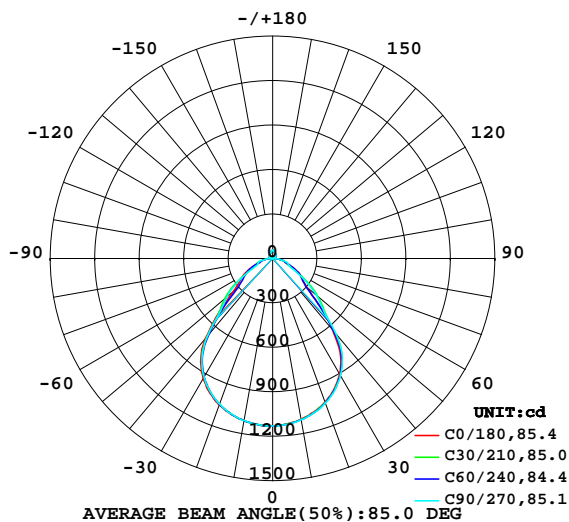


## LUMINAIRE PHOTOMETRIC TEST REPORT

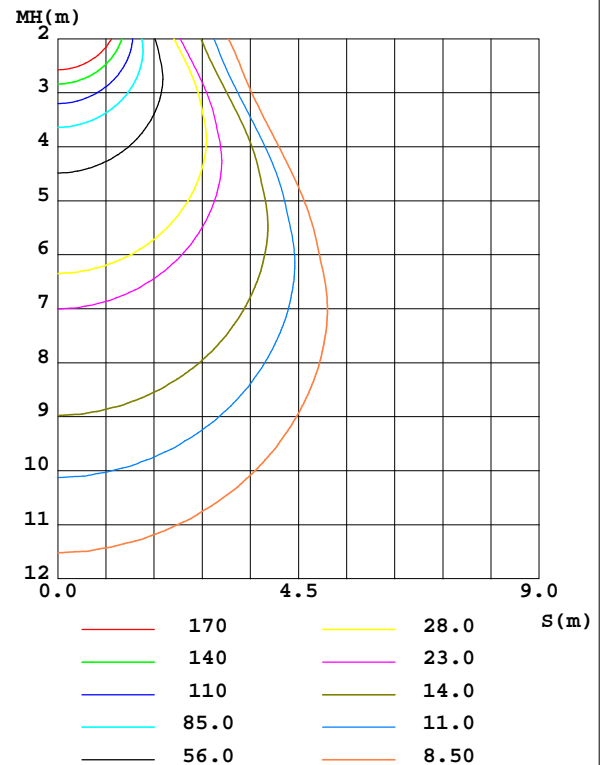
Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 103.37 lm/W
MODEL		Imax(cd)	1132	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	22	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2423.3	$\eta$ UP,DN(C0-180)	3.0,46.3	
NOMINAL FLUX(lm)	2423.33	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	2.9,47.8	
LAMPS INSIDE	1	$\eta$ up(%)	5.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	$\eta$ down(%)	94.1	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [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	1102	1105	1106	1107	1113	1112	1110	1109	0- 10	106.8	106.8	4.41,4.41
20	1033	1037	1039	1040	1054	1048	1047	1044	10- 20	304.9	411.7	17,17
30	903.1	911.3	914.7	914.4	938.0	925.6	926.2	922.5	20- 30	454.8	866.5	35.8,35.8
40	630.1	651.1	667.6	662.5	706.5	680.4	688.2	683.2	30- 40	508.7	1375	56.7,56.7
50	301.4	347.9	386.2	358.8	347.7	366.0	401.8	363.4	40- 50	378.4	1754	72.4,72.4
60	209.7	202.9	188.3	205.8	230.2	212.4	207.7	208.6	50- 60	249.4	2003	82.7,82.7
70	108.3	107.6	112.3	111.6	123.3	114.1	106.4	114.9	60- 70	151.9	2155	88.9,88.9
80	52.97	54.02	56.73	57.02	65.86	65.11	65.03	61.67	70- 80	93.25	2248	92.8,92.8
90	1.391	1.404	1.349	1.128	3.838	1.601	1.640	1.574	80- 90	32.72	2281	94.1,94.1
100	6.315	5.905	5.799	5.663	4.752	5.365	5.820	5.524	90-100	3.231	2284	94.2,94.2
110	15.29	15.01	14.33	13.86	12.49	13.47	13.86	14.23	100-110	10.17	2294	94.7,94.7
120	24.27	24.27	23.78	23.39	22.02	23.04	23.33	23.86	110-120	18.76	2313	95.4,95.4
130	30.44	30.53	30.32	29.52	28.73	29.49	29.81	30.22	120-130	23.89	2337	96.4,96.4
140	35.93	36.09	35.88	35.47	34.84	35.53	35.75	36.06	130-140	25.45	2362	97.5,97.5
150	39.80	40.15	39.94	40.02	38.92	39.50	40.38	40.04	140-150	23.76	2386	98.5,98.5
160	42.43	42.81	42.53	42.78	41.68	42.21	43.00	42.62	150-160	19.09	2405	99.2,99.2
170	52.79	53.04	52.98	53.01	50.97	51.69	52.30	52.34	160-170	13.02	2418	99.8,99.8
180	56.60	56.63	57.13	57.42	56.54	56.63	57.16	57.41	170-180	5.197	2423	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1586 lm

%lum = 65.4%

%lamp = 65.4%

Conical surface Flux(130deg): 2089 lm

%lum = 86.2%

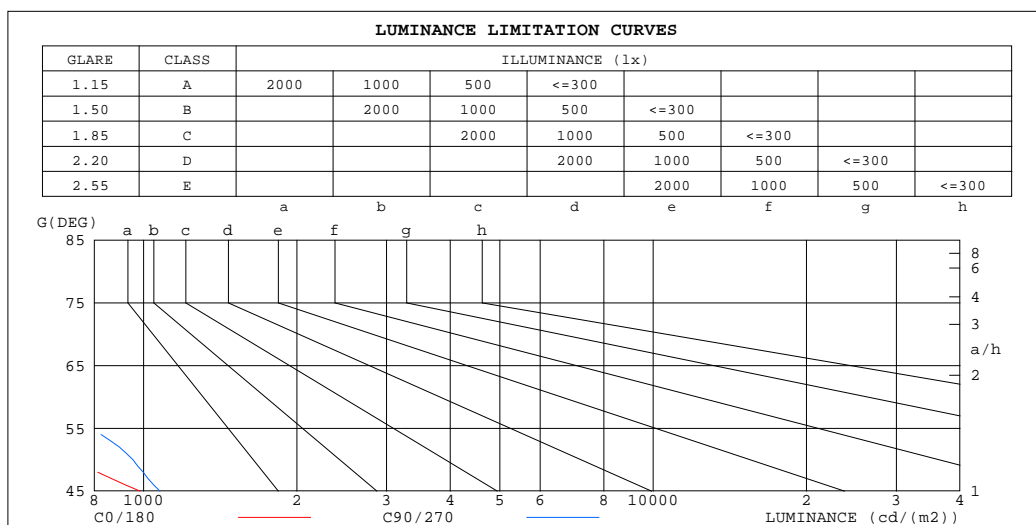
%lamp = 86.2%

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



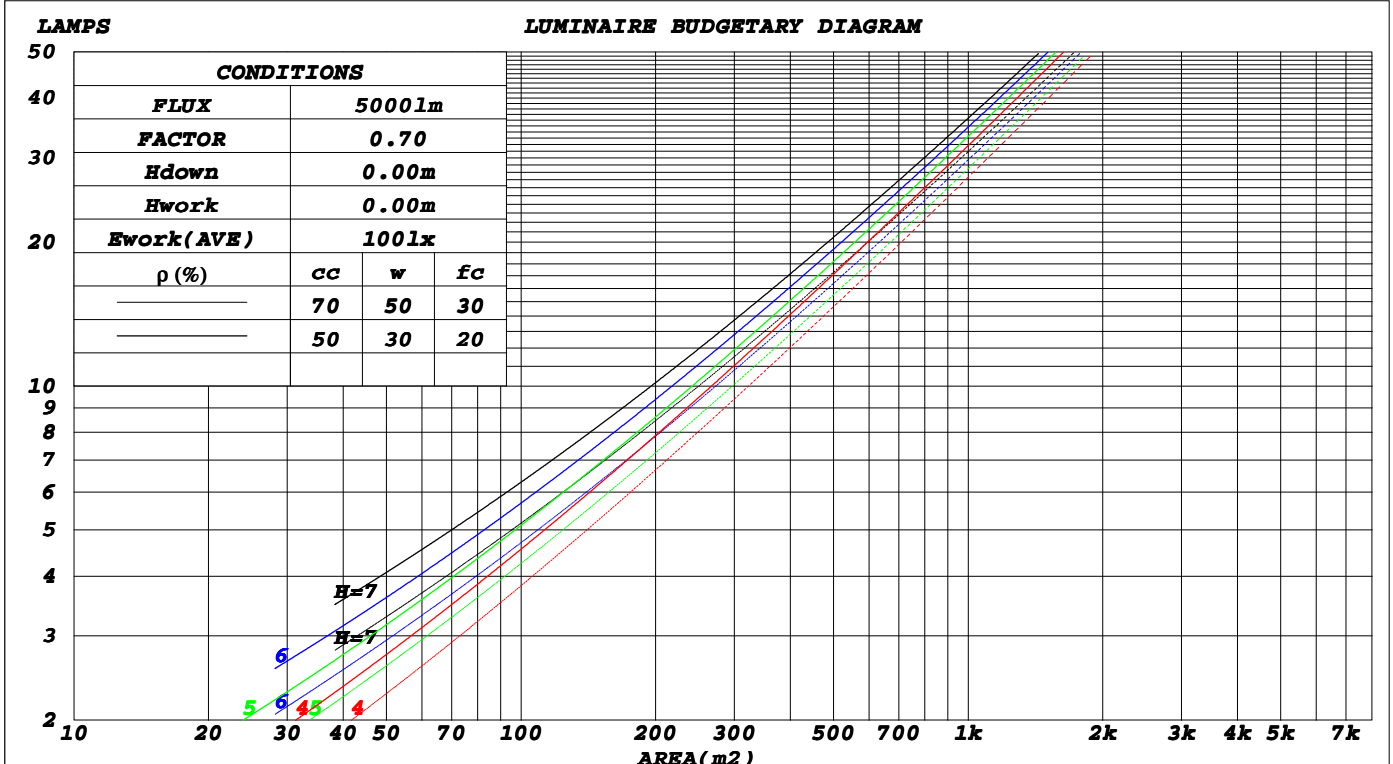
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1.0	1.05	1.01	.98	1.02	.99	.96	.97	.94	.92	.92	.90	.88	.87	.86	.84	.82
2.0	.93	.88	.83	.91	.86	.81	.87	.82	.78	.83	.79	.76	.79	.76	.73	.71
3.0	.84	.77	.71	.82	.75	.70	.78	.73	.68	.75	.70	.66	.71	.68	.64	.62
4.0	.75	.68	.62	.74	.67	.61	.71	.64	.60	.68	.62	.58	.65	.61	.57	.55
5.0	.68	.60	.54	.67	.59	.54	.64	.58	.53	.62	.56	.52	.59	.55	.51	.49
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.57	.51	.46	.54	.49	.45	.43
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.50	.45	.41	.39
8.0	.52	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.47	.41	.37	.36
9.0	.48	.41	.36	.48	.40	.35	.46	.40	.35	.45	.39	.35	.43	.38	.34	.32
10.0	.45	.38	.33	.44	.37	.32	.43	.36	.32	.42	.36	.32	.40	.35	.31	.30



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.264	.150	.048	.255	.146	.046	.239	.137	.044	.224	.129	.041	.210	.122	.039															
2.0	.250	.137	.042	.242	.133	.041	.227	.126	.039	.214	.120	.038	.202	.114	.036															
3.0	.233	.124	.037	.226	.121	.037	.214	.116	.035	.202	.111	.034	.191	.106	.033															
4.0	.218	.113	.033	.212	.111	.033	.200	.106	.032	.190	.102	.031	.180	.098	.030															
5.0	.203	.104	.030	.198	.102	.030	.188	.098	.029	.178	.094	.028	.169	.090	.027															
6.0	.191	.096	.027	.186	.094	.027	.176	.090	.026	.168	.087	.026	.160	.084	.025															
7.0	.179	.088	.025	.175	.087	.025	.166	.084	.024	.158	.081	.024	.151	.078	.023															
8.0	.168	.082	.023	.165	.081	.023	.157	.078	.022	.150	.076	.022	.143	.073	.021															
9.0	.159	.077	.021	.155	.076	.021	.149	.073	.021	.142	.071	.020	.136	.069	.020															
10.0	.150	.072	.020	.147	.071	.020	.141	.069	.019	.135	.067	.019	.129	.065	.019															

$\rho_{cc}$	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                      Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.235	.235	.235	.201	.201	.201	.137	.137	.137	.079	.079	.079	.025	.025	.025	
1.0	.222	.202	.183	.190	.173	.158	.130	.119	.109	.075	.069	.063	.024	.022	.021	
2.0	.212	.178	.149	.182	.153	.128	.125	.106	.090	.072	.062	.053	.023	.020	.017	
3.0	.203	.160	.125	.174	.138	.109	.120	.096	.076	.069	.056	.045	.022	.018	.015	
4.0	.195	.146	.109	.167	.126	.095	.115	.088	.067	.067	.052	.039	.021	.017	.013	
5.0	.188	.136	.097	.161	.117	.085	.111	.082	.060	.064	.048	.035	.021	.016	.012	
6.0	.181	.127	.089	.155	.110	.077	.107	.077	.055	.062	.045	.032	.020	.015	.011	
7.0	.174	.120	.082	.150	.104	.072	.104	.073	.051	.060	.043	.030	.019	.014	.010	
8.0	.168	.114	.077	.145	.099	.067	.100	.070	.048	.058	.041	.029	.019	.013	.009	
9.0	.163	.109	.073	.140	.095	.064	.097	.067	.046	.057	.039	.027	.018	.013	.009	
10.0	.158	.105	.070	.136	.091	.061	.094	.064	.044	.055	.038	.026	.018	.012	.009	

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3℃**  
**Operators:Mr.Ma**  
**Test Date: 2024 8.12**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

**UGR(Unified Glare Rating) Table**

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm											
NAME: LED346 (22W 4000K) Uplight brighter					TYPE: 调光双色中性白白色			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.:			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		7.6	8.9	7.9	9.2	9.5	7.5	8.7	7.8	9.0	9.3
3H		8.3	9.5	8.7	9.8	10.2	8.2	9.4	8.6	9.7	10.1
4H		8.7	9.9	9.1	10.2	10.6	8.7	9.9	9.1	10.2	10.6
6H		9.1	10.2	9.5	10.5	10.9	9.2	10.2	9.6	10.6	10.9
8H		9.2	10.2	9.6	10.6	11.0	9.3	10.3	9.7	10.7	11.1
12H		9.3	10.3	9.7	10.7	11.1	9.4	10.4	9.9	10.8	11.2
4H 2H		7.8	8.9	8.2	9.3	9.6	7.7	8.8	8.1	9.2	9.5
3H		8.8	9.7	9.2	10.1	10.5	8.7	9.7	9.2	10.1	10.5
4H		9.4	10.2	9.8	10.7	11.1	9.4	10.3	9.8	10.7	11.1
6H		9.9	10.7	10.4	11.1	11.6	10.0	10.7	10.4	11.2	11.7
8H		10.1	10.8	10.6	11.2	11.7	10.2	10.9	10.7	11.4	11.9
12H		10.2	10.8	10.7	11.3	11.9	10.4	11.0	10.9	11.5	12.0
8H 4H		9.6	10.3	10.1	10.8	11.3	9.6	10.3	10.1	10.8	11.3
6H		10.2	10.8	10.8	11.3	11.9	10.3	10.9	10.9	11.4	12.0
8H		10.5	11.0	11.1	11.5	12.1	10.6	11.2	11.2	11.7	12.3
12H		10.7	11.2	11.3	11.7	12.3	10.9	11.4	11.5	11.9	12.5
12H 4H		9.6	10.2	10.1	10.7	11.2	9.6	10.2	10.1	10.7	11.3
6H		10.3	10.8	10.8	11.3	11.9	10.4	10.9	10.9	11.4	12.0
8H		10.6	11.1	11.2	11.6	12.2	10.7	11.2	11.3	11.7	12.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.4 / - 0.5					+ 0.4 / - 0.4				
1.5H		+ 0.4 / - 0.6					+ 0.5 / - 0.3				
2.0H		+ 0.6 / - 0.8					+ 0.6 / - 0.6				

CIE Pub.117, 2423 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 3.1$ )  
Area: 0.63 m<sup>2</sup>

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3℃**  
**Operators:Mr.Ma**  
**Test Date: 2024 8.12**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459**  
**Humidity:65.0%**  
**Test Distance:6.100m [K=1.0000]**  
**Remarks:**

## UTILIZATION FACTORS TABLE

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

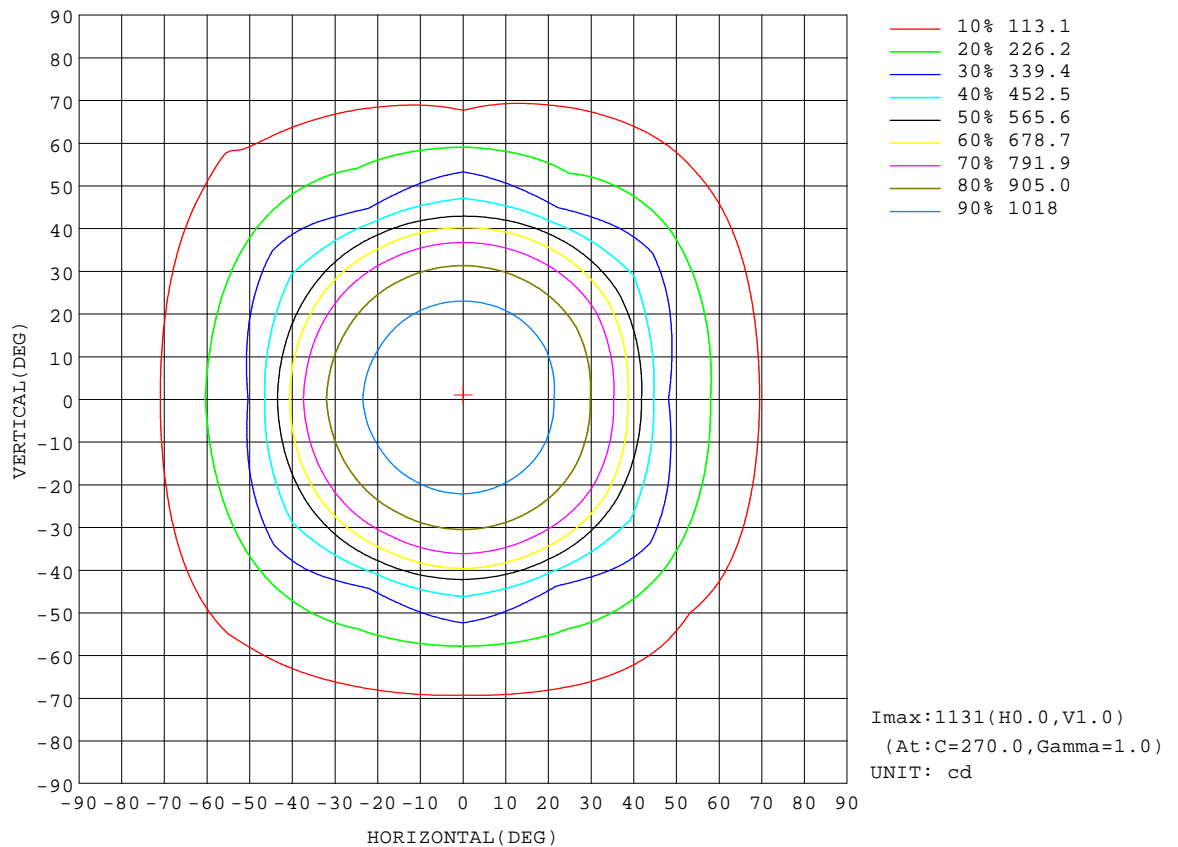
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	54	49	62	54	48	42
0.80	74	64	58	73	64	58	71	63	57	51
1.00	82	72	66	80	72	66	78	72	65	58
1.25	88	79	73	86	78	73	83	76	71	64
1.50	92	84	78	90	83	77	87	81	76	68
2.00	98	91	85	96	89	84	92	86	82	74
2.50	101	94	89	99	93	88	94	89	86	77
3.00	104	98	93	101	96	92	96	92	89	79
4.00	107	102	98	104	100	96	99	96	93	83
5.00	109	105	101	106	102	99	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

**C Range:** 0 - 360DEG  
**C Interval:** 30.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3℃  
**Operators:** Mr.Ma  
**Test Date:** 2024 8.12

**γ Range:** 0 - 180DEG  
**γ Interval:** 1.0DEG  
**Test System:** EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
**Humidity:** 65.0%  
**Test Distance:** 6.100m [K=1.0000]  
**Remarks:**

## ISOCANDELA DIAGRAM

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Mr.Ma  
Test Date: 2024 8.12

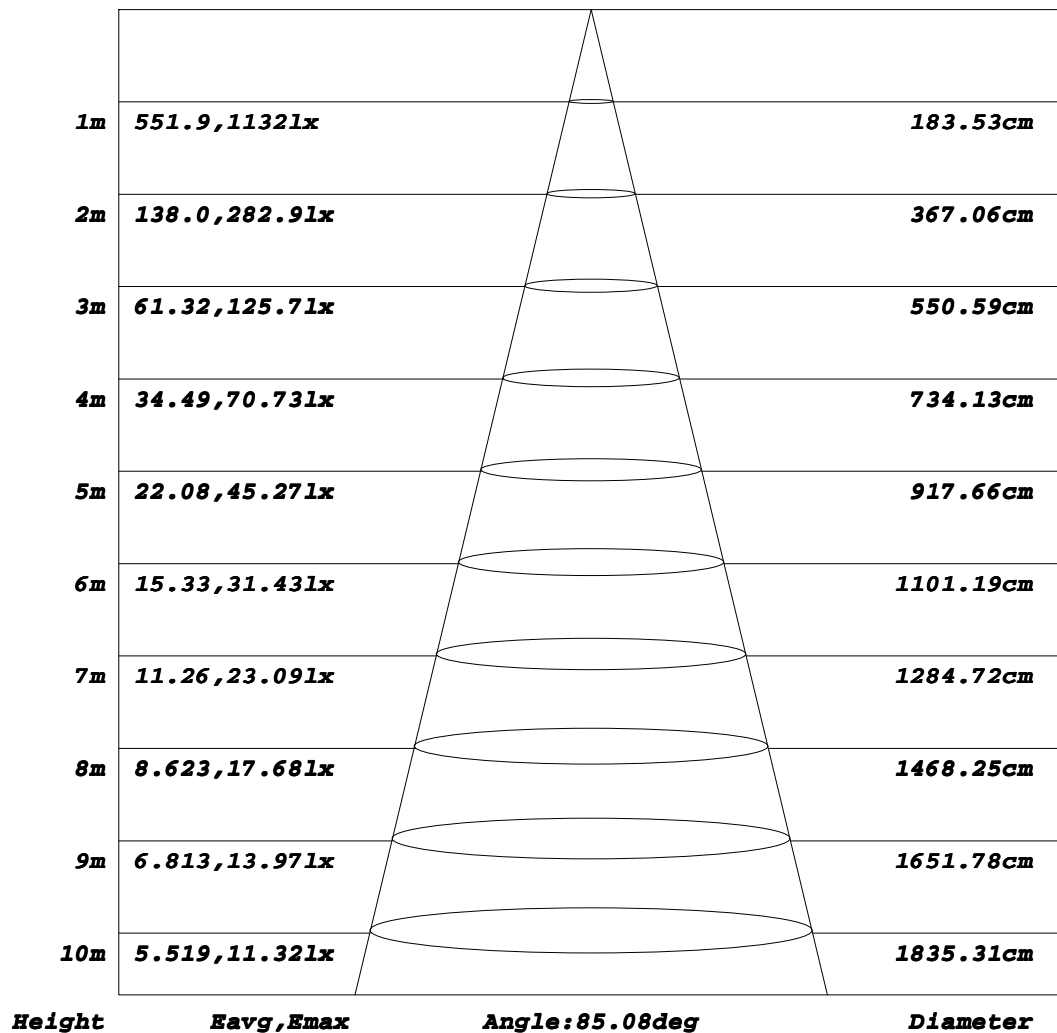
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:



AAI Figure

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1508 lm



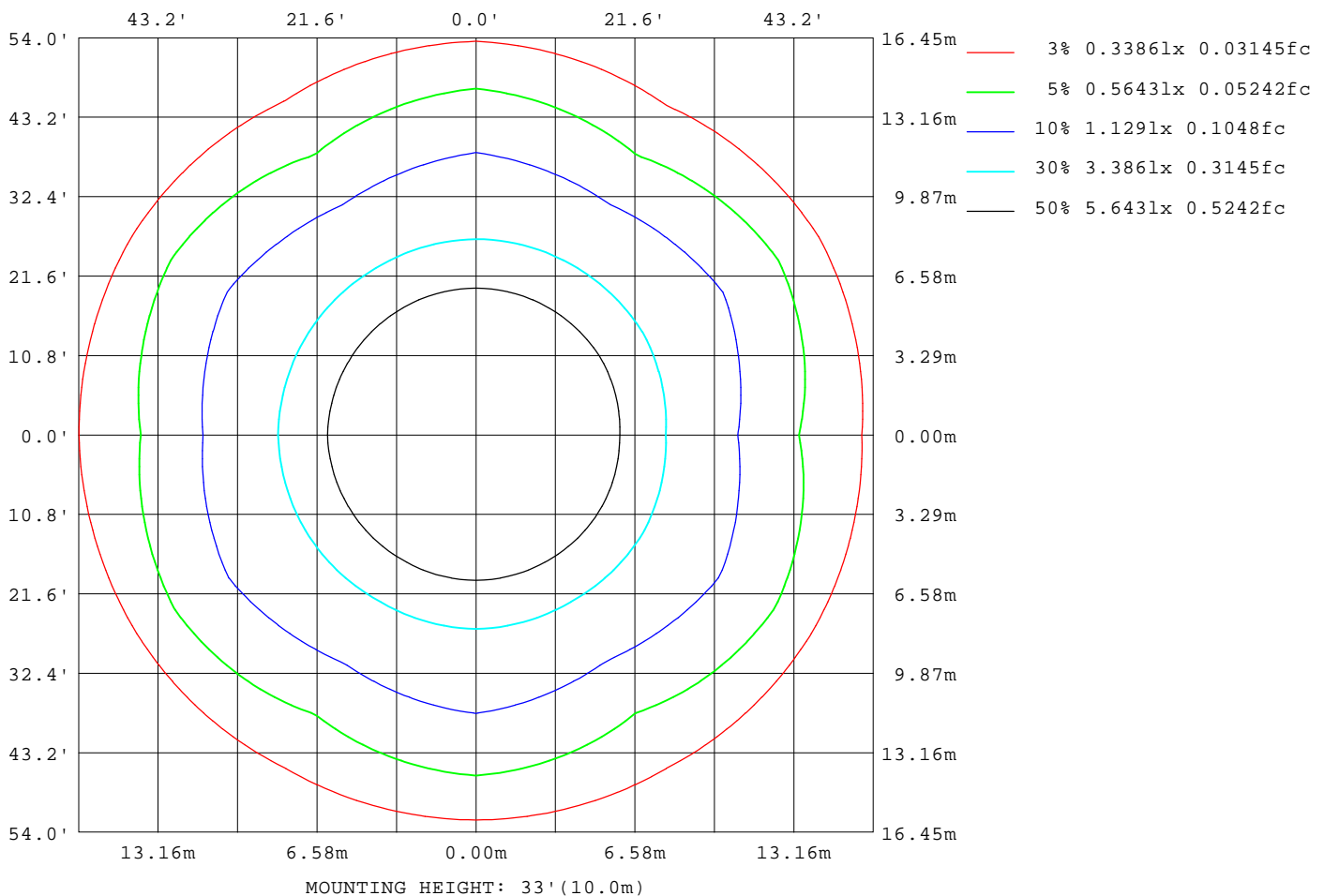
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

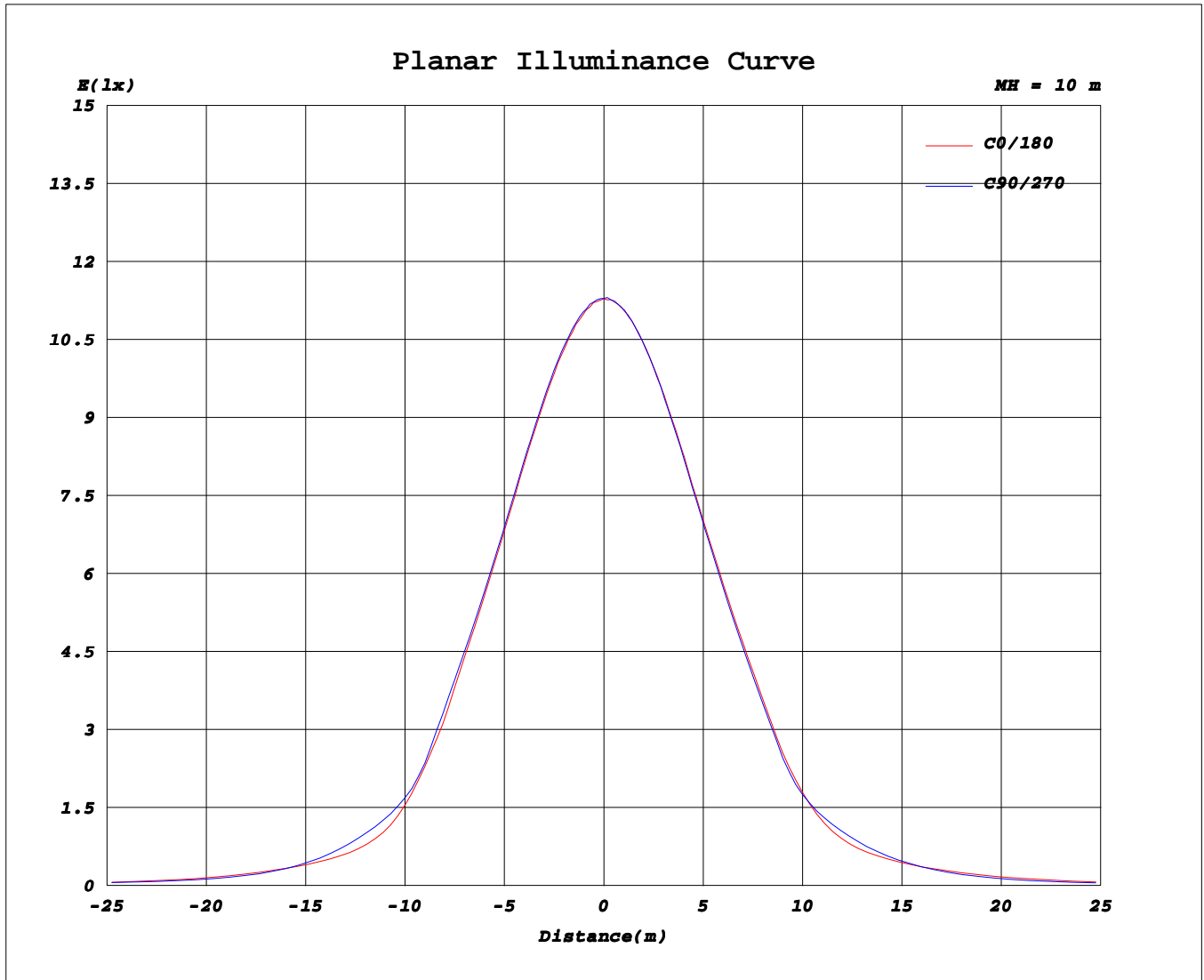
AvgL	cd/m2
L_0~180(65)av	631
L_0~180(75)av	525
L_0~180(85)av	549
L_90~270(65)av	501
L_90~270(75)av	594
L_90~270(85)av	597
L_45(65)av	564
L_45(75)av	548
L_45(85)av	566

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 6.100m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.12V I:0.1043A P:23.443W PF:0.9767 Freq:50.00Hz Lamp Flux:2423.33x1 lm		
NAME: LED346 (22W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°) \ γ (°)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130							
5	1121	1122	1123	1123	1124	1124	1127	1126	1126	1125	1126	1124							
10	1102	1104	1106	1106	1106	1108	1113	1112	1112	1110	1110	1108							
15	1073	1076	1078	1079	1079	1080	1089	1085	1086	1085	1085	1081							
20	1033	1035	1038	1039	1039	1041	1054	1047	1049	1047	1047	1042							
25	977	982	982	986	983	988	1003	995	996	996	994	991							
30	903	911	911	915	910	919	938	927	925	926	923	922							
35	801	818	813	820	810	827	849	836	828	833	829	830							
40	630	659	643	668	646	679	706	690	671	688	682	684							
45	439	490	437	480	447	508	508	510	474	496	473	512							
50	301	400	296	386	304	414	348	422	310	402	313	413							
55	248	300	242	284	244	309	274	323	247	304	242	313							
60	210	197	209	188	207	205	230	214	211	208	204	213							
65	158	130	158	132	157	138	178	137	169	135	169	143							
70	108	106	109	112	109	114	123	115	113	106	118	111							
75	82.9	90.2	83.8	94.2	82.9	97.9	88.2	102	83.7	99.6	81.1	95.6							
80	53.0	51.7	56.4	56.7	55.1	58.9	65.9	66.5	63.7	65.0	62.4	60.9							
85	23.8	27.2	27.8	29.1	25.7	32.3	36.5	36.4	33.7	36.4	33.3	32.4							
90	1.39	1.39	1.42	1.35	1.19	1.07	3.84	1.63	1.57	1.64	1.67	1.48							
95	3.09	2.91	2.93	2.92	2.77	2.49	2.04	2.38	2.59	2.83	2.68	2.80							
100	6.31	5.89	5.92	5.80	5.87	5.46	4.75	5.22	5.51	5.82	5.42	5.63							
105	10.4	10.2	10.0	9.61	9.75	9.06	8.31	8.96	9.38	9.49	9.55	9.67							
110	15.3	15.2	14.8	14.3	14.2	13.5	12.5	13.2	13.7	13.9	14.1	14.4							
115	20.1	20.3	19.8	19.4	19.1	18.6	17.2	18.1	18.5	18.6	18.9	19.4							
120	24.3	24.5	24.0	23.8	23.6	23.2	22.0	22.9	23.2	23.3	23.6	24.1							
125	27.1	27.3	27.1	27.0	26.9	25.9	25.4	26.1	26.4	26.5	26.8	27.2							
130	30.4	30.6	30.5	30.3	29.9	29.2	28.7	29.2	29.8	29.8	30.1	30.4							
135	33.4	33.6	33.6	33.4	32.9	32.4	32.0	32.4	33.1	32.9	33.2	33.4							
140	35.9	36.1	36.1	35.9	35.8	35.1	34.8	35.2	35.9	35.7	36.0	36.1							
145	38.1	38.2	38.3	38.0	38.2	37.6	37.0	37.4	37.9	38.2	38.2	38.4							
150	39.8	40.1	40.2	39.9	40.2	39.8	38.9	39.3	39.7	40.4	40.0	40.1							
155	41.3	41.7	41.7	41.4	41.7	41.5	40.5	40.8	41.3	41.9	41.5	41.5							
160	42.4	42.9	42.8	42.5	42.9	42.7	41.7	42.0	42.5	43.0	42.6	42.6							
165	46.7	46.8	46.8	46.7	46.6	46.0	43.7	44.3	44.5	45.4	44.9	45.5							
170	52.8	53.1	53.0	53.0	53.0	53.0	51.0	51.7	51.7	52.3	52.0	52.6							
175	55.4	55.7	55.6	55.8	56.0	56.1	54.4	54.7	55.0	55.2	55.3	55.7							
180	56.6	56.8	56.5	57.1	57.3	57.5	56.5	56.8	56.5	57.2	57.2	57.6							

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 2024 8.12

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459

Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks: