

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

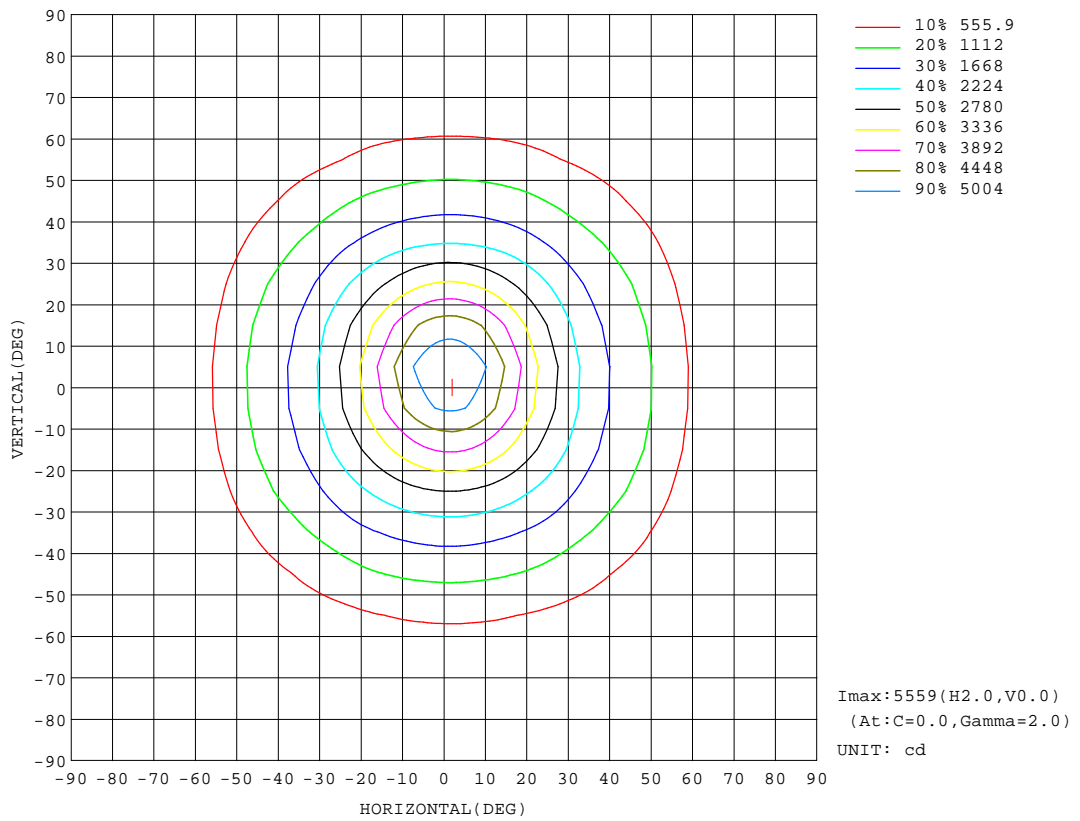
Maximum Intensity (Luminaire orientation as tested.)		874.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	115.9V x 115.2H 54.5V x 53.6H 19.2V x 19.0H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	999.4 lumens per klm. 926.2 lumens per klm. 420.8 lumens per klm. 71.8 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.9 %
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: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:229.5V I:0.2271A P:50.33W PF:0.9654 Freq:50.00Hz Lamp Flux:6358.37x1 lm		
NAME: FL50W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

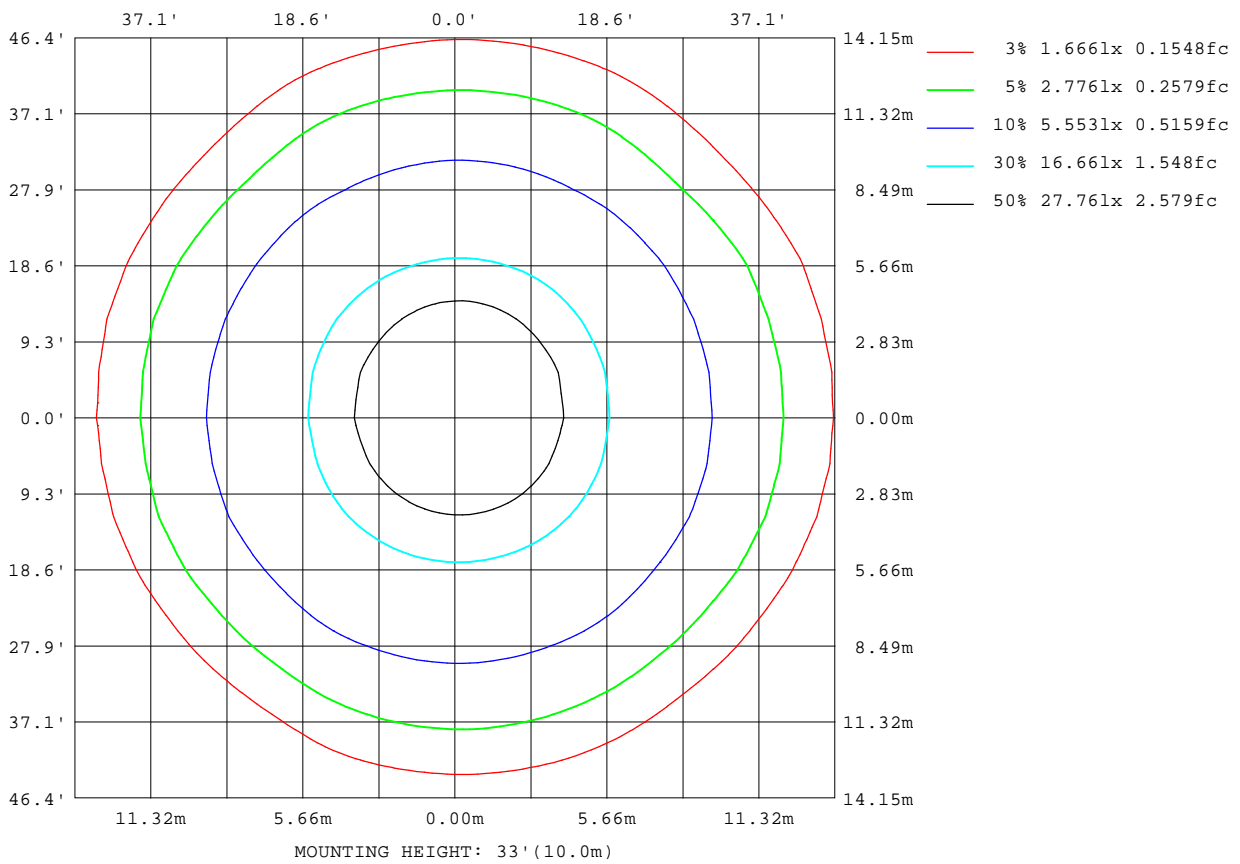


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

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:

ISOLUX DIAGRAM

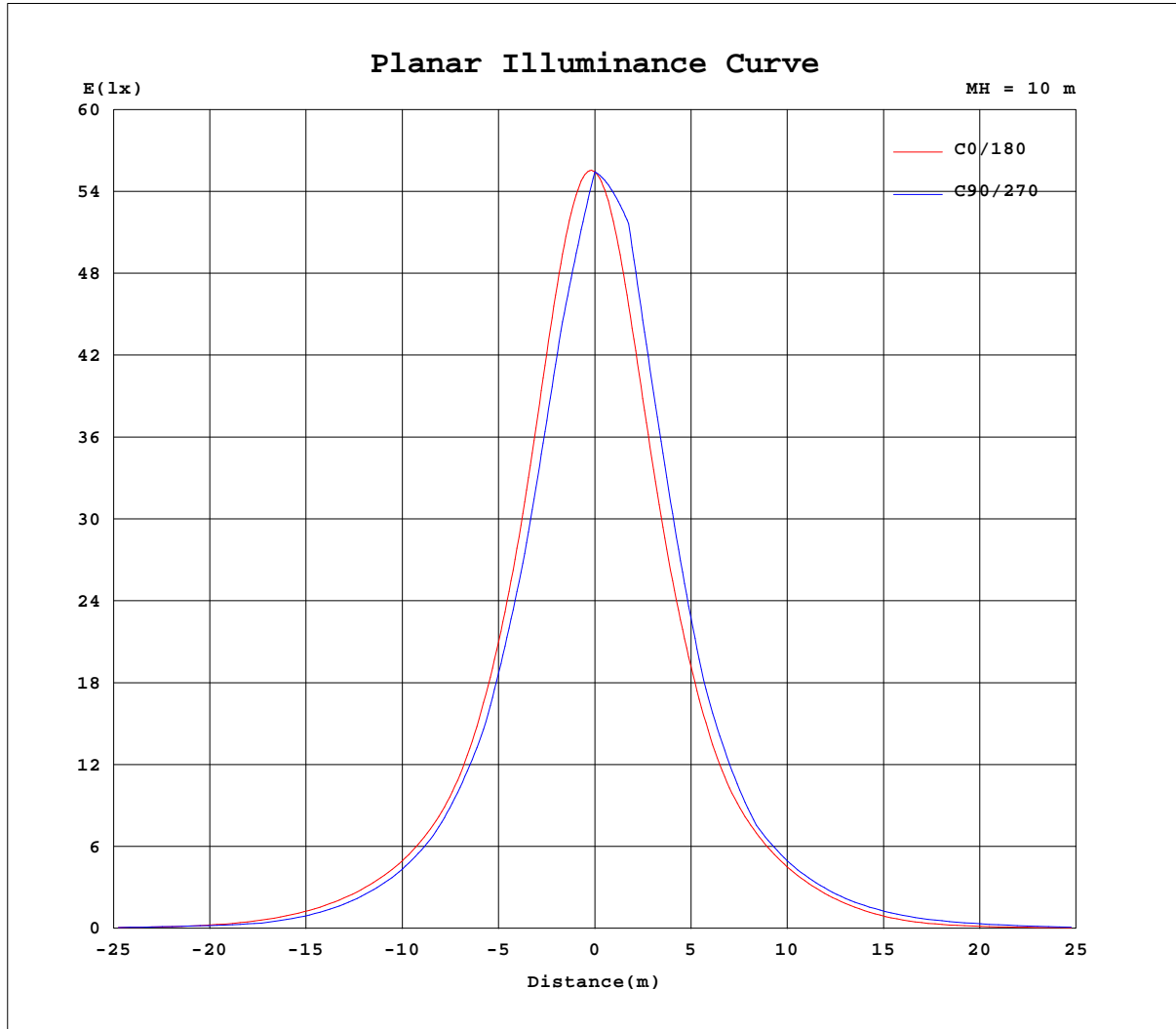
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NAME: FL50W-06-G7-60D	TYPE:	WEIGHT:
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V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

Planar Illuminance Curve



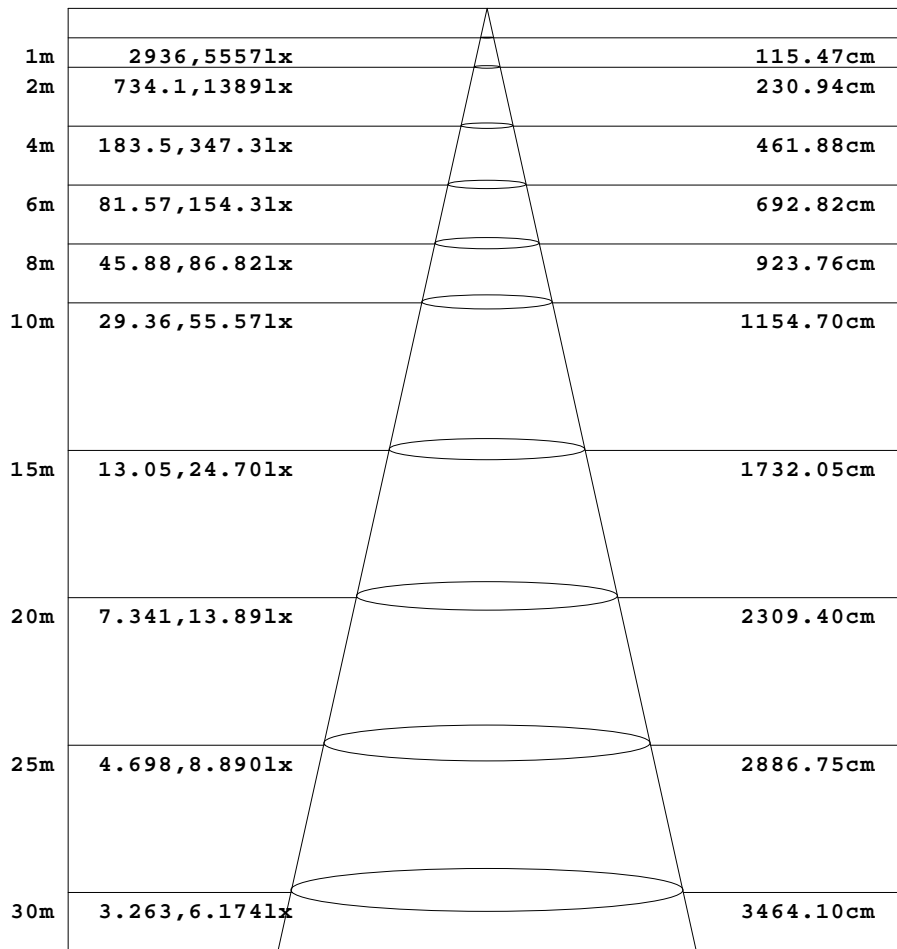
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Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 October 2023

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
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AAI Figure

Test:U:229.5V I:0.2271A P:50.33W PF:0.9654 Freq:50.00Hz Lamp Flux:6358.37x1 lm		
NAME: FL50W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Flux out:3075 lm



Height Eavg, Emax Angle:60.00deg Diameter

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

H(β) Range:-90 - 90DEG
H(β) 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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.5V I:0.2271A P:50.33W PF:0.9654 Freq:50.00Hz Lamp Flux:6358.37x1 lm		
NAME: FL50W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

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	19.5	21.2	22.7	24.0	25.4	26.7	28.1	29.7	31.4	33.2	35.3	37.6	39.9	41.2	43.9	45.8	46.3	46.7	47.0
-75	19.3	21.4	23.9	26.3	29.6	33.5	37.7	43.5	48.1	52.4	58.0	65.4	71.5	76.3	81.4	85.3	87.0	87.3	87.7
-70	19.2	21.6	25.1	28.7	33.8	40.4	47.2	57.2	64.7	71.6	80.8	93.1	103	111	119	125	128	128	128
-65	18.9	21.8	26.2	32.1	41.1	52.2	63.9	78.4	91.7	104	119	135	149	163	179	196	211	220	226
-60	18.7	21.9	27.4	35.6	48.4	63.9	80.6	99.6	119	137	157	176	195	216	239	267	294	313	323
-55	18.4	21.6	28.4	39.5	56.2	76.2	98.9	123	149	178	219	279	345	412	483	547	593	622	638
-50	18.1	21.4	29.4	43.4	64.1	88.4	117	147	180	219	282	381	496	608	726	827	892	931	952
-45	17.5	20.8	30.4	47.7	71.6	101	135	174	232	329	456	598	735	866	1001	1101	1169	1213	1235
-40	16.8	20.3	31.5	51.9	79.1	114	154	200	285	439	631	814	974	1124	1276	1375	1446	1494	1517
-35	16.1	19.4	32.2	55.4	85.0	124	171	249	403	610	824	1015	1193	1379	1554	1681	1781	1849	1882
-30	15.3	18.5	32.9	58.9	90.8	135	188	297	521	781	1017	1215	1411	1634	1832	1988	2116	2205	2248
-25	14.4	17.6	33.6	61.6	95.4	142	211	376	643	920	1164	1384	1623	1903	2154	2373	2566	2710	2780
-20	13.4	16.6	34.3	64.3	100	150	234	454	765	1059	1310	1553	1835	2172	2475	2759	3016	3215	3312
-15	12.6	15.4	34.2	65.4	102	153	258	517	840	1134	1394	1659	1990	2382	2766	3151	3517	3806	3949
-10	11.7	14.3	34.0	66.5	104	157	282	580	915	1209	1478	1765	2145	2593	3057	3543	4017	4397	4585
-5	11.0	13.4	33.8	66.7	104	159	296	609	948	1244	1519	1820	2233	2723	3252	3828	4398	4848	5065
0	10.3	12.6	33.5	67.0	105	160	310	638	981	1280	1559	1875	2321	2853	3447	4114	4779	5298	5545
5	9.68	11.7	32.3	65.4	103	157	302	621	963	1258	1534	1844	2281	2804	3383	4040	4704	5226	5476
10	9.10	10.8	31.1	63.7	100	154	294	604	945	1237	1509	1813	2242	2754	3319	3966	4629	5155	5406
15	8.76	10.2	29.8	61.2	96.9	148	266	550	884	1173	1432	1715	2097	2556	3037	3571	4112	4543	4750
20	8.42	9.63	28.5	58.7	93.4	142	239	495	824	1110	1355	1617	1953	2357	2756	3176	3594	3932	4093
25	8.41	9.48	26.6	54.8	87.7	133	209	413	711	990	1229	1464	1747	2085	2407	2726	3033	3276	3396
30	8.40	9.33	24.7	50.9	82.1	125	179	330	598	871	1103	1312	1540	1812	2058	2276	2472	2621	2698
35	8.68	9.50	23.2	46.8	75.6	114	160	264	465	705	927	1119	1310	1529	1726	1890	2031	2138	2193
40	8.97	9.67	21.6	42.7	69.2	103	141	197	333	540	751	925	1079	1245	1395	1503	1590	1654	1689
45	9.49	10.1	20.2	38.1	61.6	90.9	123	166	253	392	562	727	876	1023	1162	1259	1329	1380	1409
50	10.0	10.5	18.7	33.4	54.0	78.5	106	135	172	243	374	528	672	801	930	1014	1069	1107	1129
55	10.6	11.0	17.7	29.5	46.6	67.0	89.5	114	142	188	264	356	450	545	645	724	779	815	836
60	11.3	11.6	16.7	25.7	39.1	55.5	73.0	92.0	111	132	155	184	229	289	361	435	488	524	543
65	11.9	12.1	15.9	22.3	32.3	44.3	58.1	72.5	86.8	102	120	140	167	202	243	283	312	330	339
70	12.4	12.6	15.1	19.0	25.5	33.2	43.3	53.0	62.5	72.3	84.3	95.3	106	115	124	131	135	135	136
75	12.9	13.0	14.7	17.2	21.2	26.1	32.4	38.9	45.1	51.6	59.3	67.3	74.7	81.2	87.1	91.6	94.2	94.8	95.5
80	13.4	13.4	14.2	15.4	16.9	19.0	21.5	24.8	27.7	30.9	34.4	39.2	43.6	47.0	50.1	51.9	53.1	54.4	55.1
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:19 October 2023

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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:

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NAME: FL50W-06-G7-60D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

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	47.3	47.7	47.9	48.0	46.4	44.4	43.6	41.2	39.1	37.5	35.8	34.0	32.0	30.1	28.3	26.8	25.0	22.0
-75	87.8	88.2	88.3	87.0	83.8	79.6	75.3	69.3	62.4	57.3	53.2	48.4	42.5	37.8	33.3	29.5	26.2	22.3
-70	128	129	129	126	121	115	107	97.4	85.6	77.1	70.5	62.8	52.9	45.6	38.2	32.2	27.4	22.7
-65	225	220	210	196	180	165	151	137	122	108	95.6	82.4	68.2	56.1	44.5	35.3	28.4	22.9
-60	322	311	291	265	239	216	196	177	158	139	121	102	83.4	66.5	50.9	38.5	29.5	23.1
-55	634	614	579	531	470	402	336	272	216	176	148	123	99.5	77.3	57.5	41.7	30.4	23.2
-50	946	918	868	796	700	588	477	366	273	213	176	145	116	88.1	64.2	44.9	31.3	23.2
-45	1227	1196	1141	1064	958	828	699	563	425	305	217	167	130	97.7	69.9	47.5	31.7	22.9
-40	1508	1474	1415	1332	1215	1068	921	760	577	397	258	188	145	107	75.6	50.2	32.2	22.7
-35	1870	1817	1734	1621	1476	1295	1119	946	753	545	351	222	159	115	80.0	52.4	32.4	22.0
-30	2232	2160	2053	1911	1738	1523	1316	1131	928	694	444	256	173	123	84.5	54.6	32.7	21.4
-25	2759	2650	2482	2269	2034	1762	1497	1279	1063	818	548	309	185	128	86.9	55.6	32.3	20.6
-20	3286	3140	2911	2627	2331	2001	1677	1426	1197	942	651	363	197	132	89.4	56.7	32.0	19.7
-15	3913	3702	3366	2971	2580	2185	1808	1519	1274	1016	721	411	210	134	90.7	57.1	31.2	18.7
-10	4539	4264	3820	3315	2830	2369	1939	1612	1352	1091	791	459	223	137	92.1	57.5	30.4	17.8
-5	5009	4682	4148	3541	2974	2460	1997	1652	1380	1114	814	478	228	135	91.4	56.5	29.3	16.8
0	5479	5101	4476	3768	3118	2551	2055	1691	1408	1137	836	498	233	134	90.6	55.5	28.1	15.8
5	5406	5027	4402	3702	3065	2508	2024	1669	1390	1122	823	486	228	131	88.8	54.1	27.0	14.9
10	5334	4954	4328	3636	3011	2465	1992	1647	1372	1106	809	474	223	128	87.0	52.8	25.9	13.9
15	4684	4363	3851	3289	2767	2289	1870	1562	1301	1041	749	432	207	123	83.2	50.1	24.5	13.2
20	4033	3771	3374	2941	2524	2114	1749	1477	1231	977	689	389	191	118	79.4	47.5	23.2	12.4
25	3354	3170	2887	2567	2235	1893	1592	1354	1126	879	600	331	175	112	75.3	44.8	21.5	11.8
30	2675	2568	2401	2192	1946	1672	1435	1230	1022	781	511	274	160	106	71.1	42.0	19.9	11.2
35	2177	2102	1981	1826	1633	1415	1225	1047	855	634	403	226	144	97.8	65.8	38.9	17.9	10.9
40	1679	1637	1561	1459	1320	1158	1014	865	688	487	295	179	129	89.6	60.5	35.7	15.9	10.6
45	1400	1367	1306	1220	1097	959	825	680	521	361	232	155	115	80.5	54.9	32.9	15.3	10.6
50	1121	1097	1050	982	874	760	637	496	353	235	169	131	100	71.4	49.4	30.1	14.7	10.7
55	830	807	764	702	616	526	434	341	255	184	140	111	85.5	62.3	43.4	27.2	14.4	11.2
60	539	517	478	422	358	292	232	187	157	134	112	91.0	70.8	53.1	37.3	24.4	14.2	11.6
65	339	329	308	277	242	206	171	143	123	106	89.2	73.6	58.6	44.7	32.3	22.3	14.2	12.1
70	138	141	138	132	126	119	110	99.7	88.4	78.0	66.9	56.2	46.3	36.2	27.3	20.2	14.3	12.6
75	96.9	98.1	96.9	93.9	89.9	84.9	78.2	70.5	63.1	56.6	49.6	42.3	35.7	29.2	23.3	18.6	14.3	13.0
80	55.4	55.6	55.9	55.3	53.3	50.5	46.2	41.3	37.8	35.3	32.4	28.3	25.1	22.2	19.4	17.0	14.4	13.4
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

H_(b) Range:-90 - 90DEG
H_(b) Interval: 1.0DEG
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