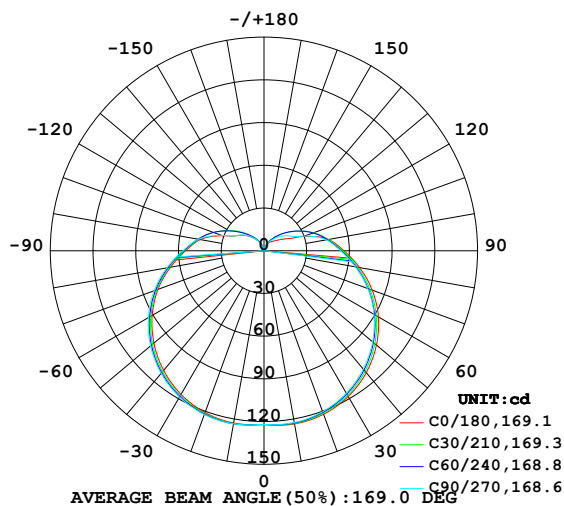


LUMINAIRE PHOTOMETRIC TEST REPORT

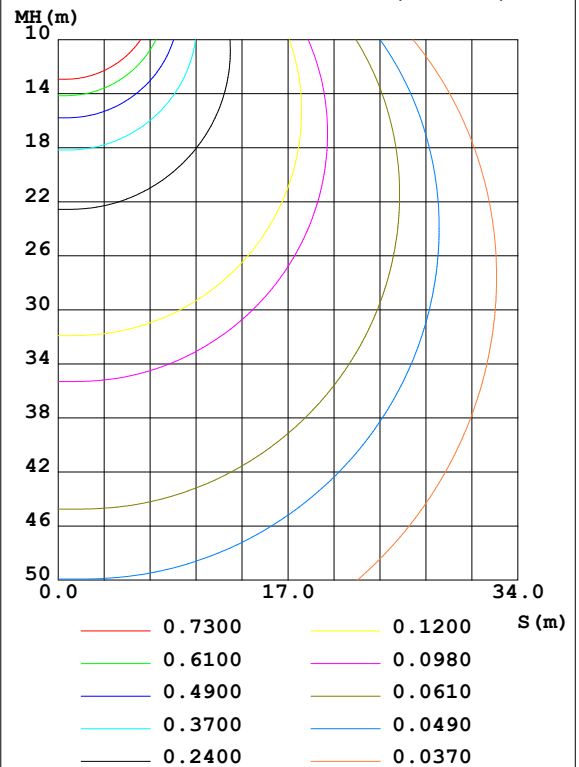
Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.: Φ 140*70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.61 lm/W			
MODEL	DLP-FM-8W-B	I _{max} (cd)	123.6	S/MH (C0/180)	1.43
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	1.46
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	738.57	η UP, DN (C0-180)	11.2, 38.2
NOMINAL FLUX (lm)	738.566	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.5, 39.2
LAMPS INSIDE	1	η up (%)	22.6	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	77.4	CIBSE SHR MAX	1.55

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: 2025-06-27

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	123.5	122.9	122.5	122.4	122.8	123.3	123.4	123.5	0- 10	11.72	11.72	1.59,1.59
20	122.2	121.2	120.3	120.1	121.0	121.9	122.5	122.6	10- 20	34.69	46.41	6.28,6.28
30	118.2	116.7	115.5	115.3	116.5	117.8	118.7	118.8	20- 30	55.26	101.7	13.8,13.8
40	111.7	109.9	108.5	108.3	109.7	111.2	112.4	112.6	30- 40	71.55	173.2	23.5,23.5
50	103.1	101.0	99.55	99.29	100.9	102.6	104.0	104.0	40- 50	82.24	255.5	34.6,34.6
60	92.75	90.38	89.15	88.72	90.68	92.07	93.79	93.56	50- 60	86.66	342.1	46.3,46.3
70	80.90	78.60	77.59	77.15	79.23	80.33	82.09	81.68	60- 70	84.89	427.0	57.8,57.8
80	68.06	66.28	65.07	65.07	66.69	67.98	69.22	69.08	70- 80	77.65	504.7	68.3,68.3
90	56.21	54.92	53.82	53.96	55.15	56.21	57.08	57.12	80- 90	66.74	571.4	77.4,77.4
100	45.89	45.73	44.38	45.00	45.49	46.79	46.90	47.40	90-100	55.34	626.7	84.9,84.9
110	29.53	37.39	30.52	36.83	31.00	38.29	31.82	38.39	100-110	42.58	669.3	90.6,90.6
120	16.74	29.36	20.93	28.73	21.46	29.92	21.69	29.23	110-120	29.04	698.4	94.6,94.6
130	11.48	21.41	16.03	20.64	16.66	21.65	17.12	20.98	120-130	19.10	717.5	97.1,97.1
140	8.503	14.23	11.33	13.44	11.96	14.26	12.17	13.99	130-140	11.64	729.1	98.7,98.7
150	6.607	8.386	7.200	7.739	7.752	8.287	7.611	6.967	140-150	6.231	735.3	99.6,99.6
160	3.712	4.030	3.744	3.497	3.895	3.816	3.720	2.969	150-160	2.617	737.9	99.9,99.9
170	0.7358	0.7752	0.5921	0.1945	0.1735	0.1157	0.5128	0.3160	160-170	0.6194	738.6	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0079	738.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 213.39 lm

%lum = 28.9%

%lamp = 28.9%

Conical surface Flux(120deg): 342.12 lm

%lum = 46.3%

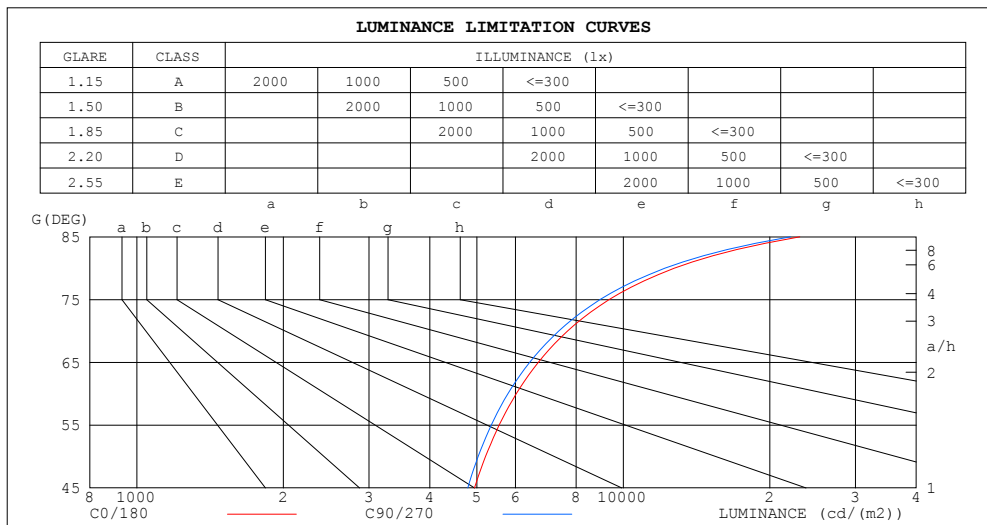
%lamp = 46.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Qin Meng
 Test Date:2025-06-27

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:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.: ϕ 140*70mm	Shielding Angle:



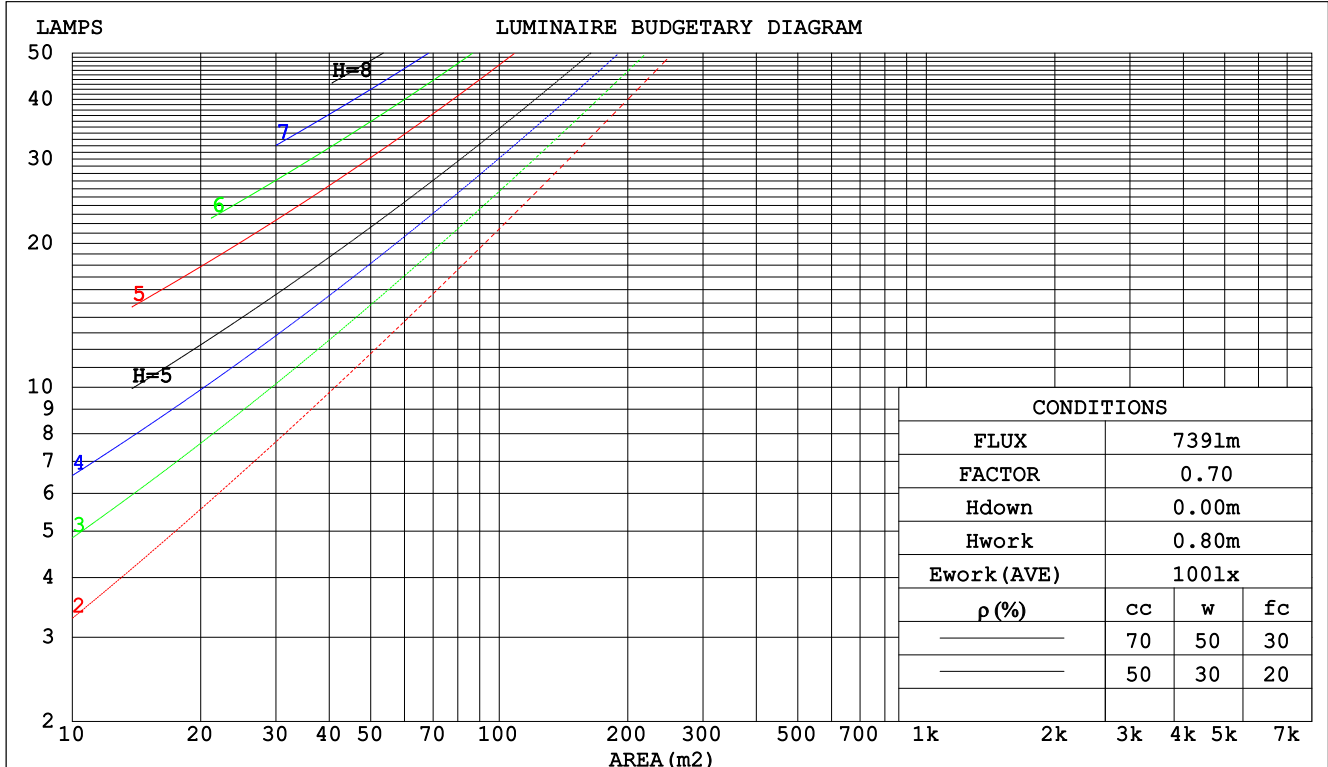
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.: ϕ 140*70mm	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.14	1.14	1.14	1.08	1.08	1.08	.99	.99	.99	.90	.90	.90	.81	.81	.81	.77
1.0	.93	.88	.82	.89	.84	.79	.80	.76	.72	.72	.69	.66	.65	.63	.60	.56
2.0	.79	.71	.64	.75	.68	.61	.68	.62	.57	.61	.56	.52	.55	.51	.47	.44
3.0	.68	.59	.51	.65	.56	.50	.59	.52	.46	.53	.47	.42	.47	.43	.39	.35
4.0	.60	.50	.43	.57	.48	.41	.51	.44	.38	.46	.40	.35	.41	.36	.32	.29
5.0	.53	.43	.36	.50	.41	.35	.45	.38	.32	.41	.35	.30	.37	.32	.27	.24
6.0	.47	.38	.31	.45	.36	.30	.41	.33	.28	.37	.30	.26	.33	.28	.24	.21
7.0	.42	.33	.27	.40	.32	.26	.37	.29	.24	.33	.27	.22	.30	.25	.21	.18
8.0	.38	.30	.23	.37	.28	.23	.33	.26	.21	.30	.24	.20	.28	.22	.18	.16
9.0	.35	.27	.21	.34	.26	.20	.31	.24	.19	.28	.22	.18	.25	.20	.16	.14
10.0	.32	.24	.19	.31	.23	.18	.28	.22	.17	.26	.20	.16	.24	.18	.15	.13



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:

WEC AND CCEC

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:2700K		DIM.:		SERIAL No.:	
MFR.:		SUR.:Φ140*70mm		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	.409	.233	.074	.395	.225	.072	.369	.212	.068	.344	.199	.064	.322	.187	.060	
2.0	.348	.191	.059	.335	.185	.057	.311	.173	.054	.289	.162	.051	.268	.152	.048	
3.0	.306	.163	.049	.295	.158	.047	.273	.148	.045	.252	.138	.042	.234	.129	.040	
4.0	.274	.142	.042	.263	.138	.041	.243	.129	.039	.225	.121	.036	.208	.113	.034	
5.0	.248	.126	.037	.238	.122	.036	.220	.114	.034	.203	.107	.032	.187	.100	.030	
6.0	.226	.113	.032	.217	.110	.032	.201	.103	.030	.185	.096	.028	.171	.090	.027	
7.0	.208	.103	.029	.200	.100	.028	.185	.093	.027	.170	.087	.025	.157	.082	.024	
8.0	.192	.094	.026	.185	.091	.026	.171	.085	.024	.158	.080	.023	.146	.075	.022	
9.0	.179	.087	.024	.172	.084	.024	.159	.079	.022	.147	.074	.021	.136	.069	.020	
10.0	.167	.080	.022	.161	.078	.022	.149	.073	.021	.138	.068	.019	.127	.064	.018	

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	.363	.363	.363	.310	.310	.310	.212	.212	.212	.122	.122	.122	.039	.039	.039	
1.0	.361	.329	.300	.309	.282	.259	.211	.194	.179	.122	.112	.104	.039	.036	.034	
2.0	.355	.307	.266	.304	.264	.230	.208	.183	.161	.120	.106	.094	.039	.034	.031	
3.0	.347	.291	.245	.298	.251	.213	.204	.174	.149	.118	.102	.088	.038	.033	.029	
4.0	.340	.278	.231	.291	.240	.201	.200	.168	.142	.116	.098	.084	.037	.032	.028	
5.0	.332	.269	.222	.285	.232	.193	.196	.162	.136	.114	.095	.081	.037	.031	.027	
6.0	.324	.261	.215	.279	.226	.187	.192	.158	.133	.112	.093	.079	.036	.030	.026	
7.0	.317	.254	.210	.273	.220	.183	.188	.155	.130	.110	.091	.077	.035	.030	.026	
8.0	.310	.249	.207	.267	.216	.180	.185	.152	.128	.108	.089	.076	.035	.029	.025	
9.0	.304	.244	.204	.262	.212	.178	.181	.149	.126	.106	.088	.075	.034	.029	.025	
10.0	.298	.240	.201	.257	.208	.176	.178	.147	.125	.104	.087	.074	.034	.028	.025	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:2700K					DIM.:			SERIAL No.:			
MFR.:					SUR.: ϕ 140*70mm			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	17.5	18.9	18.1	19.4	20.1	17.3	18.7	17.9	19.3	19.9	
	3H	20.1	21.4	20.7	22.0	22.7	19.9	21.2	20.5	21.8	22.5
	4H	21.5	22.7	22.2	23.4	24.1	21.3	22.5	21.9	23.1	23.9
	6H	23.1	24.2	23.7	24.9	25.6	22.9	24.0	23.5	24.6	25.4
	8H	24.0	25.1	24.6	25.7	26.5	23.7	24.8	24.4	25.5	26.2
	12H	25.0	26.0	25.6	26.7	27.4	24.7	25.7	25.4	26.4	27.2
4H	2H	18.3	19.5	18.9	20.1	20.9	18.2	19.4	18.8	20.0	20.7
	3H	21.1	22.2	21.8	22.8	23.6	21.0	22.0	21.6	22.7	23.4
	4H	22.7	23.7	23.4	24.3	25.2	22.5	23.5	23.2	24.2	25.0
	6H	24.4	25.3	25.2	26.0	26.9	24.2	25.1	24.9	25.8	26.6
	8H	25.4	26.2	26.1	26.9	27.8	25.2	26.0	25.9	26.7	27.6
	12H	26.5	27.3	27.3	28.0	28.9	26.3	27.0	27.0	27.8	28.6
8H	4H	23.3	24.1	24.0	24.8	25.7	23.1	23.9	23.8	24.7	25.5
	6H	25.3	26.0	26.0	26.7	27.6	25.1	25.8	25.9	26.6	27.5
	8H	26.5	27.1	27.2	27.8	28.7	26.3	26.9	27.0	27.7	28.6
	12H	27.8	28.3	28.6	29.1	30.1	27.6	28.1	28.4	28.9	29.8
12H	4H	23.4	24.2	24.1	24.9	25.8	23.3	24.0	24.0	24.8	25.6
	6H	25.6	26.2	26.3	26.9	27.8	25.4	26.0	26.2	26.8	27.7
	8H	26.8	27.4	27.6	28.1	29.1	26.7	27.2	27.4	28.0	28.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117, 738.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.1)
Area: 0.030788 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

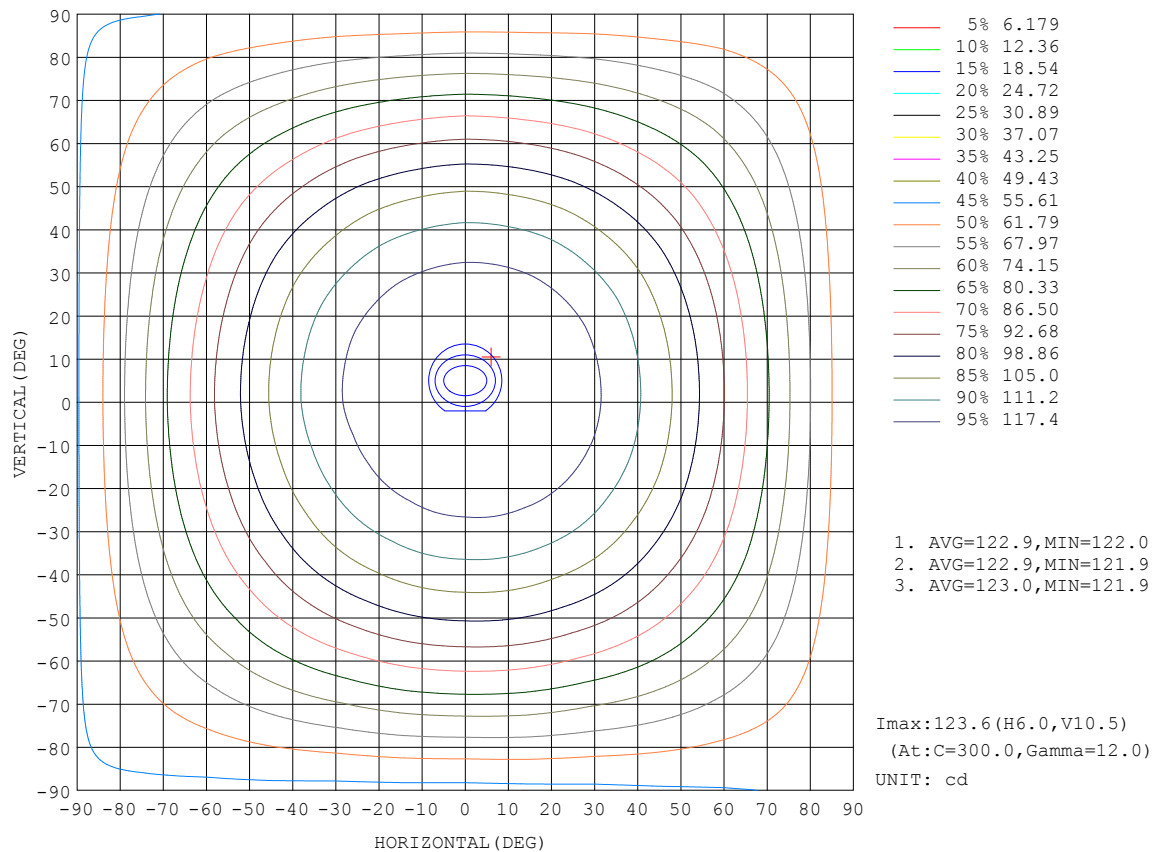
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	32	24	43	31	24	41	30	24	17
0.80	53	40	32	52	39	31	49	38	30	22
1.00	61	47	39	59	46	38	55	47	37	28
1.25	68	55	46	65	53	45	61	50	43	33
1.50	73	60	51	70	58	50	65	55	48	36
2.00	81	69	60	77	66	58	71	62	55	42
2.50	85	74	66	82	72	64	75	67	60	46
3.00	89	79	71	85	76	69	78	71	64	50
4.00	94	85	78	90	82	76	82	76	70	55
5.00	97	90	83	93	86	80	85	79	74	58
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:2025-06-27

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:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.: Φ 140*70mm	Shielding Angle:

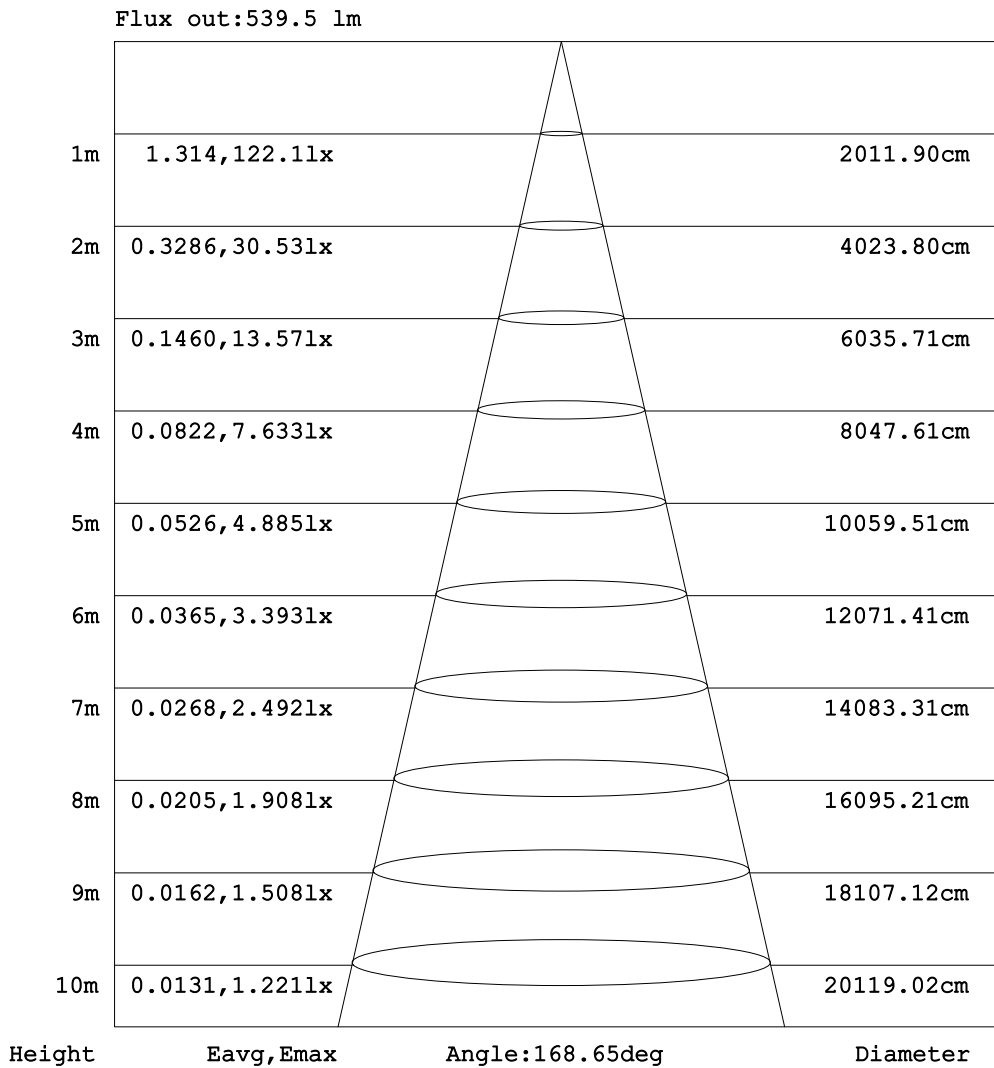


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:

AAI Figure

Test:U:120.00V I:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:



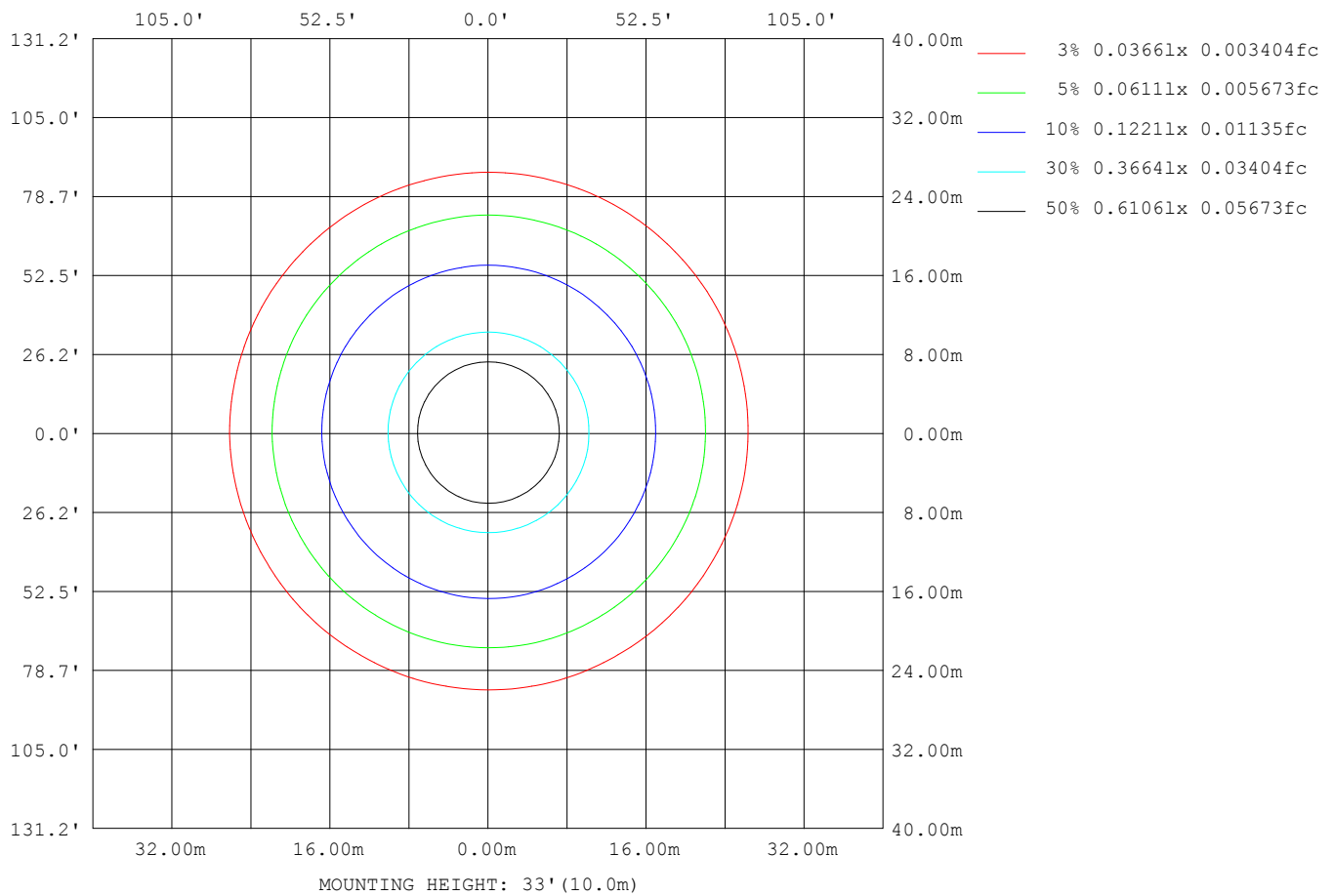
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Qin Meng
 Test Date:2025-06-27

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:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

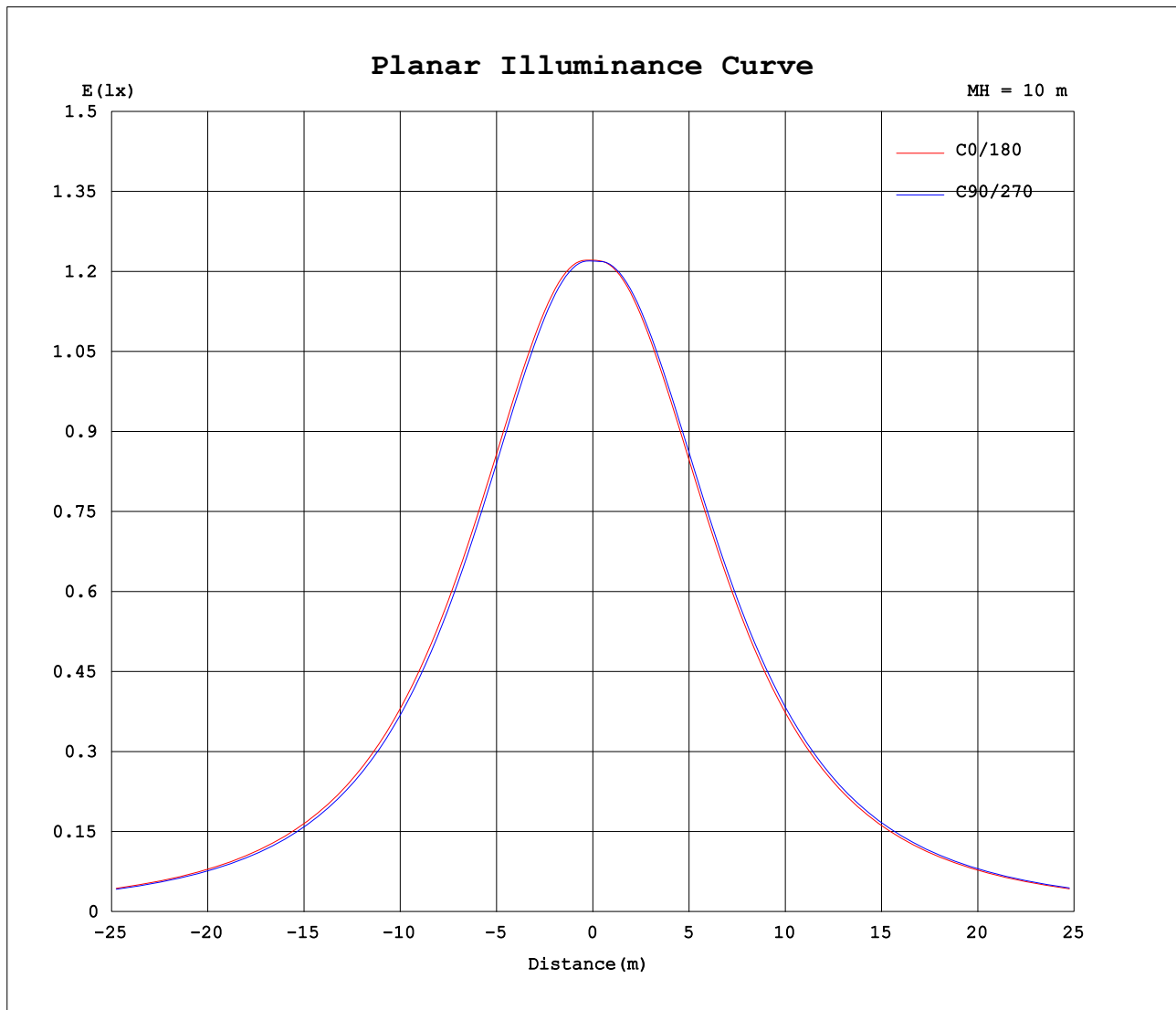
AvgL	cd/m2
L_0~180 (65) av	6614
L_0~180 (75) av	9259
L_0~180 (85) av	22822
L_90~270 (65) av	6597
L_90~270 (75) av	9231
L_90~270 (85) av	22732
L_45 (65) av	6565
L_45 (75) av	9195
L_45 (85) av	22757

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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: 2025-06-27

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:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	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	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
5	123	123	123	123	123	123	123	122	122	122	122	122	123	123	123	123	123	123	123
10	124	123	123	123	123	123	123	122	122	122	122	122	123	123	123	123	123	123	123
15	123	123	123	122	122	122	122	122	122	122	122	122	122	122	123	123	123	123	123
20	122	122	122	121	121	121	120	120	120	120	120	120	121	121	122	122	122	122	122
25	121	120	120	119	119	119	118	118	118	118	118	118	119	119	120	120	120	121	121
30	118	118	117	117	116	116	116	115	115	115	115	116	117	117	117	118	118	118	119
35	115	115	114	114	113	113	112	112	112	112	112	113	113	114	114	115	115	116	116
40	112	111	110	110	109	109	108	108	108	108	108	109	110	110	111	111	112	112	112
45	108	107	106	106	105	105	104	104	104	104	104	105	106	106	107	107	108	108	108
50	103	103	102	101	100	100.0	99.6	99.4	99.2	99.3	99.4	100.0	101	101	102	103	103	104	104
55	98.1	97.5	96.5	95.9	95.2	94.9	94.5	94.3	94.0	94.2	94.3	95.0	96.0	96.4	97.1	97.5	98.2	98.6	99.1
60	92.8	92.1	91.0	90.4	89.7	89.5	89.2	89.0	88.6	88.7	88.9	89.7	90.7	91.0	91.7	92.1	92.8	93.2	93.8
65	87.0	86.3	85.3	84.6	83.9	83.8	83.5	83.3	82.9	83.0	83.2	84.0	85.1	85.4	86.0	86.3	87.0	87.5	88.1
70	80.9	80.3	79.2	78.6	77.9	77.9	77.6	77.4	77.0	77.1	77.3	78.2	79.2	79.5	80.0	80.3	81.0	81.6	82.1
75	74.5	74.0	73.0	72.4	71.7	71.8	71.4	71.3	70.9	71.1	71.3	72.1	73.1	73.3	73.8	74.2	74.8	75.3	75.8
80	68.1	67.6	66.8	66.3	65.6	65.5	65.1	65.1	64.8	65.1	65.2	65.9	66.7	67.0	67.7	68.0	68.5	68.8	69.2
85	61.8	61.5	60.8	60.3	59.7	59.5	59.1	59.1	59.0	59.2	59.3	59.9	60.6	61.0	61.6	61.8	62.4	62.5	62.9
90	56.2	55.9	55.3	54.9	54.3	54.2	53.8	53.8	53.7	54.0	54.0	54.5	55.2	55.5	56.0	56.2	56.7	56.8	57.1
95	51.2	51.0	50.5	50.1	49.6	49.4	49.2	49.2	49.1	49.3	49.4	49.8	50.3	50.6	51.1	51.2	51.6	51.7	52.0
100	45.9	45.9	46.0	45.7	45.3	44.6	44.4	44.2	44.8	45.0	45.1	44.6	45.5	45.7	46.6	46.8	47.1	46.4	46.9
105	38.3	39.3	41.7	41.5	41.1	38.4	37.8	37.3	40.5	40.9	40.8	37.6	38.7	39.1	42.3	42.5	42.6	38.9	39.7
110	29.5	32.4	37.1	37.4	36.7	31.8	30.5	30.2	36.0	36.8	36.3	30.7	31.0	32.5	37.8	38.3	37.8	31.4	31.8
115	20.6	26.8	32.5	33.4	32.2	26.8	23.8	25.3	31.3	32.8	31.7	25.9	24.3	27.3	33.2	34.1	32.7	26.3	24.5
120	16.7	22.2	27.9	29.4	27.8	22.8	20.9	21.8	26.7	28.7	27.1	22.3	21.5	23.4	28.6	29.9	27.9	22.7	21.7
125	13.6	18.3	23.5	25.4	23.6	19.6	18.5	18.8	22.5	24.7	22.9	19.3	19.1	20.1	24.3	25.8	23.5	19.7	19.4
130	11.5	15.2	19.7	21.4	19.8	16.8	16.0	16.1	18.7	20.6	19.1	16.6	16.7	17.2	20.3	21.7	19.6	17.0	17.1
135	9.70	12.8	16.2	17.7	16.3	14.1	13.6	13.7	15.3	16.9	15.6	14.1	14.2	14.6	16.8	17.8	16.3	14.5	14.6
140	8.50	10.9	13.1	14.2	13.2	11.7	11.3	11.4	12.4	13.4	12.6	11.8	12.0	12.2	13.6	14.3	13.3	12.2	12.2
145	7.51	9.11	10.4	11.1	10.4	9.46	9.16	9.18	9.82	10.4	10.00	9.57	9.80	9.96	10.7	11.1	10.7	9.97	9.85
150	6.61	7.32	8.08	8.39	7.96	7.43	7.20	7.17	7.51	7.74	7.64	7.52	7.75	7.86	8.22	8.29	8.29	7.82	7.61
155	5.17	5.41	5.96	6.05	5.82	5.59	5.40	5.32	5.43	5.48	5.54	5.60	5.81	5.86	5.98	5.95	6.04	5.73	5.52
160	3.71	3.86	4.06	4.03	3.93	3.88	3.74	3.63	3.55	3.50	3.58	3.74	3.89	3.83	3.89	3.82	3.92	3.74	3.72
165	2.17	2.29	2.36	2.31	2.20	2.28	2.22	2.10	1.90	1.75	1.74	1.84	1.98	1.77	1.87	1.79	1.95	1.99	2.06
170	0.74	0.78	0.82	0.78	0.72	0.64	0.59	0.55	0.39	0.19	0.14	0.18	0.17	0.11	0.08	0.12	0.30	0.44	0.51
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:2025-06-27

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:0.0630A P:7.4900W PF:0.9810 Freq:60.00Hz Lamp Flux:738.566x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:2700K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	122	122	122	122	122														
5	123	123	123	123	123														
10	123	123	124	123	123														
15	123	123	123	123	123														
20	123	123	123	123	122														
25	121	121	121	121	121														
30	119	119	119	119	118														
35	116	116	116	116	116														
40	113	113	113	112	112														
45	109	109	109	109	108														
50	104	104	104	104	104														
55	99.1	99.2	99.0	99.0	98.6														
60	93.7	93.8	93.6	93.6	93.2														
65	88.0	88.0	87.8	87.8	87.5														
70	81.9	81.9	81.7	81.7	81.4														
75	75.6	75.6	75.4	75.5	75.1														
80	69.1	69.3	69.1	69.2	68.7														
85	62.8	63.0	62.9	62.9	62.5														
90	57.1	57.3	57.1	57.2	56.8														
95	52.0	52.1	52.0	52.1	51.7														
100	46.9	47.5	47.4	47.3	46.0														
105	40.4	43.1	42.9	42.2	38.5														
110	33.8	38.6	38.4	36.4	29.9														
115	28.5	33.9	33.8	30.3	23.1														
120	24.2	29.3	29.2	24.8	18.3														
125	20.7	24.9	25.0	20.3	14.1														
130	17.6	20.8	21.0	16.6	11.8														
135	14.8	16.9	17.3	13.7	10.0														
140	12.0	13.0	14.0	11.2	8.78														
145	9.63	9.82	10.5	9.24	7.57														
150	7.64	7.18	6.97	7.03	5.84														
155	5.68	5.15	4.54	4.38	4.84														
160	3.66	3.71	2.97	2.87	3.08														
165	1.83	2.01	1.92	1.78	1.49														
170	0.48	0.27	0.32	0.51	0.47														
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:2025-06-27

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: