

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		1655.6 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}	139.1V x 133.9H 104.5V x 110.3H 71.9V x 76.7H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	4388.2 lumens per klm. 4327.1 lumens per klm. 3710.1 lumens per klm. 2167.0 lumens per klm.
	Upward LOR Downward LOR	0.0 % 438.8 %
Luminaire Efficiency(Light Output Ratio)		439.4 %

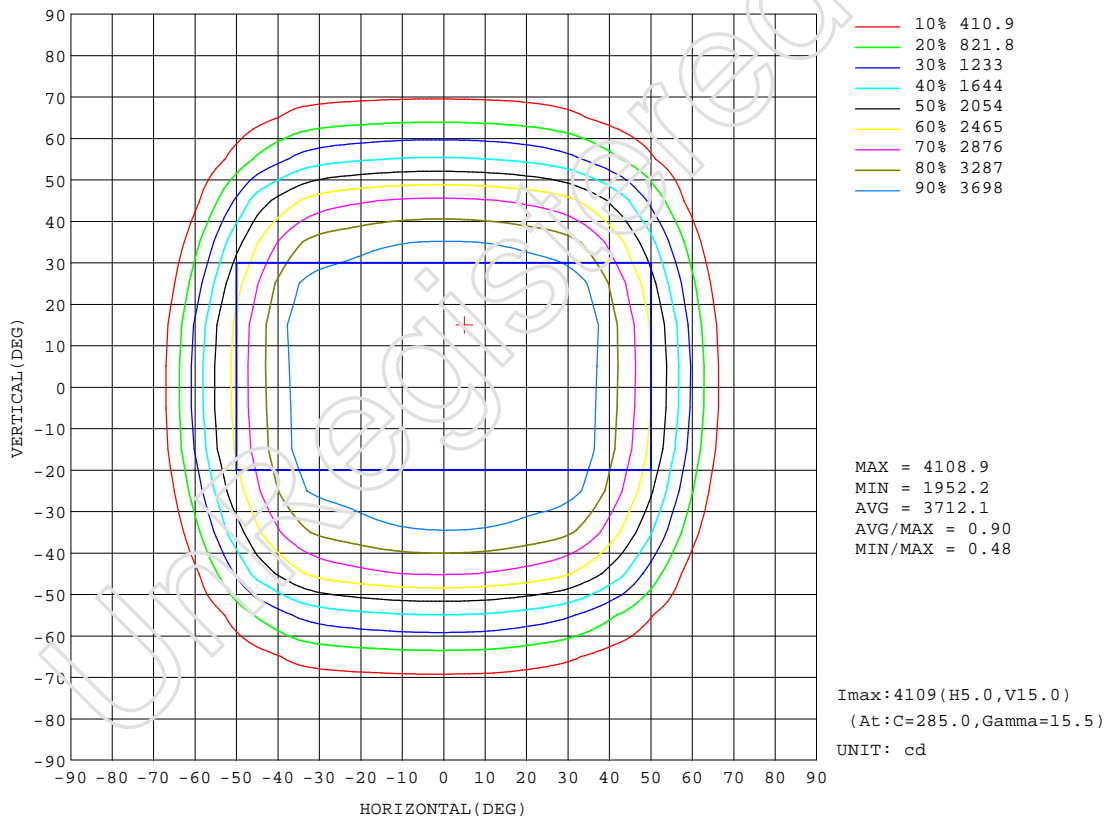
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2014-11-21

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:109.2V I:1.005A P:109.3W PF:0.9950 Lamp Flux:2481.76x1 lm		
NAME: 超频三路灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



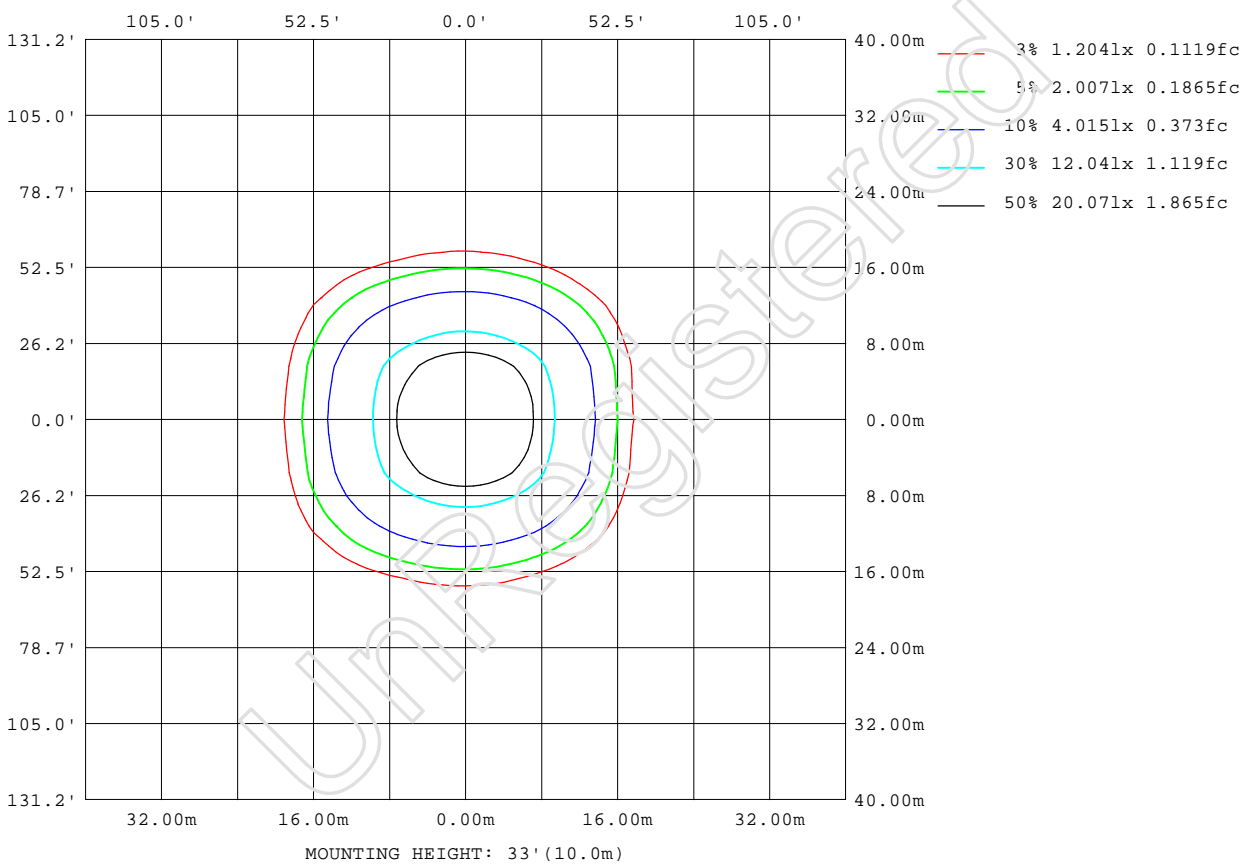
H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2014-11-21

V(B) Range: -75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:109.2V I:1.005A P:109.3W PF:0.9950 Lamp Flux:2481.76x1 lm		
NAME: 超频三路灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2014-11-21

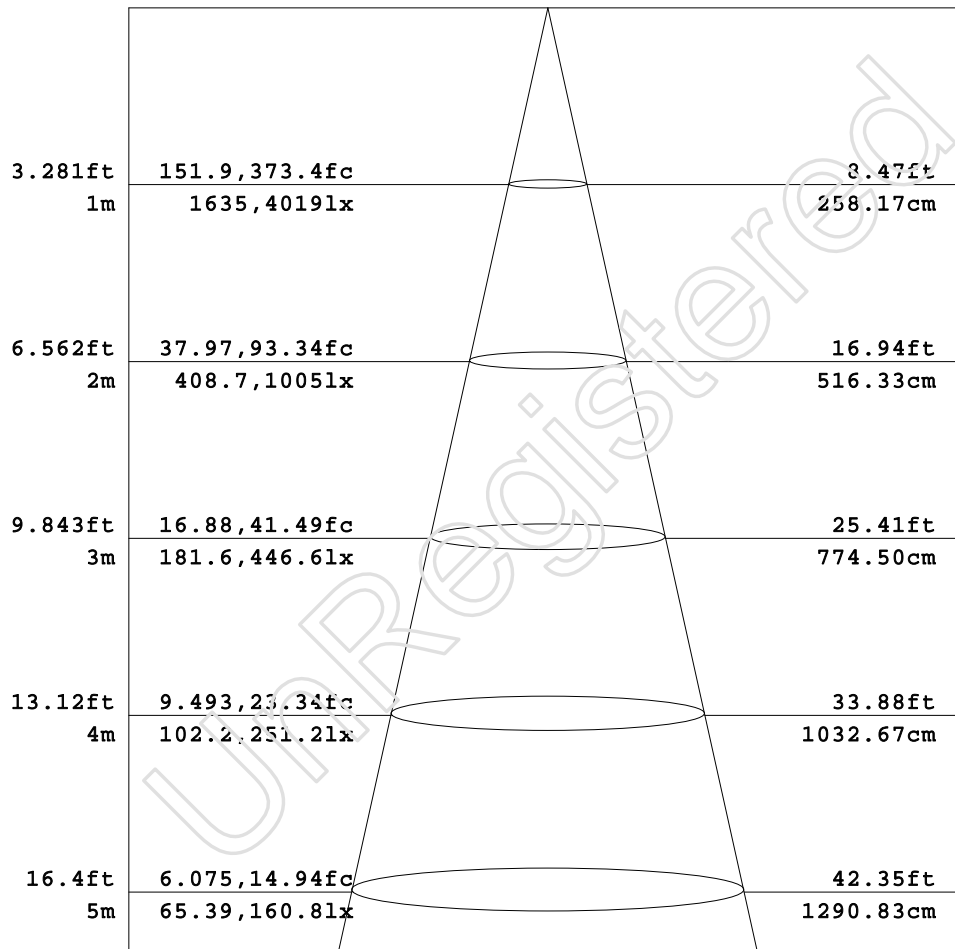
V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:109.2V I:1.005A P:109.3W PF:0.9950 Lamp Flux:2481.76x1 lm		
NAME: 超频三路灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Flux out:8723 lm



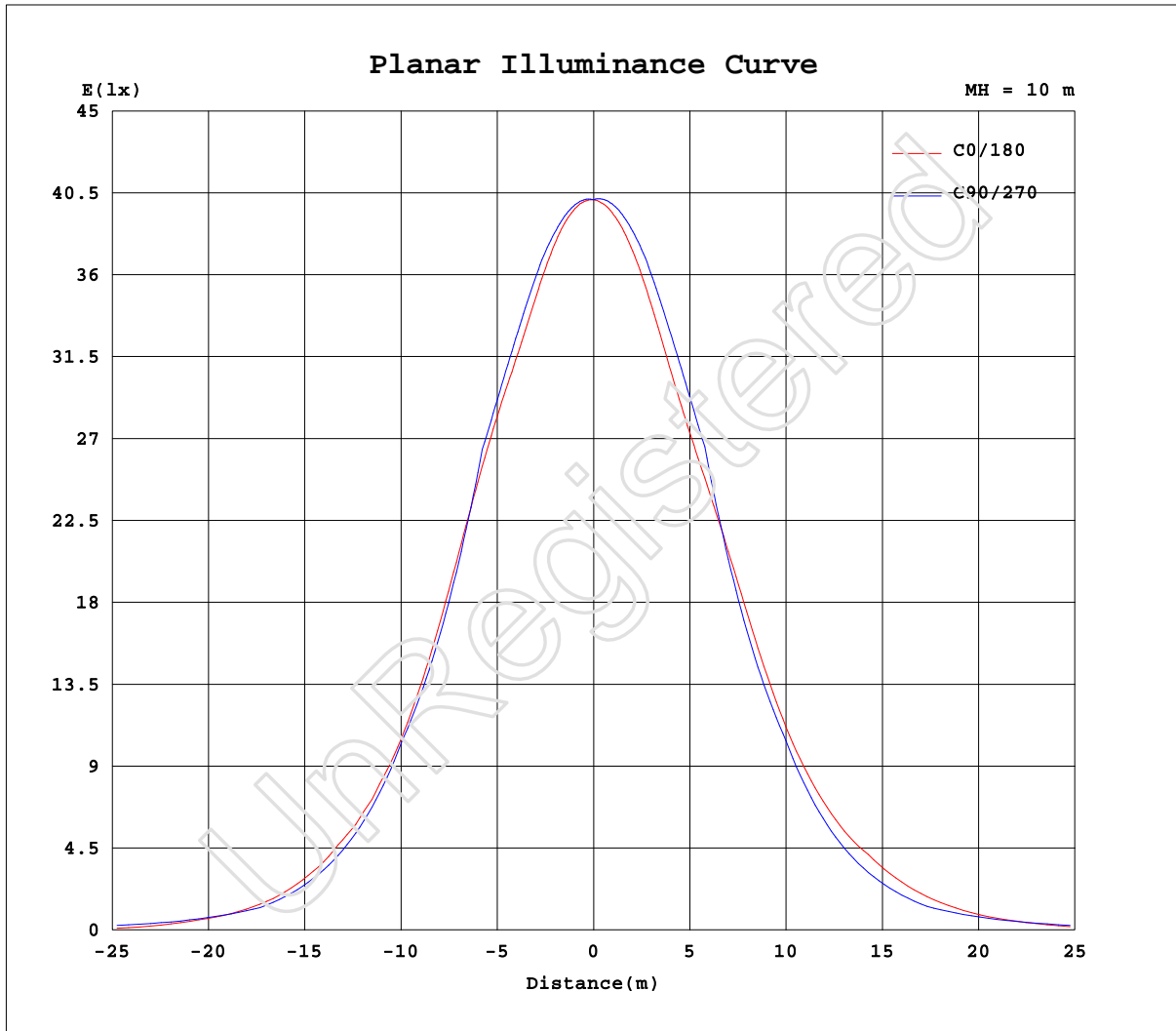
Height Eavg, Emax Angle: 104.47deg Diameter

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:
Test Date: 2014-11-21

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 6.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2014-11-21

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:6.500m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:109.2V I:1.005A P:109.3W PF:0.9950 Lamp Flux:2481.76x1 lm		
NAME: 超频三路灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	2.58	3.04	3.30	3.34	4.22	6.28	9.99	15.3	21.1	26.7	31.9	36.6	40.8	44.0	45.6	46.7	47.5	47.5	46.5
-70	2.52	3.21	3.83	5.38	8.78	13.9	21.0	42.0	101	163	226	279	308	327	339	351	359	363	363
-65	2.59	3.09	3.99	6.53	11.7	19.2	28.9	52.0	157	276	392	506	565	604	629	650	668	678	681
-60	2.51	3.31	4.83	9.26	17.3	28.0	41.1	93.1	259	433	611	761	841	893	926	958	982	995	997
-55	2.56	3.04	5.16	10.8	20.4	35.6	137	309	582	863	1081	1290	1414	1468	1537	1578	1611	1629	1634
-50	2.44	3.28	7.11	15.6	28.2	52.8	290	617	1021	1375	1644	1879	2024	2104	2163	2213	2249	2267	2268
-45	2.50	2.89	6.82	16.3	30.3	55.6	333	785	1293	1789	2098	2359	2588	2694	2769	2830	2877	2900	2905
-40	2.33	3.22	9.35	21.6	41.1	184	609	1147	1692	2163	2532	2827	2997	3085	3161	3225	3268	3289	3291
-35	2.39	2.65	8.43	21.2	40.4	232	698	1286	1892	2391	2825	3167	3355	3446	3525	3597	3647	3671	3681
-30	2.18	3.13	11.6	27.2	55.9	423	998	1681	2274	2800	3274	3606	3759	3837	3920	3993	4038	4061	4068
-25	2.25	2.44	9.98	25.5	54.9	414	1009	1693	2201	2605	3038	3625	3767	3827	3902	3982	4035	4062	4074
-20	2.01	3.15	13.5	31.4	110	625	1269	1984	2508	3012	3465	3726	3802	3843	3918	3996	4047	4072	4082
-15	2.09	2.26	11.5	29.2	73.6	603	1265	2003	2521	3031	3487	3761	3822	3837	3900	3984	4043	4073	4087
-10	1.86	3.10	14.8	34.1	157	760	1455	2171	2653	3154	3571	3789	3824	3839	3902	3977	4028	4052	4064
-5	1.97	2.09	11.9	30.4	103	668	1260	2051	2559	3084	3512	3768	3825	3825	3874	3944	3996	4023	4038
0	1.72	2.98	15.4	35.5	197	829	1556	2243	2722	3203	3592	3795	3825	3824	3872	3936	3979	4002	4015
5	1.87	1.93	11.9	30.3	102	660	1365	2095	2600	3098	3531	3785	3838	3836	3882	3951	4001	4027	4042
10	1.67	2.71	14.7	34.0	153	761	1467	2187	2681	3183	3609	3822	3851	3858	3918	3990	4037	4060	4073
15	1.78	1.78	11.3	29.0	69.6	600	1281	2017	2554	3072	3543	3813	3862	3869	3925	4004	4059	4085	4100
20	1.62	2.35	13.1	30.9	105	622	1286	2010	2548	3068	3525	3785	3854	3883	3949	4021	4066	4087	4098
25	1.75	1.59	9.42	24.8	52.6	401	1017	1715	2347	2855	3349	3692	3833	3882	3943	4013	4059	4082	4094
30	1.59	1.89	10.7	20.2	53.9	413	1013	1712	2324	2858	3341	3683	3836	3900	3967	4027	4065	4084	4090
35	1.71	1.42	7.35	19.8	38.6	218	693	1303	1928	2442	2887	3238	3429	3512	3577	3639	3680	3702	3709
40	1.57	1.55	7.96	19.3	38.6	179	605	1160	1709	2222	2595	2894	3065	3150	3215	3270	3306	3325	3327
45	1.67	1.28	5.06	14.1	27.8	51.6	309	779	1296	1833	2157	2451	2651	2759	2827	2882	2922	2944	2945
50	1.55	1.34	5.27	13.4	25.3	49.0	279	614	1015	1418	1694	1935	2082	2163	2220	2266	2297	2314	2313
55	1.62	1.25	3.09	8.79	17.5	31.5	125	297	567	881	1120	1339	1467	1540	1591	1632	1664	1680	1681
60	1.51	1.24	2.65	7.16	14.0	23.7	35.7	72.9	241	445	639	805	887	939	979	1014	1039	1049	1048
65	1.57	1.27	1.84	4.66	9.15	15.9	24.5	40.4	140	277	409	531	594	632	661	684	703	712	713
70	1.51	1.29	1.81	3.66	6.69	11.2	17.2	32.2	91.3	163	230	288	318	337	352	364	373	376	376
75	1.53	1.35	1.30	1.76	2.76	4.56	7.29	11.0	15.5	20.2	24.4	28.3	32.1	35.7	37.6	38.8	39.6	40.0	39.8
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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SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	0.00	0.00	0.00	0.00	0.00	0.00	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	44.9	42.8	40.3	38.0	35.7	33.2	30.3	26.8	22.6	18.2	13.8	11.0	10.2	7.37	7.30	7.49	3.93	2.88
-70	359	350	330	306	276	241	189	135	89.4	46.2	27.3	20.3	15.5	10.5	8.75	6.47	4.10	2.65
-65	676	662	628	584	530	464	372	266	175	89.4	44.7	31.9	22.4	14.9	10.6	7.08	5.27	2.68
-60	988	964	911	842	758	657	509	354	225	104	55.7	39.4	26.3	17.1	11.6	6.62	4.52	2.52
-55	1624	1600	1550	1482	1399	1285	1110	899	675	435	242	95.8	39.2	24.3	14.8	8.10	5.57	2.49
-50	2254	2221	2165	2093	1999	1854	1629	1355	1031	675	366	107	45.0	26.8	15.5	8.58	4.54	2.37
-45	2892	2859	2806	2734	2642	2494	2246	1926	1524	1054	607	203	60.4	35.4	19.8	10.5	4.81	2.29
-40	3279	3248	3195	3125	3038	2880	2604	2230	1768	1259	748	202	83.9	37.2	19.7	9.75	4.15	2.21
-35	3674	3653	3611	3545	3473	3346	3087	2693	2206	1678	1085	558	166	48.3	25.4	11.7	4.03	2.05
-30	4063	4045	4003	3937	3873	3734	3432	2980	2434	1858	1200	624	143	48.2	24.4	10.1	3.36	2.01
-25	4075	4059	4019	3958	3910	3826	3598	3188	2663	2120	1455	844	307	63.2	30.0	12.8	3.58	1.86
-20	4082	4061	4014	3955	3926	3857	3626	3203	2683	2151	1481	833	294	56.9	27.4	10.7	2.88	1.94
-15	4093	4076	4030	3973	3952	3934	3779	3410	2913	2379	1749	1058	483	80.1	33.8	13.9	3.46	1.71
-10	4068	4049	4003	3953	3951	3919	3730	3339	2845	2313	1676	985	407	64.0	29.5	11.2	2.53	1.89
-5	4045	4035	3995	3948	3945	3935	3790	3452	2954	2464	1865	1160	571	87.6	35.2	14.5	3.48	1.67
0	4020	4009	3969	3933	3946	3919	3744	3389	2923	2402	1787	1080	483	69.3	30.7	11.6	2.33	1.86
5	4050	4041	4004	3960	3960	3953	3811	3474	3004	2484	1886	1175	582	87.5	34.6	14.2	3.27	1.63
10	4078	4064	4020	3978	3982	3956	3773	3381	2890	2348	1717	1010	421	62.0	28.5	10.8	2.13	1.79
15	4109	4097	4056	4007	3999	3988	3843	3475	2973	2438	1811	1104	513	79.7	31.9	13.1	2.85	1.57
20	4101	4086	4045	3998	3973	3912	3695	3271	2758	2198	1553	882	317	53.1	25.4	9.62	1.94	1.75
25	4096	4086	4052	4015	3965	3893	3672	3264	2750	2206	1542	906	348	58.9	27.3	11.3	2.50	1.58
30	4088	4077	4042	3993	3936	3806	3512	3059	2527	1952	1292	695	170	42.6	21.7	8.20	1.75	1.76
35	3704	3683	3652	3600	3534	3418	3164	2776	2297	1769	1162	623	194	42.1	21.9	9.02	2.19	1.57
40	3314	3289	3245	3182	3101	2949	2678	2307	1850	1331	818	347	86.9	31.6	16.2	6.14	1.65	1.71
45	2933	2902	2855	2792	2708	2562	2320	2010	1613	1126	669	254	51.7	29.4	15.7	6.34	1.93	1.55
50	2297	2266	2221	2155	2064	1916	1691	1414	1086	718	403	126	36.9	21.5	11.1	4.30	1.59	1.68
55	1671	1645	1606	1547	1466	1345	1160	946	712	465	257	107	32.1	18.9	10.1	4.27	1.94	1.57
60	1036	1010	972	911	826	708	548	381	234	112	46.7	31.5	20.4	12.1	6.30	2.68	1.58	1.67
65	706	690	666	628	575	501	396	284	181	95.0	38.1	25.3	16.7	10.4	5.73	3.05	1.74	1.57
70	371	362	348	327	297	256	201	143	91.0	47.2	22.8	15.4	10.1	6.25	3.91	2.58	1.45	1.63
75	39.3	38.3	36.9	35.3	33.4	30.7	27.6	24.3	20.3	15.9	11.6	7.97	5.40	3.87	2.73	2.66	1.35	1.55
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

H(β) Range:-90 - 90DEG
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V(β) Range:-75 - 75DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:6.500m [K=1.0000]
Remarks: