

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	712.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	127.5V x 114.6H
	At 50% of Imax	68.3V x 67.9H
	At 90% of Imax	28.5V x 35.6H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	941.5 lumens per klm.
	To 50% of Imax	572.8 lumens per klm.
	To 90% of Imax	154.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

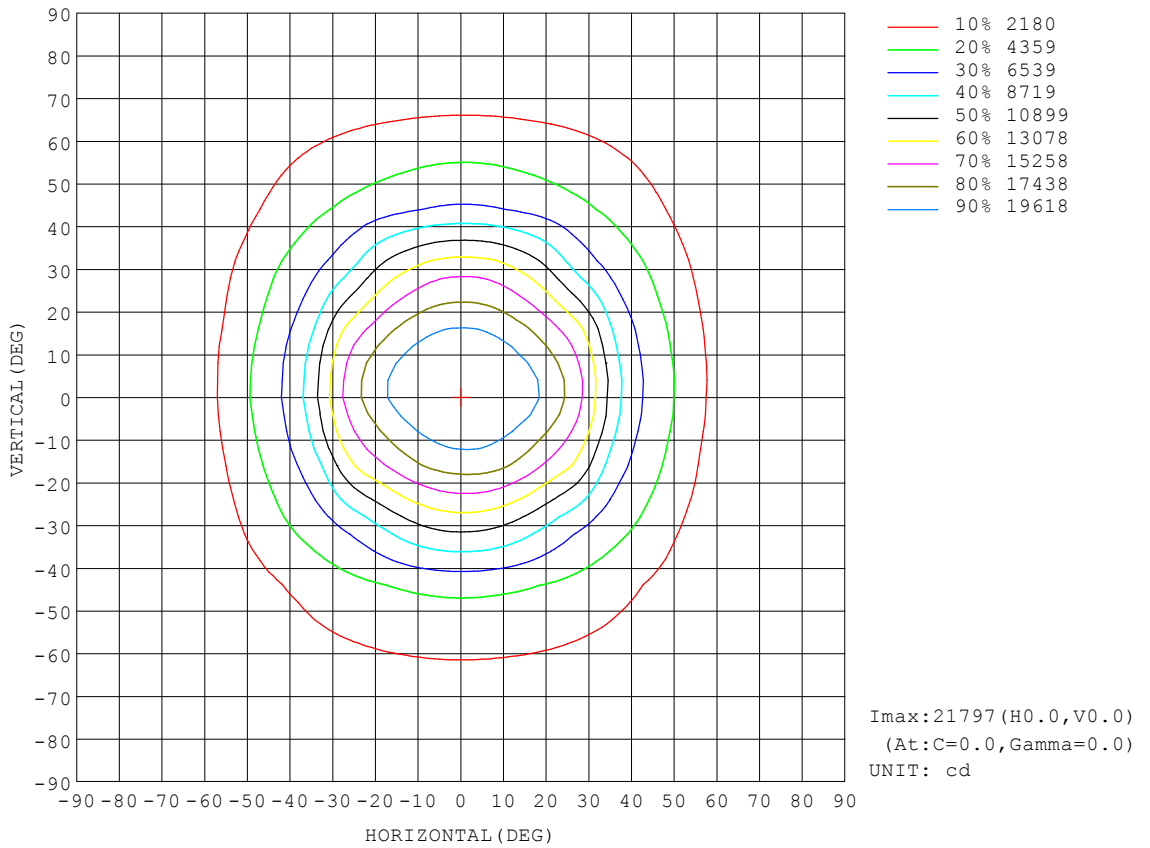
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-04-16

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:219.90V I:0.9410A P:199.80W PF:0.9650 Freq:50.00Hz Lamp Flux:30593.3x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

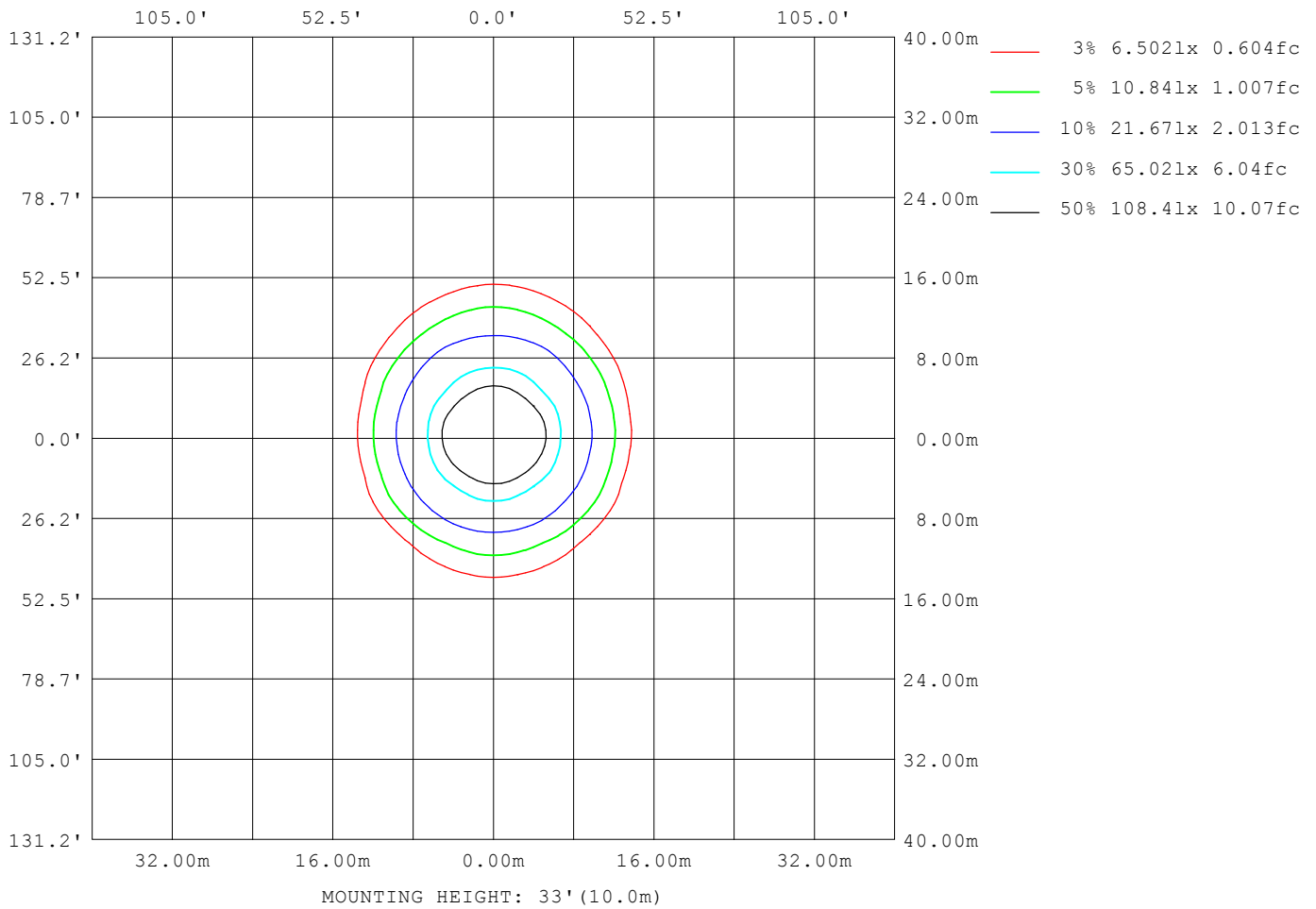


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-04-16

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

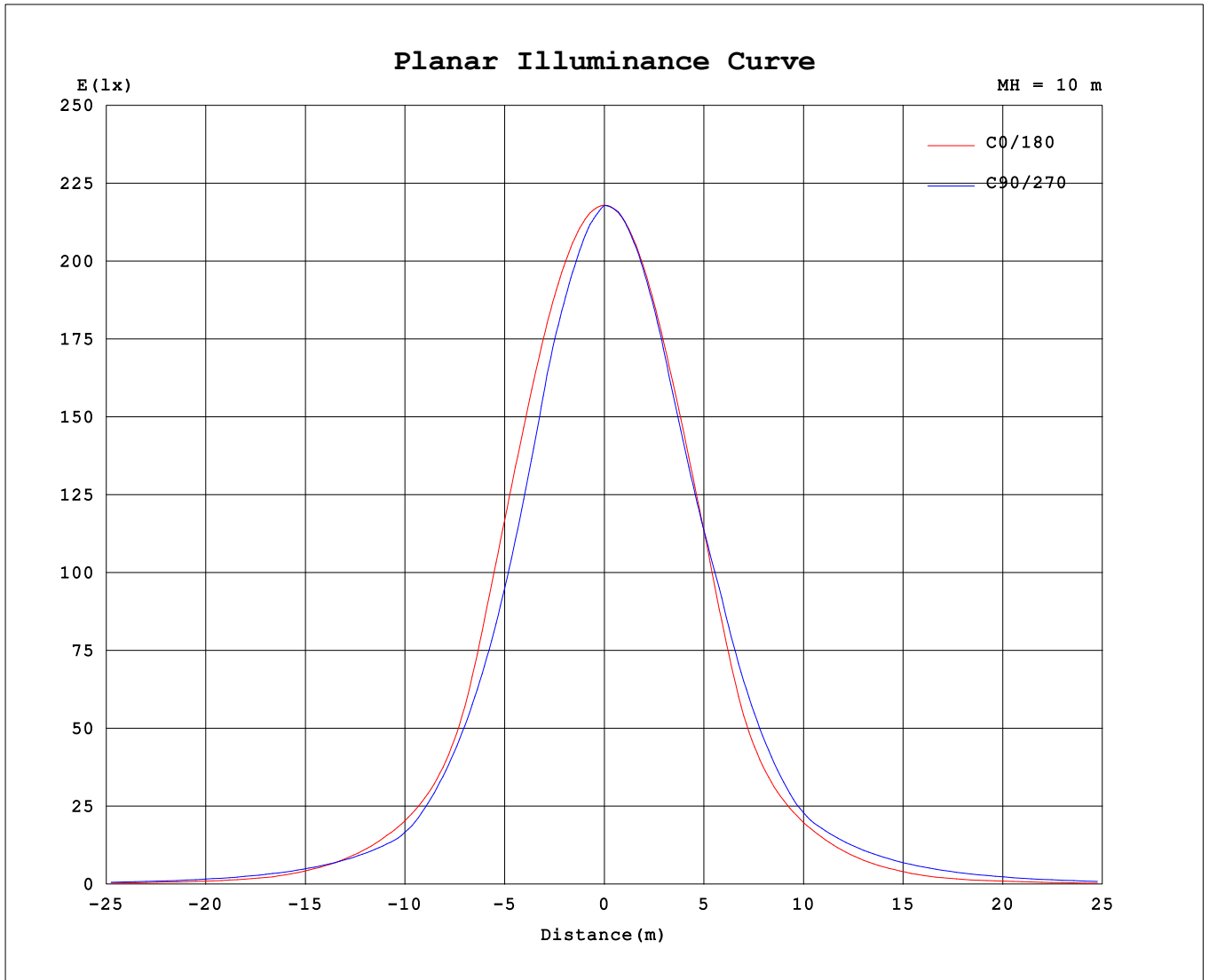
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NAME: Venus Flood Light	TYPE:	WEIGHT:
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V(B) Range:-75 - 75DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:9.078m [K=1.0000]
Remarks:

Planar Illuminance Curve

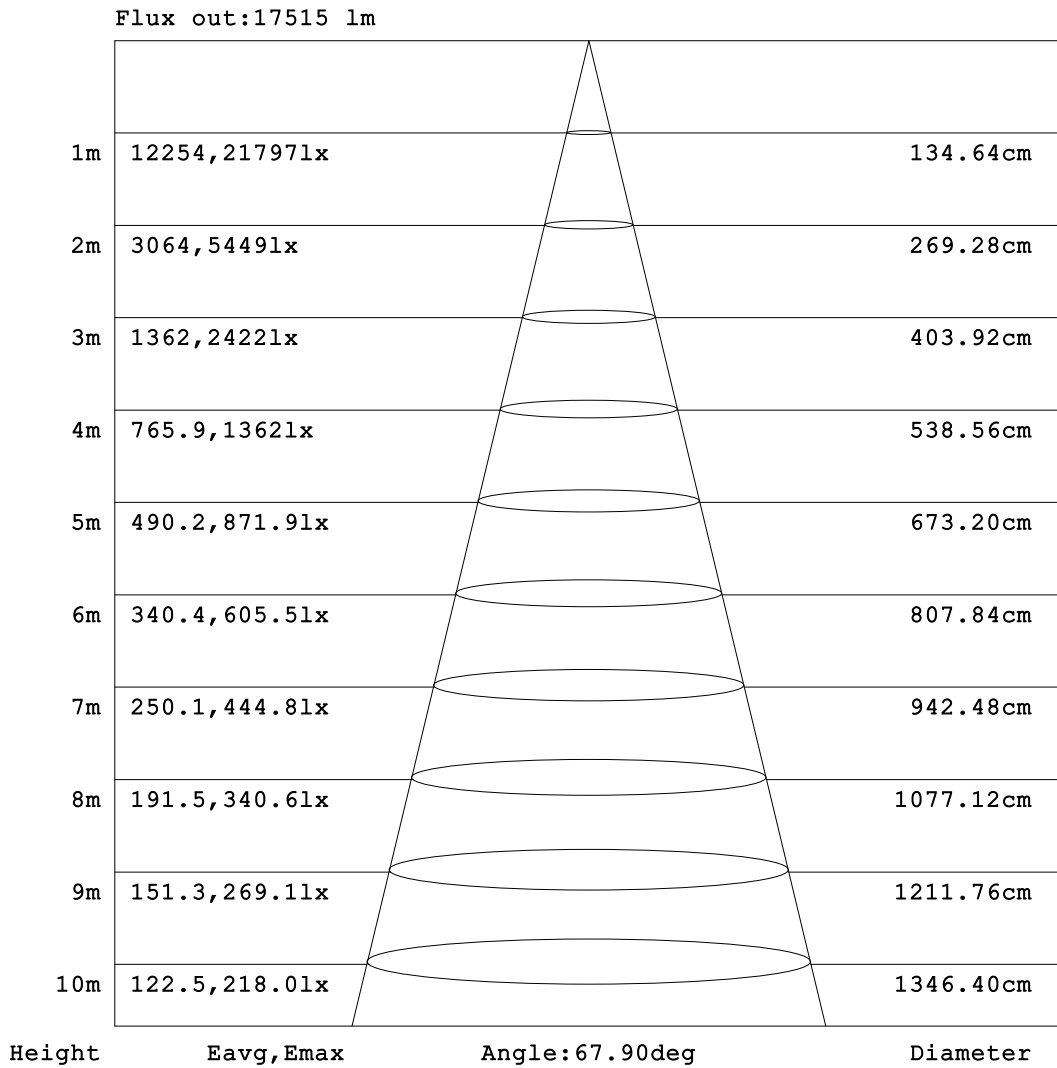


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-04-16

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:219.90V I:0.9410A P:199.80W PF:0.9650 Freq:50.00Hz Lamp Flux:30593.3x1 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: 2025-04-16

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:219.90V I:0.9410A P:199.80W PF:0.9650 Freq:50.00Hz Lamp Flux:30593.3x1 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	0.45	0.75	1.79	3.65	6.27	9.43	13.0	18.3	27.0	38.4	49.1	59.2	68.2	75.9	82.7	88.2	92.0	94.6	95.4
-65	0.42	0.77	2.43	5.30	9.34	14.2	20.0	28.7	41.6	59.4	76.8	93.3	108	120	131	140	147	152	153
-60	0.37	0.79	3.40	7.78	14.0	21.4	30.6	44.1	63.5	90.9	118	144	168	187	204	218	229	237	240
-55	0.34	0.81	4.04	9.43	17.0	26.1	37.6	54.4	78.2	112	146	179	207	232	253	270	284	294	297
-50	0.29	0.84	5.00	11.9	21.6	33.3	48.2	69.9	100	144	188	230	267	299	326	348	367	380	384
-45	0.26	0.85	5.65	13.6	24.7	38.1	55.2	80.2	115	165	215	264	307	343	374	401	422	436	442
-40	0.22	0.99	7.06	16.9	30.3	46.8	71.1	107	161	228	295	357	418	477	538	599	647	680	691
-35	0.19	1.09	8.05	19.2	34.1	52.9	82.4	126	196	275	353	425	498	576	660	747	817	863	879
-30	0.15	1.24	9.55	22.7	39.9	61.9	99.4	155	248	346	440	526	620	723	842	969	1072	1138	1162
-25	0.14	1.39	10.2	24.3	43.3	67.8	109	173	274	382	486	594	736	888	1018	1148	1257	1329	1356
-20	0.12	1.63	11.3	26.8	48.3	76.7	122	200	312	435	556	696	910	1136	1283	1418	1536	1614	1647
-15	0.11	1.78	12.0	28.4	51.7	82.7	131	219	338	471	603	764	1026	1301	1459	1597	1722	1804	1841
-10	0.10	2.42	13.1	30.5	57.0	95.5	146	248	377	518	667	876	1214	1476	1648	1797	1912	1990	2018
-5	0.09	2.78	13.4	31.2	59.1	98.1	151	259	393	537	695	927	1281	1563	1754	1902	2014	2082	2103
0	0.09	3.13	14.2	33.0	61.4	101	155	275	417	562	729	986	1360	1668	1872	2021	2117	2166	2180
5	0.09	3.08	14.1	32.6	60.8	100	155	270	413	558	723	977	1348	1660	1865	2014	2107	2157	2175
10	0.09	3.14	14.2	32.9	61.0	101	158	263	401	543	703	942	1297	1587	1787	1932	2034	2089	2110
15	0.09	2.97	13.6	31.6	58.2	96.2	152	247	377	517	667	875	1210	1481	1663	1819	1936	2006	2028
20	0.09	2.75	12.7	29.6	53.7	86.7	139	225	342	472	604	773	1033	1263	1451	1609	1728	1803	1827
25	0.09	2.60	12.1	28.2	50.7	80.2	129	212	318	441	561	704	909	1110	1306	1464	1581	1658	1682
30	0.08	2.39	11.2	26.1	46.1	70.3	114	191	283	394	496	600	722	881	1088	1247	1361	1440	1465
35	0.08	2.12	10.3	23.9	42.3	64.6	102	169	253	352	445	538	642	772	936	1063	1157	1222	1243
40	0.08	1.71	8.80	20.5	36.5	56.0	85.1	136	207	289	368	445	523	610	709	788	851	895	910
45	0.08	1.44	7.83	18.3	32.6	50.3	73.5	114	176	247	317	382	443	502	557	605	647	676	688
50	0.09	1.18	6.49	15.2	27.2	41.9	60.6	93.2	144	201	258	311	358	402	440	473	503	525	534
55	0.09	1.03	5.61	13.2	23.6	36.4	52.6	80.6	124	173	221	266	307	344	376	404	430	448	456
60	0.09	0.80	4.30	10.1	18.2	28.2	40.7	61.7	93.6	130	166	199	229	256	280	301	319	332	337
65	0.09	0.65	3.43	8.11	14.6	22.7	32.7	49.1	73.6	101	129	154	177	198	216	232	245	255	258
70	0.09	0.42	2.11	5.06	9.22	14.4	20.7	30.2	43.5	58.8	73.4	86.7	99.3	111	121	128	134	139	140
75	0.09	0.26	1.24	3.03	5.63	8.87	12.7	17.6	23.4	30.4	36.5	41.9	47.5	52.7	57.0	59.3	60.7	61.6	61.4
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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H(β) Interval: 1.0DEG
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Operators:杨守真
Test Date:2025-04-16

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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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NAME: Venus Flood Light	TYPE:	WEIGHT:
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	94.8	92.6	89.3	84.4	77.8	70.1	61.8	52.0	40.4	30.1	22.0	15.6	10.8	7.19	4.30	2.13	0.86	0.46
-65	152	148	142	134	124	111	97.4	81.6	62.6	45.9	33.1	22.9	15.8	10.5	6.17	2.90	0.92	0.43
-60	237	231	221	209	192	173	151	126	95.8	69.5	49.6	33.9	23.3	15.4	8.97	4.05	1.00	0.38
-55	294	286	274	258	238	214	186	155	118	85.2	60.6	41.2	28.3	18.6	10.8	4.82	1.05	0.35
-50	380	369	353	333	307	275	240	200	151	109	77.2	52.2	35.8	23.6	13.6	5.97	1.13	0.31
-45	437	424	406	382	352	316	276	229	173	125	88.2	59.6	40.8	26.8	15.5	6.74	1.18	0.27
-40	682	653	608	551	488	428	368	308	239	169	116	75.8	49.7	32.3	18.8	8.14	1.34	0.24
-35	867	825	759	675	588	509	435	364	287	201	135	87.4	55.9	36.0	21.1	9.12	1.45	0.21
-30	1144	1083	986	863	738	631	535	449	360	249	165	105	65.0	41.6	24.6	10.6	1.63	0.18
-25	1341	1279	1177	1043	911	766	613	501	398	282	185	116	72.4	45.7	26.6	11.6	1.99	0.16
-20	1637	1574	1463	1313	1169	969	731	578	456	330	215	132	83.4	52.0	29.7	13.3	2.53	0.15
-15	1835	1771	1653	1494	1342	1104	810	630	495	363	235	143	90.7	56.1	31.7	14.3	2.89	0.14
-10	2007	1951	1844	1694	1508	1268	919	686	532	394	260	155	102	61.2	33.5	15.2	3.41	0.13
-5	2089	2041	1953	1814	1626	1353	997	732	562	421	279	160	106	64.4	34.8	16.0	3.90	0.12
0	2167	2126	2049	1913	1715	1426	1039	754	578	434	290	162	107	65.1	35.1	16.3	3.96	0.11
5	2166	2124	2041	1904	1712	1429	1053	764	585	440	293	163	108	66.2	35.7	16.6	4.15	0.11
10	2100	2044	1940	1800	1620	1356	988	727	560	417	282	166	108	65.1	34.9	16.2	3.96	0.11
15	2011	1945	1836	1694	1525	1280	936	702	544	403	271	160	104	63.4	34.7	16.0	4.02	0.10
20	1810	1743	1631	1484	1304	1089	821	634	496	366	245	147	94.0	58.1	32.6	14.9	3.72	0.10
25	1667	1600	1488	1337	1146	950	740	585	461	338	227	137	86.6	54.3	30.9	14.0	3.47	0.10
30	1451	1387	1273	1116	910	743	618	511	408	298	199	121	75.4	48.5	28.4	12.7	3.09	0.10
35	1231	1178	1086	960	797	661	554	459	366	267	178	110	69.2	44.7	26.1	11.7	2.85	0.10
40	902	865	805	726	629	539	459	382	303	220	145	92.1	59.8	39.0	22.8	10.2	2.49	0.10
45	682	657	617	571	517	457	395	330	261	189	124	80.4	53.6	35.1	20.6	9.25	2.24	0.09
50	529	511	482	450	414	370	321	269	213	155	101	66.5	44.8	29.4	17.2	7.72	1.88	0.09
55	451	436	412	385	354	316	275	231	183	133	87.8	57.8	39.0	25.6	15.0	6.70	1.63	0.09
60	334	323	306	287	264	236	206	173	137	101	67.1	44.6	30.3	19.8	11.6	5.16	1.26	0.09
65	257	248	236	221	204	183	159	134	107	79.1	53.4	35.9	24.5	16.0	9.31	4.13	1.01	0.09
70	140	136	130	123	114	102	89.9	76.7	62.1	46.7	32.8	22.8	15.7	10.2	5.93	2.60	0.64	0.09
75	61.8	61.1	59.9	57.9	53.8	48.9	43.6	38.2	32.0	25.1	19.1	14.0	9.95	6.38	3.68	1.57	0.39	0.09
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:2025-04-16

V(B) Range:-75 - 75DEG
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