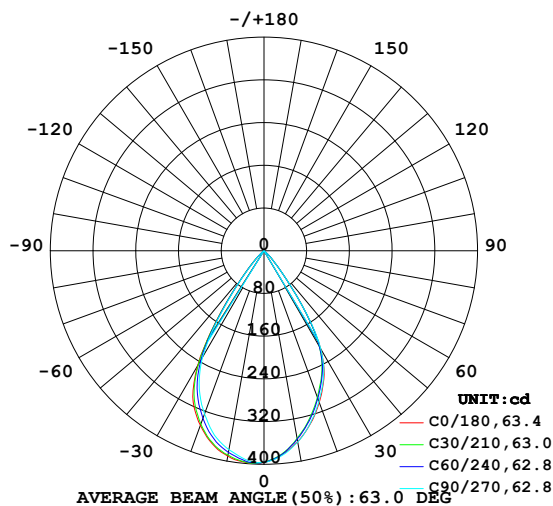


## LUMINAIRE PHOTOMETRIC TEST REPORT

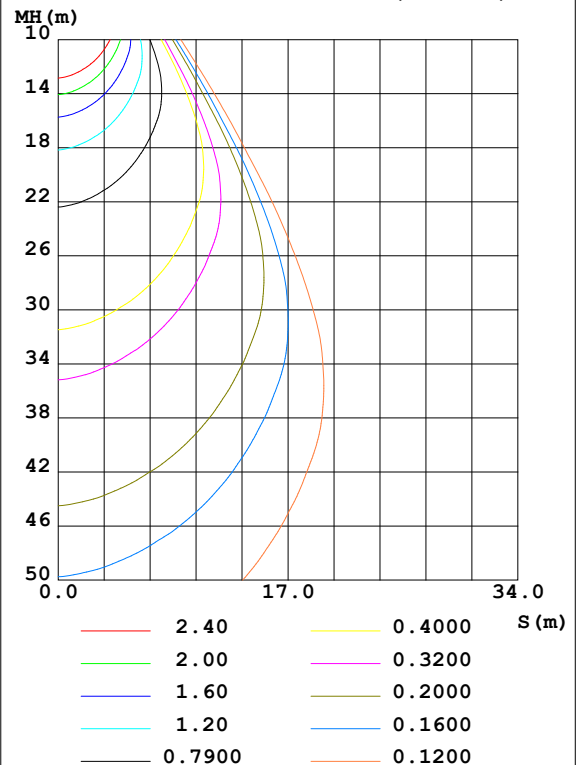
Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.65 lm/W			
MODEL	CN-S-7W-W	I <sub>max</sub> (cd)	398.6	S/MH (C0/180)	0.94
NOMINAL POWER (W)	7	LOR (%)	100.0	S/MH (C90/270)	0.93
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	359.49	$\eta$ UP,DN (C0-180)	0.0,48.5
NOMINAL FLUX (lm)	359.49	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,51.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	363.2	357.8	363.7	376.7	390.6	385.9	378.2	371.4	0- 10	36.68	36.68	10.2,10.2
20	302.5	293.1	300.8	316.1	348.2	340.6	325.7	314.7	10- 20	97.84	134.5	37.4,37.4
30	212.2	206.3	212.8	228.3	248.1	239.4	230.1	220.8	20- 30	127.1	261.7	72.8,72.8
40	46.46	47.21	46.37	51.99	58.30	54.01	52.43	49.14	30- 40	81.09	342.8	95.3,95.3
50	4.602	4.940	3.801	4.254	4.657	4.548	5.165	5.179	40- 50	16.09	358.8	99.8,99.8
60	0	0	0	0	0	0	0	0	50- 60	0.6485	359.5	100,100
70	0	0	0	0	0	0	0	0	60- 70	0	359.5	100,100
80	0	0	0	0	0	0	0	0	70- 80	0	359.5	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	359.5	100,100
100	0	0	0	0	0	0	0	0	90-100	0	359.5	100,100
110	0	0	0	0	0	0	0	0	100-110	0	359.5	100,100
120	0	0	0	0	0	0	0	0	110-120	0	359.5	100,100
130	0	0	0	0	0	0	0	0	120-130	0	359.5	100,100
140	0	0	0	0	0	0	0	0	130-140	0	359.5	100,100
150	0	0	0	0	0	0	0	0	140-150	0	359.5	100,100
160	0	0	0	0	0	0	0	0	150-160	0	359.5	100,100
170	0	0	0	0	0	0	0	0	160-170	0	359.5	100,100
180	0	0	0	0	0	0	0	0	170-180	0	359.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 354.55 lm

%lum = 98.6%

%lamp = 98.6%

Conical surface Flux(120deg): 359.49 lm

%lum = 100.0%

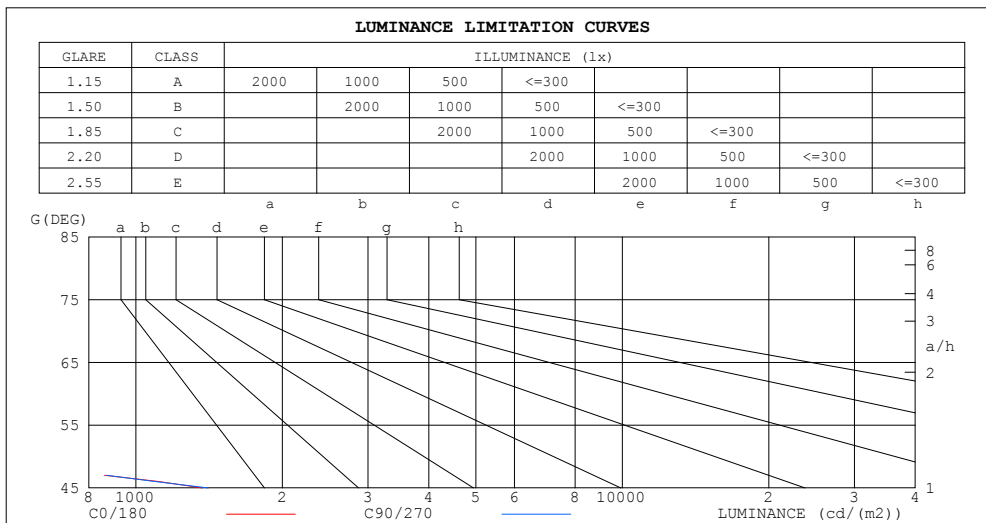
%lamp = 100.0%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.398m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	0	0
60	0	0
55	0	0
50	394	326
45	1371	1408

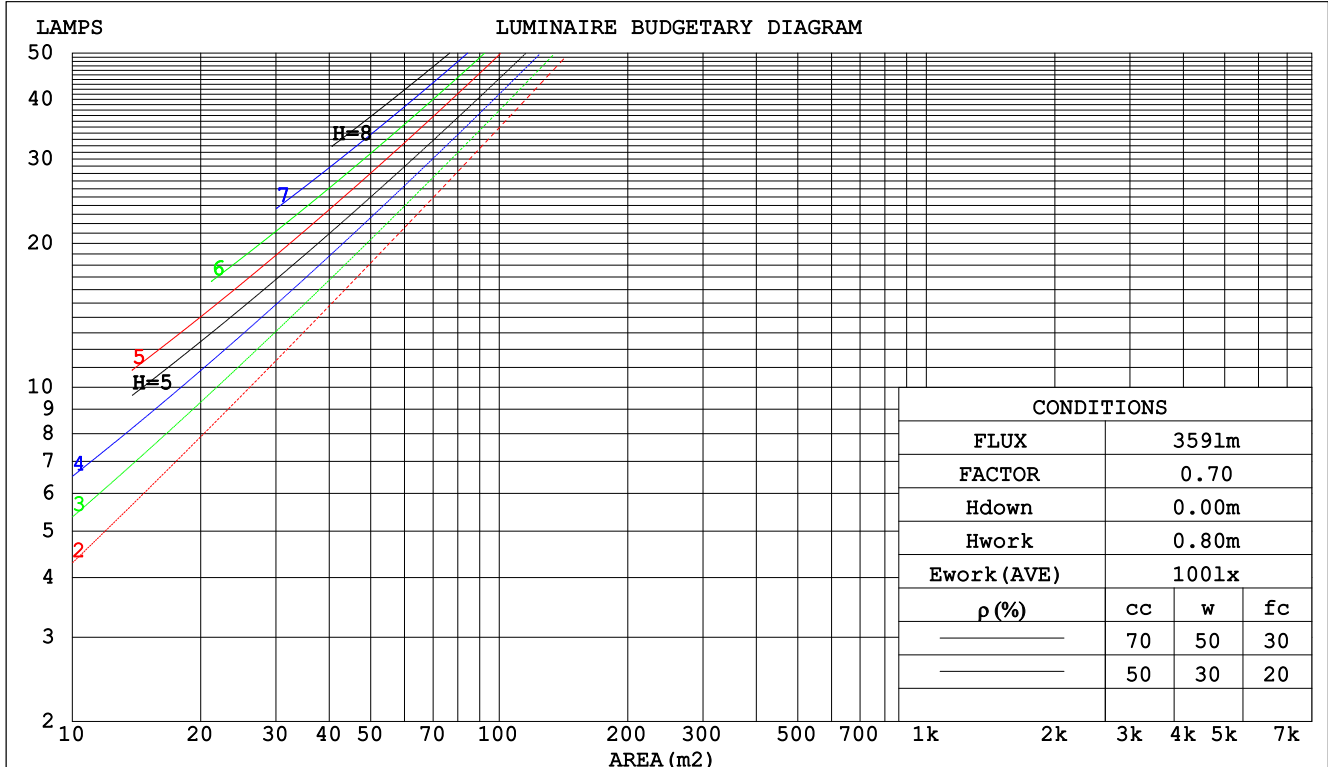
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.96	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.82
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.72	.71
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.66
7.0	.75	.69	.65	.74	.68	.64	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
8.0	.70	.64	.60	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.59	.58
9.0	.66	.61	.57	.66	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55
10.0	.63	.57	.53	.62	.57	.53	.62	.56	.53	.61	.56	.53	.60	.56	.53	.51



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:3000K		DIM.:		SERIAL No.:	
MFR.:		SUR.:Φ152mm		Shielding Angle:	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.175	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025	
2.0	.167	.092	.028	.162	.089	.027	.151	.084	.026	.141	.079	.025	.132	.075	.024	
3.0	.160	.085	.025	.155	.083	.025	.146	.079	.024	.138	.075	.023	.130	.072	.022	
4.0	.153	.079	.023	.149	.078	.023	.141	.075	.022	.134	.072	.022	.127	.069	.021	
5.0	.146	.074	.022	.142	.073	.021	.136	.071	.021	.129	.068	.020	.123	.066	.020	
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.019	.125	.065	.019	.120	.063	.019	
7.0	.134	.066	.019	.131	.065	.019	.126	.064	.018	.121	.062	.018	.116	.060	.018	
8.0	.128	.063	.018	.126	.062	.018	.121	.061	.017	.117	.059	.017	.112	.058	.017	
9.0	.123	.060	.017	.121	.059	.017	.117	.058	.016	.113	.057	.016	.109	.055	.016	
10.0	.118	.057	.016	.116	.056	.016	.113	.055	.016	.109	.054	.015	.106	.053	.015	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.068	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.015	.012	.008	.005	
8.0	.105	.064	.036	.091	.056	.031	.063	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.060	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.096	.055	.027	.083	.048	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:3000K					DIM.:			SERIAL No.:			
MFR.:					SUR.: $\phi$ 152mm			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	2H	10.6	11.6	10.9	11.8	11.9	10.7	11.6	10.9	11.8	12.0
	3H	10.5	11.3	10.7	11.5	11.7	10.5	11.4	10.8	11.6	11.8
	4H	10.4	11.2	10.7	11.4	11.6	10.4	11.2	10.7	11.5	11.7
	6H	10.3	11.1	10.6	11.3	11.5	10.3	11.1	10.6	11.3	11.6
	8H	10.2	11.0	10.6	11.2	11.5	10.3	11.0	10.6	11.3	11.5
	12H	10.2	10.9	10.5	11.2	11.4	10.2	11.0	10.6	11.2	11.5
4H	2H	10.4	11.2	10.7	11.4	11.6	10.4	11.2	10.7	11.5	11.7
	3H	10.2	10.9	10.5	11.2	11.4	10.2	11.0	10.6	11.2	11.5
	4H	10.1	10.7	10.5	11.0	11.3	10.2	10.8	10.5	11.1	11.4
	6H	10.0	10.6	10.4	10.9	11.2	10.1	10.6	10.4	10.9	11.3
	8H	10.0	10.5	10.4	10.8	11.2	10.0	10.5	10.4	10.9	11.2
	12H	9.9	10.4	10.3	10.8	11.1	10.0	10.4	10.4	10.8	11.2
8H	4H	10.0	10.5	10.4	10.8	11.2	10.0	10.5	10.4	10.9	11.2
	6H	9.9	10.3	10.3	10.7	11.1	9.9	10.3	10.3	10.7	11.1
	8H	9.8	10.2	10.3	10.6	11.0	9.9	10.2	10.3	10.6	11.1
	12H	9.8	10.1	10.2	10.5	11.0	9.8	10.1	10.3	10.6	11.0
12H	4H	9.9	10.4	10.3	10.8	11.1	10.0	10.4	10.4	10.8	11.2
	6H	9.8	10.2	10.3	10.6	11.0	9.9	10.2	10.3	10.6	11.1
	8H	9.8	10.1	10.2	10.5	11.0	9.8	10.1	10.3	10.6	11.0
Variations with the observer position at spacings:											
S = 1.0H	+ 3.8 / - 1.\$					+ 3.9 / - 1.\$					
1.5H	+ 6.3 / - 1.\$					+ 6.3 / - 1.\$					
2.0H	+ 7.7 / - 1.\$					+ 7.9 / - 1.\$					

CIE Pub.117, 359.5 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.6)  
Area: 0.01815 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:

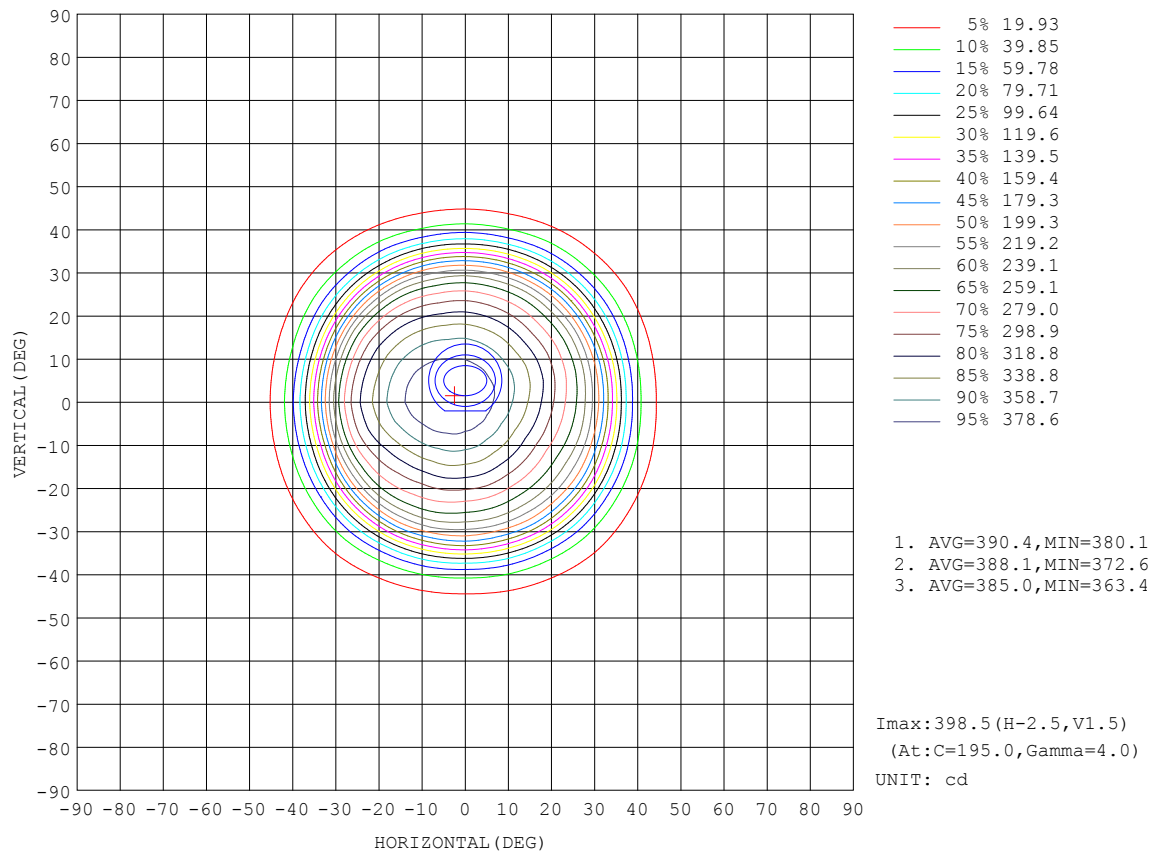
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:



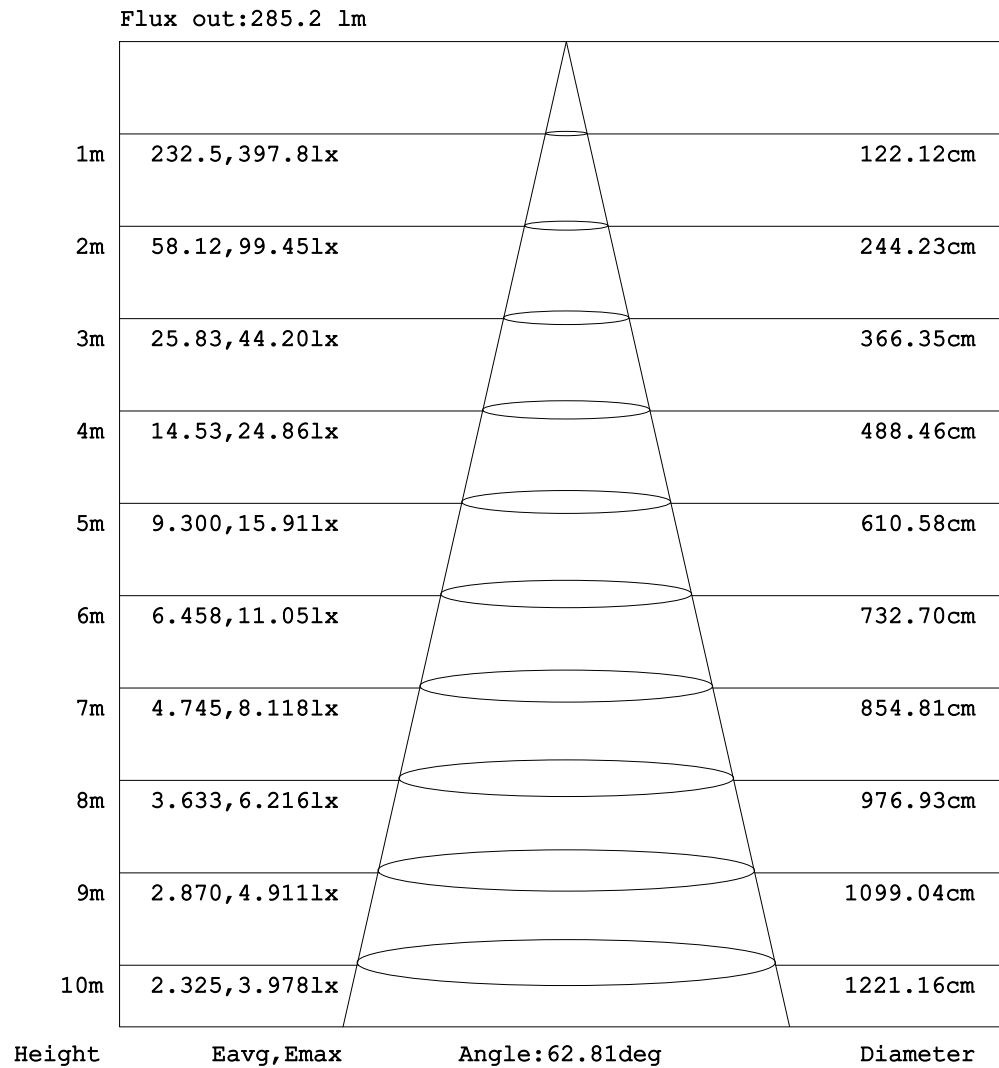
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:



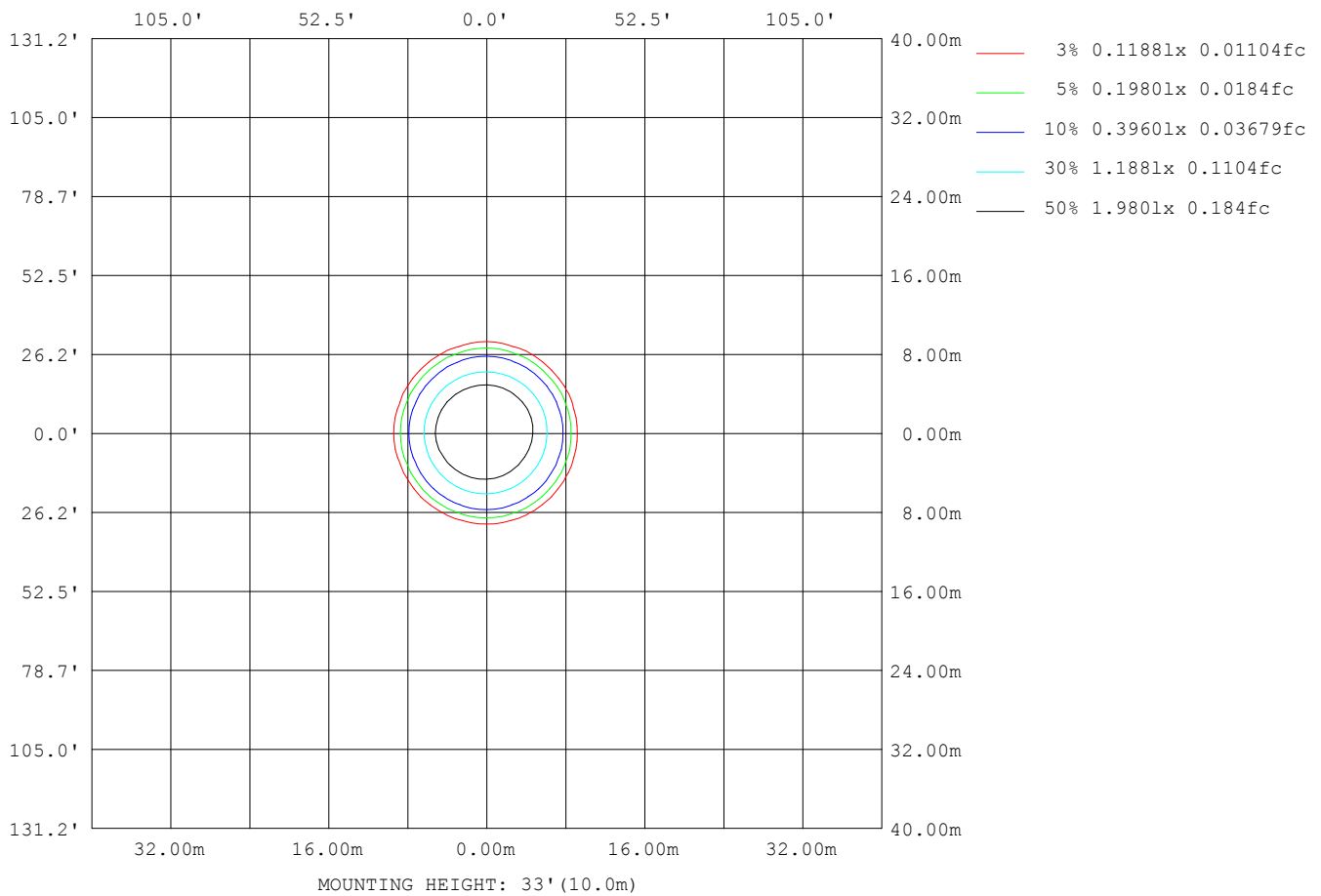
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-08-05

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.398m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-08-05

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.398m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:

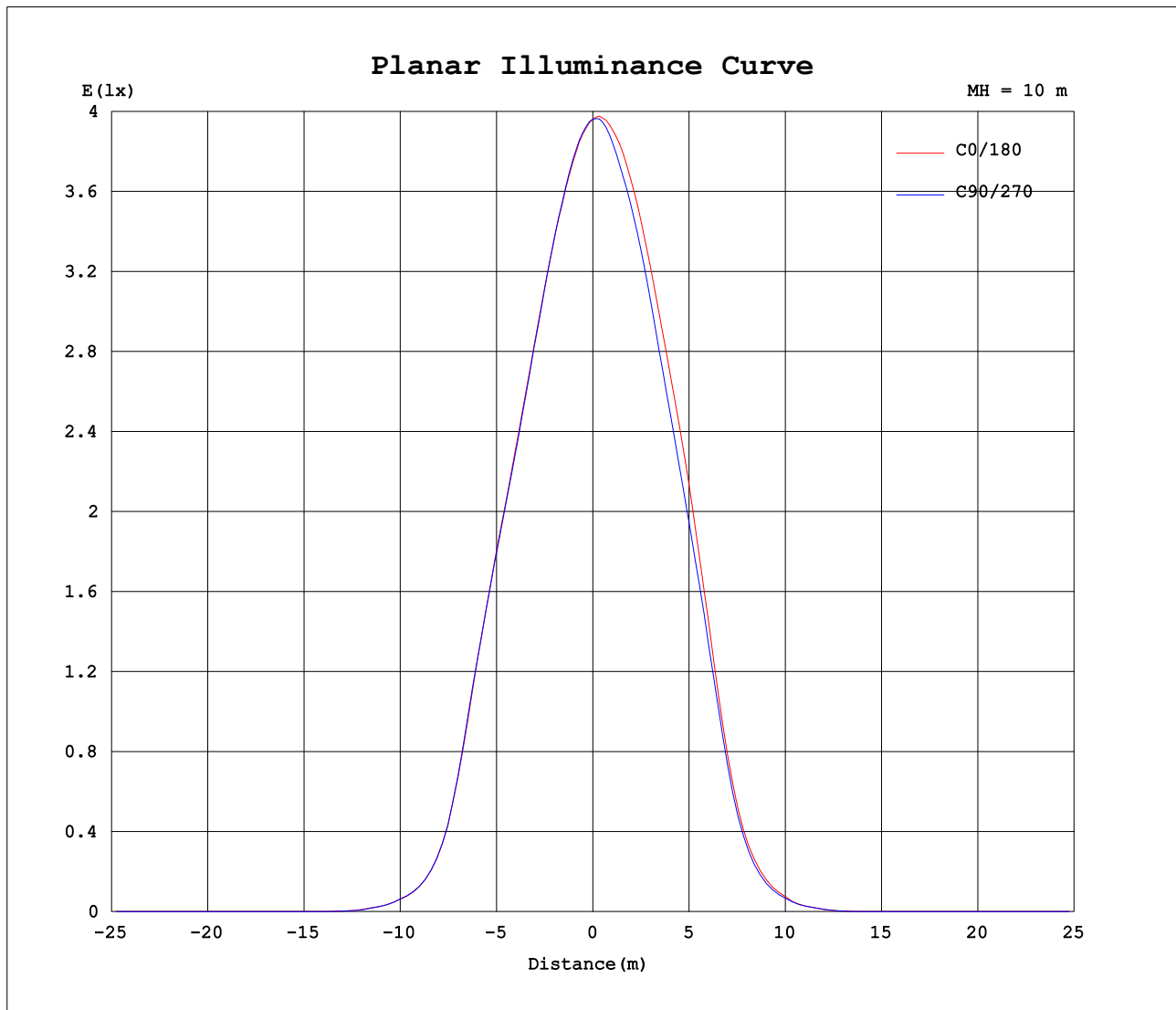
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Qin Meng  
Test Date: 2025-08-05

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 7.398m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:3000K									DIM.:					SERIAL No.:				
MFR.:									SUR.: $\phi$ 152mm					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396	396
5	384	383	382	383	383	384	385	388	389	392	394	397	398	398	397	396	395	394	393
10	363	360	357	358	358	362	364	368	371	377	382	387	391	390	388	386	383	380	378
15	336	331	327	328	329	333	335	340	343	350	358	368	374	374	372	369	364	359	358
20	302	296	292	293	295	299	301	305	309	316	327	340	348	347	346	341	334	328	326
25	265	261	256	256	257	261	264	270	274	282	291	305	313	311	309	302	295	288	287
30	212	209	208	206	208	209	213	219	222	228	231	240	248	246	246	239	236	230	230
35	122	122	122	121	122	122	123	126	129	131	133	135	142	141	140	138	137	135	133
40	46.5	47.6	46.2	47.2	46.4	47.3	46.4	48.6	49.2	52.0	52.3	54.7	58.3	55.7	56.3	54.0	54.5	51.9	52.4
45	17.6	18.3	18.4	19.0	18.7	18.7	18.1	18.5	18.6	19.6	19.5	20.2	21.4	20.8	21.0	20.2	19.8	19.1	19.1
50	4.60	4.96	4.71	4.94	4.35	4.28	3.80	4.07	3.95	4.25	3.97	4.10	4.66	4.32	4.70	4.55	4.78	4.69	5.17
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
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
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-08-05

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.398m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.0590A P:6.9600W PF:0.9770 Freq:60.00Hz Lamp Flux:359.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	396	396	396	396	396														
5	391	390	388	387	386														
10	376	374	371	370	366														
15	354	351	348	346	342														
20	322	319	315	314	310														
25	283	280	276	276	272														
30	225	225	221	221	217														
35	131	130	128	126	126														
40	50.4	51.0	49.1	49.8	48.3														
45	18.4	18.5	18.0	18.3	18.1														
50	5.11	5.43	5.18	5.47	5.21														
55	0.00	0.00	0.00	0.00	0.00														
60	0.00	0.00	0.00	0.00	0.00														
65	0.00	0.00	0.00	0.00	0.00														
70	0.00	0.00	0.00	0.00	0.00														
75	0.00	0.00	0.00	0.00	0.00														
80	0.00	0.00	0.00	0.00	0.00														
85	0.00	0.00	0.00	0.00	0.00														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-08-05

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.398m [K=1.0000]  
Remarks: