

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		363.1 cd per klm.
(Luminaire orientation as tested.)		4.0 degrees vertical
		0.0 degrees horizontal

Beam Spread	At 10% of Imax	149.4V x 151.2H
	At 50% of Imax	111.7V x 114.2H
	At 90% of Imax	51.2V x 51.4H

Beam Flux	Total	999.0 lumens per klm.
	To 10% of Imax	990.6 lumens per klm.
	To 50% of Imax	781.2 lumens per klm.
	To 90% of Imax	211.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

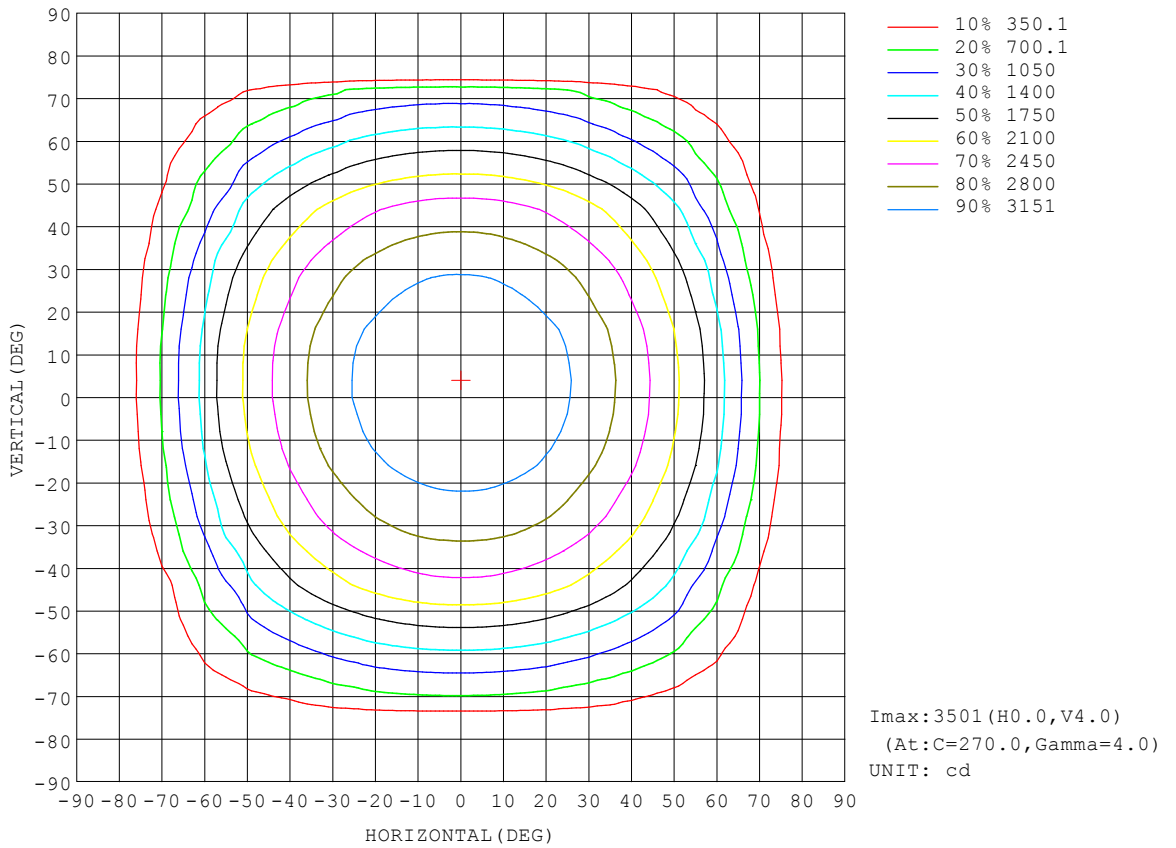
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2016-01-03

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.80V I:0.4850A P:98.400W PF:0.9280 Freq:50.00Hz Lamp Flux:9640.47x1 lm		
NAME: Gaia S Hight Bay	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

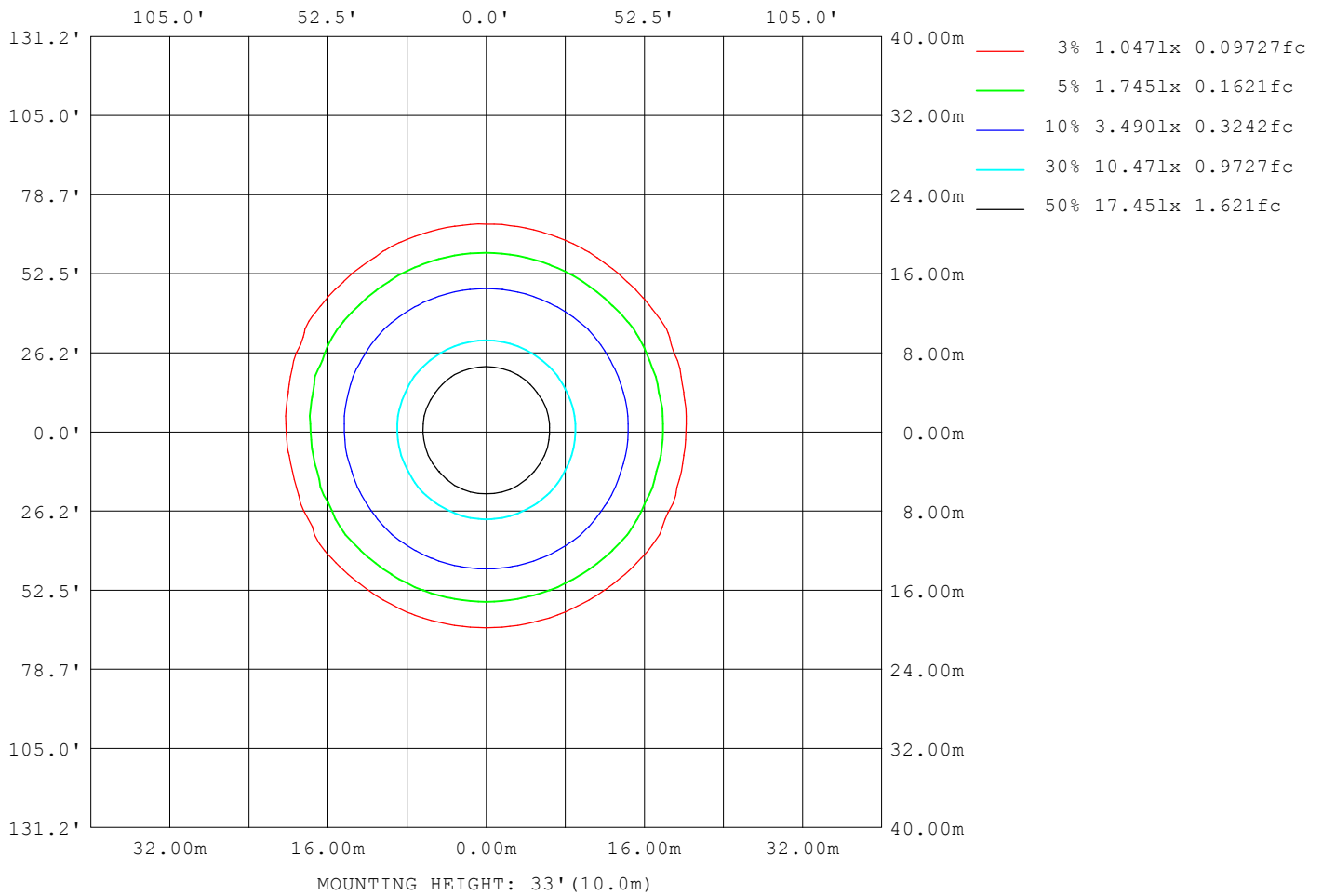


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:杨守真
 Test Date:2016-01-03

V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

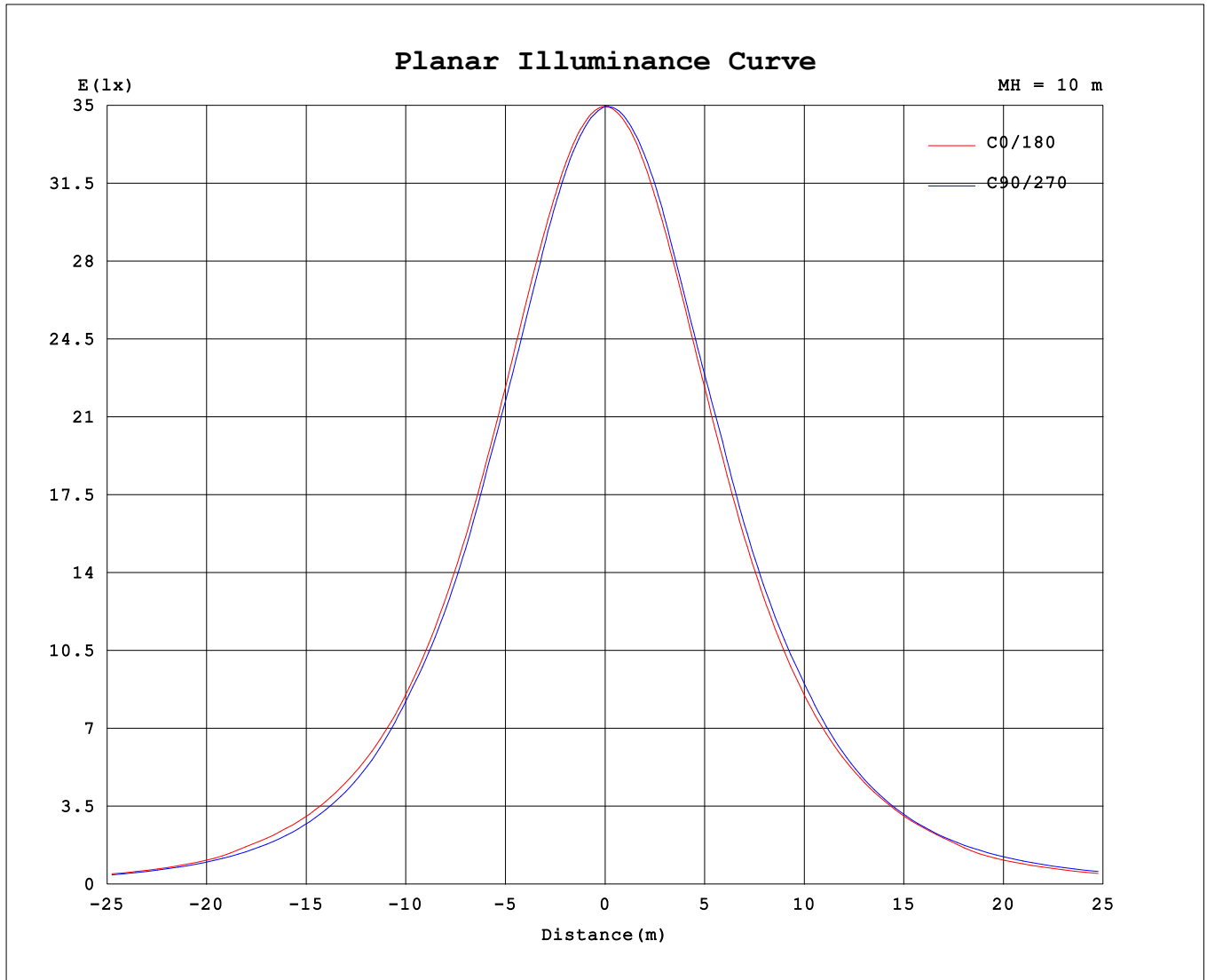
Test:U:218.80V I:0.4850A P:98.400W PF:0.9280 Freq:50.00Hz		
Lamp Flux:9640.47x1 lm		
NAME: Gaia S Hight Bay	TYPE:	Shielding Angle:
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V(B) Range:-75 - 75DEG
 V(B) Interval: 2.0DEG
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 Humidity:65.0%
 Test Distance:9.078m [K=1.0000]
 Remarks:

Planar Illuminance Curve

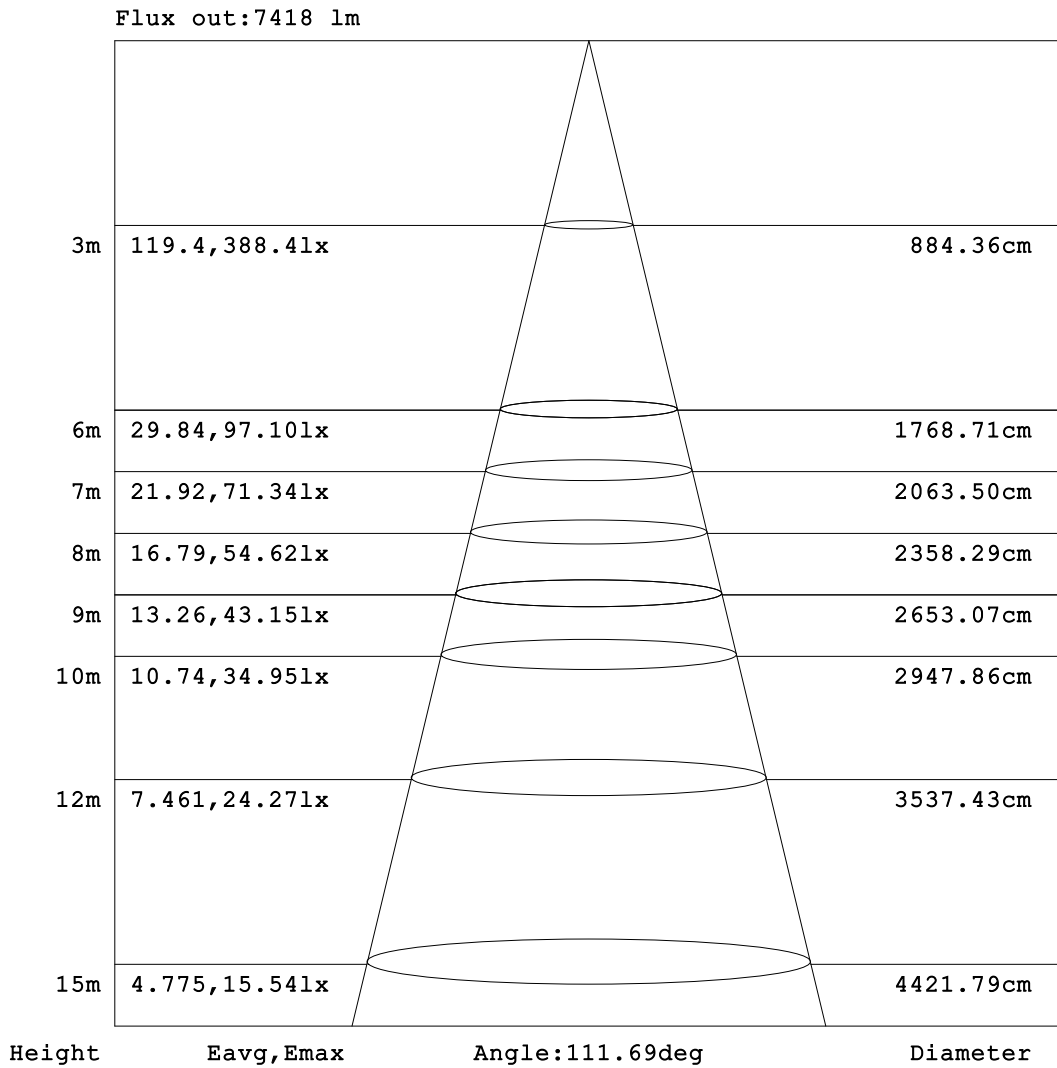


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 Test Speed: HIGH
 Temperature:25.3°C
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 V(B) Interval: 2.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
 Humidity:65.0%
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 Remarks:

AAI Figure

Test:U:218.80V I:0.4850A P:98.400W PF:0.9280 Freq:50.00Hz Lamp Flux:9640.47x1 lm		
NAME: Gaia S Hight Bay	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		



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

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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2016-01-03

V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.80V I:0.4850A P:98.400W PF:0.9280 Freq:50.00Hz		
Lamp Flux:9640.47x1 lm		
NAME: Gaia S Hight Bay	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-70	1.23	2.49	5.38	24.7	48.8	92.6	158	212	283	337	389	457	529	573	632	659	678	689	691
-65	1.21	2.58	7.43	39.5	80.0	155	256	335	441	521	592	675	756	813	877	912	937	951	954
-60	1.19	2.72	10.5	61.7	127	248	404	520	679	797	897	1001	1097	1171	1245	1291	1325	1345	1350
-55	1.18	2.81	12.6	76.4	158	310	503	643	837	981	1101	1218	1324	1410	1491	1544	1584	1607	1613
-50	1.16	2.94	15.6	98.6	205	403	651	827	1075	1257	1405	1544	1665	1769	1859	1924	1972	2001	2008
-45	1.14	3.03	17.7	113	236	465	750	951	1233	1441	1609	1761	1893	2008	2104	2177	2231	2263	2272
-40	1.09	3.09	30.0	152	340	604	887	1153	1431	1647	1831	1994	2137	2261	2361	2440	2497	2532	2542
-35	1.06	3.12	39.4	180	417	703	976	1291	1557	1776	1968	2137	2286	2415	2518	2600	2659	2695	2705
-30	1.00	3.16	53.6	222	533	852	1111	1497	1746	1968	2173	2351	2511	2647	2754	2839	2902	2939	2949
-25	0.94	3.12	71.2	257	566	899	1180	1565	1820	2049	2257	2440	2603	2741	2850	2937	3001	3039	3050
-20	0.84	3.05	97.8	310	616	970	1283	1667	1932	2169	2384	2574	2741	2882	2993	3084	3149	3189	3200
-15	0.78	3.00	115	345	649	1018	1352	1735	2007	2249	2468	2663	2834	2976	3089	3183	3248	3288	3301
-10	0.69	3.35	132	378	695	1083	1477	1822	2093	2337	2557	2756	2930	3081	3199	3290	3356	3395	3410
-5	0.65	3.09	134	384	705	1095	1503	1845	2122	2369	2595	2793	2968	3115	3236	3328	3396	3436	3452
0	0.59	3.51	140	397	730	1125	1562	1882	2158	2408	2633	2834	3019	3163	3281	3374	3443	3481	3495
5	0.57	4.23	144	398	720	1115	1546	1879	2157	2410	2636	2838	3017	3163	3283	3377	3447	3485	3501
10	0.56	8.16	142	399	729	1123	1551	1878	2154	2403	2626	2826	3006	3153	3273	3365	3431	3468	3483
15	0.56	7.65	138	390	705	1094	1491	1847	2123	2372	2595	2797	2970	3117	3236	3329	3395	3435	3449
20	0.56	7.49	127	364	670	1044	1394	1772	2044	2285	2503	2700	2869	3013	3129	3223	3286	3325	3337
25	0.56	7.46	119	345	647	1009	1329	1719	1986	2222	2436	2629	2795	2937	3051	3144	3206	3243	3255
30	0.56	7.42	107	317	612	957	1230	1639	1899	2128	2335	2522	2684	2823	2933	3027	3086	3121	3131
35	0.56	6.85	92.6	287	552	869	1147	1505	1786	2009	2210	2390	2547	2681	2789	2878	2936	2970	2980
40	0.56	6.00	71.1	241	462	737	1021	1303	1617	1830	2021	2193	2340	2469	2572	2654	2711	2745	2754
45	0.57	5.44	56.8	211	402	649	938	1169	1504	1711	1896	2061	2202	2327	2428	2505	2561	2595	2603
50	0.57	4.51	45.2	171	326	531	781	972	1266	1449	1610	1761	1885	2003	2092	2161	2210	2240	2246
55	0.57	3.88	38.7	145	277	455	673	841	1098	1262	1407	1547	1659	1772	1853	1915	1960	1986	1991
60	0.57	2.93	29.1	107	203	340	510	645	846	983	1101	1226	1319	1425	1494	1546	1584	1605	1609
65	0.57	2.30	22.6	81.0	154	264	401	515	678	796	898	1012	1093	1195	1255	1301	1334	1351	1354
70	0.57	1.35	12.9	42.4	79.9	149	239	318	426	517	593	691	753	848	896	932	959	970	971
75	0.57	0.72	6.49	16.6	30.7	72.5	130	188	258	330	390	477	527	617	657	686	708	716	716
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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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
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NAME: Gaia S Hight Bay	TYPE:	Shielding Angle:
SPEC.:		
MFR.:		

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-70	685	671	650	620	565	521	461	399	334	269	191	143	94.8	51.6	21.9	5.63	3.62	1.79
-65	948	932	905	869	807	752	680	603	520	433	319	243	161	86.5	35.5	7.19	3.61	1.77
-60	1343	1322	1288	1242	1170	1099	1009	908	799	680	509	394	261	139	55.9	9.53	3.59	1.73
-55	1606	1583	1544	1491	1413	1330	1227	1112	985	845	636	495	328	174	69.5	11.1	3.58	1.71
-50	2001	1973	1927	1864	1776	1676	1556	1418	1263	1092	827	646	428	226	89.9	13.4	3.56	1.67
-45	2264	2234	2183	2112	2018	1907	1775	1621	1449	1256	954	746	494	261	103	15.0	3.55	1.65
-40	2534	2502	2448	2372	2273	2151	2009	1844	1658	1449	1158	885	620	344	148	23.3	3.52	1.54
-35	2697	2665	2608	2530	2428	2301	2153	1981	1788	1570	1296	976	707	404	181	29.6	3.51	1.46
-30	2942	2908	2849	2768	2660	2525	2368	2187	1983	1752	1503	1113	837	493	230	39.0	3.49	1.34
-25	3042	3008	2948	2865	2757	2617	2459	2275	2065	1830	1574	1205	890	536	257	50.0	3.43	1.24
-20	3193	3157	3096	3010	2901	2756	2594	2407	2189	1947	1680	1344	968	601	296	66.4	3.34	1.09
-15	3293	3257	3195	3107	2998	2849	2684	2495	2272	2024	1750	1436	1020	644	323	77.4	3.29	1.00
-10	3398	3361	3294	3204	3086	2943	2771	2574	2348	2096	1819	1506	1063	668	328	81.1	2.54	0.87
-5	3440	3403	3339	3251	3133	2989	2815	2619	2391	2136	1855	1542	1092	694	357	93.1	2.75	0.79
0	3481	3444	3378	3287	3167	3021	2843	2643	2412	2157	1874	1556	1101	698	361	91.1	2.24	0.70
5	3487	3451	3385	3293	3176	3034	2852	2651	2421	2165	1879	1565	1108	706	368	95.7	4.87	0.68
10	3468	3430	3363	3271	3152	3005	2827	2627	2394	2140	1858	1538	1086	683	340	82.6	5.30	0.67
15	3437	3398	3333	3243	3125	2977	2803	2603	2373	2120	1835	1520	1073	677	339	81.1	5.82	0.67
20	3326	3287	3223	3133	3018	2871	2700	2503	2278	2029	1750	1412	1010	623	303	68.6	5.26	0.66
25	3243	3204	3141	3051	2937	2793	2623	2427	2206	1961	1688	1330	962	581	275	59.0	4.71	0.66
30	3119	3079	3018	2927	2816	2674	2507	2314	2098	1858	1593	1207	891	519	232	44.5	3.87	0.66
35	2969	2931	2870	2783	2673	2537	2376	2188	1979	1747	1465	1117	808	467	203	37.8	3.48	0.66
40	2744	2708	2649	2567	2460	2331	2179	1999	1801	1579	1272	983	684	389	159	27.7	2.90	0.66
45	2594	2560	2501	2422	2318	2193	2048	1873	1682	1468	1143	894	601	337	130	21.0	2.51	0.66
50	2238	2207	2154	2083	1990	1872	1742	1584	1414	1226	941	734	486	272	103	16.3	2.11	0.65
55	1984	1955	1906	1840	1755	1642	1524	1378	1223	1055	805	624	411	230	87.1	13.9	1.87	0.65
60	1602	1577	1534	1477	1403	1298	1197	1069	937	799	600	459	299	167	63.5	10.2	1.50	0.65
65	1347	1325	1286	1234	1169	1068	979	863	746	628	464	349	224	125	47.8	7.81	1.26	0.65
70	966	946	913	870	817	724	652	554	460	371	260	184	111	62.2	24.3	4.17	0.89	0.65
75	711	694	665	628	583	495	433	348	269	200	124	73.9	36.2	20.2	8.59	1.75	0.65	0.65
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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