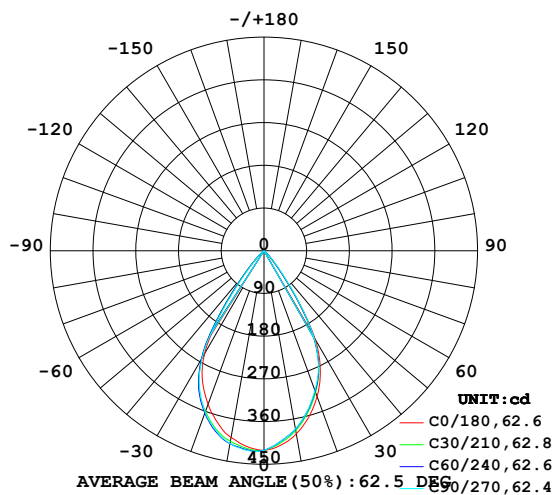


## LUMINAIRE PHOTOMETRIC TEST REPORT

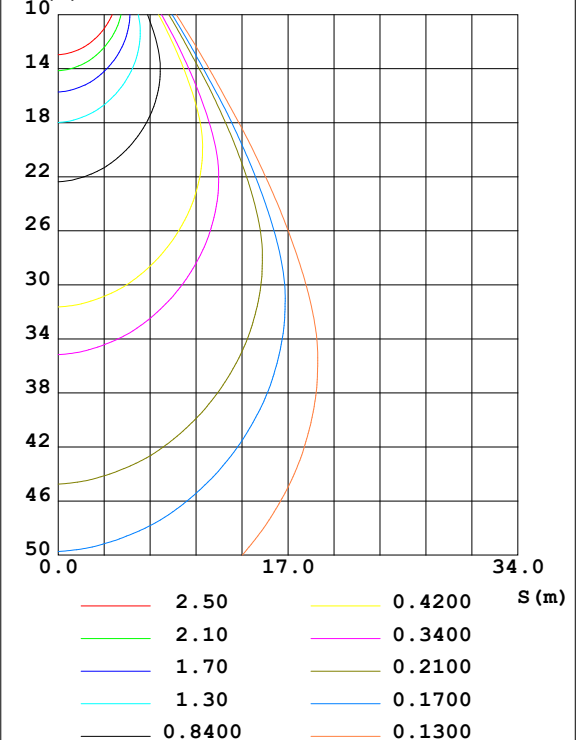
Test:U:120.00V I:0.0580A P:7.0100W PF:0.9780 Freq:60.00Hz Lamp Flux:388.827x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 55.47 lm/W
MODEL	CN-S-7W-B	I <sub>max</sub> (cd)	429.6	S/MH (C0/180)	0.94	
NOMINAL POWER (W)	7	LOR (%)	100.0	S/MH (C90/270)	0.95	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	388.83	$\eta$ UP,DN (C0-180)	0.0,47.0	
NOMINAL FLUX (lm)	388.827	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,53.0	
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:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [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	392.1	384.0	381.3	388.2	399.7	410.4	412.6	405.5	0- 10	38.88	38.88	10.3,10.3
20	326.9	316.8	313.6	323.1	344.6	363.3	362.5	347.8	10- 20	103.9	142.8	38,38
30	216.2	207.2	209.3	224.3	250.6	262.9	261.4	241.9	20- 30	134.0	276.7	73.7,73.7
40	38.91	40.52	45.18	53.61	66.24	63.43	57.29	45.94	30- 40	83.37	360.1	95.8,95.8
50	1.132	1.026	1.722	3.071	4.668	4.610	4.615	2.352	40- 50	15.39	375.5	99.9,99.9
60	0	0	0	0	0	0	0	0	50- 60	0.2183	375.7	100,100
70	0	0	0	0	0	0	0	0	60- 70	0	375.7	100,100
80	0	0	0	0	0	0	0	0	70- 80	0	375.7	100,100
90	0	0	0	0	0	0	0	0	80- 90	0	375.7	100,100
100	0	0	0	0	0	0	0	0	90-100	0	375.7	100,100
110	0	0	0	0	0	0	0	0	100-110	0	375.7	100,100
120	0	0	0	0	0	0	0	0	110-120	0	375.7	100,100
130	0	0	0	0	0	0	0	0	120-130	0	375.7	100,100
140	0	0	0	0	0	0	0	0	130-140	0	375.7	100,100
150	0	0	0	0	0	0	0	0	140-150	0	375.7	100,100
160	0	0	0	0	0	0	0	0	150-160	0	375.7	100,100
170	0	0	0	0	0	0	0	0	160-170	0	375.7	100,100
180	0	0	0	0	0	0	0	0	170-180	0	375.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 371.8 lm

%lum = 99.0%

%lamp = 99.0%

Conical surface Flux(120deg): 375.71 lm

%lum = 100.0%

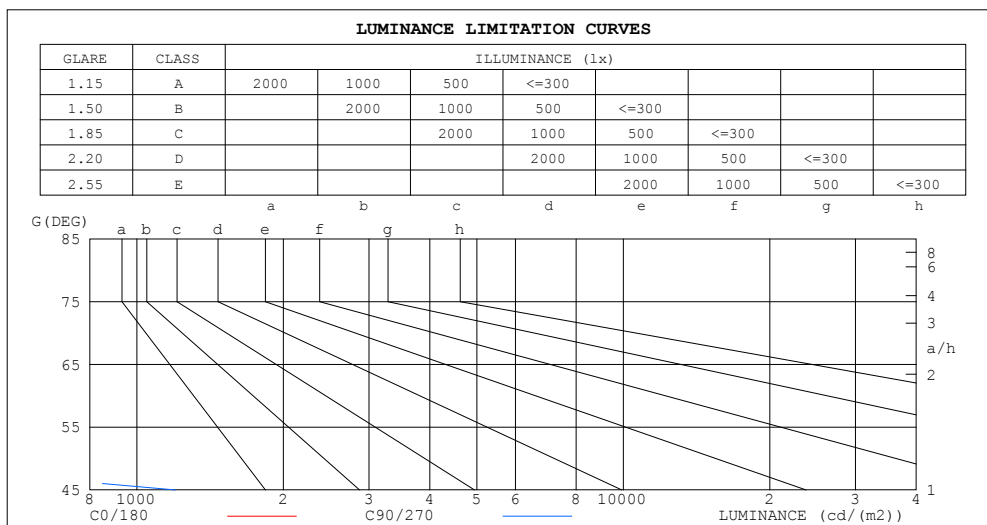
%lamp = 100.0%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.390m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	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	97	148
45	1056	1199

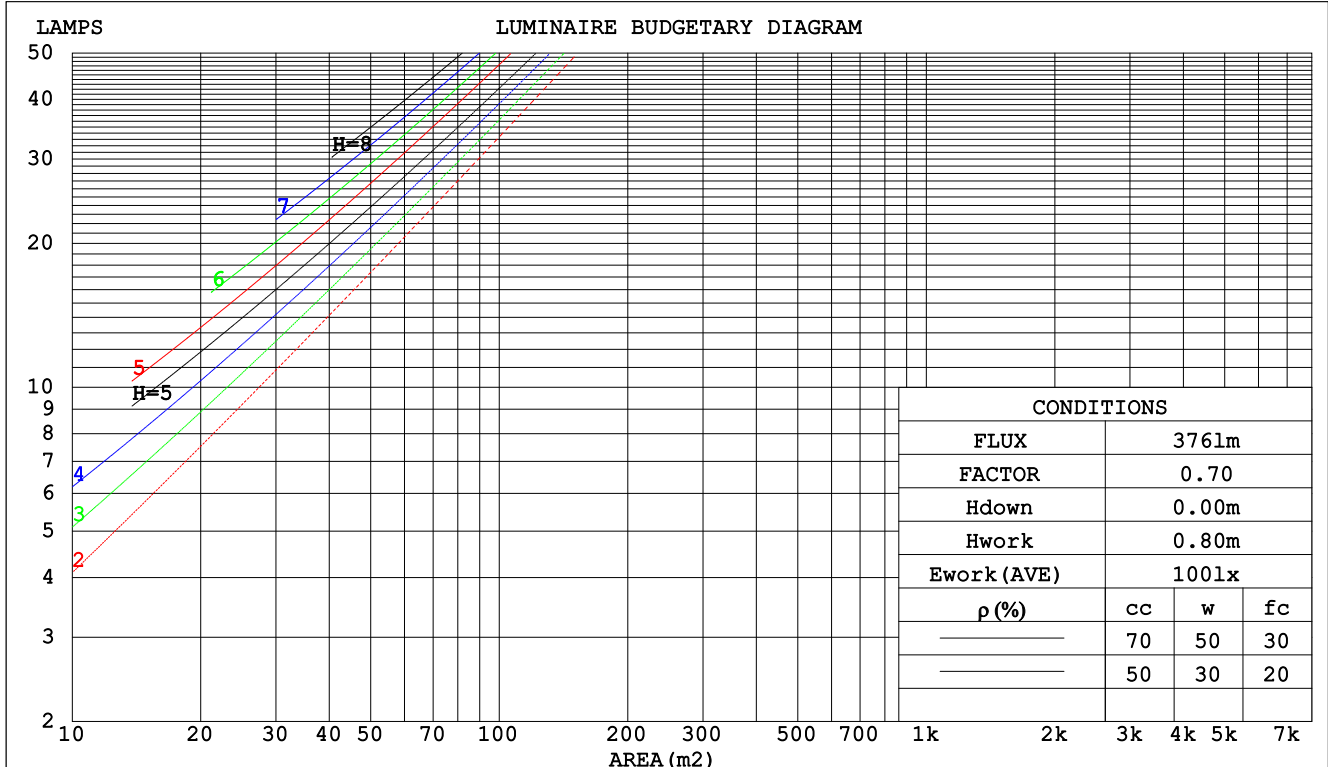
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	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	.00
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.85	.83	.82
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.76	.73	.79	.75	.73	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.73	.69	.76	.72	.68	.75	.71	.68	.67
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.62
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.59
9.0	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.59	.56	.55
10.0	.63	.57	.54	.63	.57	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.52



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:5000K		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	.174	.099	.031	.167	.095	.030	.154	.089	.028	.143	.082	.026	.132	.077	.025		
2.0	.166	.091	.028	.161	.089	.027	.150	.084	.026	.140	.079	.025	.131	.074	.023		
3.0	.159	.085	.025	.154	.083	.025	.145	.079	.024	.137	.075	.023	.129	.071	.022		
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.133	.071	.021	.126	.068	.021		
5.0	.145	.074	.021	.141	.073	.021	.135	.070	.021	.128	.068	.020	.122	.065	.020		
6.0	.139	.070	.020	.136	.069	.020	.130	.066	.019	.124	.064	.019	.119	.063	.019		
7.0	.133	.066	.019	.130	.065	.018	.125	.063	.018	.120	.061	.018	.115	.060	.018		
8.0	.128	.062	.018	.125	.062	.017	.120	.060	.017	.116	.059	.017	.112	.057	.017		
9.0	.122	.059	.017	.120	.059	.016	.116	.057	.016	.112	.056	.016	.108	.055	.016		
10.0	.118	.056	.016	.116	.056	.016	.112	.055	.015	.108	.054	.015	.105	.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	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.105	.064	.036	.090	.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	.082	.047	.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:2025-06-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:5000K					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	9.8	10.8	10.0	10.9	11.1	10.0	10.9	10.2	11.1	11.3
3H	9.6	10.5	9.9	10.7	10.9	9.8	10.7	10.1	10.9	11.1
4H	9.6	10.4	9.8	10.6	10.8	9.7	10.5	10.0	10.8	11.0
6H	9.5	10.2	9.8	10.5	10.7	9.6	10.4	9.9	10.6	10.9
8H	9.4	10.2	9.7	10.4	10.7	9.6	10.3	9.9	10.6	10.8
12H	9.4	10.1	9.7	10.3	10.6	9.5	10.2	9.9	10.5	10.8
4H 2H	9.6	10.4	9.8	10.6	10.8	9.7	10.5	10.0	10.8	11.0
3H	9.4	10.1	9.7	10.3	10.6	9.5	10.2	9.9	10.5	10.8
4H	9.3	9.9	9.6	10.2	10.5	9.5	10.1	9.8	10.4	10.7
6H	9.2	9.7	9.6	10.1	10.4	9.4	9.9	9.7	10.2	10.6
8H	9.1	9.7	9.5	10.0	10.4	9.3	9.8	9.7	10.2	10.5
12H	9.1	9.6	9.5	9.9	10.3	9.3	9.7	9.7	10.1	10.5
8H 4H	9.1	9.7	9.5	10.0	10.4	9.3	9.8	9.7	10.2	10.5
6H	9.0	9.5	9.5	9.8	10.3	9.2	9.6	9.6	10.0	10.4
8H	9.0	9.4	9.4	9.8	10.2	9.2	9.5	9.6	9.9	10.4
12H	8.9	9.2	9.4	9.7	10.2	9.1	9.4	9.6	9.9	10.3
12H 4H	9.1	9.6	9.5	9.9	10.3	9.3	9.7	9.7	10.1	10.5
6H	9.0	9.4	9.4	9.8	10.2	9.2	9.5	9.6	9.9	10.4
8H	8.9	9.2	9.4	9.7	10.2	9.1	9.4	9.6	9.9	10.3
Variations with the observer position at spacings:										
S = 1.0H	+ 4.1 / - 1.\$					+ 4.0 / - 1.\$				
1.5H	+ 6.7 / - 1.\$					+ 6.6 / - 1.\$				
2.0H	+ 8.7 / - 1.\$					+ 8.9 / - 1.\$				

CIE Pub.117, 375.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.4)  
Area: 0.01815 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\Phi$ 152mm	Shielding Angle:

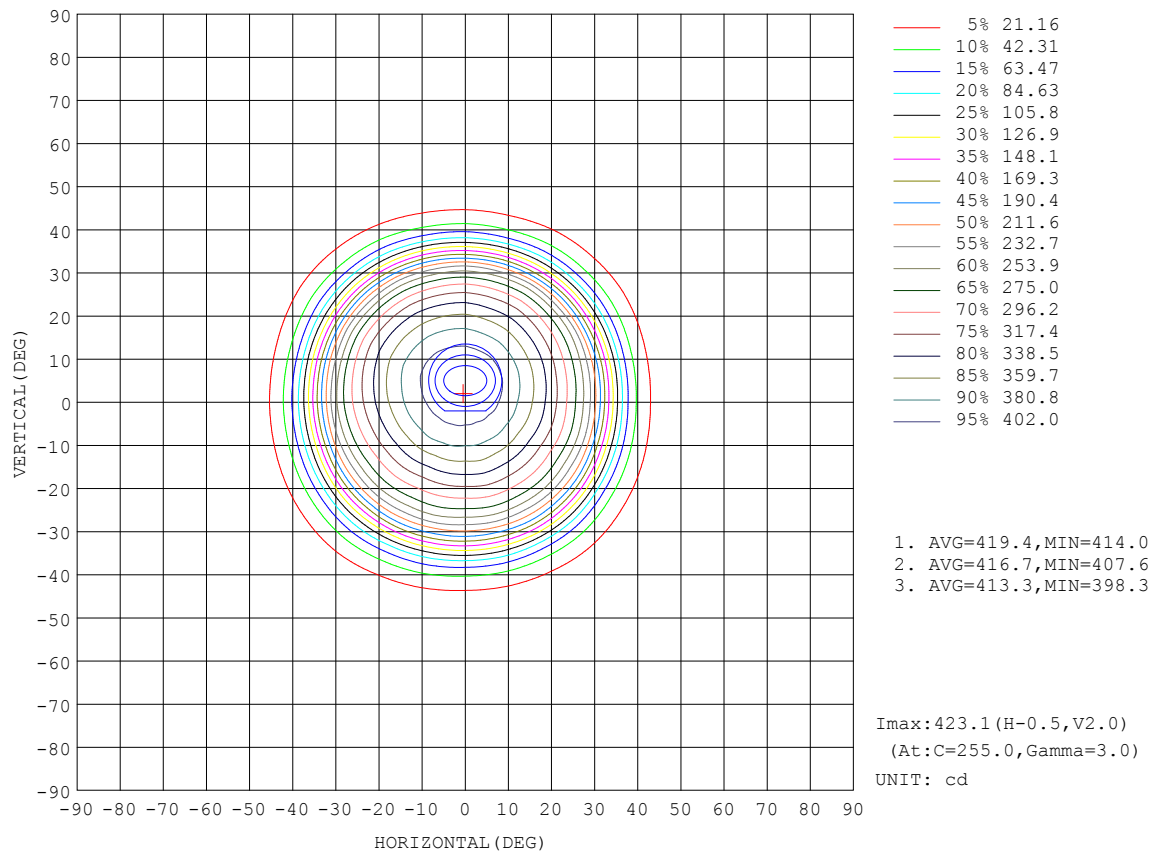
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	106	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	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:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: $\phi$ 152mm	Shielding Angle:



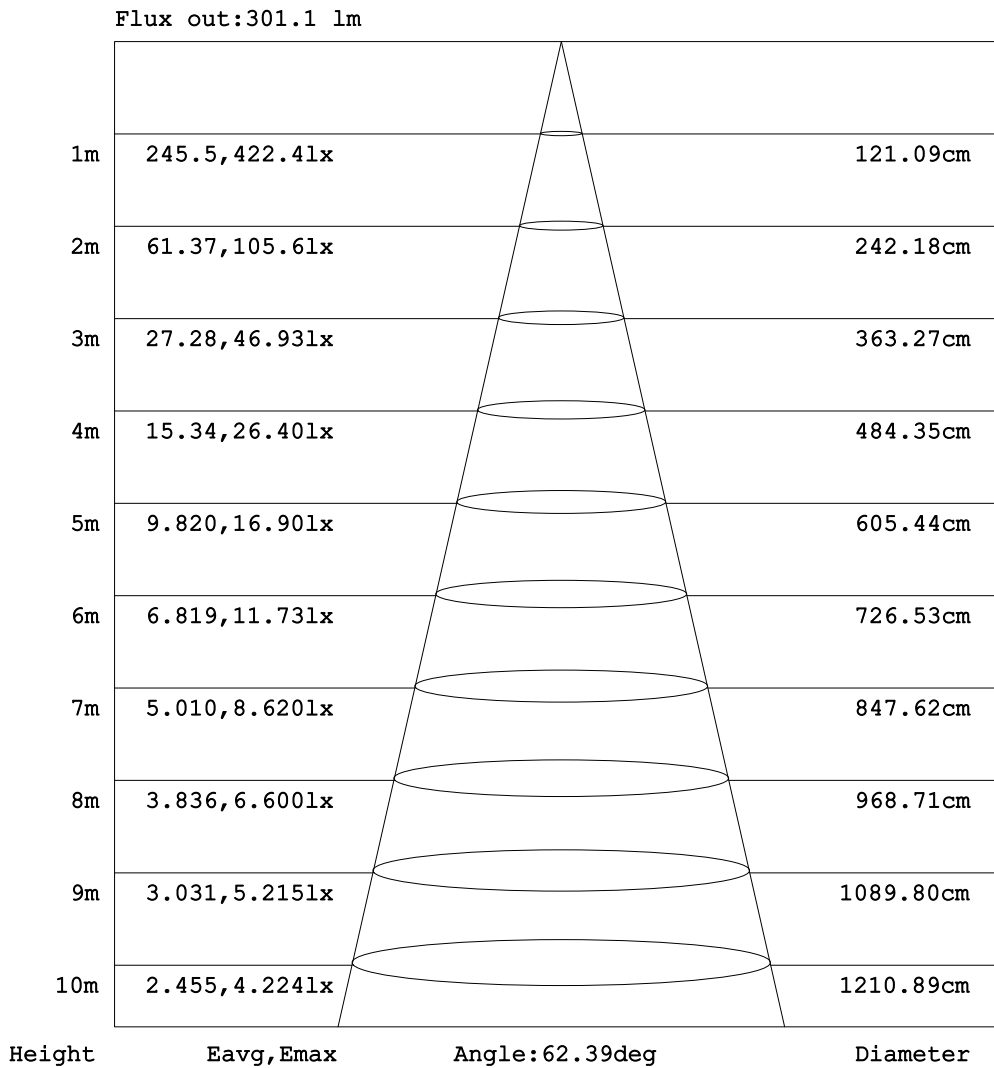
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Qin Meng  
Test Date:2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:



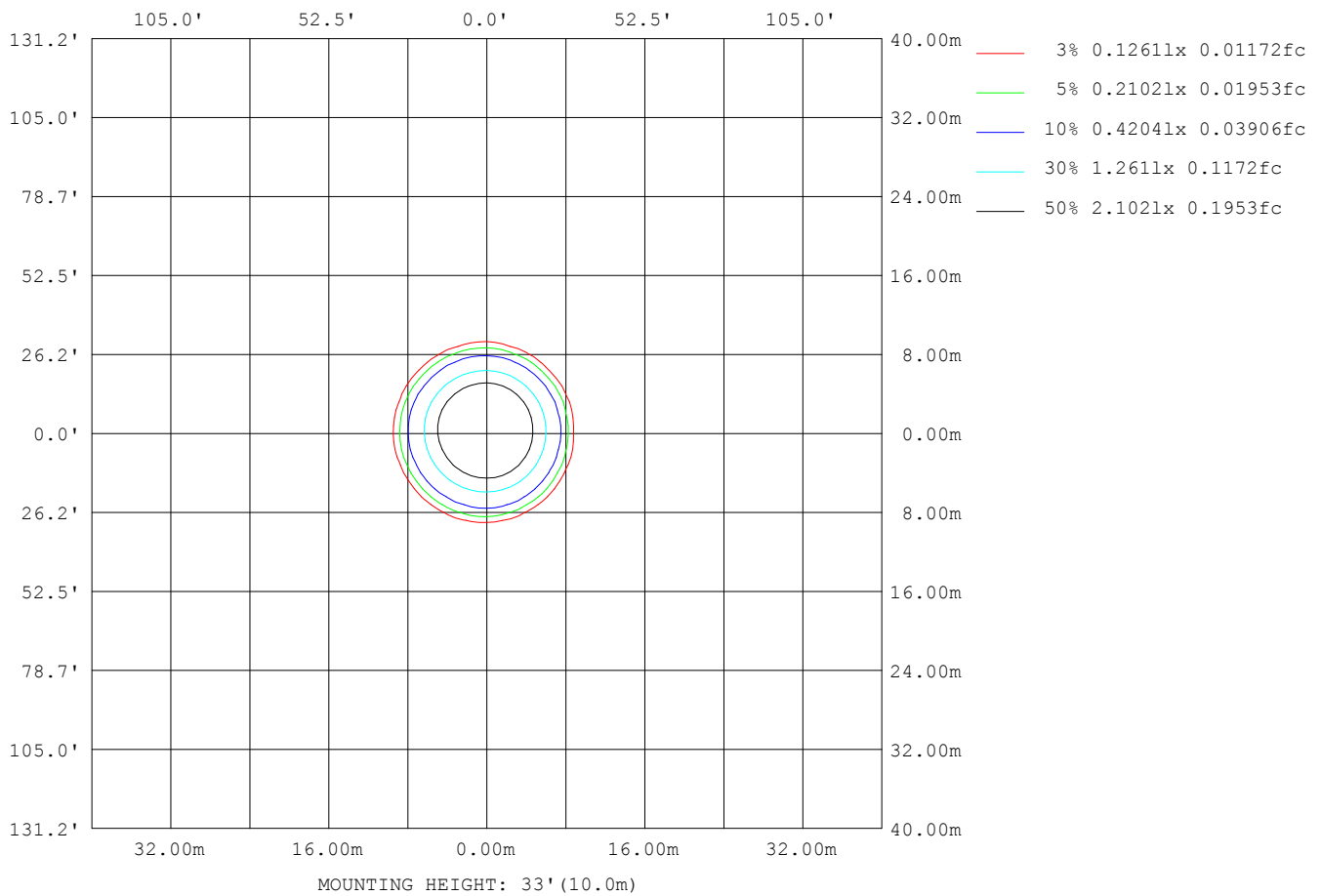
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-06-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.390m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	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:2025-06-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.390m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:

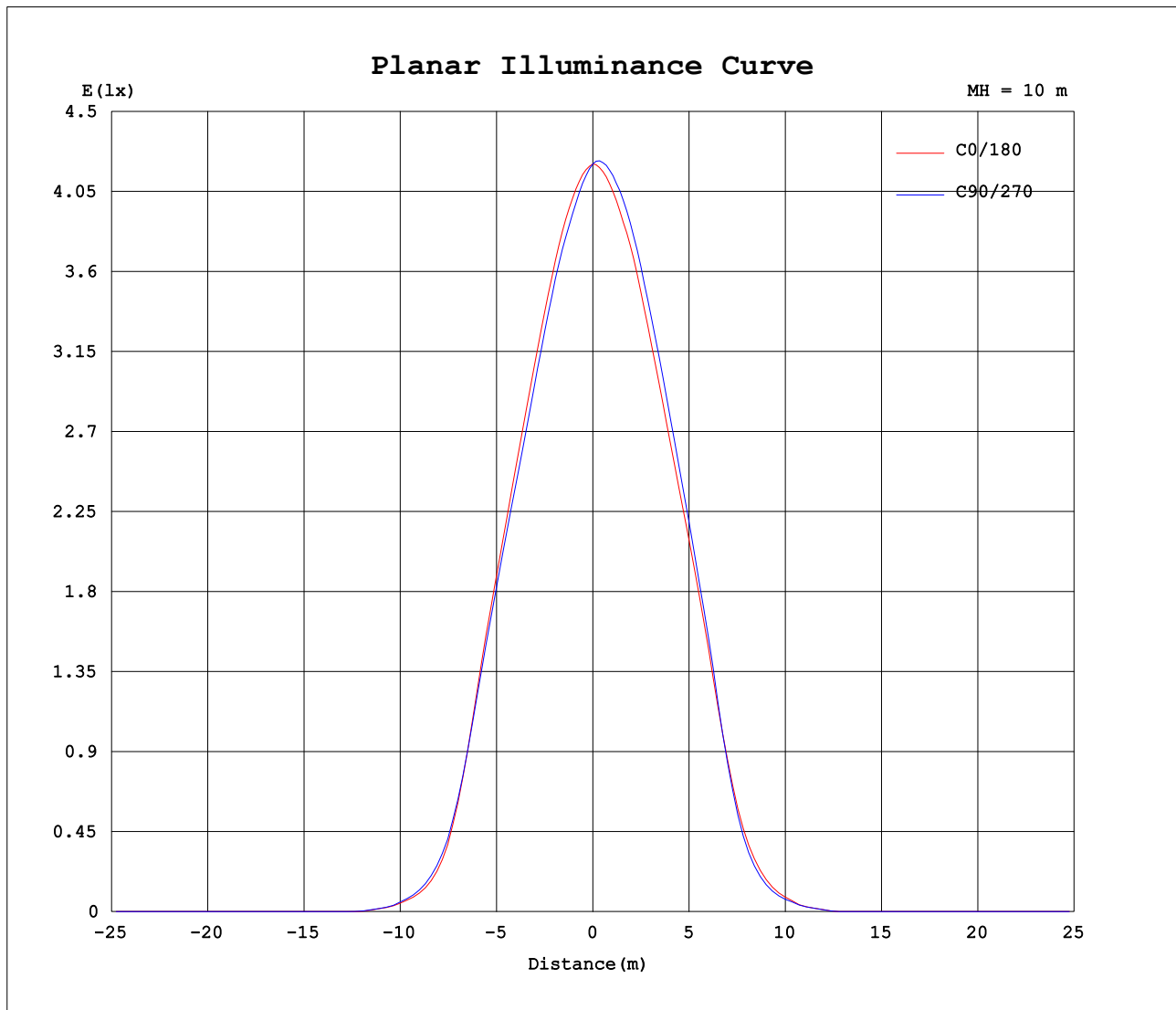
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	0
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Qin Meng  
 Test Date:2025-06-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.390m [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: 2025-06-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 7.390m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	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	420	420	420	421	420	420	420	421	420	421	420	421	420	420	420	421	420	420	420
5	411	409	406	405	403	403	403	405	405	408	409	412	414	416	418	419	421	421	422
10	392	389	385	384	382	382	381	383	384	388	391	395	400	403	407	410	412	413	413
15	363	359	354	353	352	352	351	352	354	360	363	369	376	383	390	392	394	393	392
20	327	324	318	317	315	316	314	315	316	323	328	336	345	353	360	363	364	363	363
25	281	279	274	275	273	274	272	275	276	283	287	296	306	314	323	324	325	322	321
30	216	210	209	207	208	208	209	212	217	224	229	240	251	256	263	263	264	261	261
35	112	108	107	109	111	114	115	118	122	128	136	144	155	160	163	162	160	156	152
40	38.9	38.8	38.1	40.5	40.9	44.0	45.2	48.4	49.6	53.6	56.0	60.7	66.2	65.7	66.8	63.4	63.2	58.7	57.3
45	13.6	14.0	13.1	13.9	13.6	15.2	15.4	16.8	17.4	19.0	19.7	21.5	23.0	22.8	23.1	21.8	21.4	20.2	19.6
50	1.13	1.05	0.82	1.03	1.06	1.51	1.72	2.14	2.30	3.07	3.29	4.07	4.67	4.47	4.81	4.61	4.79	4.52	4.61
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:2025-06-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:7.390m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.0580A P:6.9000W PF:0.9770 Freq:60.00Hz Lamp Flux:375.709x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ152mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	421	420	421	420	421														
5	422	420	419	417	414														
10	411	410	405	402	397														
15	389	386	381	376	369														
20	358	354	348	341	333														
25	317	314	306	297	288														
30	256	252	242	235	225														
35	146	139	131	125	119														
40	52.1	50.3	45.9	44.8	41.5														
45	18.3	17.6	16.2	15.8	15.1														
50	3.76	3.38	2.35	2.22	1.75														
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:2025-06-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:7.390m [K=1.0000]  
 Remarks: