

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	605.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	1.0 degrees horizontal

Beam Spread	At 10% of Imax	98.9V x 98.3H
	At 50% of Imax	86.5V x 86.5H
	At 90% of Imax	49.7V x 68.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	960.7 lumens per klm.
	To 50% of Imax	884.1 lumens per klm.
	To 90% of Imax	412.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	100.0 %

Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 1  
Test Date: 2025-10-25

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 6.790m [K=1.0000]  
Remarks:

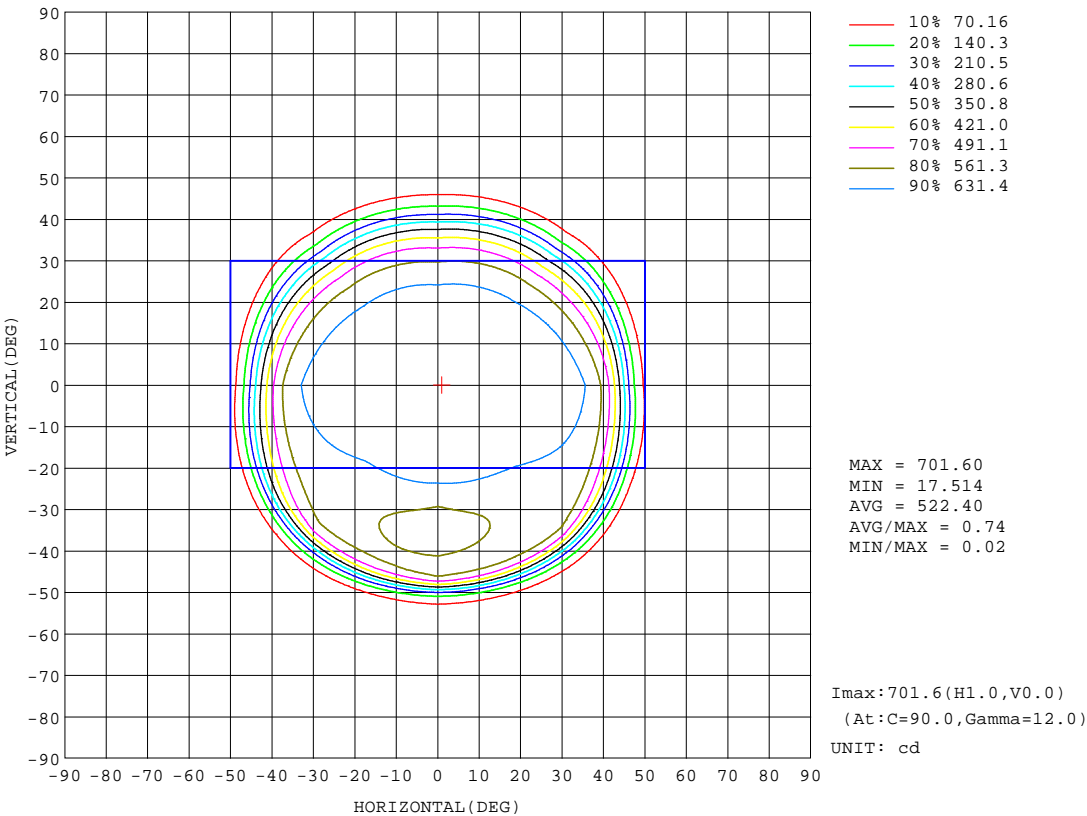
```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 6.790m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:1159.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 荣星透镜3CCT-3000K-10AH-高亮	DIM.: 0.250*0.215	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.200*0.145	Shielding Angle:

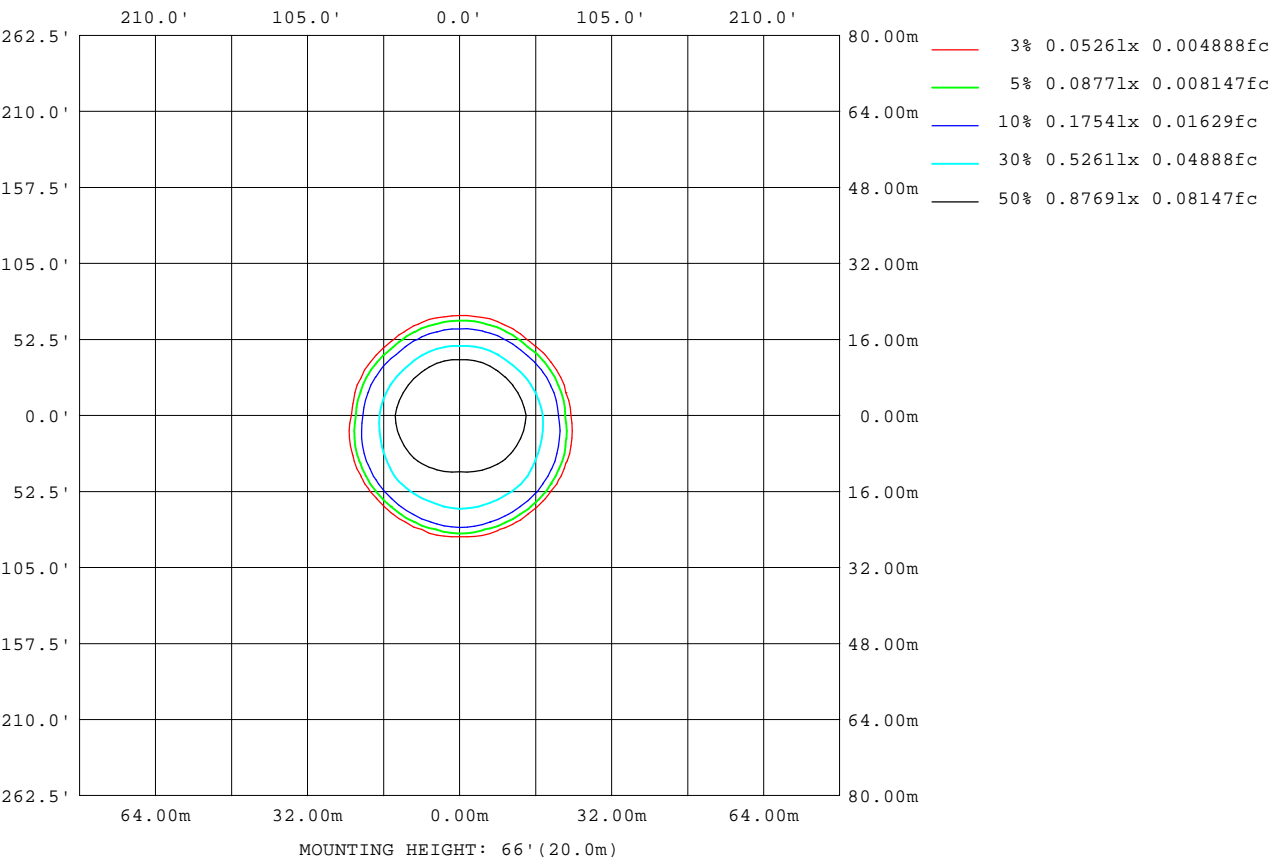


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:1  
Test Date:2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:6.790m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

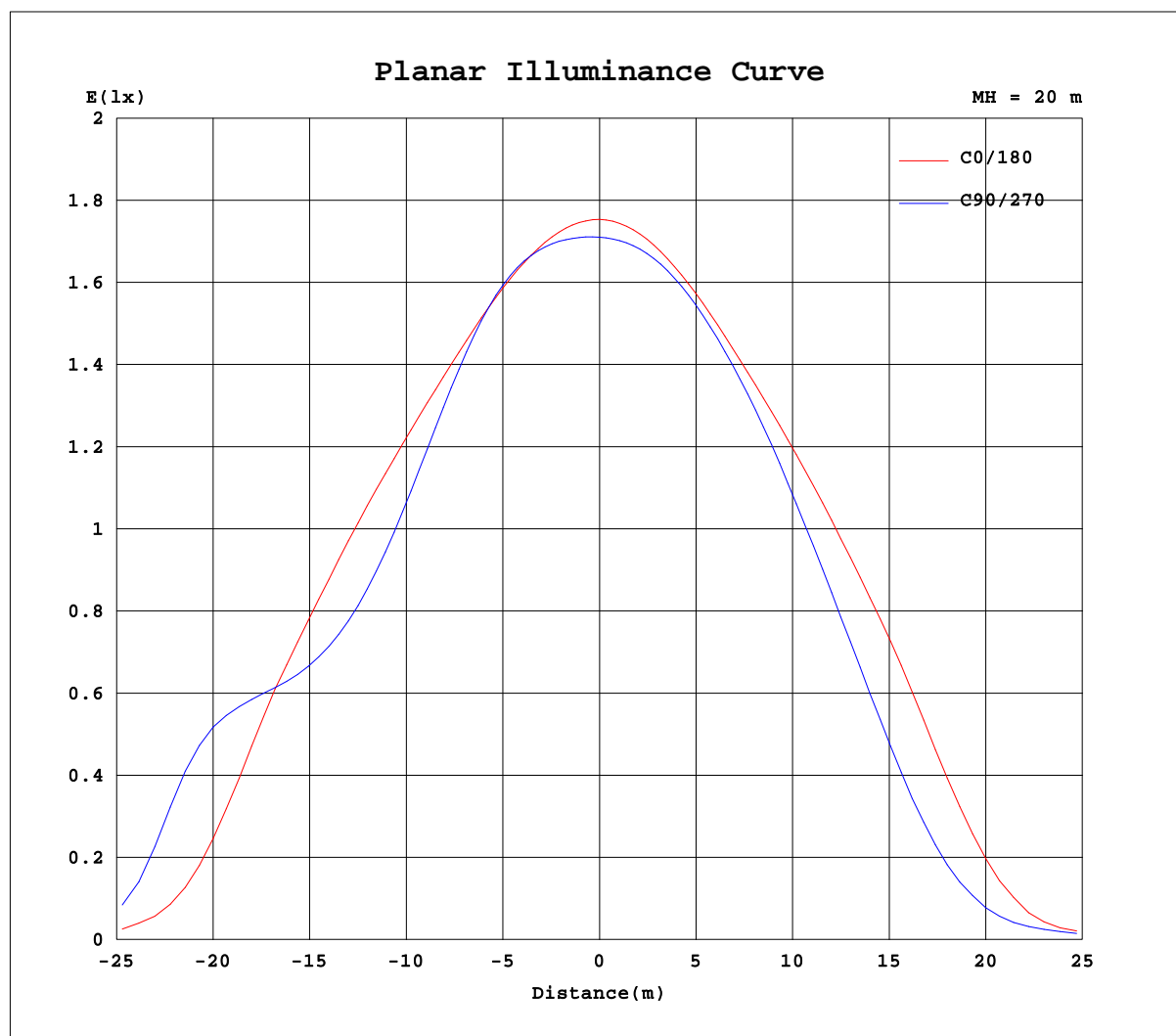
Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:1159.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 荣星透镜3CCT-3000K-10AH-高亮	DIM.: 0.250*0.215	SERIAL No.:
MFR.: EVERFINE	SUR.:0.200*0.145	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:1  
Test Date:2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:6.790m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

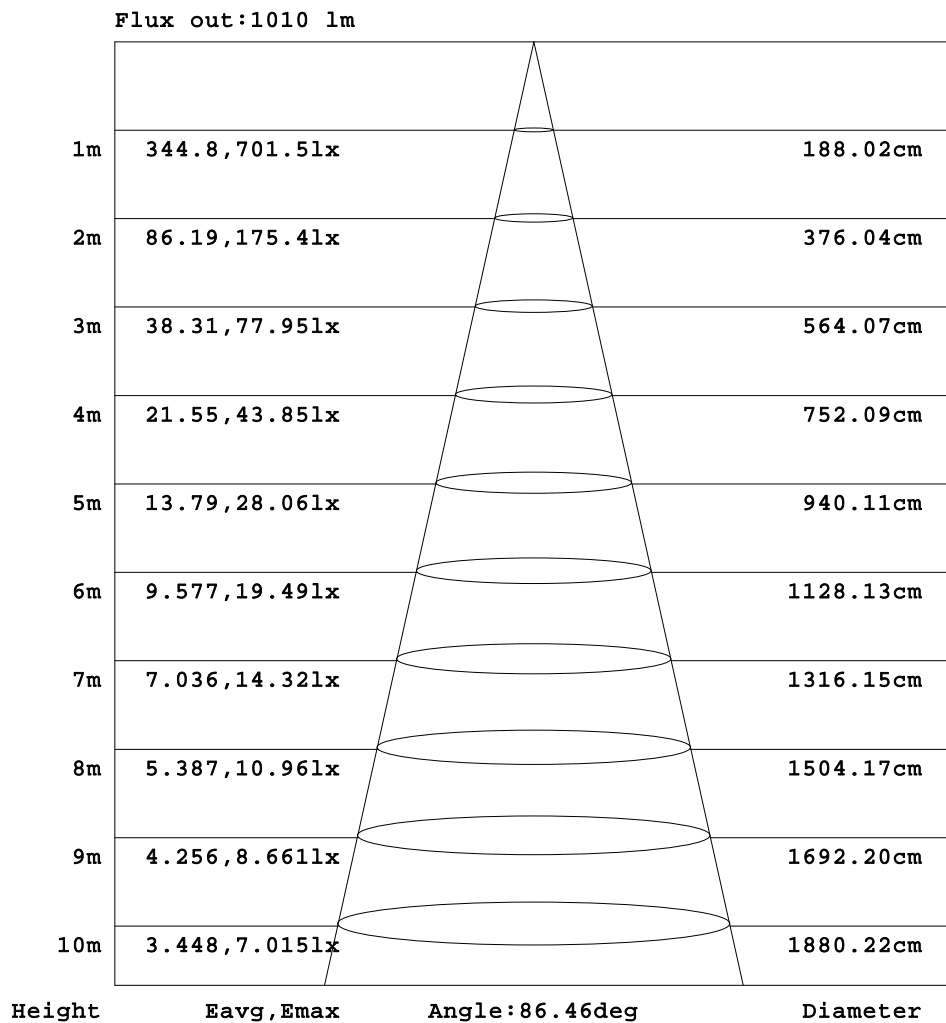


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 1  
Test Date: 2025-10-25

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 6.790m [K=1.0000]  
Remarks:

## AAI Figure

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:1159.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 荣星透镜3CCT-3000K-10AH-高亮	DIM.: 0.250*0.215	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.200*0.145	Shielding Angle:



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

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 1  
Test Date: 2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 6.790m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:1159.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 荣星透镜3CCT-3000K-10AH-高亮	DIM.: 0.250*0.215	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.200*0.145	Shielding Angle:

Table--1																	UNIT: cd		
H(DEC) V(DEC)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.12	0.16	0.21	0.25	0.30	0.34	0.39	0.43	0.48	0.52	0.52	0.51	0.51	0.50	0.50	0.49	0.49	0.48	0.48
-85	0.12	0.16	0.21	0.25	0.28	0.32	0.36	0.41	0.51	0.65	0.72	0.78	0.85	0.89	0.89	0.87	0.83	0.77	0.69
-80	0.12	0.16	0.20	0.24	0.35	0.59	1.02	1.56	2.07	2.57	3.04	3.48	3.87	4.25	4.52	4.79	5.05	5.29	5.51
-75	0.12	0.16	0.20	0.34	0.82	1.58	2.28	2.95	3.43	4.05	4.97	5.79	6.38	6.94	7.47	8.06	8.60	9.05	9.41
-70	0.12	0.16	0.24	0.70	1.63	2.45	3.01	4.02	5.17	6.20	7.15	8.20	9.23	10.2	11.2	12.2	13.0	13.8	14.3
-65	0.12	0.16	0.34	1.29	2.23	2.93	4.23	5.43	6.64	8.11	9.72	11.3	12.7	14.0	15.3	16.5	17.9	18.9	19.8
-60	0.12	0.16	0.52	1.74	2.54	3.86	5.19	6.64	8.50	10.5	12.4	14.2	16.5	19.0	21.5	24.0	26.4	28.3	29.7
-55	0.12	0.16	0.88	2.06	3.10	4.58	6.12	8.17	10.3	12.6	15.4	18.6	22.4	27.1	30.9	33.2	36.1	39.1	41.2
-50	0.12	0.17	1.18	2.24	3.65	5.19	7.24	9.56	12.2	15.5	19.6	25.2	29.2	36.9	56.2	88.8	139	188	213
-45	0.12	0.18	1.42	2.48	4.10	5.90	8.26	11.0	14.6	19.1	25.1	32.1	57.0	144	294	442	525	565	586
-40	0.12	0.19	1.58	2.77	4.44	6.56	9.14	12.6	17.3	23.4	32.3	74.8	235	449	551	571	567	557	547
-35	0.12	0.21	1.70	3.02	4.76	7.13	10.1	14.5	20.2	28.1	66.8	248	495	572	578	565	549	535	520
-30	0.12	0.25	1.78	3.22	5.08	7.58	11.1	16.0	22.7	42.4	178	441	564	592	581	572	567	562	553
-25	0.12	0.28	1.85	3.36	5.36	7.97	12.1	17.4	26.1	83.9	319	513	584	597	598	601	608	614	615
-20	0.12	0.30	1.86	3.45	5.49	8.31	13.0	18.7	31.8	142	404	548	596	612	620	630	645	660	669
-15	0.12	0.32	1.87	3.48	5.55	8.56	13.4	19.7	39.9	203	445	572	613	631	641	650	667	684	696
-10	0.12	0.32	1.86	3.47	5.53	8.65	13.4	20.3	47.6	234	470	589	630	648	658	667	674	688	698
-5	0.12	0.32	1.84	3.42	5.43	8.58	13.2	20.4	49.8	241	481	600	644	662	671	680	686	684	690
0	0.12	0.31	1.81	3.33	5.25	8.35	12.8	19.9	44.3	224	476	606	655	673	680	688	694	699	702
5	0.12	0.31	1.79	3.31	5.28	8.32	12.8	19.5	41.4	199	440	580	638	663	675	683	687	686	684
10	0.12	0.30	1.76	3.26	5.23	8.14	12.5	18.7	35.6	157	382	540	613	648	665	675	680	682	682
15	0.12	0.28	1.71	3.15	5.12	7.83	12.1	17.3	29.0	110	301	476	572	621	647	661	671	674	675
20	0.12	0.26	1.65	3.00	4.94	7.40	11.3	15.7	23.8	63.2	205	380	504	574	613	638	651	658	658
25	0.12	0.24	1.58	2.81	4.69	6.90	10.2	14.3	20.5	36.8	113	255	393	491	554	593	613	623	623
30	0.12	0.20	1.48	2.57	4.30	6.39	9.17	13.0	17.5	25.1	52.3	131	244	357	452	509	541	555	556
35	0.12	0.17	1.37	2.29	3.88	5.86	8.16	11.3	14.9	19.9	28.7	52.5	105	196	292	365	413	434	436
40	0.12	0.15	1.24	2.03	3.41	5.27	7.19	9.57	12.8	16.1	20.7	27.5	40.9	72.6	125	180	224	250	254
45	0.12	0.14	1.09	1.78	2.85	4.51	6.31	8.20	10.3	13.5	16.2	19.6	23.7	30.7	41.3	57.4	73.2	85.6	88.5
50	0.12	0.13	0.86	1.54	2.34	3.70	5.39	6.98	8.64	10.4	13.0	15.3	17.0	19.5	21.5	24.2	27.2	29.7	30.6
55	0.12	0.13	0.59	1.32	1.87	2.78	4.21	5.81	7.19	8.52	9.80	11.3	13.3	14.5	15.5	16.2	16.9	17.3	17.3
60	0.12	0.13	0.28	1.08	1.49	2.02	2.99	4.28	5.72	6.94	7.93	8.74	9.73	10.6	11.5	12.3	12.8	13.1	13.1
65	0.12	0.12	0.18	0.73	1.17	1.50	1.92	2.64	3.81	4.91	5.94	6.40	6.75	7.30	7.92	8.42	9.02	9.46	9.67
70	0.12	0.12	0.14	0.30	0.80	1.08	1.30	1.56	1.94	2.47	3.37	3.89	4.26	4.57	4.67	4.63	4.49	4.26	3.97
75	0.12	0.12	0.13	0.15	0.27	0.59	0.81	0.93	1.06	1.20	1.37	1.59	1.86	2.09	2.26	2.38	2.41	2.35	2.24
80	0.12	0.12	0.12	0.13	0.14	0.16	0.21	0.33	0.41	0.47	0.56	0.64	0.72	0.81	0.88	0.94	0.97	0.98	0.98
85	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16
90	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.15	0.15

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:1  
Test Date:2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:6.790m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:1159.1x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 荣星透镜3CCT-3000K-10AH-高亮	DIM.: 0.250*0.215	SERIAL No.:
MFR.: EVERFINE	SUR.: 0.200*0.145	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	0.48	0.49	0.49	0.49	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.50	0.50	0.50	0.50	0.49	0.49	
-85	0.79	0.88	0.94	0.98	0.99	0.97	0.92	0.85	0.75	0.58	0.48	0.48	0.47	0.47	0.47	0.48	0.49	0.49	
-80	5.36	5.17	4.95	4.70	4.42	4.10	3.80	3.41	2.91	2.47	1.94	1.31	0.85	0.57	0.47	0.47	0.48	0.49	
-75	9.10	8.70	8.22	7.69	7.21	6.70	6.20	5.57	4.73	3.88	3.29	2.61	1.94	1.17	0.62	0.47	0.47	0.49	
-70	13.8	13.1	12.3	11.4	10.4	9.39	8.45	7.54	6.70	5.69	4.68	3.53	2.78	1.93	1.06	0.52	0.47	0.49	
-65	19.0	17.9	16.7	15.5	14.2	12.8	11.5	10.1	8.40	7.08	5.99	4.80	3.51	2.55	1.62	0.66	0.46	0.49	
-60	28.3	26.3	24.0	21.7	19.1	16.7	14.5	12.6	10.8	9.02	7.09	5.77	4.45	3.04	2.02	0.91	0.46	0.49	
-55	38.9	35.7	32.4	30.1	26.7	22.3	18.8	15.6	13.1	10.8	8.77	6.65	5.22	3.71	2.36	1.23	0.46	0.49	
-50	192	146	96.4	61.3	37.1	27.7	24.3	19.6	15.9	12.8	10.1	7.91	5.81	4.28	2.67	1.48	0.48	0.49	
-45	572	543	470	326	167	69.1	31.8	23.9	19.2	15.1	11.7	8.92	6.54	4.77	3.04	1.66	0.50	0.49	
-40	561	577	587	576	495	283	94.4	33.4	22.7	17.6	13.3	9.95	7.33	5.11	3.37	1.84	0.51	0.49	
-35	536	553	572	593	600	541	302	84.1	28.2	20.4	15.0	11.0	7.93	5.47	3.65	1.98	0.55	0.49	
-30	564	570	576	587	605	598	489	221	52.3	22.4	16.7	12.0	8.48	5.84	3.91	2.07	0.61	0.49	
-25	617	612	606	604	606	605	558	371	108	26.9	18.2	12.9	8.97	6.18	4.08	2.15	0.66	0.49	
-20	664	651	638	628	622	613	587	456	179	36.7	19.4	13.6	9.37	6.36	4.19	2.25	0.70	0.49	
-15	689	676	660	651	642	630	603	504	244	49.0	20.2	14.2	9.66	6.47	4.22	2.31	0.73	0.49	
-10	694	686	678	669	660	647	617	532	282	60.6	20.9	14.4	9.81	6.49	4.22	2.35	0.75	0.49	
-5	693	694	689	681	674	663	630	544	294	67.0	21.0	14.4	9.80	6.43	4.18	2.35	0.75	0.49	
0	701	698	694	690	685	675	639	544	279	61.9	20.6	14.1	9.62	6.28	4.10	2.33	0.75	0.49	
5	682	688	687	682	675	659	612	504	248	55.9	20.3	13.9	9.55	6.26	4.06	2.29	0.74	0.49	
10	681	679	679	673	661	635	573	445	195	44.2	19.5	13.5	9.32	6.17	3.98	2.23	0.72	0.49	
15	675	672	666	657	637	595	514	359	133	33.4	18.3	12.9	8.94	6.00	3.86	2.13	0.69	0.49	
20	659	655	645	626	594	531	427	250	79.3	25.5	16.8	12.1	8.44	5.76	3.69	2.02	0.65	0.49	
25	625	619	603	571	513	428	299	138	45.3	21.0	15.2	11.2	7.88	5.47	3.47	1.87	0.61	0.49	
30	559	549	521	470	386	280	158	62.7	26.9	18.0	13.6	10.2	7.26	5.02	3.21	1.74	0.55	0.49	
35	439	422	382	316	222	123	60.4	30.7	20.2	15.5	12.1	9.06	6.59	4.54	2.85	1.61	0.49	0.49	
40	256	236	195	140	82.0	44.8	28.3	20.8	16.4	13.2	10.5	7.95	5.90	4.00	2.52	1.45	0.46	0.49	
45	88.2	77.2	60.0	43.9	31.5	23.8	19.5	16.1	13.5	11.3	8.92	6.91	5.09	3.41	2.22	1.28	0.45	0.49	
50	29.9	27.3	24.3	21.6	19.4	16.9	15.0	13.0	11.3	9.29	7.50	5.88	4.23	2.85	1.89	1.09	0.44	0.49	
55	17.3	16.9	16.1	15.3	14.5	13.2	12.1	10.5	8.99	7.55	6.18	4.65	3.25	2.29	1.56	0.88	0.43	0.49	
60	13.0	12.8	12.5	12.0	11.2	10.2	9.08	8.11	7.11	5.97	4.61	3.37	2.42	1.84	1.26	0.64	0.43	0.49	
65	9.53	9.13	8.56	8.06	7.41	6.82	6.45	6.00	5.04	4.09	2.93	2.25	1.84	1.38	0.94	0.47	0.43	0.49	
70	4.27	4.50	4.65	4.70	4.64	4.30	4.01	3.48	2.60	2.17	1.82	1.58	1.26	0.96	0.60	0.41	0.43	0.49	
75	2.36	2.43	2.42	2.31	2.16	1.97	1.70	1.50	1.36	1.25	1.09	0.93	0.75	0.53	0.38	0.40	0.44	0.49	
80	1.00	1.00	0.99	0.95	0.90	0.82	0.73	0.63	0.53	0.49	0.44	0.38	0.34	0.34	0.36	0.40	0.44	0.49	
85	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.19	0.23	0.26	0.29	0.33	0.36	0.40	0.45	0.49	
90	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.19	0.23	0.26	0.30	0.34	0.38	0.41	0.45	0.49	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:1  
Test Date:2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:6.790m [K=1.0000]  
Remarks:



## Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	689.2	689.2	689.2	689.2	689.2	689.2	689.2	689.2
3.0	689.0	690.9	691.8	690.4	688.3	687.9	688.6	688.7
6.0	688.2	692.7	696.5	691.3	686.4	686.7	688.8	688.8
9.0	686.6	693.0	701.6	690.2	683.3	685.2	687.7	689.0
12.0	684.5	690.3	704.6	686.1	679.6	682.4	684.9	687.8
15.0	682.1	683.6	701.5	678.6	675.6	678.5	679.6	685.5
18.0	679.3	673.2	688.9	668.5	671.3	672.0	670.9	681.1
21.0	676.5	660.2	665.5	656.3	667.1	661.5	658.0	672.9
24.0	674.0	645.5	631.7	642.9	662.7	645.6	637.4	660.3
27.0	670.7	630.7	593.9	629.5	656.2	621.6	604.6	640.0
30.0	663.5	617.0	557.1	616.6	643.5	584.7	559.8	607.2
33.0	647.2	606.7	530.6	606.1	619.9	529.1	495.4	553.5
36.0	615.3	604.5	524.2	601.5	579.9	445.5	408.1	474.7
39.0	560.8	610.8	540.2	600.2	505.2	329.3	295.4	365.6
42.0	451.3	605.2	574.5	579.0	376.9	201.1	179.5	234.6
45.0	274.1	535.7	590.2	493.3	219.7	98.76	89.18	117.3
48.0	113.6	315.4	434.6	260.1	86.48	44.35	43.64	49.88
51.0	41.42	101.4	138.0	81.20	33.79	27.59	25.23	28.26
54.0	22.19	36.04	48.40	35.19	20.90	20.71	18.64	20.78
57.0	17.41	24.82	36.97	26.82	15.90	16.42	15.12	16.31
60.0	13.87	20.63	29.95	21.11	12.60	13.71	13.16	13.51
63.0	11.06	16.77	23.54	16.70	10.03	10.37	11.24	11.44
66.0	8.678	13.77	18.27	13.58	7.457	8.706	8.140	9.167
69.0	6.727	11.41	15.27	11.35	5.608	7.225	4.502	7.384
72.0	5.325	9.167	12.18	8.944	4.405	5.439	3.276	5.630
75.0	4.025	7.286	9.477	6.923	3.272	3.317	2.259	3.460
78.0	2.950	5.780	7.366	5.305	2.325	1.496	1.453	1.643
81.0	1.910	3.894	5.086	3.642	1.623	0.8048	0.7926	0.9702
84.0	1.099	2.460	1.825	2.023	0.7962	0.2510	0.2001	0.3020
87.0	0.4523	0.4920	0.4358	0.4931	0.1271	0.1374	0.1524	0.1610
90.0	0.4813	0.5140	0.4815	0.5294	0.1154	0.1315	0.1485	0.1530

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 1  
Test Date: 2025-10-25

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 6.790m [K=1.0000]  
Remarks: