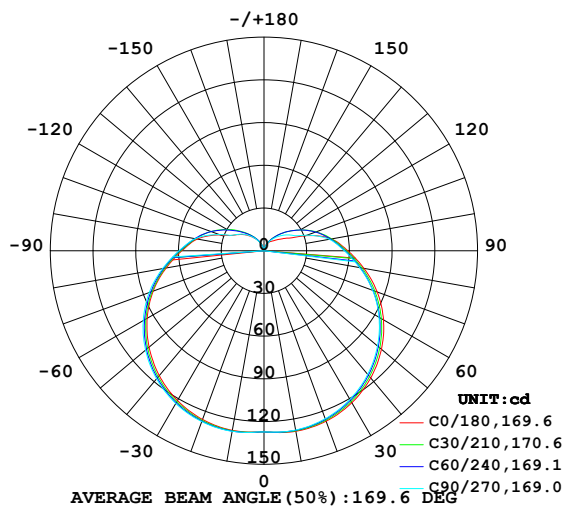


LUMINAIRE PHOTOMETRIC TEST REPORT

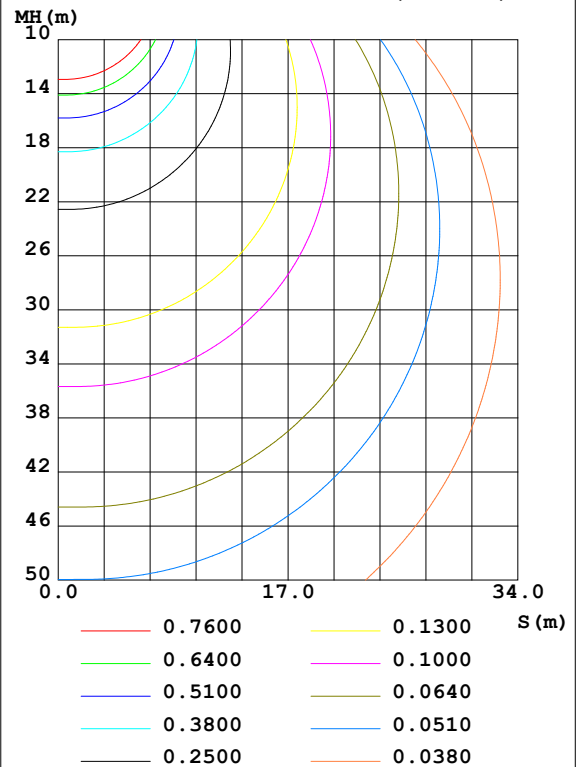
Test:U:120.00V I:0.0630A P:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: Φ 140*70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.43 lm/W			
MODEL	DLP-FM-8W-B	I _{max} (cd)	129.0	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)	772.61	η UP,DN (C0-180)	11.2,38.2
NOMINAL FLUX (lm)	772.608	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	11.5,39.1
LAMPS INSIDE	1	η up (%)	22.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	77.3	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	128.7	128.2	127.8	127.8	128.0	128.5	128.7	128.9	0- 10	12.23	12.23	1.58,1.58
20	127.4	126.4	125.6	125.5	126.1	127.1	127.7	128.0	10- 20	36.19	48.42	6.27,6.27
30	123.3	121.8	120.7	120.5	121.5	122.8	123.8	124.1	20- 30	57.66	106.1	13.7,13.7
40	116.6	114.8	113.4	113.2	114.5	116.0	117.3	117.6	30- 40	74.70	180.8	23.4,23.4
50	107.7	105.5	104.1	103.8	105.3	107.0	108.6	108.7	40- 50	85.89	266.7	34.5,34.5
60	96.93	94.48	93.28	92.87	94.72	96.13	97.92	97.80	50- 60	90.55	357.2	46.2,46.2
70	84.58	82.20	81.24	80.82	82.77	83.86	85.75	85.44	60- 70	88.75	446.0	57.7,57.7
80	71.22	69.38	68.22	68.26	69.77	70.98	72.34	72.32	70- 80	81.24	527.2	68.2,68.2
90	58.89	57.55	56.45	56.66	57.76	58.75	59.69	59.85	80- 90	69.89	597.1	77.3,77.3
100	48.11	47.97	46.60	47.30	47.67	48.93	49.09	49.71	90-100	58.00	655.1	84.8,84.8
110	31.01	39.26	32.07	38.74	32.55	40.07	33.36	40.29	100-110	44.66	699.8	90.6,90.6
120	17.63	30.86	22.05	30.25	22.55	31.34	22.76	30.69	110-120	30.49	730.3	94.5,94.5
130	12.10	22.52	16.90	21.76	17.53	22.70	17.98	22.05	120-130	20.08	750.3	97.1,97.1
140	8.975	15.00	11.98	14.20	12.61	14.97	12.80	14.68	130-140	12.25	762.6	98.7,98.7
150	6.989	8.861	7.634	8.221	8.213	8.718	8.024	7.260	140-150	6.573	769.2	99.6,99.6
160	3.966	4.298	4.006	3.758	4.166	4.044	3.954	3.209	150-160	2.776	771.9	99.9,99.9
170	0.8597	0.9093	0.6750	0.2764	0.2586	0.1778	0.5951	0.4162	160-170	0.6693	772.6	100,100
180	0	0	0	0	0	0	0	0	170-180	0.0101	772.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 222.73 lm

%lum = 28.8%

%lamp = 28.8%

Conical surface Flux(120deg): 357.22 lm

%lum = 46.2%

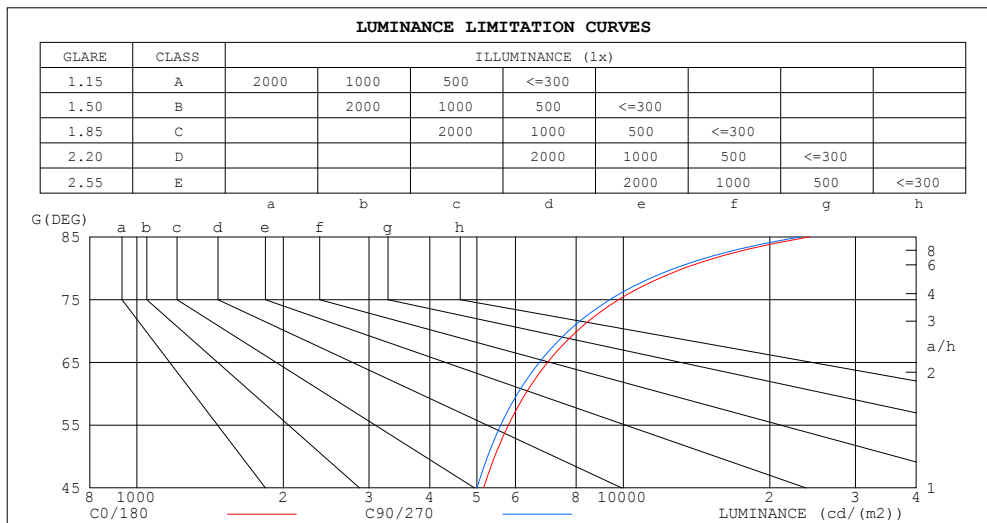
%lamp = 46.2%

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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: ϕ 140*70mm	Shielding Angle:



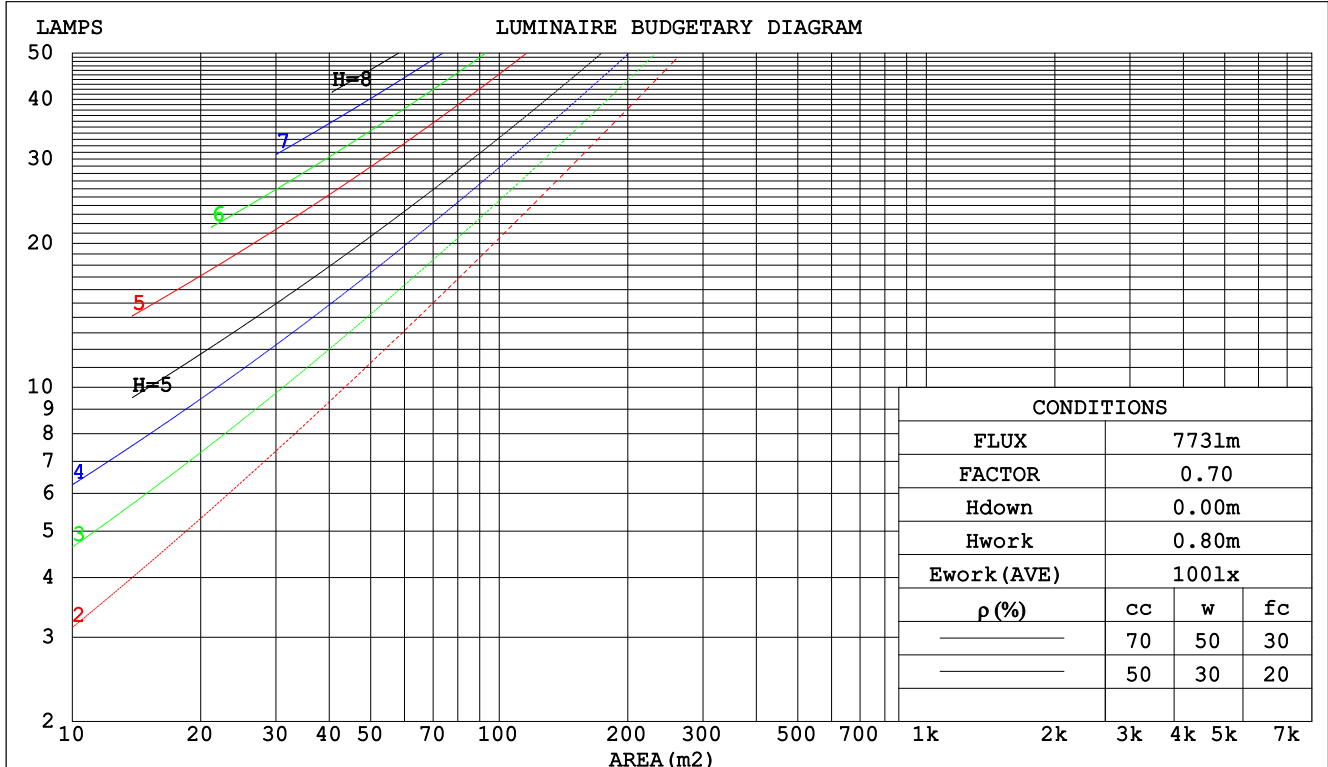
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	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	.98	.98	.98	.89	.89	.89	.81	.81	.81	.77
1.0	.93	.88	.82	.89	.84	.79	.80	.76	.72	.72	.69	.66	.65	.62	.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	.49	.59	.51	.46	.53	.47	.42	.47	.43	.39	.35
4.0	.60	.50	.42	.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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:4000K		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	.410	.233	.074	.395	.226	.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	.145	.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	.364	.364	.364	.311	.311	.311	.212	.212	.212	.122	.122	.122	.039	.039	.039	
1.0	.362	.330	.301	.310	.283	.259	.212	.195	.179	.122	.113	.104	.039	.036	.034	
2.0	.355	.307	.267	.304	.265	.231	.209	.183	.161	.120	.106	.094	.039	.034	.031	
3.0	.348	.291	.246	.298	.251	.213	.205	.174	.149	.118	.102	.088	.038	.033	.029	
4.0	.340	.279	.232	.292	.241	.202	.201	.168	.142	.116	.098	.084	.037	.032	.028	
5.0	.333	.269	.223	.286	.233	.194	.197	.163	.137	.114	.096	.081	.037	.031	.027	
6.0	.325	.261	.216	.279	.226	.188	.193	.159	.133	.112	.093	.079	.036	.030	.026	
7.0	.318	.255	.211	.273	.221	.184	.189	.155	.130	.110	.091	.078	.035	.030	.026	
8.0	.311	.249	.207	.268	.216	.181	.185	.152	.128	.108	.090	.076	.035	.029	.025	
9.0	.305	.245	.204	.262	.212	.178	.182	.149	.127	.106	.088	.075	.034	.029	.025	
10.0	.299	.241	.202	.258	.209	.176	.179	.147	.125	.104	.087	.075	.034	.029	.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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:4000K					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		17.7	19.0	18.2	19.6	20.2	17.5	18.9	18.1	19.4	20.1
3H		20.3	21.5	20.9	22.1	22.8	20.1	21.3	20.7	21.9	22.6
4H		21.7	22.9	22.3	23.5	24.2	21.5	22.7	22.1	23.3	24.0
6H		23.3	24.4	23.9	25.0	25.8	23.0	24.1	23.7	24.8	25.5
8H		24.1	25.2	24.8	25.9	26.6	23.9	25.0	24.5	25.6	26.4
12H		25.1	26.2	25.8	26.8	27.6	24.9	25.9	25.5	26.6	27.3
4H 2H		18.5	19.7	19.1	20.3	21.0	18.3	19.5	19.0	20.2	20.9
3H		21.3	22.3	21.9	23.0	23.7	21.1	22.2	21.8	22.8	23.6
4H		22.9	23.8	23.5	24.5	25.3	22.7	23.6	23.4	24.3	25.1
6H		24.6	25.5	25.3	26.2	27.0	24.4	25.3	25.1	26.0	26.8
8H		25.6	26.4	26.3	27.1	28.0	25.4	26.2	26.1	26.9	27.7
12H		26.7	27.4	27.4	28.2	29.0	26.4	27.2	27.2	27.9	28.8
8H 4H		23.4	24.2	24.1	25.0	25.8	23.3	24.1	24.0	24.8	25.7
6H		25.5	26.1	26.2	26.9	27.8	25.3	26.0	26.0	26.7	27.6
8H		26.6	27.2	27.4	28.0	28.9	26.4	27.0	27.2	27.8	28.7
12H		28.0	28.5	28.7	29.3	30.2	27.8	28.3	28.5	29.1	30.0
12H 4H		23.6	24.3	24.3	25.1	25.9	23.4	24.2	24.2	24.9	25.8
6H		25.7	26.3	26.5	27.1	28.0	25.6	26.2	26.3	26.9	27.9
8H		27.0	27.5	27.8	28.3	29.2	26.8	27.4	27.6	28.1	29.1
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, 772.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.9)
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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

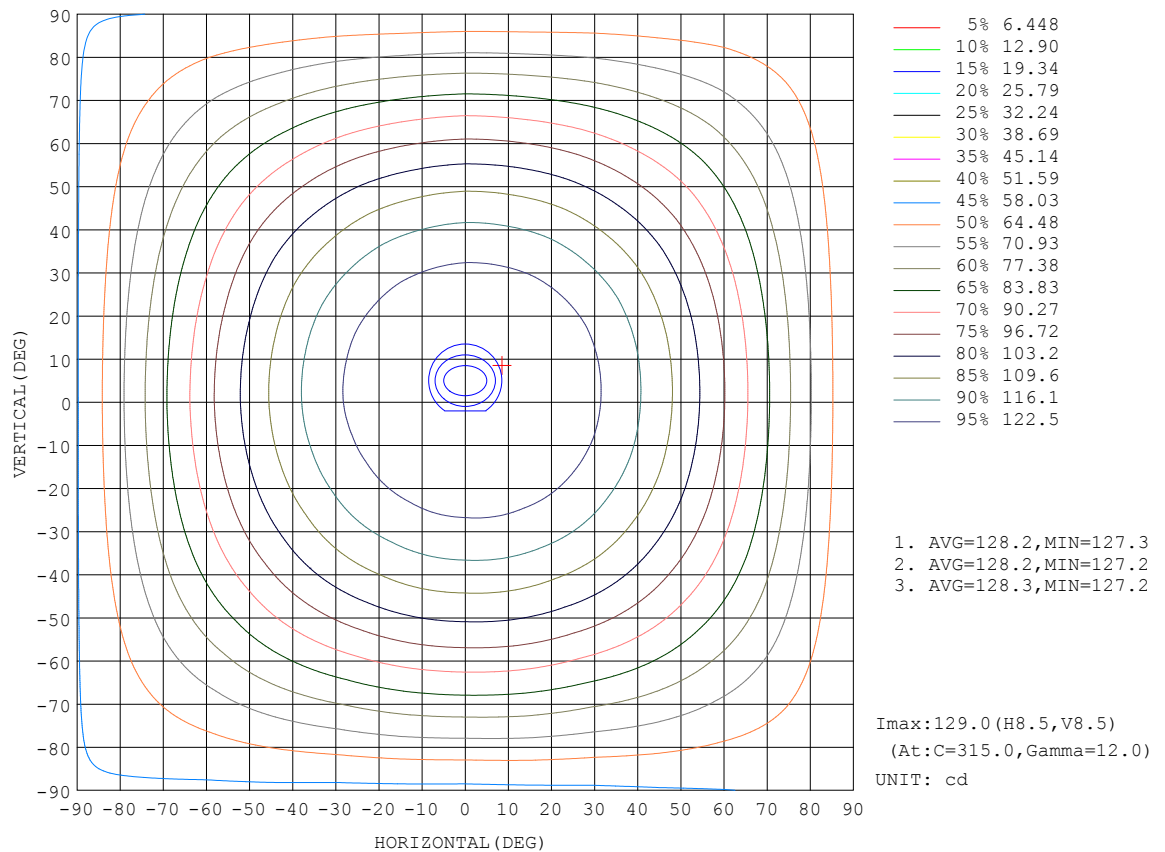
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	32	24	43	31	24	41	30	24	17
0.80	53	40	32	52	39	31	49	38	30	22
1.00	61	47	39	59	46	38	55	47	37	28
1.25	68	55	45	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	54
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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: ϕ 140*70mm	Shielding Angle:

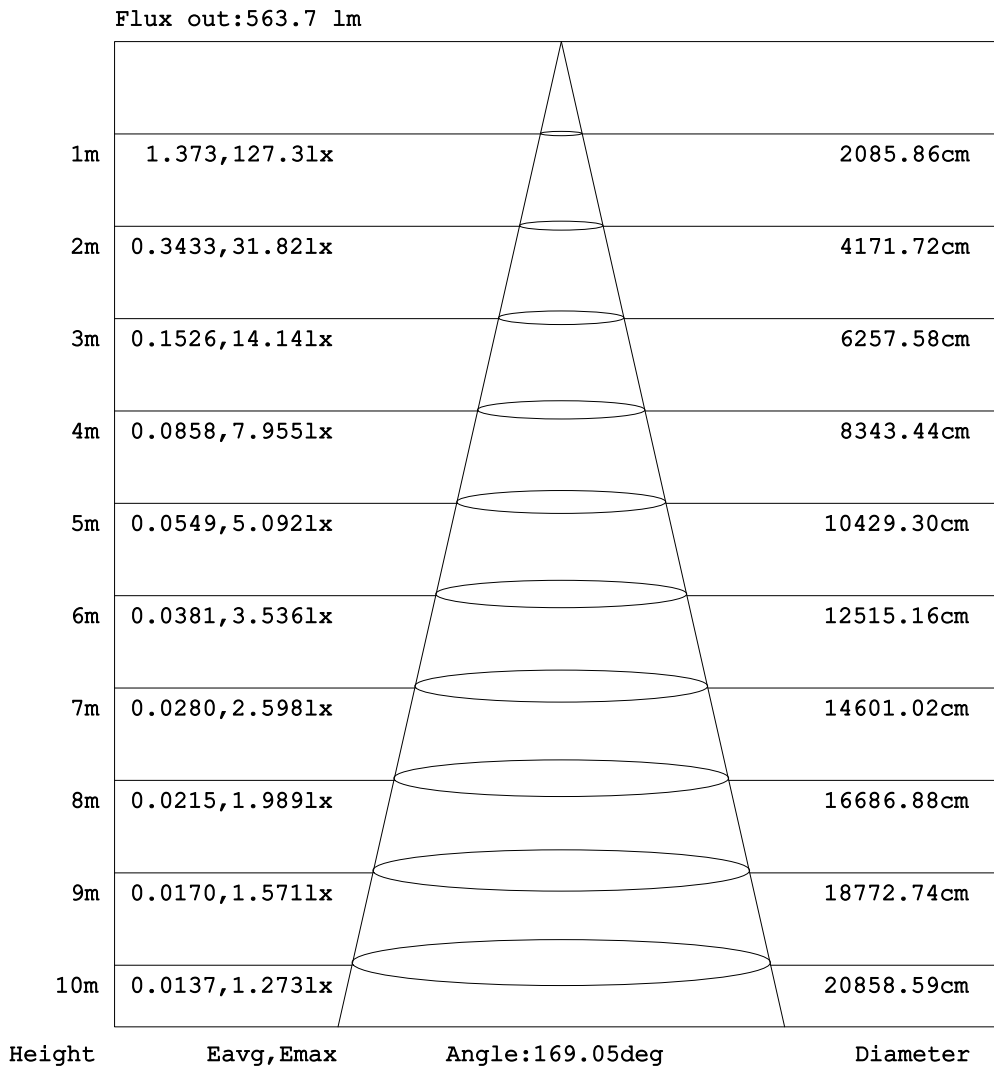


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Qin Meng
Test Date:2025-06-27

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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:



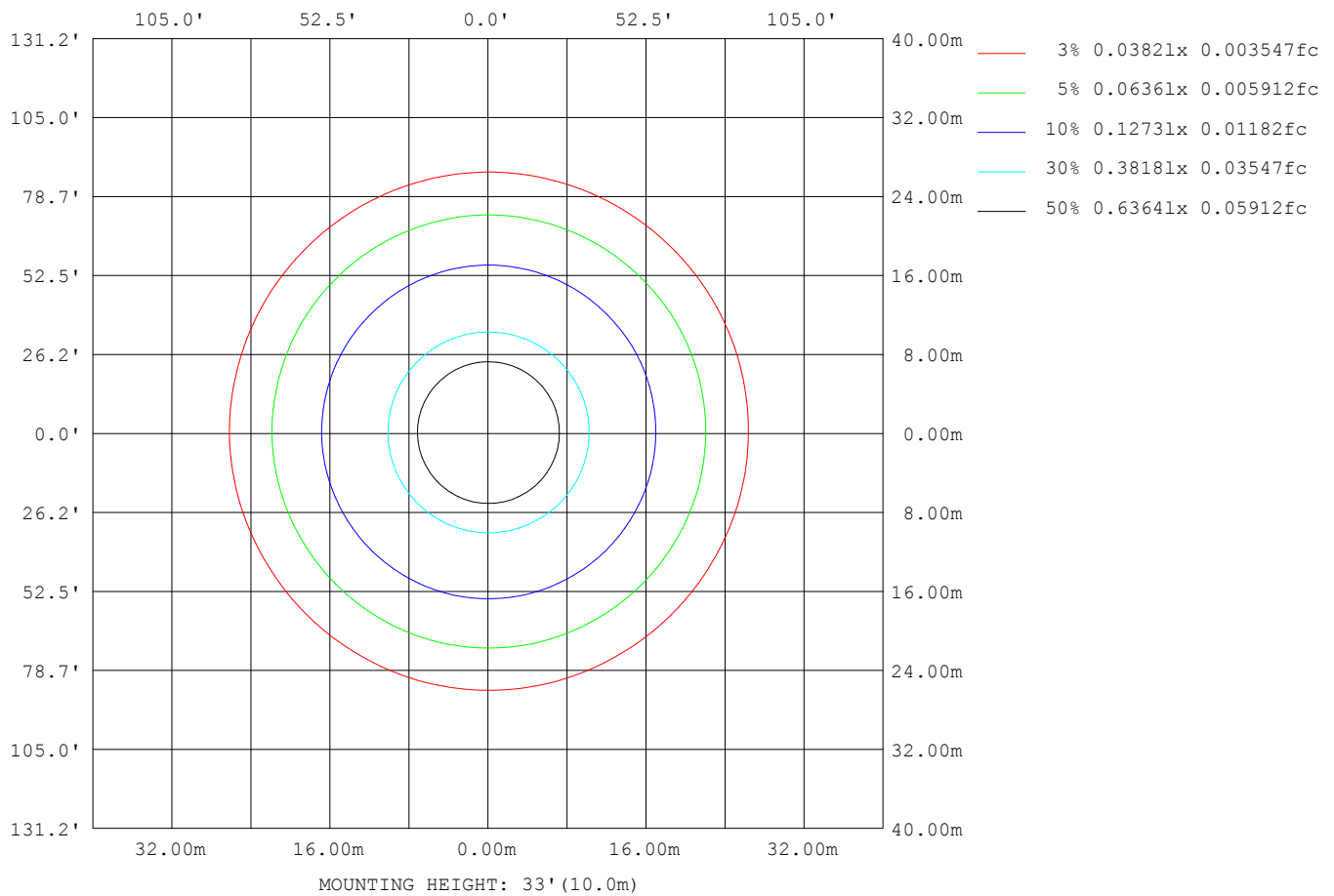
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

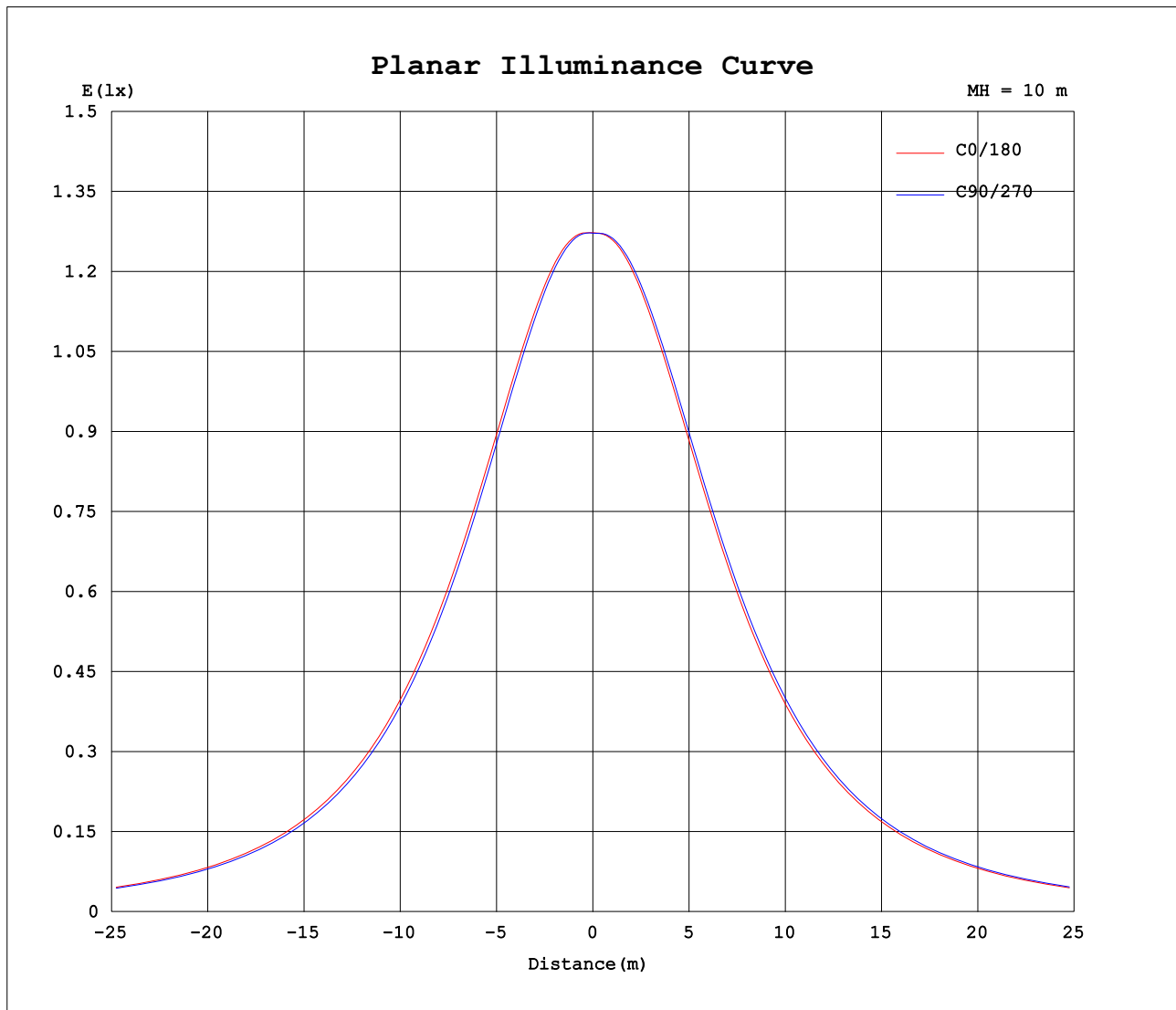
AvgL	cd/m2
L_0~180 (65) av	6910
L_0~180 (75) av	9683
L_0~180 (85) av	23891
L_90~270 (65) av	6897
L_90~270 (75) av	9656
L_90~270 (85) av	23800
L_45 (65) av	6865
L_45 (75) av	9621
L_45 (85) av	23835

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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:4000K									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	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127
5	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
10	129	129	128	128	128	128	128	128	128	128	128	128	128	128	128	129	129	129	129
15	128	128	128	128	127	127	127	127	127	127	127	127	127	128	128	128	128	129	129
20	127	127	127	126	126	126	126	126	125	125	125	126	126	126	127	127	127	128	128
25	126	125	125	124	124	124	123	123	123	123	123	124	124	124	125	125	126	126	126
30	123	123	122	122	121	121	121	121	120	120	121	121	122	122	122	123	123	124	124
35	120	120	119	119	118	118	117	117	117	117	117	118	118	119	119	120	120	121	121
40	117	116	115	115	114	114	113	113	113	113	113	114	114	115	116	116	117	117	117
45	112	112	111	110	110	109	109	109	109	109	109	109	110	111	111	112	112	113	113
50	108	107	106	105	105	105	104	104	104	104	104	105	105	106	107	107	108	108	109
55	102	102	101	100	99.5	99.2	98.8	98.7	98.4	98.5	98.7	99.4	100	101	101	102	102	103	103
60	96.9	96.2	95.1	94.5	93.8	93.6	93.3	93.1	92.8	92.9	93.1	93.8	94.7	95.0	95.8	96.1	96.8	97.3	97.9
65	90.9	90.2	89.1	88.4	87.7	87.7	87.4	87.2	86.8	86.9	87.2	88.0	88.9	89.2	89.8	90.1	90.9	91.4	92.0
70	84.6	84.0	82.8	82.2	81.5	81.6	81.2	81.1	80.6	80.8	81.0	82.0	82.8	83.0	83.5	83.9	84.6	85.2	85.8
75	78.0	77.4	76.4	75.8	75.1	75.2	74.8	74.7	74.3	74.5	74.7	75.6	76.4	76.7	77.1	77.4	78.1	78.6	79.1
80	71.2	70.8	69.9	69.4	68.7	68.6	68.2	68.3	67.9	68.3	68.4	69.1	69.8	70.1	70.7	71.0	71.6	71.9	72.3
85	64.8	64.4	63.6	63.2	62.6	62.4	62.0	62.0	61.9	62.2	62.3	62.8	63.5	63.7	64.3	64.6	65.1	65.3	65.7
90	58.9	58.6	57.9	57.5	57.0	56.8	56.4	56.5	56.4	56.7	56.7	57.2	57.8	58.0	58.5	58.8	59.2	59.4	59.7
95	53.7	53.4	52.9	52.6	52.1	51.9	51.6	51.6	51.6	51.8	51.9	52.2	52.7	53.0	53.4	53.6	54.0	54.1	54.4
100	48.1	48.2	48.3	48.0	47.5	46.9	46.6	46.4	47.1	47.3	47.3	46.9	47.7	47.8	48.8	48.9	49.3	48.5	49.1
105	40.2	41.2	43.7	43.5	43.1	40.2	39.7	39.3	42.6	43.0	42.9	39.6	40.5	40.9	44.3	44.5	44.6	40.7	41.6
110	31.0	34.0	39.0	39.3	38.6	33.4	32.1	31.8	37.9	38.7	38.2	32.3	32.6	34.0	39.6	40.1	39.5	32.8	33.4
115	21.7	28.1	34.1	35.0	33.9	28.1	25.1	26.7	32.9	34.5	33.3	27.3	25.5	28.6	34.8	35.7	34.2	27.5	25.7
120	17.6	23.3	29.3	30.9	29.2	24.0	22.0	22.9	28.1	30.2	28.6	23.5	22.6	24.5	30.0	31.3	29.2	23.8	22.8
125	14.4	19.2	24.7	26.7	24.8	20.7	19.4	19.8	23.7	26.0	24.1	20.3	20.1	21.1	25.5	27.0	24.6	20.6	20.4
130	12.1	16.0	20.7	22.5	20.8	17.7	16.9	17.0	19.7	21.8	20.1	17.5	17.5	18.1	21.3	22.7	20.6	17.8	18.0
135	10.2	13.4	17.0	18.6	17.2	14.9	14.4	14.4	16.2	17.8	16.5	14.9	15.0	15.4	17.6	18.7	17.1	15.2	15.4
140	8.98	11.5	13.8	15.0	13.9	12.4	12.0	12.0	13.1	14.2	13.4	12.5	12.6	12.8	14.3	15.0	14.0	12.8	12.8
145	7.96	9.62	11.0	11.7	11.0	10.0	9.70	9.73	10.4	11.0	10.6	10.1	10.4	10.5	11.3	11.6	11.2	10.5	10.4
150	6.99	7.74	8.54	8.86	8.42	7.87	7.63	7.60	7.98	8.22	8.12	7.99	8.21	8.30	8.65	8.72	8.72	8.23	8.02
155	5.52	5.74	6.32	6.41	6.18	5.93	5.74	5.68	5.78	5.84	5.89	5.96	6.18	6.20	6.32	6.29	6.37	6.04	5.85
160	3.97	4.14	4.33	4.30	4.20	4.15	4.01	3.90	3.80	3.76	3.82	4.00	4.17	4.08	4.13	4.04	4.16	3.97	3.95
165	2.36	2.47	2.54	2.47	2.37	2.46	2.40	2.28	2.07	1.92	1.90	2.00	2.16	1.92	2.02	1.92	2.10	2.13	2.21
170	0.86	0.89	0.92	0.91	0.83	0.71	0.67	0.65	0.49	0.28	0.22	0.26	0.26	0.19	0.14	0.18	0.37	0.53	0.60
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:7.4700W PF:0.9810 Freq:60.00Hz Lamp Flux:772.608x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.:	SUR.:Φ140*70mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	127	127	127	127	127														
5	128	128	128	128	128														
10	129	129	129	129	129														
15	129	129	129	129	129														
20	128	128	128	128	128														
25	126	126	126	126	126														
30	124	124	124	124	124														
35	121	121	121	121	121														
40	117	118	118	118	117														
45	113	113	113	113	113														
50	109	109	109	109	108														
55	104	104	103	104	103														
60	97.9	98.0	97.8	97.9	97.5														
65	91.9	91.9	91.8	91.9	91.5														
70	85.6	85.6	85.4	85.5	85.2														
75	79.1	79.1	78.9	79.0	78.6														
80	72.3	72.5	72.3	72.4	71.9														
85	65.7	66.0	65.9	65.9	65.5														
90	59.7	60.0	59.9	59.9	59.5														
95	54.4	54.6	54.5	54.6	54.3														
100	49.1	49.8	49.7	49.6	48.3														
105	42.3	45.2	45.0	44.2	40.5														
110	35.5	40.4	40.3	38.2	31.4														
115	29.9	35.6	35.5	31.9	24.3														
120	25.4	30.8	30.7	26.1	19.2														
125	21.7	26.2	26.2	21.3	14.8														
130	18.5	21.9	22.0	17.5	12.4														
135	15.5	17.7	18.2	14.4	10.6														
140	12.6	13.7	14.7	11.8	9.28														
145	10.2	10.3	11.0	9.75	8.02														
150	8.09	7.58	7.26	7.45	6.21														
155	5.99	5.46	4.81	4.68	5.11														
160	3.88	3.95	3.21	3.08	3.29														
165	1.97	2.18	2.08	1.95	1.61														
170	0.55	0.35	0.42	0.63	0.57														
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: