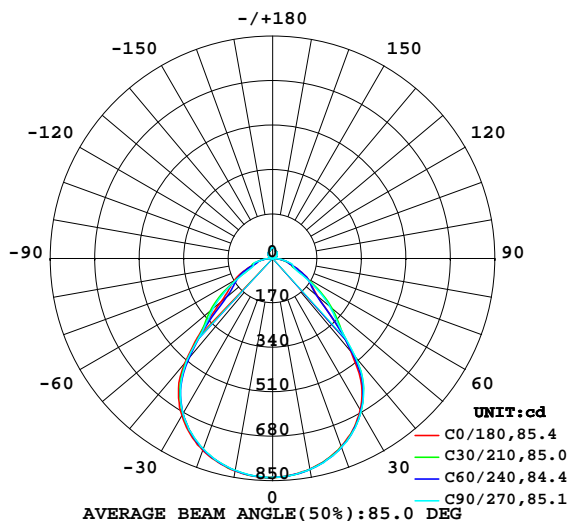


## LUMINAIRE PHOTOMETRIC TEST REPORT

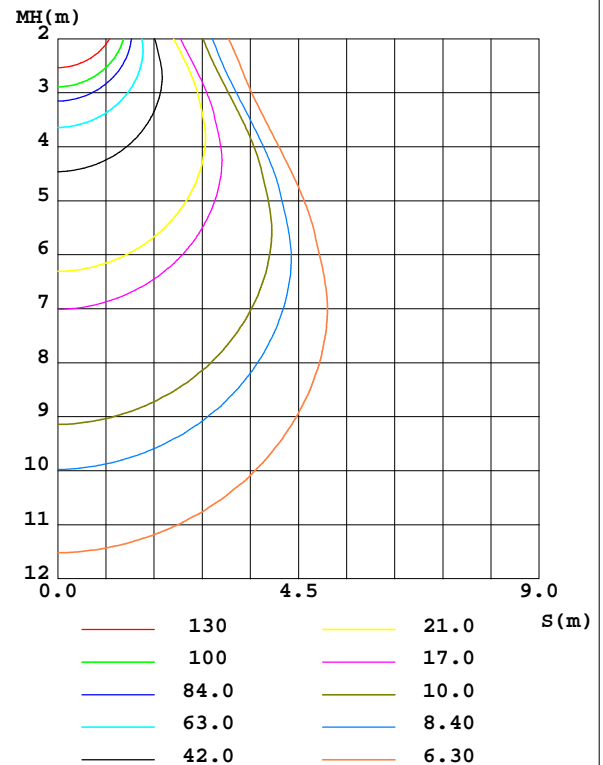
Test:U:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 97.95 lm/W
MODEL		Imax(cd)	838.6	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	17	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1796.9	$\eta$ UP,DN(C0-180)	3.0,46.2	
NOMINAL FLUX(lm)	1796.85	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	3.0,47.8	
LAMPS INSIDE	1	$\eta$ up(%)	6.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	$\eta$ down(%)	94.0	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	817.4	819.0	819.0	819.8	825.7	823.4	822.7	821.7	0- 10	79.14	79.14	4.4,4.4
20	765.2	768.1	768.6	769.9	781.2	776.3	775.5	774.0	10- 20	225.9	305.1	17,17
30	668.4	674.7	675.9	676.9	694.6	685.9	685.4	684.0	20- 30	336.9	642.0	35.7,35.7
40	466.2	483.0	493.9	490.4	524.1	504.5	510.4	506.8	30- 40	376.8	1019	56.7,56.7
50	223.6	257.8	285.0	265.6	257.8	271.3	297.2	269.6	40- 50	280.4	1299	72.3,72.3
60	155.4	150.6	139.0	151.9	170.6	157.4	153.2	154.6	50- 60	184.7	1484	82.6,82.6
70	80.26	79.62	83.07	82.52	90.59	84.35	78.60	85.00	60- 70	112.0	1596	88.8,88.8
80	39.19	40.01	41.99	42.13	48.84	47.58	47.14	45.11	70- 80	68.83	1665	92.6,92.6
90	1.050	1.053	1.018	0.8488	2.793	1.208	1.249	1.225	80- 90	24.20	1689	94,94
100	4.763	4.445	4.380	4.307	3.657	4.090	4.394	4.187	90-100	2.447	1691	94.1,94.1
110	11.59	11.32	10.79	10.51	9.515	10.25	10.47	10.76	100-110	7.701	1699	94.6,94.6
120	18.42	18.29	17.93	17.73	16.78	17.47	17.64	18.02	110-120	14.19	1713	95.3,95.3
130	23.03	22.98	22.88	22.44	21.90	22.42	22.53	22.89	120-130	18.08	1731	96.4,96.4
140	27.13	27.12	27.08	26.96	26.54	27.00	27.04	27.30	130-140	19.27	1751	97.4,97.4
150	30.04	30.15	30.18	30.46	29.61	30.07	30.51	30.29	140-150	18.00	1769	98.4,98.4
160	31.99	32.15	32.15	32.57	31.66	32.14	32.52	32.20	150-160	14.45	1783	99.2,99.2
170	39.74	40.08	40.17	40.23	38.49	39.26	39.56	39.57	160-170	9.855	1793	99.8,99.8
180	42.67	42.93	43.26	43.47	42.65	42.93	43.30	43.47	170-180	3.933	1797	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 1175 lm

%lum = 65.4%

%lamp = 65.4%

Conical surface Flux(130deg): 1547.5 lm

%lum = 86.1%

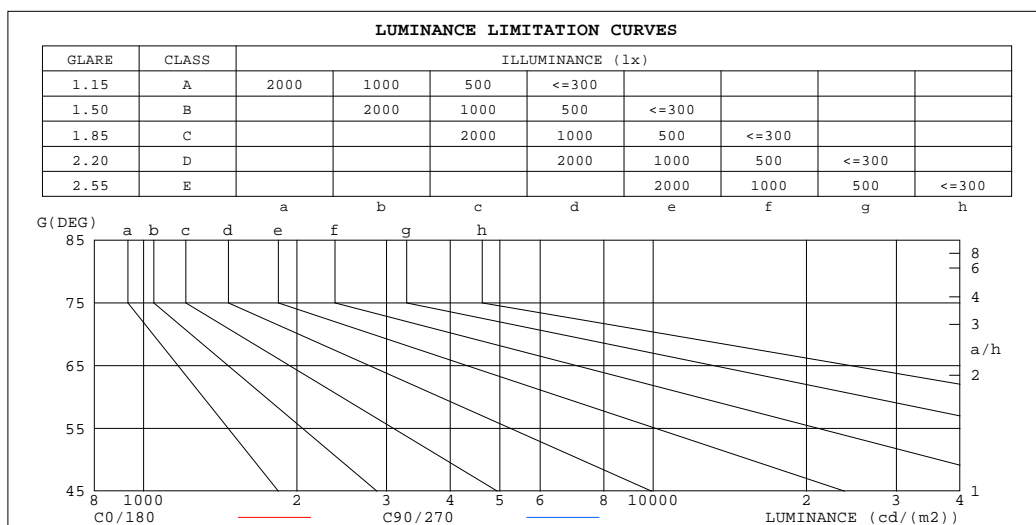
%lamp = 86.1%

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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



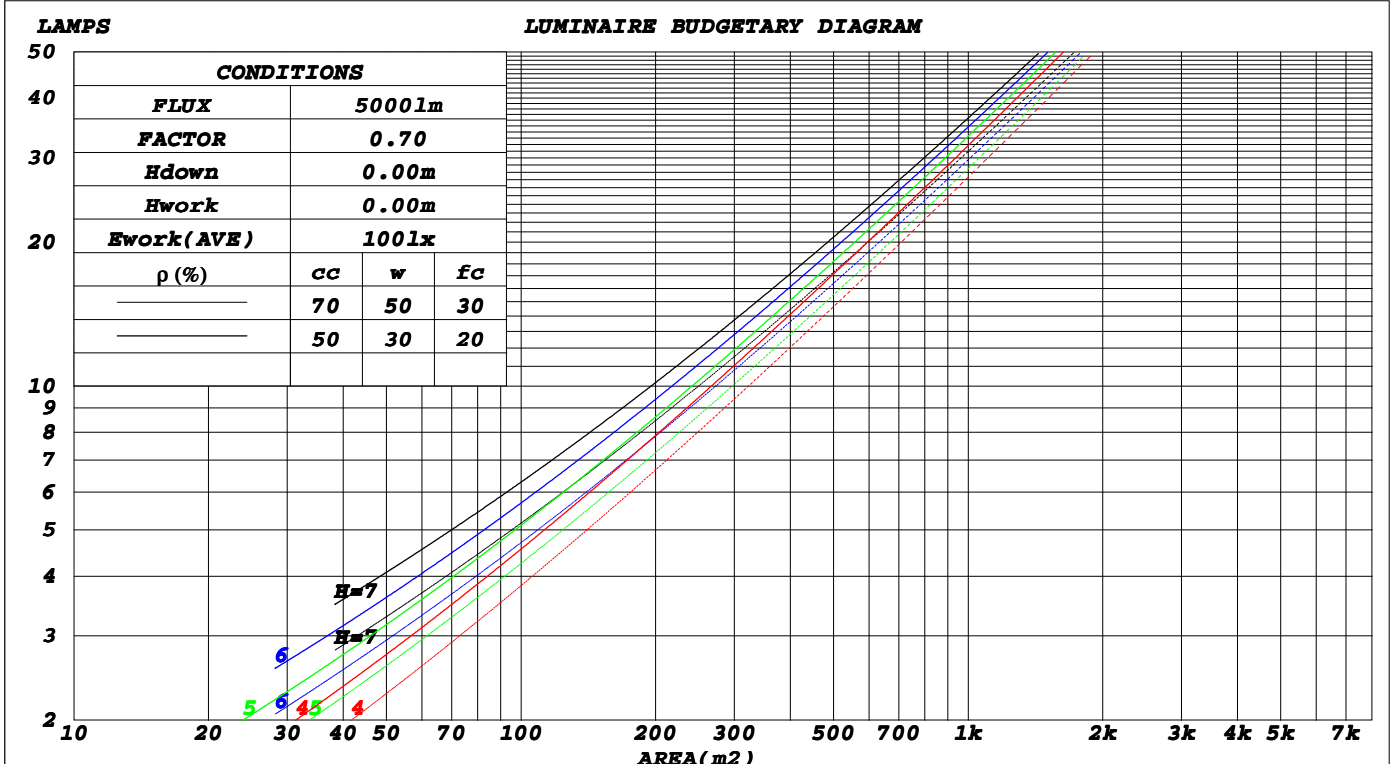
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Mr.Ma  
Test Date: 2024 8.12

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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	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	.72	.68	.75	.70	.66	.71	.68	.64	.62
4.0	.75	.68	.62	.74	.67	.61	.71	.64	.60	.68	.62	.58	.65	.60	.57	.55
5.0	.68	.60	.54	.67	.59	.54	.64	.58	.53	.62	.56	.52	.59	.54	.51	.49
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.56	.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	.46	.41	.37	.35
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	.41	.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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	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	.249	.137	.042	.242	.133	.041	.227	.126	.039	.214	.120	.038	.202	.114	.036															
3.0	.233	.124	.037	.226	.121	.036	.213	.116	.035	.202	.110	.034	.191	.105	.033															
4.0	.218	.113	.033	.211	.111	.033	.200	.106	.032	.189	.102	.031	.179	.098	.030															
5.0	.203	.104	.030	.198	.102	.030	.188	.098	.029	.178	.094	.028	.169	.090	.027															
6.0	.190	.095	.027	.186	.094	.027	.176	.090	.026	.168	.087	.026	.160	.084	.025															
7.0	.179	.088	.025	.174	.087	.025	.166	.084	.024	.158	.081	.024	.151	.078	.023															
8.0	.168	.082	.023	.164	.081	.023	.157	.078	.022	.150	.076	.022	.143	.073	.021															
9.0	.159	.077	.021	.155	.076	.021	.148	.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	.236	.236	.236	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.223	.203	.184	.191	.174	.158	.131	.120	.110	.075	.069	.064	.024	.022	.021	
2.0	.213	.179	.150	.182	.154	.129	.125	.106	.090	.072	.062	.053	.023	.020	.017	
3.0	.204	.161	.126	.175	.139	.109	.120	.096	.077	.069	.056	.045	.022	.018	.015	
4.0	.196	.147	.110	.168	.127	.095	.116	.089	.067	.067	.052	.040	.022	.017	.013	
5.0	.189	.137	.098	.162	.118	.085	.112	.083	.060	.065	.048	.036	.021	.016	.012	
6.0	.182	.128	.090	.156	.111	.078	.108	.078	.055	.062	.046	.033	.020	.015	.011	
7.0	.175	.121	.083	.151	.105	.073	.104	.074	.051	.060	.043	.031	.020	.014	.010	
8.0	.169	.115	.078	.146	.100	.068	.101	.070	.048	.059	.041	.029	.019	.014	.010	
9.0	.164	.110	.074	.141	.096	.065	.098	.067	.046	.057	.040	.028	.018	.013	.009	
10.0	.159	.106	.071	.137	.092	.062	.095	.065	.044	.055	.038	.026	.018	.013	.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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm											
NAME: LED346 (17W 3000K) Uplight brighter					TYPE: 调光双色暖白白色			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	9.1	9.5	7.4	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	9.8	9.1	10.2	10.5	8.7	9.8	9.1	10.2	10.5
6H		9.1	10.1	9.5	10.5	10.9	9.1	10.2	9.6	10.5	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	10.2	9.7	10.6	11.0	9.4	10.4	9.9	10.8	11.2
4H 2H		7.8	8.9	8.2	9.2	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	9.1	10.1	10.5
4H		9.4	10.2	9.8	10.6	11.1	9.4	10.2	9.8	10.7	11.1
6H		9.9	10.6	10.3	11.1	11.6	9.9	10.7	10.4	11.2	11.6
8H		10.0	10.7	10.5	11.2	11.7	10.2	10.9	10.7	11.3	11.8
12H		10.2	10.8	10.7	11.3	11.8	10.4	11.0	10.9	11.5	12.0
8H 4H		9.6	10.3	10.1	10.7	11.2	9.6	10.3	10.1	10.7	11.2
6H		10.2	10.8	10.7	11.3	11.8	10.3	10.9	10.8	11.4	11.9
8H		10.5	11.0	11.0	11.5	12.1	10.6	11.1	11.2	11.7	12.2
12H		10.7	11.1	11.3	11.7	12.3	10.9	11.3	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	11.2
6H		10.3	10.8	10.8	11.3	11.9	10.3	10.9	10.9	11.4	12.0
8H		10.6	11.0	11.2	11.6	12.2	10.7	11.1	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, 1797 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.0$ )  
Area: 0.63 m2

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:

**UTILIZATION FACTORS TABLE**

Test:U:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

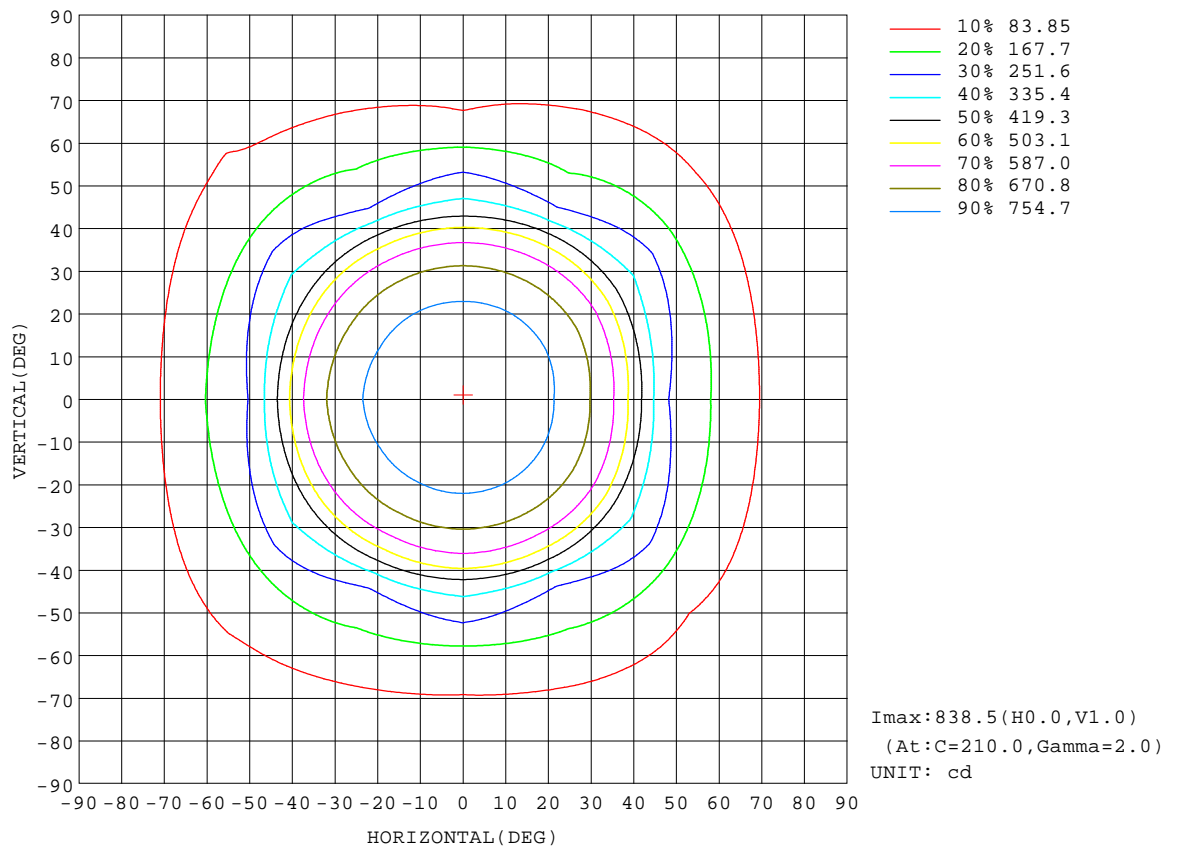
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	54	48	62	54	48	42
0.80	74	64	58	73	64	58	71	63	57	51
1.00	82	72	66	80	71	66	78	72	65	58
1.25	88	79	73	86	78	72	83	76	71	64
1.50	92	84	78	90	83	77	87	80	76	68
2.00	98	91	85	96	89	84	92	86	82	74
2.50	101	94	89	99	93	88	94	89	85	76
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					SHRNM = 1.25		

**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:**

## ISOCANDELA DIAGRAM

Test:U:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	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

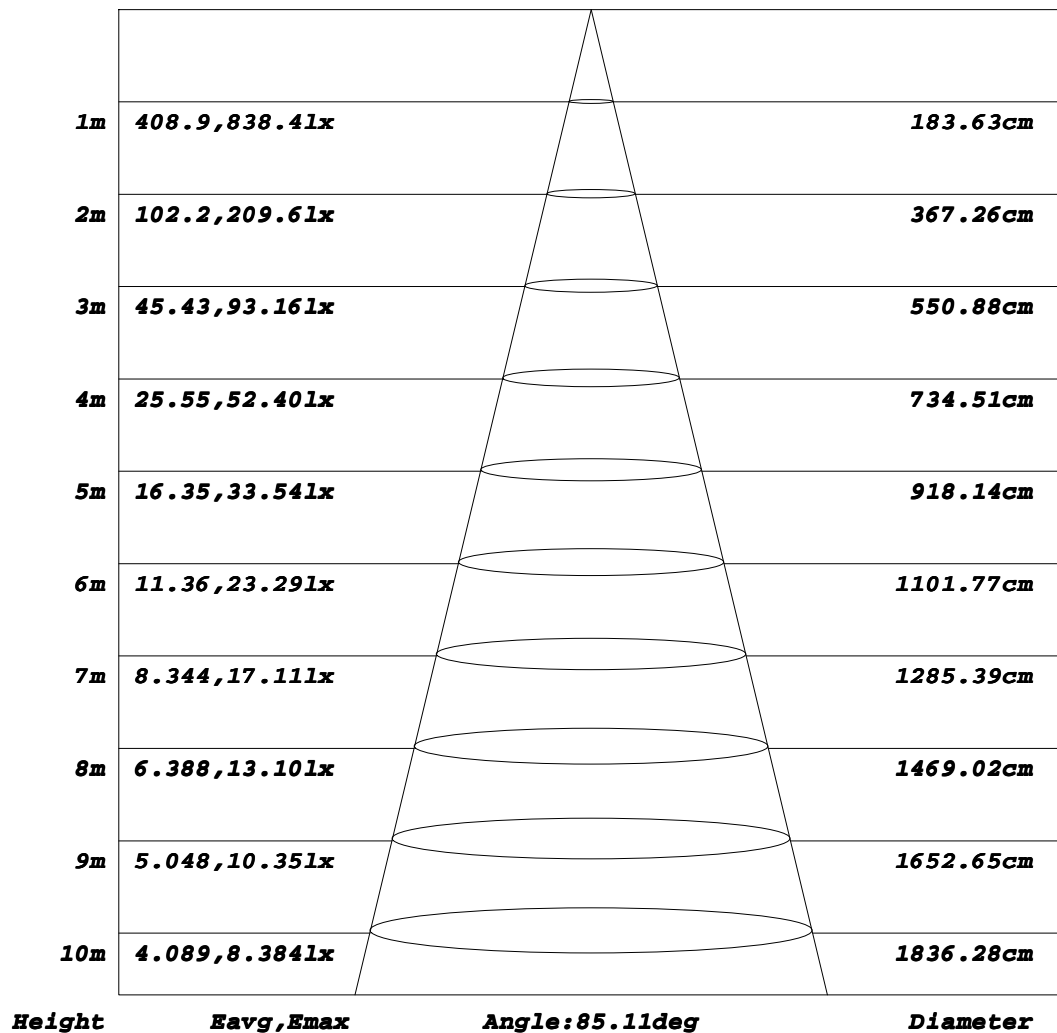
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:6.100m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**Flux out:1117 lm**



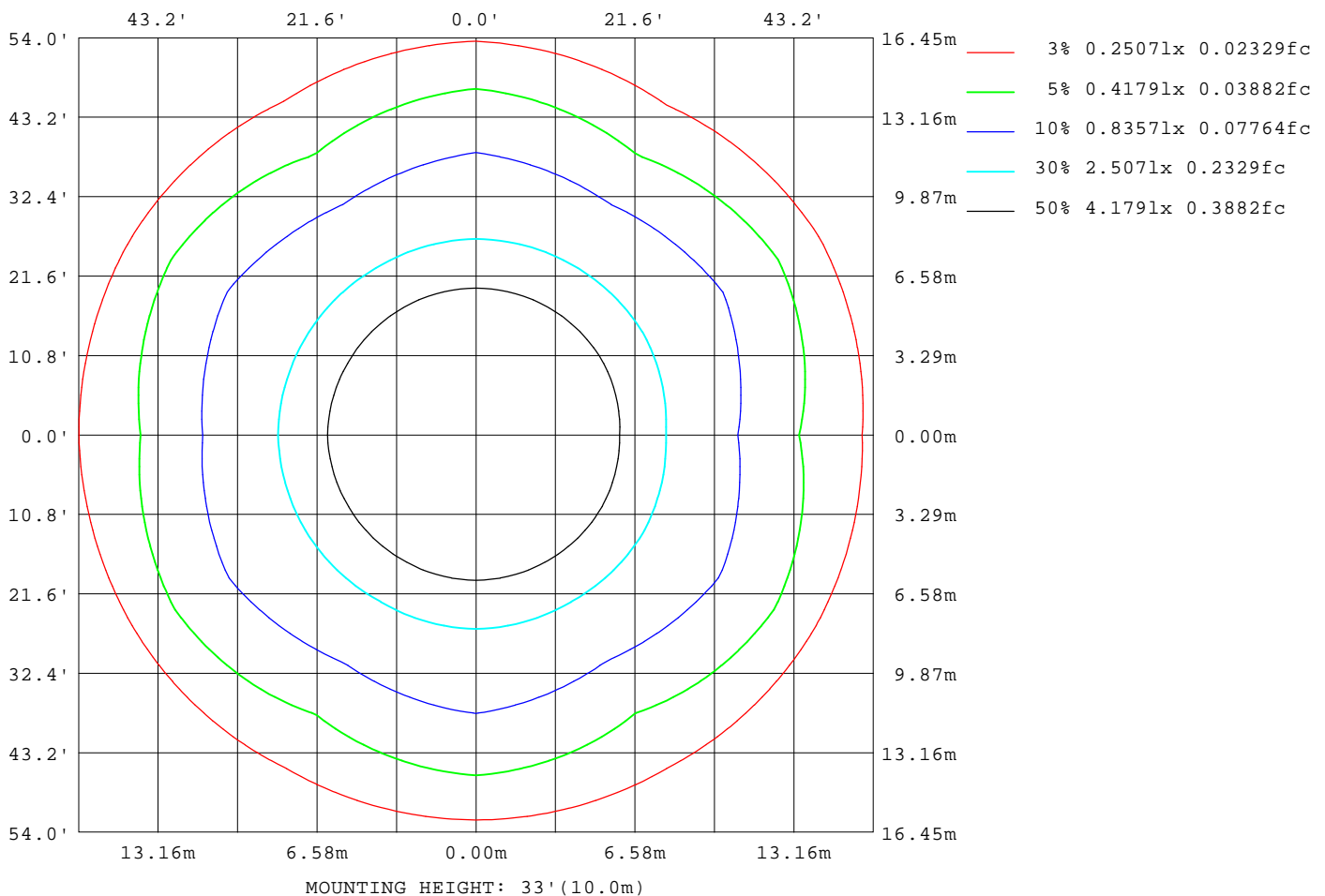
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

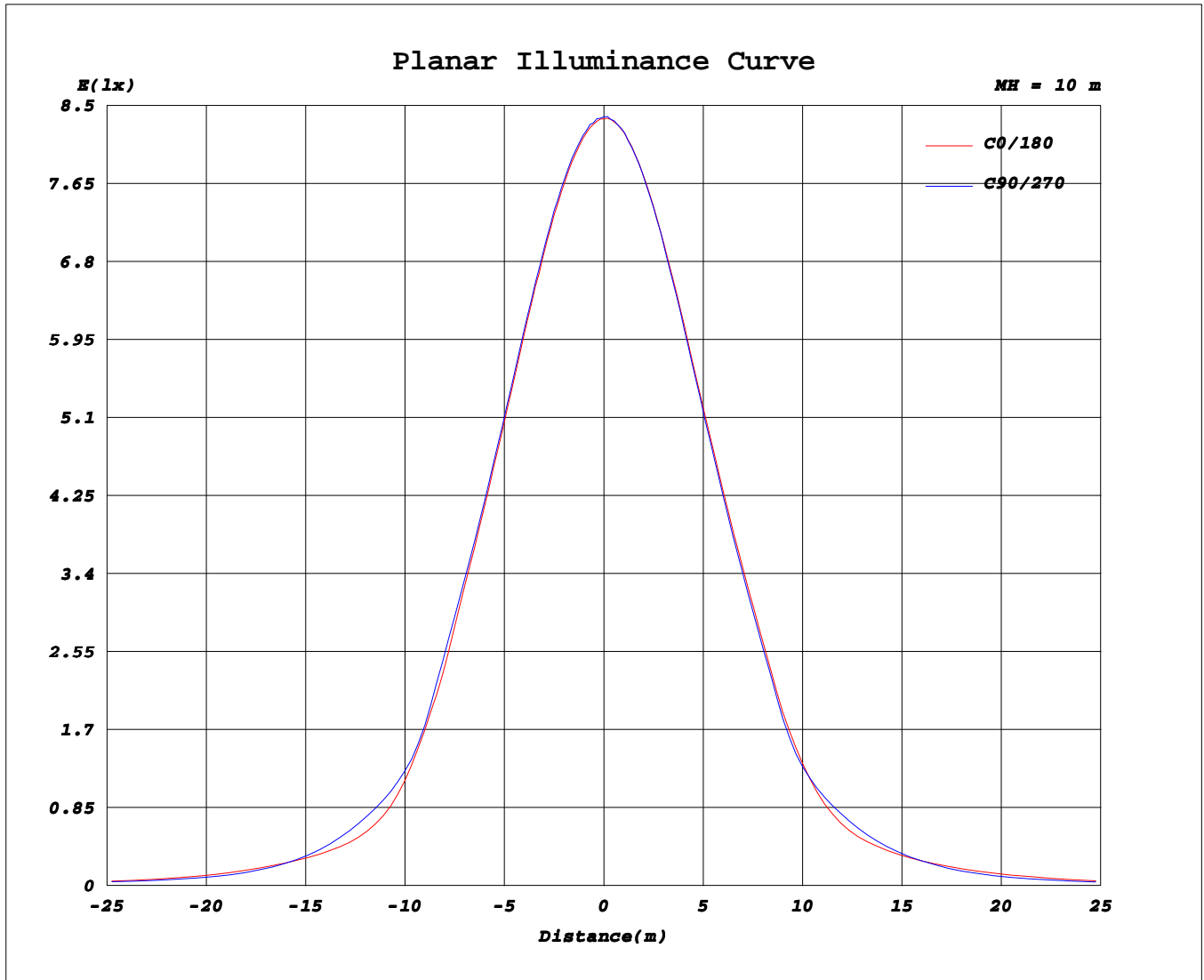
AvgL	cd/m2
L_0~180(65)av	468
L_0~180(75)av	386
L_0~180(85)av	408
L_90~270(65)av	367
L_90~270(75)av	439
L_90~270(85)av	440
L_45(65)av	415
L_45(75)av	405
L_45(85)av	419

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:230.21V I:0.0819A P:18.344W PF:0.9729 Freq:50.00Hz Lamp Flux:1796.85x1 lm		
NAME: LED346 (17W 3000K) Uplight brighter	TYPE: 调光双色暖白白色	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	837	837	837	837	837	837	837	837	837	837	837	837							
5	831	832	832	832	832	833	835	835	834	834	834	833							
10	817	819	819	819	819	821	826	823	824	823	822	821							
15	795	797	798	798	798	800	807	804	805	803	804	801							
20	765	767	769	769	769	771	781	776	777	775	776	772							
25	724	728	728	729	728	732	744	737	738	737	737	734							
30	668	675	674	676	673	680	695	687	685	685	685	683							
35	594	606	602	606	599	612	629	618	614	616	615	616							
40	466	489	476	494	478	503	524	512	497	510	507	506							
45	325	363	324	354	331	376	377	378	352	367	352	379							
50	224	296	219	285	225	307	258	312	230	297	233	306							
55	184	223	180	210	181	229	203	239	183	224	180	232							
60	155	146	155	139	153	151	171	158	156	153	152	157							
65	117	95.1	117	96.0	116	100	132	101	124	99.6	124	106							
70	80.3	78.9	80.4	83.1	80.4	84.6	90.6	85.4	83.3	78.6	87.5	82.5							
75	60.5	66.8	61.1	69.5	60.3	72.4	65.3	75.5	61.9	73.8	60.3	70.7							
80	39.2	38.3	41.8	42.0	40.6	43.7	48.8	48.2	46.9	47.1	46.3	43.9							
85	17.6	20.2	20.6	21.4	19.0	23.9	27.1	26.8	24.9	26.9	24.8	24.1							
90	1.05	1.04	1.07	1.02	0.90	0.80	2.79	1.22	1.19	1.25	1.34	1.11							
95	2.34	2.18	2.21	2.20	2.13	1.89	1.56	1.82	1.96	2.14	2.02	2.13							
100	4.76	4.43	4.46	4.38	4.47	4.14	3.66	3.98	4.20	4.39	4.11	4.26							
105	7.91	7.68	7.56	7.24	7.42	6.91	6.35	6.81	7.12	7.16	7.20	7.36							
110	11.6	11.5	11.2	10.8	10.8	10.2	9.52	10.1	10.4	10.5	10.6	10.9							
115	15.2	15.3	14.9	14.6	14.5	14.1	13.1	13.8	14.0	14.1	14.3	14.6							
120	18.4	18.5	18.1	17.9	17.9	17.5	16.8	17.4	17.5	17.6	17.8	18.2							
125	20.5	20.6	20.4	20.3	20.4	19.7	19.4	19.8	20.0	20.1	20.3	20.5							
130	23.0	23.0	22.9	22.9	22.7	22.2	21.9	22.2	22.6	22.5	22.8	23.0							
135	25.3	25.2	25.3	25.2	25.0	24.7	24.4	24.6	25.1	24.9	25.1	25.3							
140	27.1	27.1	27.2	27.1	27.2	26.7	26.5	26.8	27.2	27.0	27.2	27.4							
145	28.8	28.7	28.8	28.7	29.1	28.7	28.2	28.5	28.9	28.9	28.9	29.0							
150	30.0	30.0	30.3	30.2	30.6	30.3	29.6	29.9	30.2	30.5	30.3	30.3							
155	31.1	31.2	31.4	31.3	31.7	31.6	30.8	31.1	31.4	31.7	31.4	31.4							
160	32.0	32.1	32.2	32.1	32.6	32.5	31.7	32.0	32.3	32.5	32.2	32.2							
165	35.1	35.2	35.3	35.4	35.5	34.9	33.1	33.7	33.8	34.3	34.0	34.3							
170	39.7	40.0	40.2	40.2	40.3	40.2	38.5	39.2	39.3	39.6	39.4	39.8							
175	41.8	42.0	42.2	42.3	42.4	42.4	41.1	41.5	41.8	41.8	41.9	42.1							
180	42.7	43.0	42.9	43.3	43.4	43.5	42.7	43.0	42.9	43.3	43.4	43.5							

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

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