	10887	11405	10348	9740
-5	4.24	4.89	73.7	218	402	687	1159	1727	2382	3141	3902	4761	5785	7041	8581	10186	10910	10264	9627
0	4.11	6.41	97.7	253	456	773	1292	1866	2578	3350	4138	5038	6109	7393	8806	9999	10321	9832	9471
5	4.44	5.16	75.0	222	405	690	1162	1728	2377	3135	3890	4735	5737	6955	8414	9951	10790	10397	9905
10	4.30	7.06	103	255	451	758	1260	1825	2474	3216	3962	4802	5811	7072	8648	10427	11253	10700	10308
15	4.56	5.57	78.8	224	402	677	1133	1693	2288	3004	3724	4512	5449	6635	8195	10232	11674	11299	10725
20	4.61	6.99	93.2	236	415	695	1138	1660	2231	2890	3550	4278	5125	6157	7453	8999	9836	9512	9265
25	5.00	5.70	58.1	185	343	576	941	1416	1929	2511	3105	3738	4439	5230	6137	7161	7900	7925	7798
30	5.03	6.18	68.1	197	348	582	924	1372	1848	2372	2902	3465	4051	4645	5219	5717	6070	6267	6342
35	5.40	6.13	40.8	153	288	476	755	1135	1562	2017	2471	2941	3430	3921	4395	4813	5128	5313	5393
40	5.67	6.61	52.2	162	291	467	725	1068	1453	1846	2223	2610	3004	3391	3749	4057	4279	4407	4456
45	5.76	6.86	27.1	126	235	377	578	850	1186	1521	1825	2122	2421	2708	2968	3189	3357	3463	3511
50	6.37	7.31	32.9	116	220	343	518	745	1013	1287	1541	1791	2034	2249	2437	2595	2707	2776	2802
55	6.69	7.77	15.0	71.0	158	254	381	538	730	946	1158	1359	1553	1707	1836	1943	2019	2067	2090
60	7.14	8.28	10.3	58.3	134	209	303	403	530	693	857	1008	1140	1220	1281	1329	1355	1372	1380
65	7.61	8.81	9.44	32.9	83.8	133	206	294	386	502	625	737	844	917	968	1005	1027	1044	1049
70	8.57	9.36	10.6	26.9	52.5	80.8	145	218	283	362	442	513	583	636	672	692	706	721	718
75	8.53	9.98	10.5	11.2	11.4	15.5	53.6	116	154	190	227	258	296	338	364	373	379	395	387
80	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
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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MFR.: Sepehr Monavar Co.	SUR.:	Shielding Angle:

Table--2

UNIT: cd/klm

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	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
-75	382	398	430	468	480	487	480	463	414	333	240	133	22.5	5.43	3.80	3.41	2.88	2.49
-70	744	749	763	766	746	712	656	578	491	374	268	168	79.1	52.8	17.6	3.61	2.80	2.54
-65	1103	1096	1092	1067	1018	954	851	733	598	456	341	244	157	111	48.1	4.79	3.31	2.48
-60	1459	1444	1414	1352	1270	1162	1002	833	655	489	371	282	212	149	45.2	4.26	3.25	2.56
-55	2241	2211	2156	2052	1906	1719	1485	1243	1003	760	555	397	278	193	97.0	17.9	3.62	2.47
-50	3013	2964	2863	2699	2476	2188	1869	1559	1255	942	668	458	308	202	104	16.3	3.56	2.58
-45	3798	3742	3621	3423	3144	2781	2383	1994	1629	1245	880	592	387	252	150	42.8	3.81	2.49
-40	4945	4876	4644	4243	3764	3256	2761	2292	1847	1403	1002	662	420	264	154	40.6	3.80	2.59
-35	6101	6055	5792	5243	4582	3934	3334	2769	2245	1731	1276	851	530	330	198	84.6	4.69	2.60
-30	7253	7179	6757	5981	5135	4365	3677	3032	2431	1872	1373	895	548	335	195	77.1	3.98	2.61
-25	8332	8752	8370	7175	5955	4959	4139	3416	2762	2134	1591	1070	653	397	236	111	5.68	2.73
-20	9598	10360	9578	7849	6342	5202	4300	3529	2833	2170	1598	1056	635	383	222	88.8	4.32	2.76
-15	10489	11832	11357	9221	7263	5856	4796	3935	3180	2454	1825	1249	754	453	265	121	6.79	2.89
-10	10420	11366	10656	8787	7080	5770	4744	3891	3132	2404	1764	1191	713	424	245	104	4.98	3.02
-5	9915	10692	10533	9127	7511	6155	5070	4168	3381	2636	1939	1358	832	491	286	138	10.4	3.26
0	9719	10197	9990	8796	7350	6069	5009	4117	3331	2574	1872	1299	780	461	267	124	5.96	3.36
5	10149	10673	10321	8937	7396	6088	5033	4148	3371	2629	1939	1363	836	494	290	142	10.9	3.78
10	10820	11206	10215	8438	6872	5652	4679	3856	3114	2391	1768	1201	722	431	252	111	5.91	4.14
15	11191	11774	10721	8649	6918	5655	4687	3875	3149	2432	1825	1264	766	462	276	133	8.34	4.43
20	9683	9844	8793	7248	5975	4985	4169	3458	2801	2159	1612	1084	660	399	236	103	6.24	5.01
25	7948	8035	7449	6436	5491	4675	3960	3314	2714	2129	1608	1110	690	421	255	129	8.69	5.46
30	6310	6109	5724	5224	4659	4068	3480	2924	2392	1879	1404	948	595	364	220	99.8	6.96	5.97
35	5381	5244	4956	4562	4109	3620	3126	2652	2194	1742	1308	901	576	361	220	104	8.61	6.51
40	4422	4286	4043	3727	3364	2975	2577	2195	1817	1426	1042	708	459	291	174	56.1	7.71	7.18
45	3491	3400	3242	3026	2771	2489	2186	1889	1590	1270	925	635	423	280	171	58.4	8.10	7.58
50	2775	2699	2577	2413	2218	2000	1755	1507	1251	979	713	498	339	227	126	26.4	8.52	8.23
55	2080	2035	1969	1870	1747	1604	1425	1222	1016	799	601	437	306	218	122	27.9	9.01	8.53
60	1370	1348	1326	1282	1221	1143	1013	858	697	537	418	318	235	173	74.9	10.8	9.39	9.11
65	1050	1033	1020	994	952	888	798	685	570	453	358	274	192	130	68.4	11.8	9.53	9.15
70	726	712	706	692	661	603	537	468	399	329	261	196	119	66.2	31.4	10.4	9.59	9.35
75	403	395	395	398	387	341	306	277	251	231	195	148	79.5	14.4	9.79	10.1	9.66	9.44
80	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
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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