

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		517.2 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		18.0 degrees horizontal

Beam Spread	At 10% of Imax	142.5V x 120.1H
	At 50% of Imax	89.8V x 88.2H
	At 90% of Imax	50.0V x 50.6H

Beam Flux	Total	999.2 lumens per klm.
	To 10% of Imax	952.5 lumens per klm.
	To 50% of Imax	691.1 lumens per klm.
	To 90% of Imax	253.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

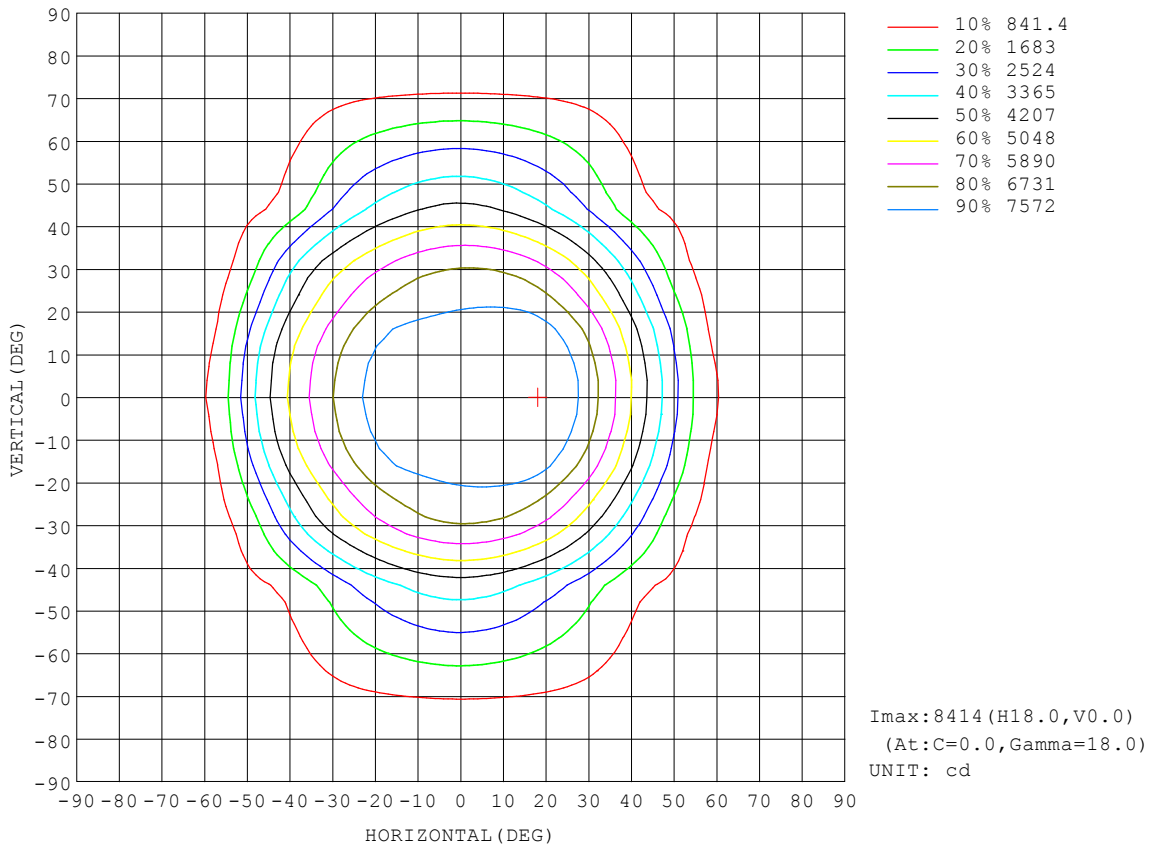
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-07-16

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:218.50V I:0.6600A P:134.60W PF:0.9320 Freq:50.00Hz Lamp Flux:16269.1x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0100-N01S	WEIGHT:
SPEC.: TS-BJX-0100-N01S	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.302*0.01	Shielding Angle:

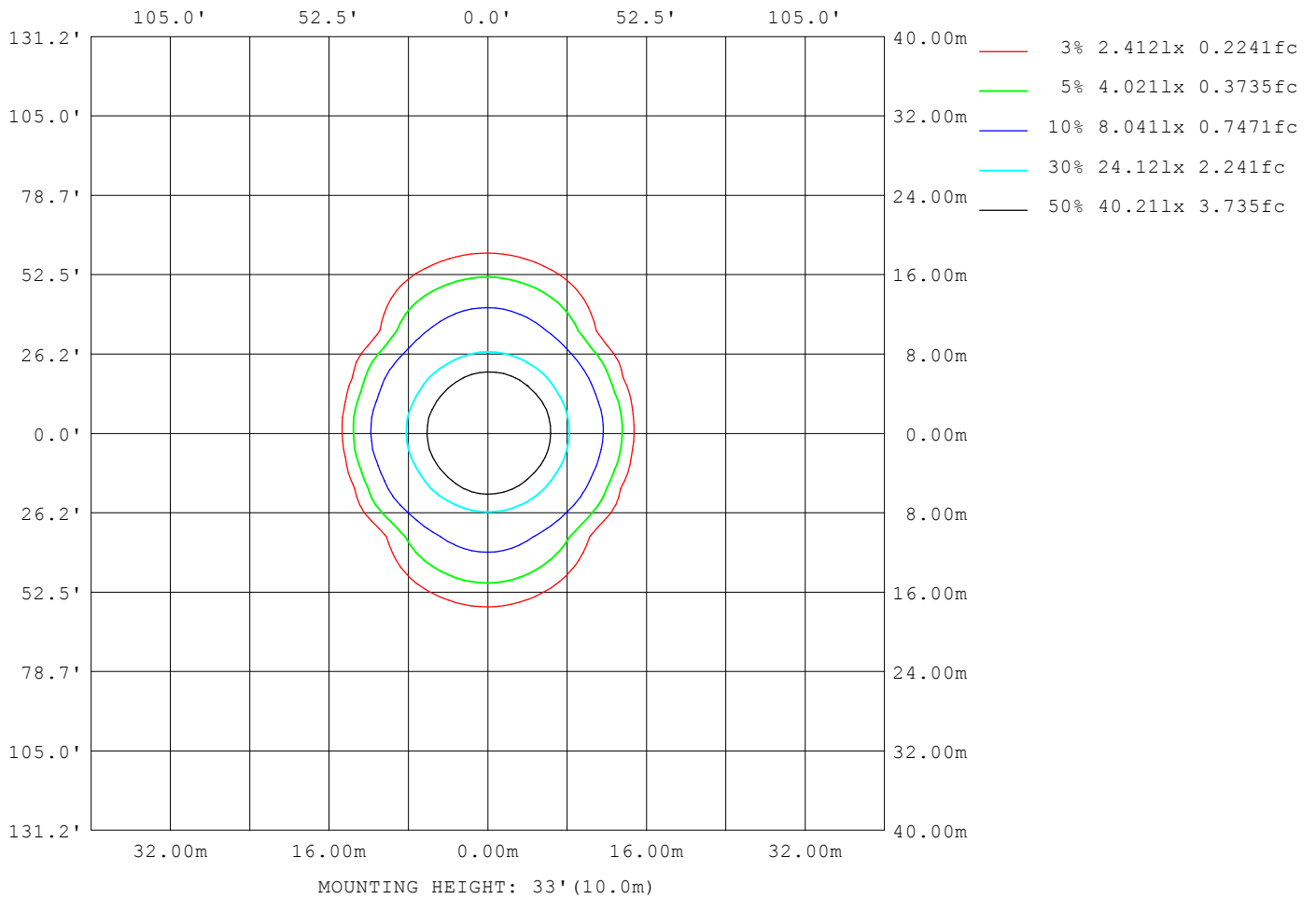


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-07-16

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

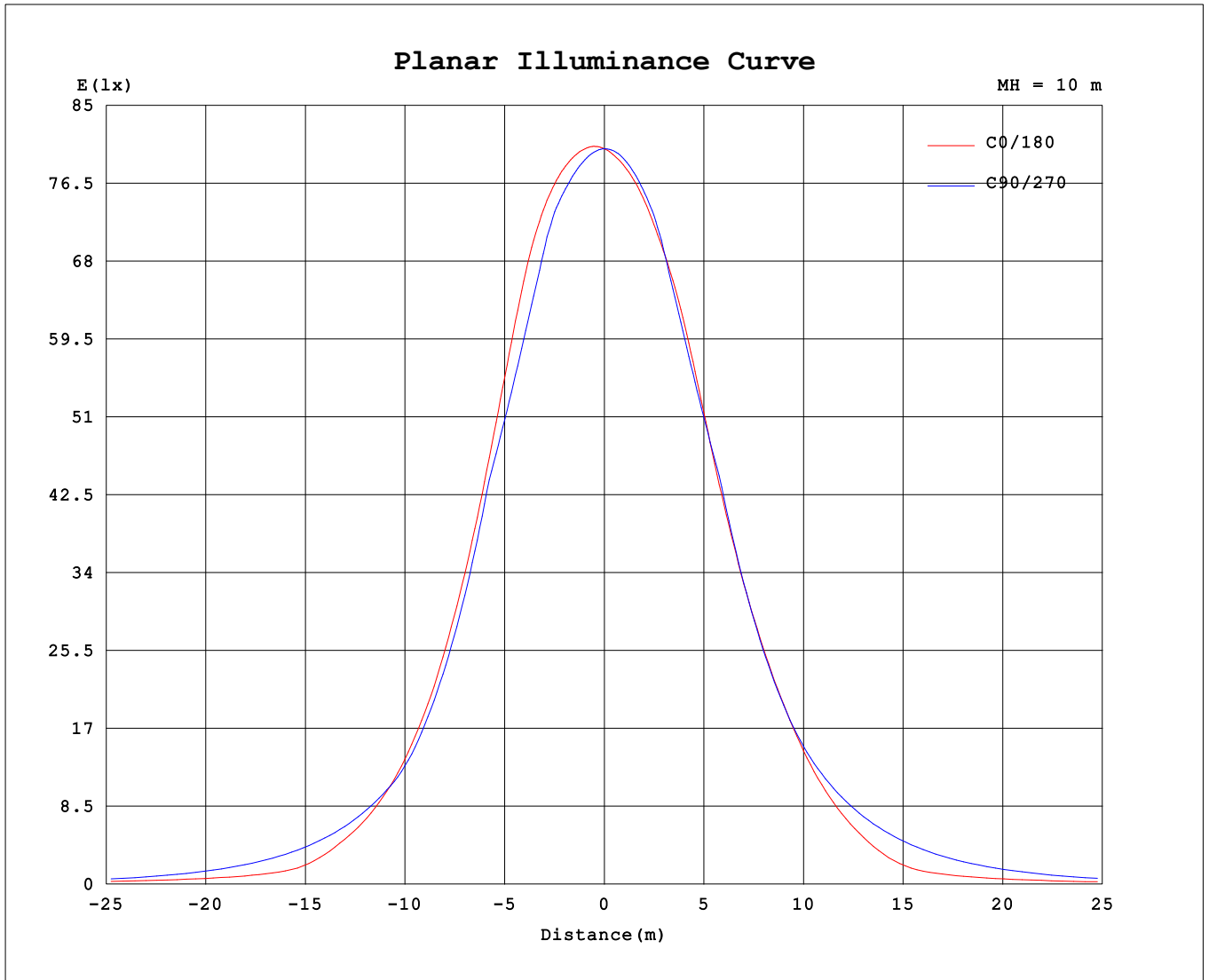
Test:U:218.50V I:0.6600A P:134.60W PF:0.9320 Freq:50.00Hz Lamp Flux:16269.1x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0100-N01S	WEIGHT:
SPEC.: TS-BJX-0100-N01S	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.302*0.01	Shielding Angle:



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 Operators:杨守真
 Test Date:2025-07-16

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:

Planar Illuminance Curve



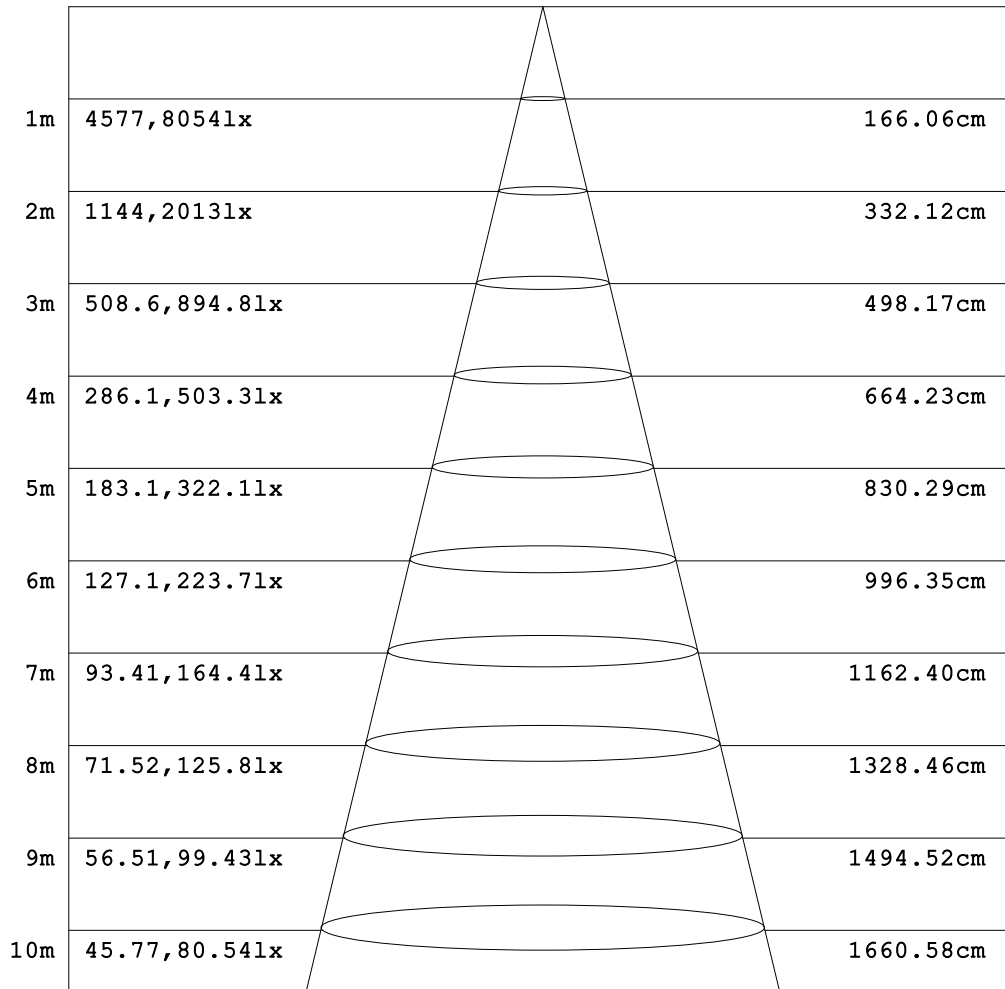
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-07-16

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:

AAI Figure

Test:U:218.50V I:0.6600A P:134.60W PF:0.9320 Freq:50.00Hz Lamp Flux:16269.1x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0100-N01S	WEIGHT:
SPEC.: TS-BJX-0100-N01S	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.302*0.01	Shielding Angle:

Flux out:10124 lm



Height Eavg, Emax Angle:79.40deg Diameter

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:2025-07-16

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:218.50V I:0.6600A P:134.60W PF:0.9320 Freq:50.00Hz Lamp Flux:16269.1x1 lm		
NAME: Polaris Projection Light	TYPE: TS-BJX-0100-N01S	WEIGHT:
SPEC.: TS-BJX-0100-N01S	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.302*0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	2.44	40.0	130	176	202	221	248	283	317	352	408	493	593	686	760	820	869	902	914
-65	2.30	46.7	142	191	221	245	280	324	365	413	499	638	804	960	1087	1189	1272	1326	1345
-60	2.10	56.6	161	215	248	281	329	384	436	504	635	856	1120	1369	1576	1741	1875	1962	1992
-55	1.96	63.2	173	230	267	305	361	424	484	564	726	1001	1331	1643	1902	2110	2278	2386	2424
-50	1.75	73.1	192	254	294	341	409	484	556	655	862	1218	1647	2052	2392	2663	2881	3022	3071
-45	1.62	79.7	205	269	312	365	442	524	604	716	953	1363	1858	2326	2718	3031	3283	3446	3503
-40	1.43	92.8	221	289	334	393	483	596	803	1167	1644	2209	2788	3311	3756	4121	4412	4602	4674
-35	1.32	102	231	302	348	411	509	646	953	1515	2178	2856	3490	4044	4521	4920	5234	5441	5525
-30	1.14	116	247	321	369	438	548	721	1178	2038	2979	3827	4543	5144	5668	6118	6468	6701	6802
-25	1.13	120	254	332	383	456	577	830	1472	2413	3382	4229	4955	5578	6118	6536	6837	7035	7131
-20	1.11	128	265	348	403	484	621	994	1913	2977	3987	4832	5574	6229	6791	7164	7390	7535	7624
-15	1.10	133	272	359	416	502	650	1103	2208	3352	4389	5234	5987	6663	7241	7582	7759	7868	7953
-10	1.04	141	280	378	451	558	726	1342	2616	3806	4847	5680	6443	7122	7607	7798	7878	7939	8022
-5	1.05	141	282	384	460	582	765	1434	2741	3949	4991	5821	6581	7248	7685	7830	7897	7942	8019
0	1.03	145	285	392	482	631	825	1544	2914	4122	5152	5973	6717	7379	7762	7869	7933	7962	8027
5	1.03	144	284	390	479	619	806	1503	2852	4066	5109	5929	6663	7326	7736	7863	7934	7968	8032
10	0.99	144	282	384	459	575	755	1405	2730	3941	4975	5792	6513	7174	7649	7826	7914	7962	8025
15	1.02	140	277	376	446	544	697	1236	2488	3691	4737	5560	6268	6917	7452	7733	7855	7926	7996
20	1.01	134	267	358	420	503	638	1043	2055	3181	4217	5055	5747	6359	6884	7219	7411	7532	7614
25	1.00	130	260	345	401	478	602	922	1756	2824	3848	4697	5379	5964	6469	6827	7069	7224	7313
30	0.98	124	250	326	373	439	548	741	1308	2288	3295	4160	4828	5372	5846	6239	6555	6762	6863
35	0.99	116	239	313	358	420	521	687	1127	1886	2718	3509	4174	4724	5190	5571	5877	6075	6163
40	1.00	103	223	293	336	392	481	605	856	1282	1853	2532	3193	3752	4205	4568	4860	5044	5113
45	1.01	93.9	213	280	322	373	455	550	675	880	1276	1881	2540	3104	3549	3900	4182	4357	4413
50	1.01	81.7	194	256	295	338	407	485	566	694	991	1483	2034	2508	2878	3168	3402	3546	3591
55	1.00	73.7	181	240	276	314	375	444	516	626	878	1294	1760	2160	2472	2717	2914	3036	3073
60	1.00	61.7	162	216	249	278	326	383	439	523	709	1011	1349	1639	1864	2040	2182	2269	2297
65	1.00	53.7	150	200	230	255	293	341	389	455	596	822	1075	1291	1459	1589	1694	1758	1779
70	0.99	41.7	131	176	203	219	245	280	313	353	427	539	664	770	850	912	962	992	1002
75	0.99	33.7	118	160	184	195	212	239	262	284	314	351	390	422	445	460	473	481	485
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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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:

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MFR.:	SUR.: 0.302*0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	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	900	869	822	765	695	613	520	438	384	350	316	277	250	236	218	175	60.4	2.66
-65	1321	1266	1182	1078	956	817	664	530	448	403	361	314	278	257	236	190	71.2	2.50
-60	1952	1861	1721	1547	1346	1122	879	667	543	482	429	370	320	289	263	213	87.5	2.26
-55	2373	2258	2081	1860	1606	1325	1022	759	607	535	475	407	348	310	281	228	98.4	2.09
-50	3005	2853	2620	2330	1996	1630	1238	897	703	614	543	463	389	342	309	251	115	1.85
-45	3425	3249	2980	2643	2256	1833	1381	989	767	667	589	501	417	364	327	267	126	1.69
-40	4601	4415	4120	3731	3264	2731	2152	1607	1176	846	657	543	447	390	351	287	136	1.51
-35	5457	5269	4959	4539	4018	3408	2739	2084	1491	979	702	569	465	407	367	301	142	1.40
-30	6742	6550	6219	5751	5149	4424	3621	2799	1963	1178	769	608	493	433	391	321	151	1.23
-25	7110	6987	6735	6304	5695	4955	4112	3221	2321	1466	888	640	515	449	404	330	163	1.18
-20	7663	7642	7508	7134	6514	5752	4849	3855	2860	1899	1066	689	547	474	423	344	181	1.10
-15	8031	8079	8023	7687	7060	6283	5340	4277	3219	2188	1184	721	569	490	435	353	192	1.05
-10	8128	8245	8321	8162	7599	6786	5807	4690	3568	2466	1351	779	623	526	454	360	197	1.02
-5	8126	8247	8362	8297	7819	7039	6046	4926	3773	2642	1484	827	656	543	462	365	203	0.96
0	8128	8257	8387	8376	7947	7170	6169	5040	3866	2726	1553	860	695	566	469	366	203	0.98
5	8129	8245	8371	8355	7932	7165	6173	5053	3900	2743	1553	854	688	563	468	367	204	0.95
10	8115	8218	8315	8203	7694	6913	5934	4827	3685	2566	1429	796	637	534	458	361	200	0.95
15	8078	8165	8201	7975	7424	6672	5711	4634	3525	2431	1312	753	605	520	450	357	200	0.94
20	7662	7672	7595	7288	6731	5999	5089	4087	3054	2032	1115	694	561	489	430	345	186	0.94
25	7337	7288	7133	6785	6230	5508	4637	3688	2709	1740	981	655	533	467	415	336	175	0.95
30	6848	6712	6440	6030	5478	4773	3958	3089	2191	1301	780	597	489	435	394	322	158	0.95
35	6131	5978	5701	5304	4779	4119	3362	2577	1826	1134	729	570	470	417	377	309	153	0.95
40	5054	4878	4593	4214	3731	3139	2468	1809	1278	884	652	530	440	390	353	289	145	0.94
45	4336	4144	3854	3487	3032	2485	1871	1296	913	718	601	503	420	372	336	276	140	0.93
50	3523	3359	3117	2814	2440	1992	1490	1026	734	609	532	452	382	341	309	253	123	0.94
55	3016	2878	2675	2421	2106	1728	1304	911	664	556	488	416	355	320	291	238	111	0.94
60	2255	2156	2012	1831	1605	1333	1025	740	558	476	421	363	314	288	264	214	92.6	0.95
65	1748	1676	1570	1437	1271	1069	839	625	487	422	377	327	287	267	245	199	80.4	0.95
70	988	954	907	847	770	674	560	454	382	342	310	273	247	235	218	176	62.2	0.96
75	481	473	465	454	436	410	374	340	311	289	266	238	220	214	199	160	50.0	0.96
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
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-07-16

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: