

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	721.5 cd per klm. 4.0 degrees vertical 2.0 degrees horizontal
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Beam Spread	At 10% of Imax	128.0V x 113.9H
	At 50% of Imax	67.3V x 67.1H
	At 90% of Imax	28.0V x 35.4H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	940.6 lumens per klm.
	To 50% of Imax	562.2 lumens per klm.
	To 90% of Imax	153.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

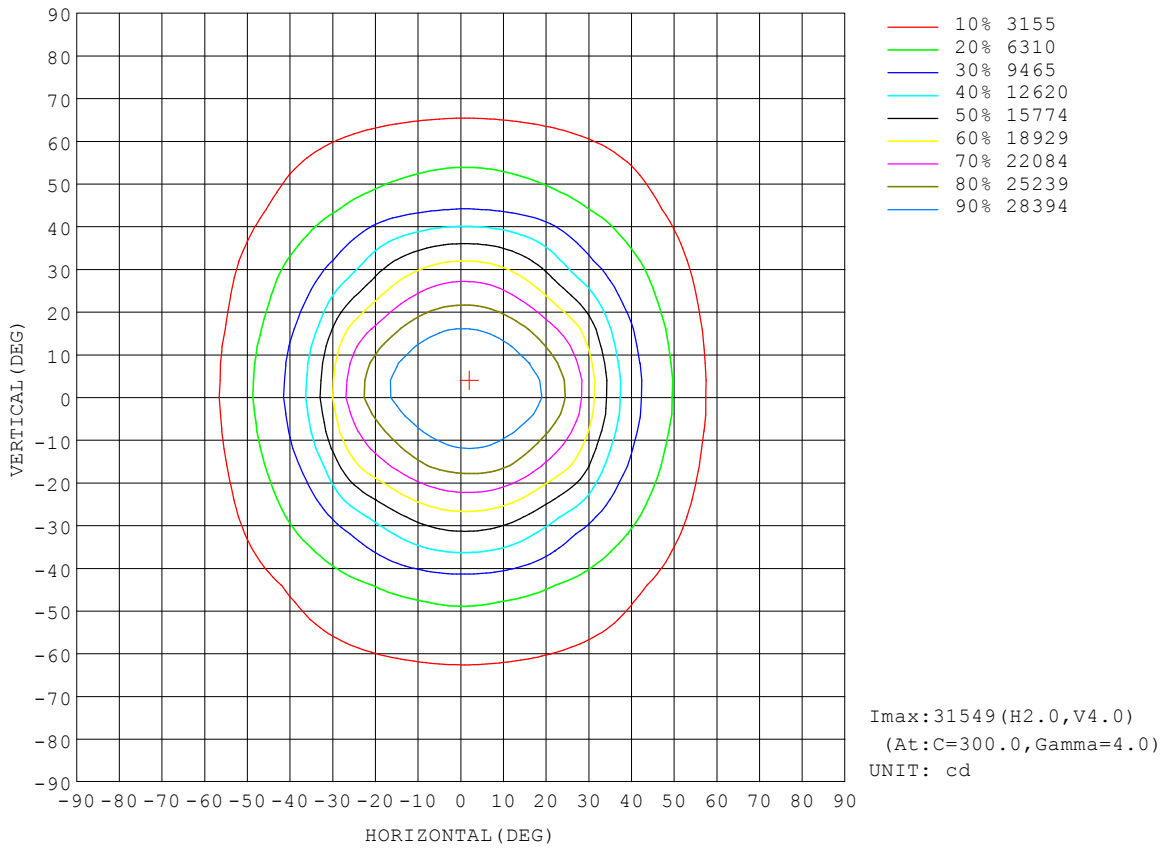
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-04-19

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:219.70V I:1.3800A P:300.30W PF:0.9900 Freq:50.00Hz Lamp Flux:43728x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

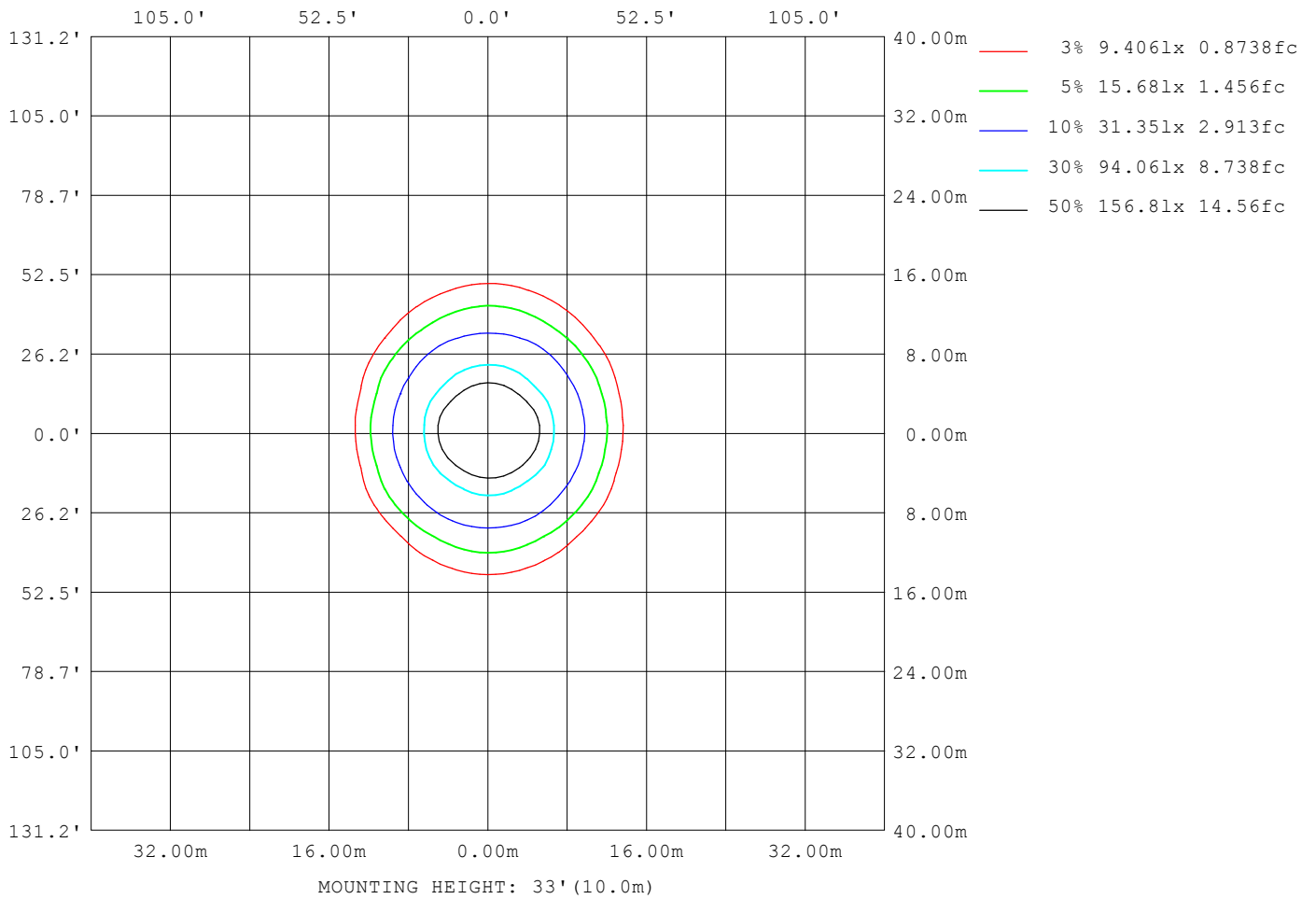


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-04-19

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

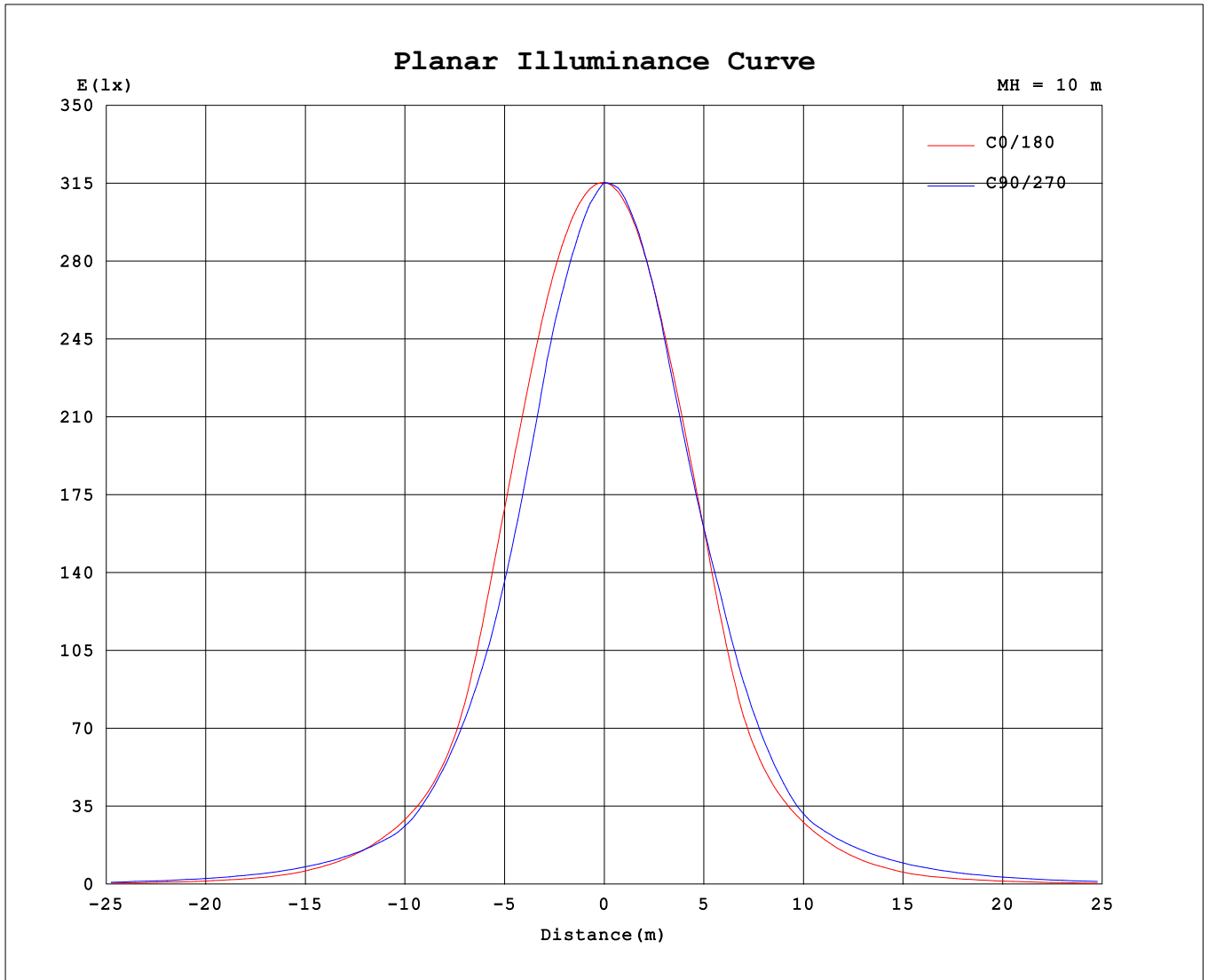
Test:U:219.70V I:1.3800A P:300.30W PF:0.9900 Freq:50.00Hz Lamp Flux:43728x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
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V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
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Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

Planar Illuminance Curve

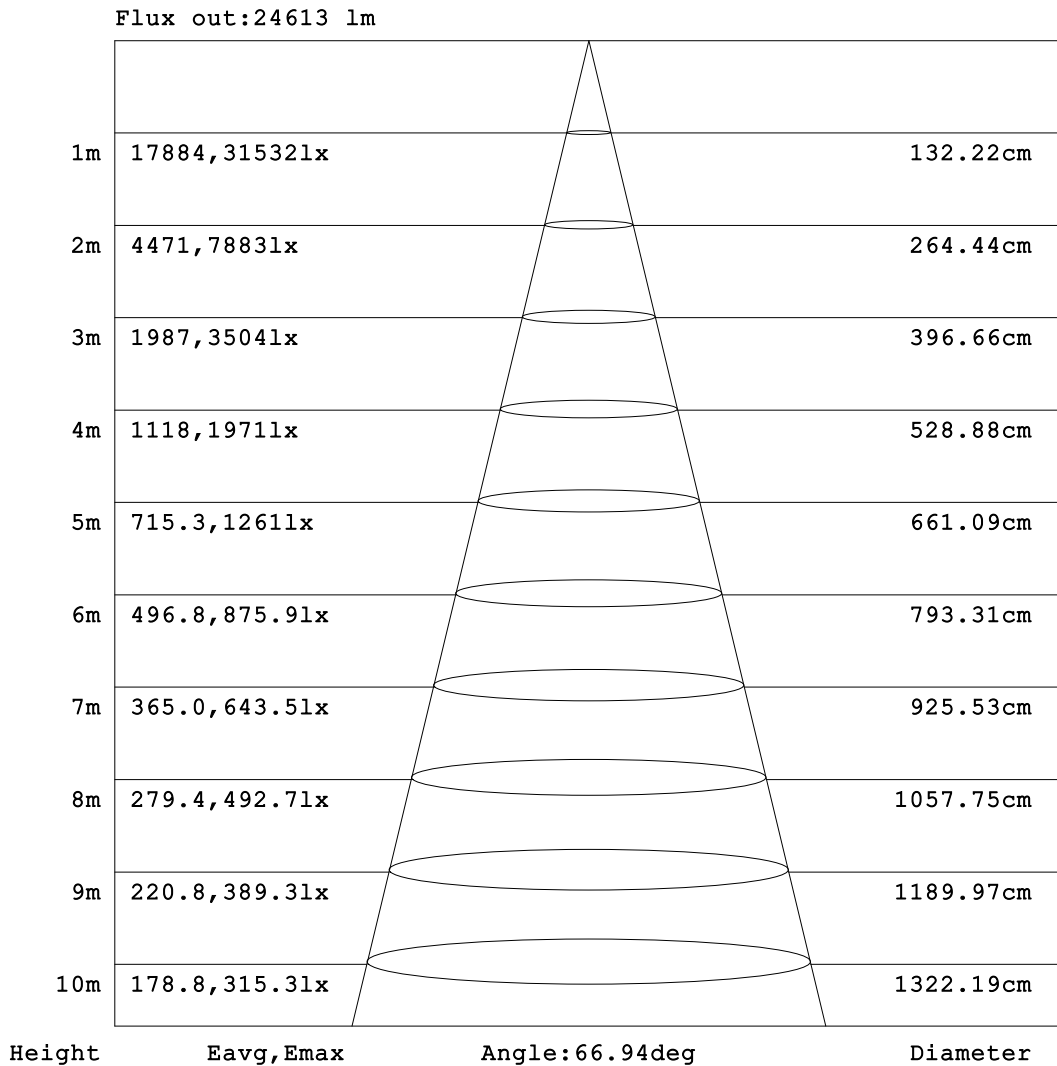


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:杨守真
 Test Date:2025-04-19

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:219.70V I:1.3800A P:300.30W PF:0.9900 Freq:50.00Hz Lamp Flux:43728x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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:25.3°C
Operators:杨守真
Test Date:2025-04-19

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:219.70V I:1.3800A P:300.30W PF:0.9900 Freq:50.00Hz Lamp Flux:43728x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

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	0.55	0.87	1.92	4.57	8.85	14.6	21.0	29.5	41.5	55.4	71.6	87.9	102	115	126	135	141	145	146
-65	0.51	0.86	2.69	6.85	13.2	21.7	31.2	44.7	64.4	86.9	113	139	163	184	202	216	227	235	238
-60	0.45	0.84	3.86	10.3	19.8	32.4	46.4	67.4	98.9	134	175	216	254	287	315	339	357	371	377
-55	0.42	0.82	4.64	12.5	24.2	39.5	56.6	82.5	122	166	216	267	314	355	391	420	444	461	469
-50	0.36	0.80	5.81	15.9	30.7	50.2	71.9	105	156	213	278	344	405	459	504	543	574	597	607
-45	0.32	0.79	6.59	18.2	35.1	57.3	82.0	120	179	245	320	396	466	527	580	624	661	688	699
-40	0.28	0.79	8.76	23.8	44.3	69.7	105	161	241	332	428	523	617	709	801	890	963	1014	1035
-35	0.25	0.79	10.3	27.8	50.7	78.1	121	191	285	395	507	615	726	840	962	1086	1187	1257	1285
-30	0.20	0.80	12.7	33.8	60.4	90.9	146	236	352	490	626	753	889	1037	1205	1380	1524	1621	1661
-25	0.19	0.85	14.1	36.0	65.0	98.8	161	256	386	540	691	848	1045	1264	1453	1635	1791	1898	1943
-20	0.16	0.92	16.1	39.3	71.8	111	185	288	437	615	790	990	1280	1603	1826	2018	2192	2312	2367
-15	0.14	0.97	17.5	41.4	76.4	119	200	308	471	664	855	1084	1437	1829	2075	2274	2460	2588	2650
-10	0.13	1.10	18.8	45.0	83.1	136	222	341	524	731	945	1235	1693	2087	2344	2558	2734	2857	2909
-5	0.13	1.03	19.0	45.3	84.6	140	225	352	543	754	980	1298	1785	2209	2495	2713	2883	2991	3034
0	0.12	1.04	19.8	46.6	86.6	144	226	373	574	788	1023	1372	1897	2359	2671	2897	3044	3124	3153
5	0.12	0.97	19.4	45.7	85.3	140	221	365	567	780	1014	1358	1875	2346	2668	2897	3043	3121	3152
10	0.12	1.30	19.4	45.8	85.3	142	226	358	551	759	985	1306	1803	2237	2547	2773	2935	3025	3058
15	0.12	1.40	18.2	44.3	81.6	134	216	332	516	721	933	1215	1668	2084	2356	2591	2778	2893	2932
20	0.11	1.34	17.0	41.4	75.4	120	197	302	467	653	843	1073	1424	1769	2034	2271	2455	2574	2614
25	0.11	1.26	16.2	39.4	71.2	111	183	283	434	607	781	978	1256	1546	1814	2051	2228	2345	2386
30	0.11	1.15	15.0	36.4	64.9	96.9	163	256	385	538	689	835	1004	1213	1485	1721	1888	2002	2043
35	0.11	1.00	13.5	33.1	59.2	89.0	145	228	343	478	614	745	890	1064	1280	1468	1603	1697	1731
40	0.11	0.77	11.2	28.1	50.7	77.1	118	186	278	387	500	609	720	839	972	1088	1175	1238	1263
45	0.11	0.62	9.71	24.8	45.1	69.2	100	157	235	327	425	519	606	689	767	834	890	932	952
50	0.12	0.51	7.86	20.4	37.3	57.5	82.1	128	191	264	344	420	489	551	605	651	691	722	737
55	0.12	0.45	6.67	17.5	32.1	49.8	71.1	111	164	227	295	359	417	470	516	556	589	615	627
60	0.12	0.35	4.90	13.2	24.5	38.1	54.5	84.2	124	170	220	267	311	349	383	412	436	454	462
65	0.12	0.29	3.71	10.3	19.3	30.3	43.5	66.5	96.8	133	171	206	239	269	295	316	333	347	353
70	0.12	0.20	1.94	5.97	11.7	18.7	26.9	40.0	56.5	76.3	96.5	115	132	148	162	172	180	186	188
75	0.13	0.14	0.75	3.09	6.54	10.9	15.9	22.4	29.7	38.6	47.0	53.9	61.2	67.4	73.3	76.7	78.0	78.9	78.7
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
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SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: X10cd

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	146	142	137	129	118	106	93.1	77.6	61.9	46.5	32.6	22.8	16.0	10.3	5.78	2.40	0.99	0.57
-65	237	230	220	206	189	169	148	122	96.4	71.5	49.1	33.7	23.7	15.5	8.72	3.50	1.01	0.54
-60	373	361	344	323	295	264	230	189	148	109	73.7	50.2	35.4	23.2	13.1	5.15	1.04	0.48
-55	464	449	427	400	366	327	284	234	183	134	90.2	61.1	43.1	28.4	16.1	6.25	1.06	0.44
-50	600	581	552	516	473	422	366	300	234	171	115	77.5	54.7	36.1	20.5	7.90	1.09	0.39
-45	691	668	635	594	544	485	421	345	269	196	131	88.5	62.5	41.3	23.4	9.00	1.11	0.35
-40	1023	982	915	828	732	639	547	453	356	259	175	112	74.7	49.6	28.4	11.2	1.19	0.30
-35	1271	1215	1122	999	869	750	637	530	419	304	206	128	82.9	55.3	31.8	12.8	1.26	0.27
-30	1643	1565	1433	1257	1074	915	772	646	513	372	254	153	95.2	63.8	37.0	15.1	1.35	0.23
-25	1930	1851	1708	1516	1321	1107	886	720	569	413	280	172	106	69.7	39.8	16.7	1.46	0.21
-20	2361	2280	2120	1905	1690	1395	1057	832	652	474	319	200	122	78.6	44.0	19.1	1.61	0.19
-15	2648	2566	2395	2164	1936	1587	1171	906	707	515	345	218	132	84.5	46.9	20.6	1.71	0.17
-10	2903	2833	2682	2462	2188	1819	1322	987	762	557	371	237	146	90.1	48.9	21.6	1.58	0.16
-5	3025	2970	2848	2643	2359	1950	1432	1052	806	596	396	245	152	93.1	50.6	22.7	1.73	0.15
0	3145	3097	2992	2789	2485	2044	1482	1077	823	612	405	241	151	93.0	50.8	22.8	1.55	0.14
5	3147	3094	2974	2765	2475	2050	1496	1088	831	618	411	247	153	94.5	51.6	23.2	1.96	0.14
10	3046	2967	2813	2601	2326	1927	1399	1033	794	584	390	244	151	92.3	50.2	22.4	2.02	0.14
15	2909	2814	2650	2432	2181	1811	1324	996	771	566	378	238	145	90.1	49.7	22.2	2.41	0.14
20	2592	2495	2329	2106	1851	1536	1160	898	702	514	344	215	131	82.8	46.5	20.6	2.20	0.14
25	2365	2271	2105	1879	1617	1339	1044	827	651	476	320	198	121	77.4	44.1	19.4	1.95	0.13
30	2025	1934	1769	1539	1265	1044	870	721	574	418	284	172	105	69.3	40.4	17.7	1.58	0.13
35	1716	1641	1508	1325	1107	927	779	645	513	374	253	155	96.9	63.9	37.2	16.2	1.48	0.13
40	1252	1202	1117	1004	871	751	641	532	420	307	206	130	84.3	55.9	32.4	13.9	1.34	0.13
45	943	909	856	790	714	633	550	457	359	263	175	113	75.9	50.6	29.2	12.4	1.24	0.12
50	730	705	668	623	571	511	446	371	291	214	143	92.8	63.3	42.2	24.3	10.2	1.03	0.12
55	622	601	569	531	487	436	381	318	250	184	123	80.5	54.8	36.5	20.9	8.75	0.89	0.12
60	459	444	422	394	362	324	284	237	188	139	94.0	61.9	42.2	28.0	15.9	6.55	0.67	0.12
65	350	340	323	303	278	250	219	184	146	109	74.4	49.5	33.8	22.3	12.6	5.08	0.53	0.12
70	188	183	176	166	153	138	122	104	83.8	63.5	45.0	31.0	21.2	13.8	7.58	2.88	0.31	0.12
75	79.0	78.6	77.4	74.9	69.7	63.6	56.8	50.1	42.3	33.5	25.3	18.6	12.8	8.09	4.24	1.42	0.16	0.12
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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