

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		690.1 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		1.0 degrees horizontal

Beam Spread	At 10% of Imax	129.8V x 117.4H
	At 50% of Imax	71.9V x 67.5H
	At 90% of Imax	34.0V x 29.8H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	947.4 lumens per klm.
	To 50% of Imax	575.9 lumens per klm.
	To 90% of Imax	150.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

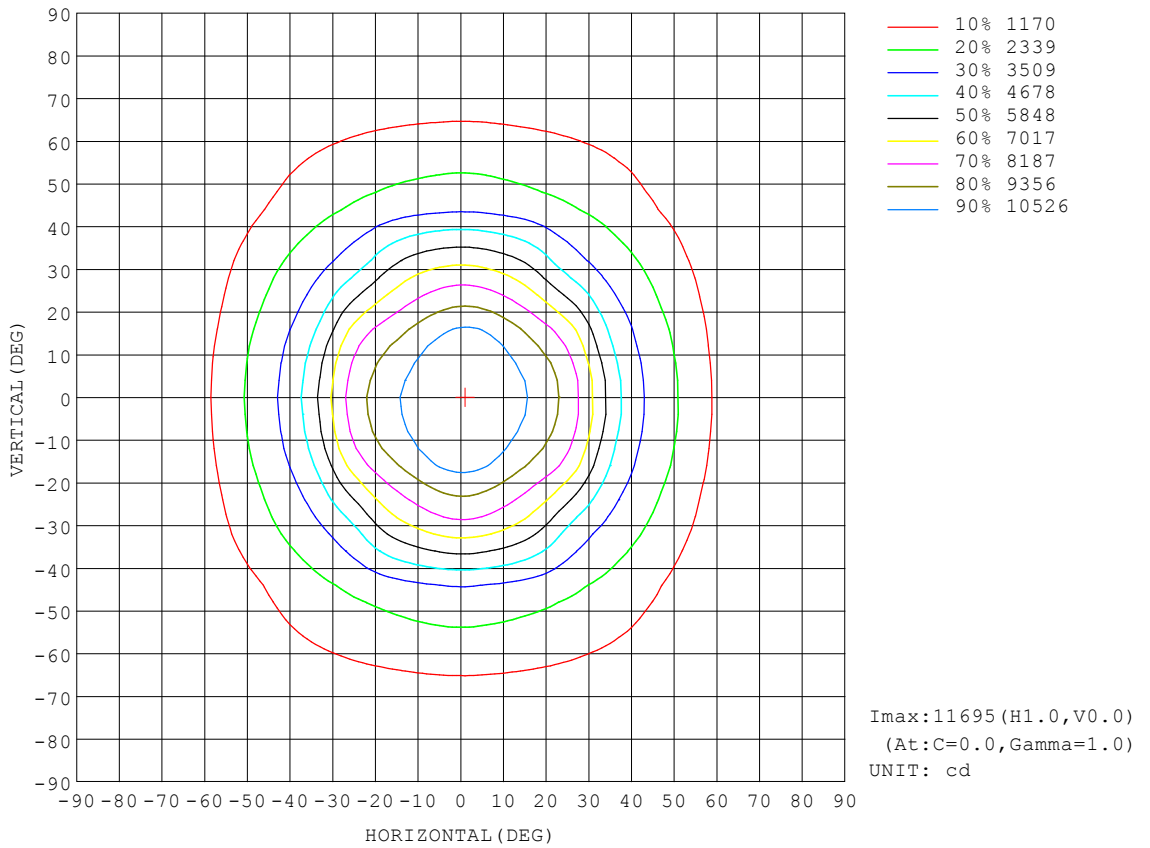
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-05-12

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:220.10V I:0.5040A P:107.70W PF:0.9700 Freq:50.00Hz Lamp Flux:16947.8x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

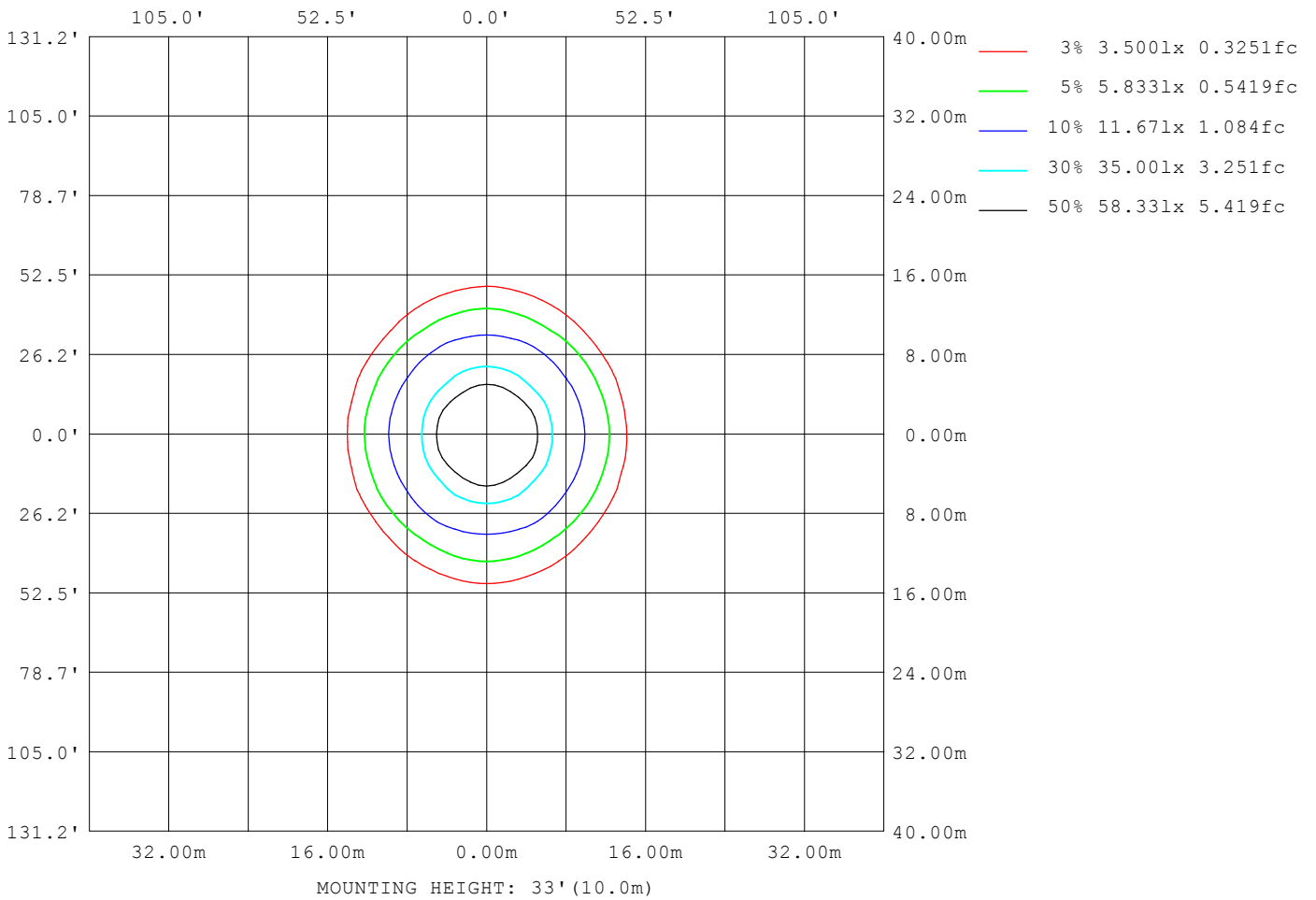


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-05-12

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

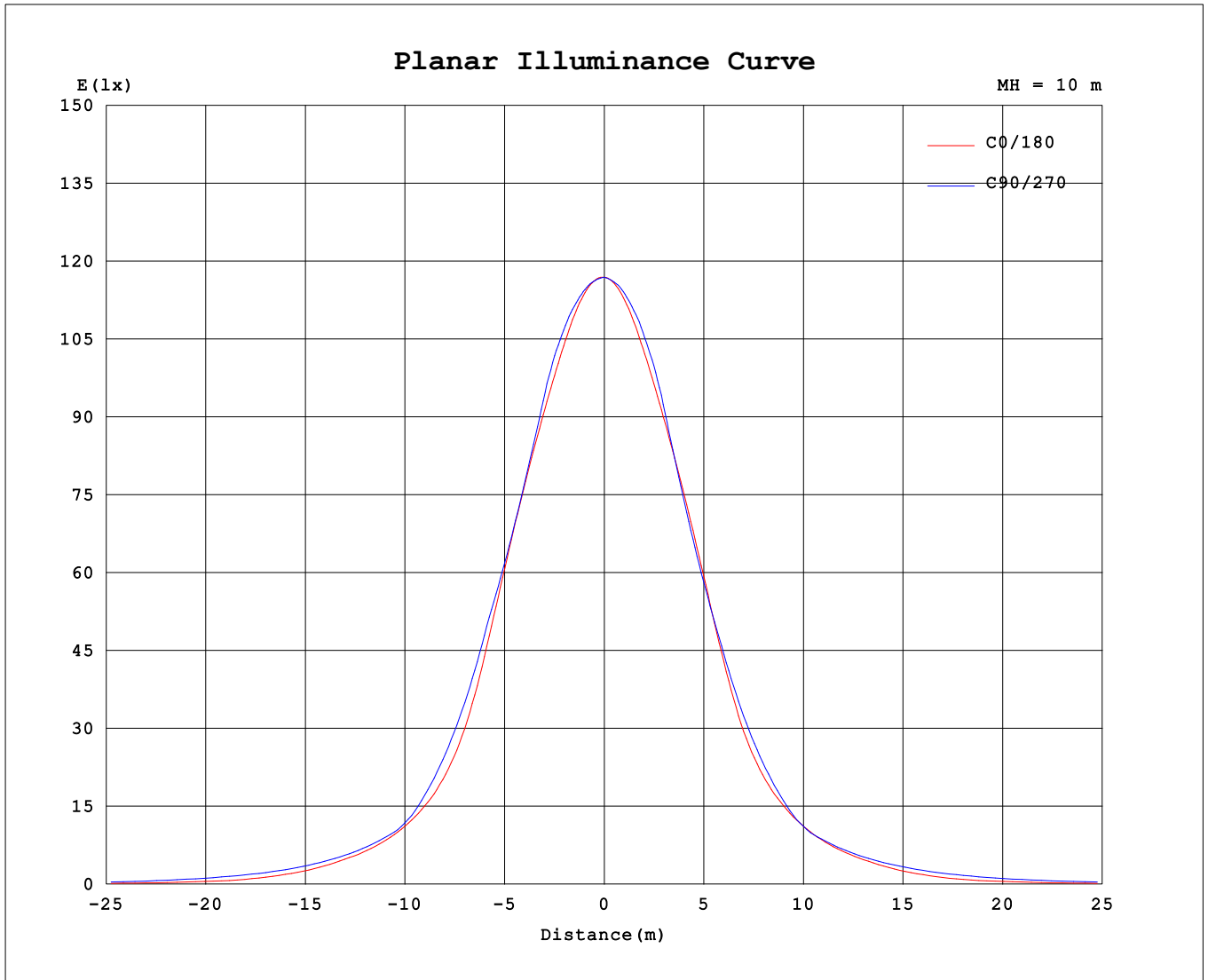
Test:U:220.10V I:0.5040A P:107.70W PF:0.9700 Freq:50.00Hz Lamp Flux:16947.8x1 lm		
NAME: Venus Flood Light	TYPE:	WEIGHT:
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Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-05-12

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

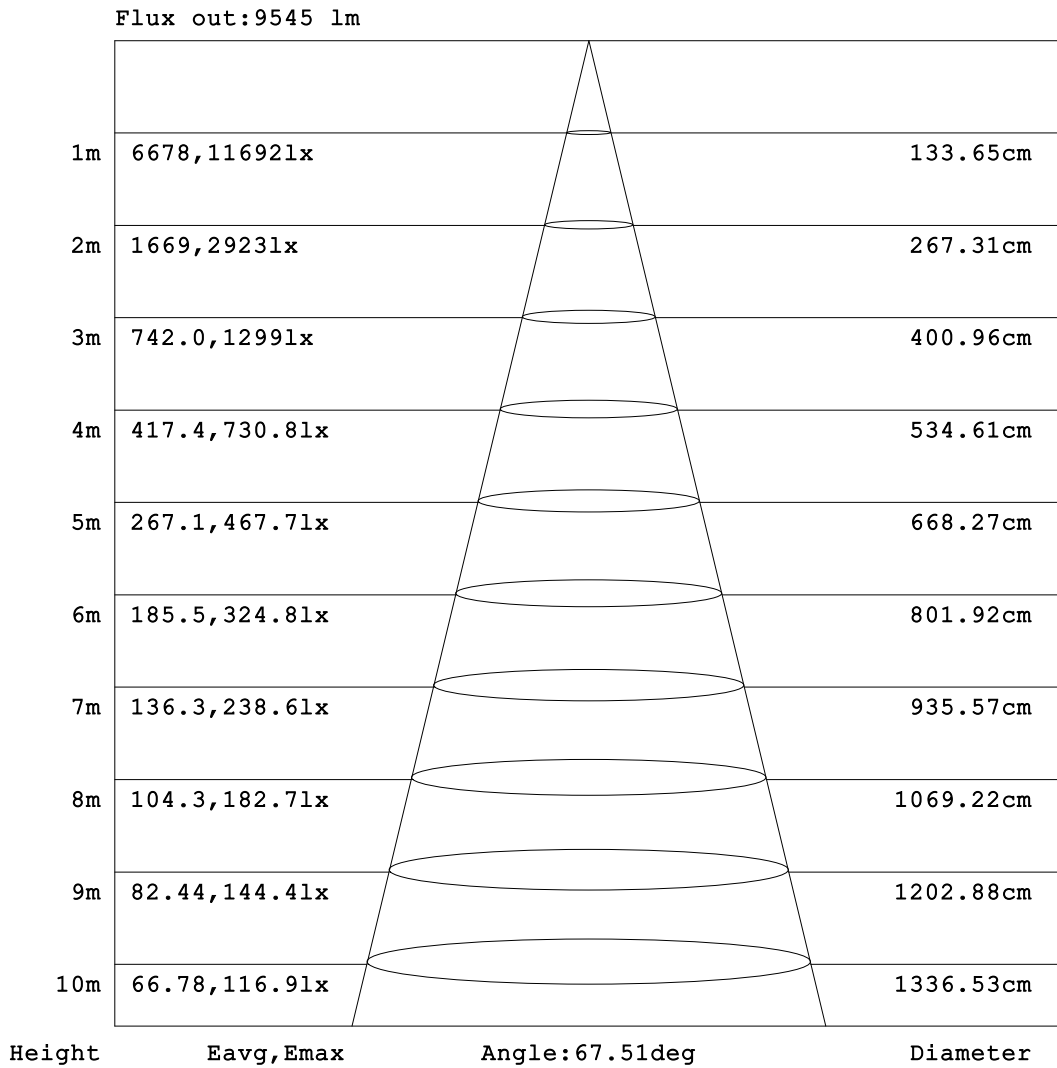


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:杨守真
Test Date:2025-05-12

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:220.10V I:0.5040A P:107.70W PF:0.9700 Freq:50.00Hz Lamp Flux:16947.8x1 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:2025-05-12

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:220.10V I:0.5040A P:107.70W PF:0.9700 Freq:50.00Hz Lamp Flux:16947.8x1 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	0.23	0.35	0.98	2.35	4.15	6.53	9.53	13.3	18.3	25.6	34.4	41.0	47.0	52.3	56.7	60.5	64.0	66.4	67.2
-65	0.21	0.35	1.39	3.46	6.06	9.48	14.0	20.5	28.9	40.9	54.1	64.9	74.5	83.2	90.5	96.9	103	107	108
-60	0.19	0.34	2.01	5.13	8.93	13.9	20.7	31.2	44.8	63.7	83.7	101	116	130	141	152	161	168	170
-55	0.17	0.33	2.42	6.24	10.8	16.9	25.2	38.4	55.5	79.0	103	125	143	160	175	188	200	208	212
-50	0.14	0.32	3.03	7.91	13.7	21.3	31.9	49.2	71.4	102	133	160	185	207	226	243	258	269	274
-45	0.13	0.32	3.44	9.02	15.6	24.2	36.3	56.3	82.1	117	153	184	212	238	259	279	297	310	315
-40	0.11	0.31	4.35	10.9	18.8	29.9	46.9	75.4	112	153	195	233	274	318	371	415	447	470	481
-35	0.09	0.30	4.99	12.3	21.0	33.9	54.4	89.2	134	179	224	268	317	375	453	516	559	591	606
-30	0.08	0.30	5.96	14.2	24.2	39.9	65.8	110	166	217	269	319	383	462	577	668	727	771	793
-25	0.07	0.29	6.38	15.0	25.5	42.6	70.5	121	181	235	293	357	444	543	655	742	805	854	877
-20	0.06	0.27	7.02	16.0	27.5	46.7	77.5	137	202	262	329	413	536	664	772	854	922	977	1002
-15	0.05	0.27	7.44	16.8	28.8	49.4	82.2	148	216	280	353	450	597	745	850	929	1000	1059	1086
-10	0.05	0.26	8.02	17.5	30.3	53.1	88.9	162	234	302	387	503	674	833	937	1009	1073	1122	1146
-5	0.05	0.22	8.01	17.5	30.5	52.8	89.9	167	239	310	396	520	695	854	958	1030	1091	1138	1161
0	0.04	0.19	8.28	17.8	31.0	53.5	93.9	172	244	316	406	536	716	871	971	1043	1103	1149	1169
5	0.04	0.20	8.13	17.7	30.5	52.4	90.6	169	241	312	399	524	700	856	954	1026	1090	1140	1162
10	0.04	0.34	8.02	17.3	30.0	52.3	88.1	161	234	301	384	495	663	820	915	982	1049	1107	1134
15	0.04	0.39	7.65	16.7	28.8	49.7	82.8	150	222	286	362	459	606	765	862	930	997	1060	1094
20	0.04	0.43	7.04	15.7	26.9	45.5	75.1	133	199	259	325	404	518	646	741	816	883	938	967
25	0.04	0.45	6.63	15.0	25.5	42.7	70.1	121	183	240	300	367	459	561	654	736	802	850	873
30	0.04	0.48	6.01	14.0	23.6	38.5	62.5	104	160	212	262	312	369	435	524	616	681	718	732
35	0.04	0.43	5.36	12.8	21.6	34.9	55.6	91.2	139	187	232	277	327	382	453	526	577	607	619
40	0.04	0.35	4.39	10.9	18.6	29.4	45.3	71.5	108	149	188	225	263	302	347	390	421	440	448
45	0.04	0.30	3.74	9.69	16.6	25.7	38.4	58.4	87.8	123	158	191	221	249	276	299	317	329	335
50	0.05	0.25	3.00	7.93	13.7	21.1	31.2	46.9	70.1	99.0	127	154	178	199	218	233	245	254	258
55	0.05	0.22	2.53	6.76	11.7	18.2	26.9	40.3	60.0	84.6	108	131	151	169	185	198	209	216	220
60	0.05	0.17	1.83	5.01	8.84	13.8	20.4	30.4	45.0	63.0	80.3	97.0	112	125	137	146	154	159	162
65	0.05	0.14	1.37	3.85	6.90	10.9	16.1	23.8	35.0	48.5	61.6	74.2	85.4	95.5	104	111	117	121	123
70	0.05	0.09	0.67	2.10	3.99	6.50	9.61	14.0	19.9	26.9	33.6	40.1	45.9	51.1	55.7	59.3	62.1	64.0	64.9
75	0.05	0.06	0.20	0.93	2.05	3.57	5.28	7.37	9.89	12.4	15.0	17.3	19.6	21.5	23.4	24.5	25.4	26.1	26.2
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
Test Speed: HIGH
Temperature:25.3℃
Operators:杨守真
Test Date:2025-05-12

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:220.10V I:0.5040A P:107.70W PF:0.9700 Freq:50.00Hz Lamp Flux:16947.8x1 lm		
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	66.4	64.2	61.2	57.6	52.9	47.5	41.7	35.3	28.4	20.6	14.5	9.86	6.66	4.20	2.35	1.04	0.38	0.21
-65	107	103	98.0	91.9	84.3	75.4	66.0	55.6	44.3	31.5	21.6	14.4	9.64	6.15	3.48	1.47	0.38	0.20
-60	168	162	153	143	131	117	102	86.0	68.0	47.9	32.3	21.2	14.1	9.07	5.18	2.10	0.38	0.17
-55	208	201	190	178	163	145	127	106	83.9	58.8	39.4	25.8	17.1	11.0	6.31	2.53	0.38	0.16
-50	269	259	245	229	210	187	163	137	108	75.2	50.0	32.6	21.6	13.9	8.00	3.17	0.38	0.14
-45	309	298	282	264	241	215	188	157	124	86.1	57.2	37.1	24.6	15.9	9.13	3.59	0.38	0.12
-40	472	450	419	376	322	276	237	198	158	115	76.1	46.8	29.9	19.0	11.0	4.43	0.37	0.10
-35	594	564	521	458	380	320	271	227	183	136	89.9	53.6	33.6	21.0	12.2	5.01	0.37	0.09
-30	776	735	675	583	467	385	323	270	219	167	110	63.8	39.2	24.1	14.0	5.89	0.37	0.08
-25	859	813	751	666	556	454	364	297	239	183	122	70.4	42.3	25.6	14.9	6.38	0.38	0.07
-20	983	931	865	790	690	556	426	337	267	207	140	80.3	47.0	27.9	16.1	7.12	0.40	0.06
-15	1066	1009	940	873	779	625	467	363	287	223	152	86.9	50.1	29.4	17.0	7.61	0.42	0.05
-10	1132	1083	1015	945	854	697	513	388	304	237	167	92.5	52.0	30.6	17.6	7.85	0.35	0.05
-5	1151	1108	1045	974	881	728	541	406	316	245	173	97.9	52.9	31.3	18.0	8.17	0.37	0.05
0	1158	1119	1061	990	892	737	546	407	317	246	175	99.0	53.5	31.7	18.2	8.12	0.29	0.05
5	1151	1111	1052	983	887	730	542	407	316	245	173	99.7	54.4	31.6	18.2	8.22	0.42	0.05
10	1121	1074	1007	936	835	679	501	382	300	234	162	93.2	53.0	30.8	17.7	7.89	0.46	0.05
15	1082	1030	957	879	781	632	470	366	289	225	154	90.7	51.7	30.0	17.3	7.73	0.59	0.04
20	954	906	837	753	657	536	411	328	262	203	138	81.3	47.3	27.9	16.1	7.03	0.57	0.04
25	859	815	750	663	568	468	370	302	242	187	127	74.3	44.0	26.4	15.3	6.50	0.53	0.04
30	717	680	620	528	436	367	309	262	213	163	110	63.8	39.0	24.2	13.9	5.71	0.46	0.04
35	606	575	528	456	382	326	276	233	188	143	96.1	56.9	35.5	22.2	12.7	5.12	0.42	0.04
40	440	419	389	346	302	263	226	190	151	112	75.1	46.6	30.2	19.1	10.9	4.24	0.34	0.05
45	330	315	297	274	248	221	193	161	126	92.3	61.1	39.8	26.7	17.1	9.71	3.65	0.30	0.05
50	255	243	231	215	198	178	156	130	101	73.9	48.9	32.4	22.0	14.1	7.93	2.94	0.24	0.05
55	216	207	196	183	168	151	133	111	86.3	63.2	41.9	27.8	18.8	12.0	6.74	2.48	0.21	0.05
60	159	153	145	135	124	112	98.0	81.9	64.1	47.1	31.4	20.9	14.2	8.99	4.97	1.80	0.17	0.05
65	121	116	110	103	95.0	85.4	74.9	62.7	49.3	36.4	24.5	16.3	11.1	6.95	3.79	1.35	0.13	0.05
70	64.1	61.6	58.6	55.1	50.9	45.7	40.3	34.0	27.1	20.3	14.0	9.49	6.38	3.90	2.01	0.67	0.09	0.05
75	26.0	25.3	24.2	23.1	21.5	19.3	17.2	14.8	12.2	9.61	7.05	4.92	3.26	1.86	0.83	0.21	0.06	0.05
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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