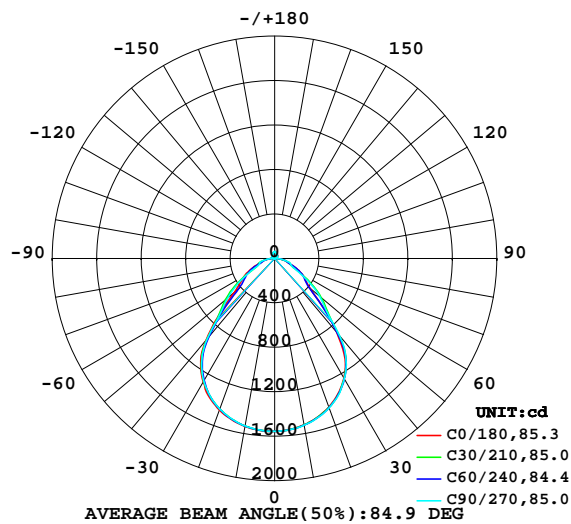


LUMINAIRE PHOTOMETRIC TEST REPORT

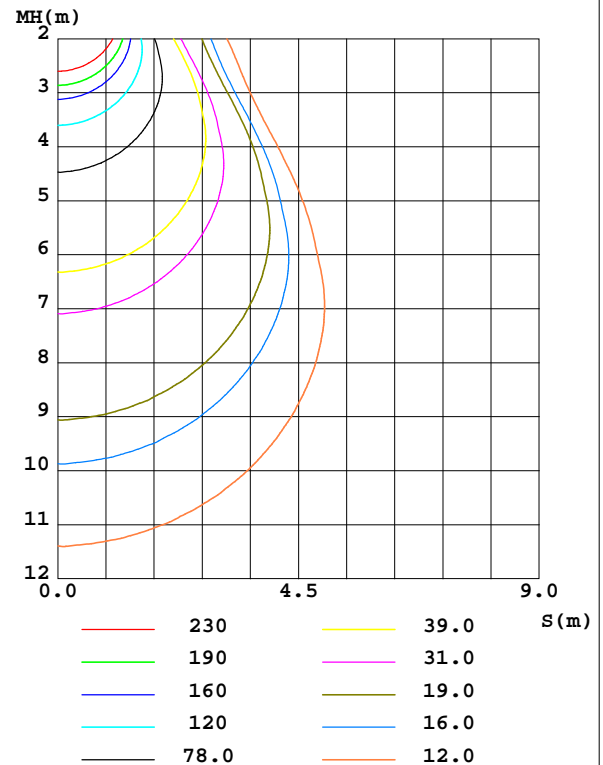
Test:U:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 102.43 lm/W
MODEL		Imax(cd)	1558	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3296.2	η UP,DN(C0-180)	2.4,46.8	
NOMINAL FLUX(lm)	3296.22	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.4,48.4	
LAMPS INSIDE	1	η up(%)	4.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	η down(%)	95.2	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℃
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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1520	1523	1525	1526	1535	1532	1530	1528	0~ 10	147.2	147.2	4.46,4.46
20	1424	1428	1432	1434	1452	1444	1443	1439	10~ 20	420.3	567.4	17.2,17.2
30	1246	1252	1253	1258	1286	1273	1276	1268	20~ 30	626.5	1194	36.2,36.2
40	869.8	891.7	911.2	911.3	966.2	935.5	949.1	939.3	30~ 40	699.2	1893	57.4,57.4
50	414.4	476.9	527.5	492.6	475.6	502.6	550.7	498.8	40~ 50	520.0	2413	73.2,73.2
60	288.2	278.0	257.8	281.4	315.4	291.3	284.7	286.1	50~ 60	341.9	2755	83.6,83.6
70	148.5	148.3	155.8	154.2	169.9	157.2	145.5	158.5	60~ 70	208.3	2963	89.9,89.9
80	74.68	74.63	77.59	78.89	90.43	89.04	89.38	84.37	70~ 80	128.4	3092	93.8,93.8
90	1.624	1.631	1.564	1.327	4.811	1.923	1.988	1.915	80~ 90	44.85	3137	95.2,95.2
100	7.061	6.612	6.512	6.352	5.417	6.054	6.569	6.290	90~100	3.685	3140	95.3,95.3
110	17.00	16.69	15.96	15.55	14.01	15.06	15.38	15.84	100~110	11.36	3152	95.6,95.6
120	27.03	26.99	26.46	26.17	24.59	25.63	25.90	26.53	110~120	20.89	3173	96.3,96.3
130	34.00	34.07	33.80	33.05	32.21	32.92	33.19	33.68	120~130	26.64	3199	97.1,97.1
140	40.17	40.34	40.14	39.66	39.07	39.72	39.98	40.29	130~140	28.44	3228	97.9,97.9
150	44.60	44.97	44.80	44.75	43.74	44.26	45.25	44.89	140~150	26.60	3254	98.7,98.7
160	47.65	48.08	47.81	48.14	46.95	47.45	48.30	48.05	150~160	21.42	3276	99.4,99.4
170	59.21	59.59	59.39	59.49	57.30	58.04	58.60	58.81	160~170	14.64	3290	99.8,99.8
180	63.51	63.59	64.02	64.42	63.57	63.54	64.00	64.43	170~180	5.834	3296	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 2183 lm

%lum = 66.2%

%lamp = 66.2%

Conical surface Flux(130deg): 2873.2 lm

%lum = 87.2%

%lamp = 87.2%

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:

LUMINANCE LIMITATION CURVES

Test:U:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz
Lamp Flux:3296.22x1 lm

NAME: LED346 (30W 4000K) Uplight on

TYPE: 调光双色中性白白色

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

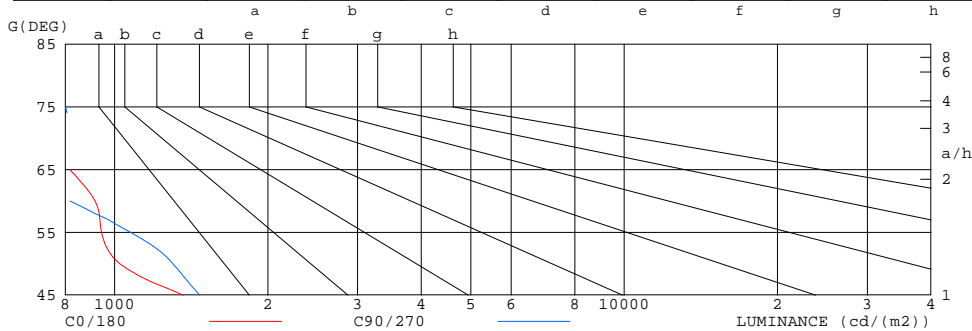
MFR.:

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	594	719
80	683	709
75	699	801
70	690	723
65	817	676
60	916	818
55	943	1076
50	1024	1302
45	1363	1470

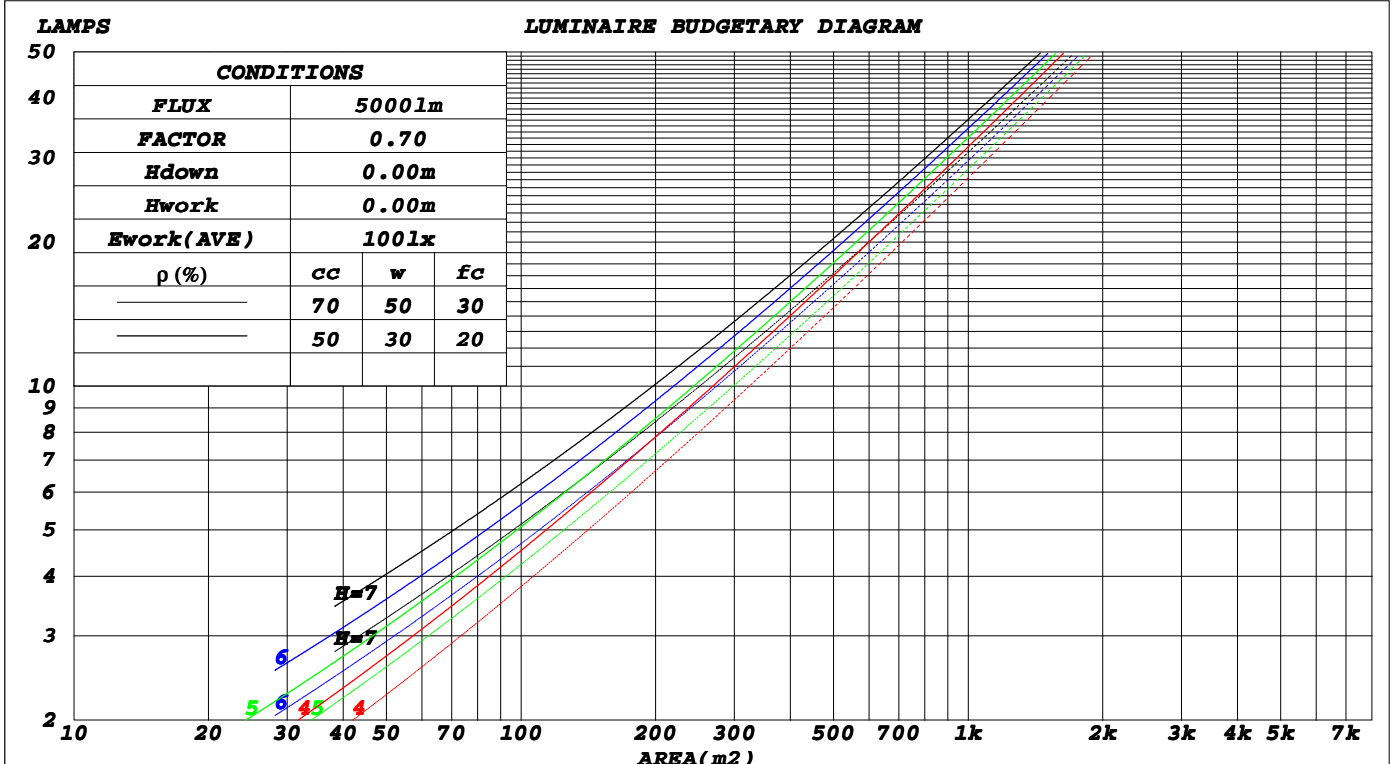
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Mr.Ma
Test Date: 2024 8.12

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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.05	1.01	.98	1.02	.99	.96	.97	.95	.92	.93	.91	.89	.88	.87	.85	.83
2.0	.94	.88	.83	.91	.86	.82	.87	.83	.79	.83	.80	.76	.80	.77	.74	.72
3.0	.84	.77	.71	.82	.75	.70	.78	.73	.68	.75	.71	.67	.72	.68	.65	.63
4.0	.76	.68	.62	.74	.67	.61	.71	.65	.60	.68	.63	.59	.66	.61	.57	.55
5.0	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.52	.60	.55	.51	.49
6.0	.62	.54	.49	.61	.54	.48	.59	.52	.47	.57	.51	.47	.55	.50	.46	.44
7.0	.57	.49	.44	.56	.49	.43	.54	.48	.43	.52	.47	.42	.51	.46	.42	.40
8.0	.53	.45	.39	.52	.44	.39	.50	.43	.39	.48	.43	.38	.47	.42	.38	.36
9.0	.49	.41	.36	.48	.41	.36	.46	.40	.35	.45	.39	.35	.44	.38	.34	.33
10.0	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.41	.35	.32	.30



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
 γ 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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	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															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.264	.150	.048	.256	.146	.046	.240	.138	.044	.225	.130	.042	.212	.123	.040															
2.0	.250	.137	.042	.242	.133	.041	.228	.127	.039	.216	.121	.038	.204	.115	.036															
3.0	.233	.124	.037	.227	.121	.037	.214	.116	.035	.203	.111	.034	.193	.107	.033															
4.0	.218	.113	.033	.212	.111	.033	.201	.107	.032	.191	.102	.031	.181	.099	.030															
5.0	.203	.104	.030	.198	.102	.030	.189	.098	.029	.179	.095	.028	.171	.091	.027															
6.0	.191	.096	.027	.186	.094	.027	.177	.091	.026	.169	.088	.026	.161	.085	.025															
7.0	.179	.089	.025	.175	.087	.025	.167	.084	.024	.159	.082	.024	.152	.079	.023															
8.0	.169	.082	.023	.165	.081	.023	.158	.079	.022	.151	.076	.022	.144	.074	.022															
9.0	.159	.077	.021	.156	.076	.021	.149	.074	.021	.143	.072	.021	.137	.070	.020															
10.0	.151	.072	.020	.147	.071	.020	.141	.069	.020	.136	.067	.019	.130	.066	.019															

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 Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.227	.227	.227	.194	.194	.194	.133	.133	.133	.076	.076	.076	.024	.024	.024	
1.0	.214	.194	.175	.183	.166	.151	.125	.114	.104	.072	.066	.061	.023	.021	.020	
2.0	.204	.170	.141	.175	.146	.121	.120	.101	.085	.069	.059	.050	.022	.019	.016	
3.0	.195	.152	.117	.167	.131	.102	.115	.091	.071	.066	.053	.042	.021	.017	.014	
4.0	.187	.138	.101	.160	.119	.088	.110	.083	.062	.064	.049	.036	.021	.016	.012	
5.0	.179	.127	.089	.154	.110	.078	.106	.077	.055	.061	.045	.032	.020	.015	.011	
6.0	.172	.119	.080	.148	.103	.070	.102	.072	.050	.059	.042	.029	.019	.014	.010	
7.0	.166	.112	.074	.143	.097	.065	.099	.068	.046	.057	.040	.027	.019	.013	.009	
8.0	.160	.106	.069	.138	.092	.060	.095	.065	.043	.055	.038	.025	.018	.013	.008	
9.0	.155	.101	.065	.133	.088	.057	.092	.062	.040	.054	.036	.024	.017	.012	.008	
10.0	.149	.097	.062	.129	.084	.054	.089	.059	.039	.052	.035	.023	.017	.012	.008	

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:

UGR(Unified Glare Rating) Table

Test:U:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm										
NAME: LED346 (30W 4000K) Uplight on					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	7.7	9.0	8.0	9.3	9.5	7.5	8.8	7.9	9.1	9.4
3H	8.5	9.6	8.8	9.9	10.3	8.3	9.5	8.7	9.8	10.1
4H	8.9	10.0	9.2	10.3	10.6	8.8	10.0	9.2	10.3	10.6
6H	9.2	10.3	9.6	10.6	11.0	9.3	10.3	9.7	10.7	11.0
8H	9.4	10.4	9.8	10.7	11.1	9.4	10.4	9.8	10.8	11.2
12H	9.4	10.4	9.8	10.8	11.2	9.5	10.5	10.0	10.9	11.3
4H 2H	7.9	9.0	8.3	9.4	9.7	7.8	8.9	8.2	9.3	9.6
3H	8.9	9.9	9.3	10.2	10.6	8.8	9.8	9.2	10.2	10.6
4H	9.5	10.4	9.9	10.8	11.2	9.5	10.4	9.9	10.8	11.2
6H	10.0	10.8	10.5	11.2	11.7	10.1	10.8	10.5	11.3	11.7
8H	10.2	10.9	10.7	11.4	11.8	10.3	11.0	10.8	11.5	11.9
12H	10.3	11.0	10.8	11.5	12.0	10.5	11.1	11.0	11.6	12.1
8H 4H	9.7	10.4	10.2	10.9	11.4	9.7	10.4	10.2	10.9	11.4
6H	10.4	11.0	10.9	11.4	12.0	10.4	11.0	11.0	11.5	12.0
8H	10.6	11.2	11.2	11.7	12.2	10.8	11.3	11.3	11.8	12.3
12H	10.9	11.3	11.4	11.8	12.4	11.0	11.5	11.6	12.0	12.6
12H 4H	9.7	10.4	10.2	10.8	11.3	9.7	10.4	10.2	10.8	11.3
6H	10.4	11.0	11.0	11.5	12.0	10.5	11.0	11.0	11.5	12.1
8H	10.7	11.2	11.3	11.7	12.3	10.9	11.3	11.4	11.8	12.4
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, 3296 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.1$)
 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

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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

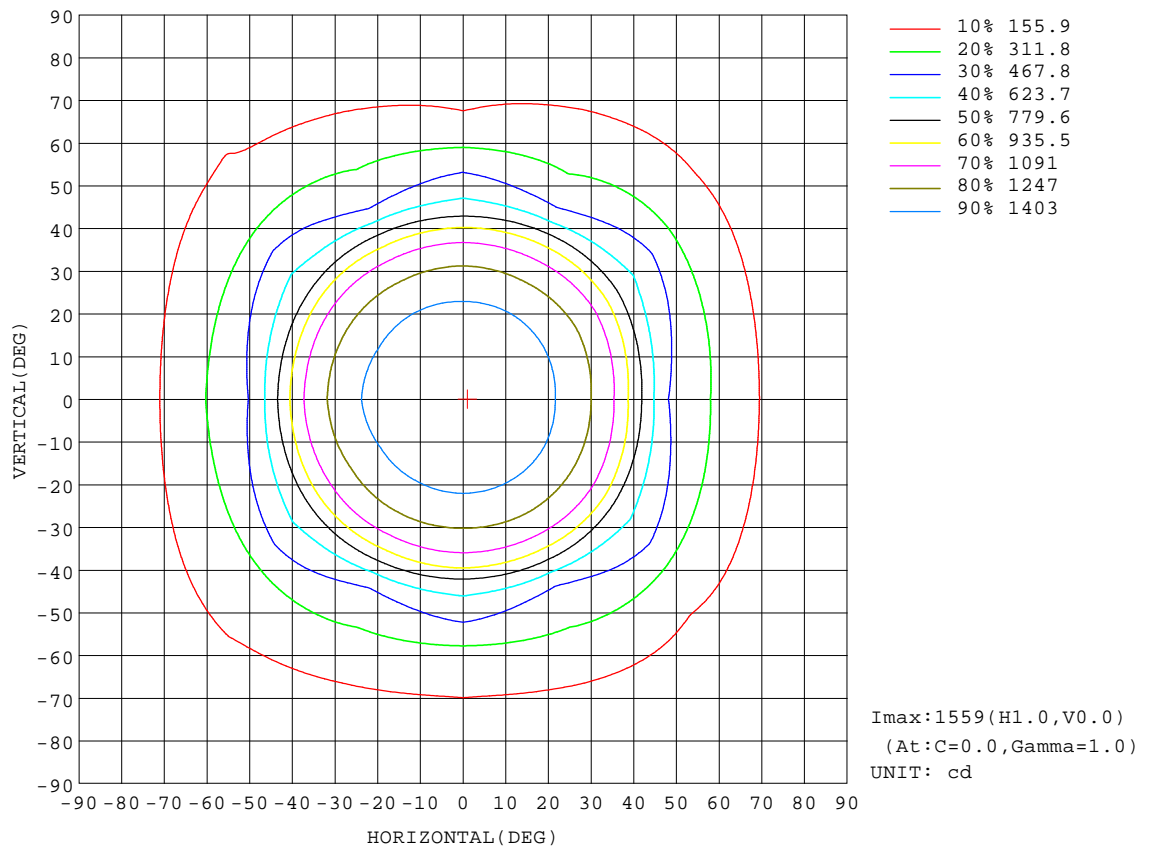
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	55	49	63	54	49	43
0.80	75	65	59	73	64	58	71	63	58	51
1.00	82	73	67	81	72	66	78	72	65	59
1.25	88	80	74	87	79	73	84	77	72	65
1.50	93	84	79	91	83	78	87	81	76	69
2.00	98	91	86	96	90	85	92	87	83	75
2.50	101	95	90	99	93	89	95	90	86	77
3.00	104	98	94	102	96	92	97	93	89	80
4.00	107	103	99	105	100	97	100	96	93	84
5.00	109	105	102	107	103	100	101	99	96	86
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℃
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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



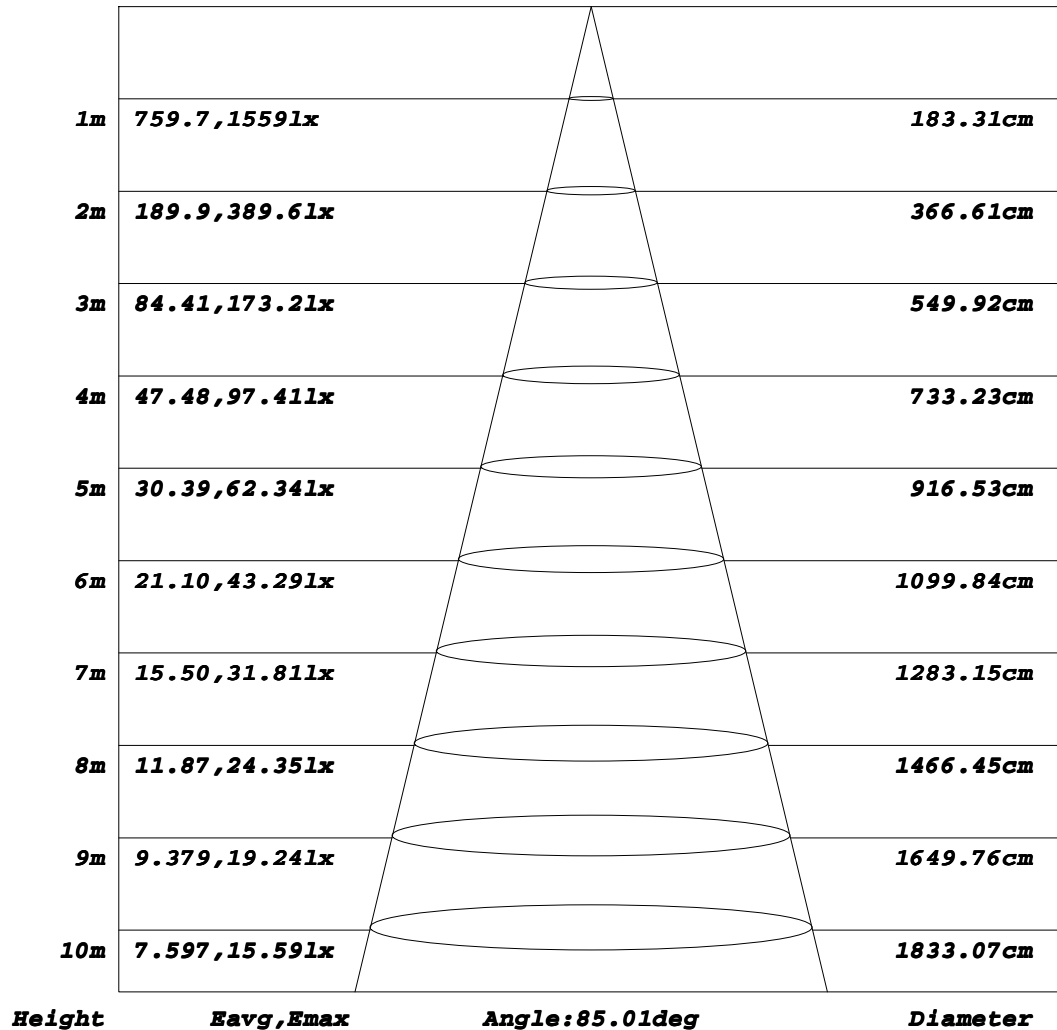
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Mr.Ma
Test Date: 2024 8.12

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:

AAI Figure

Test:U:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2075 lm



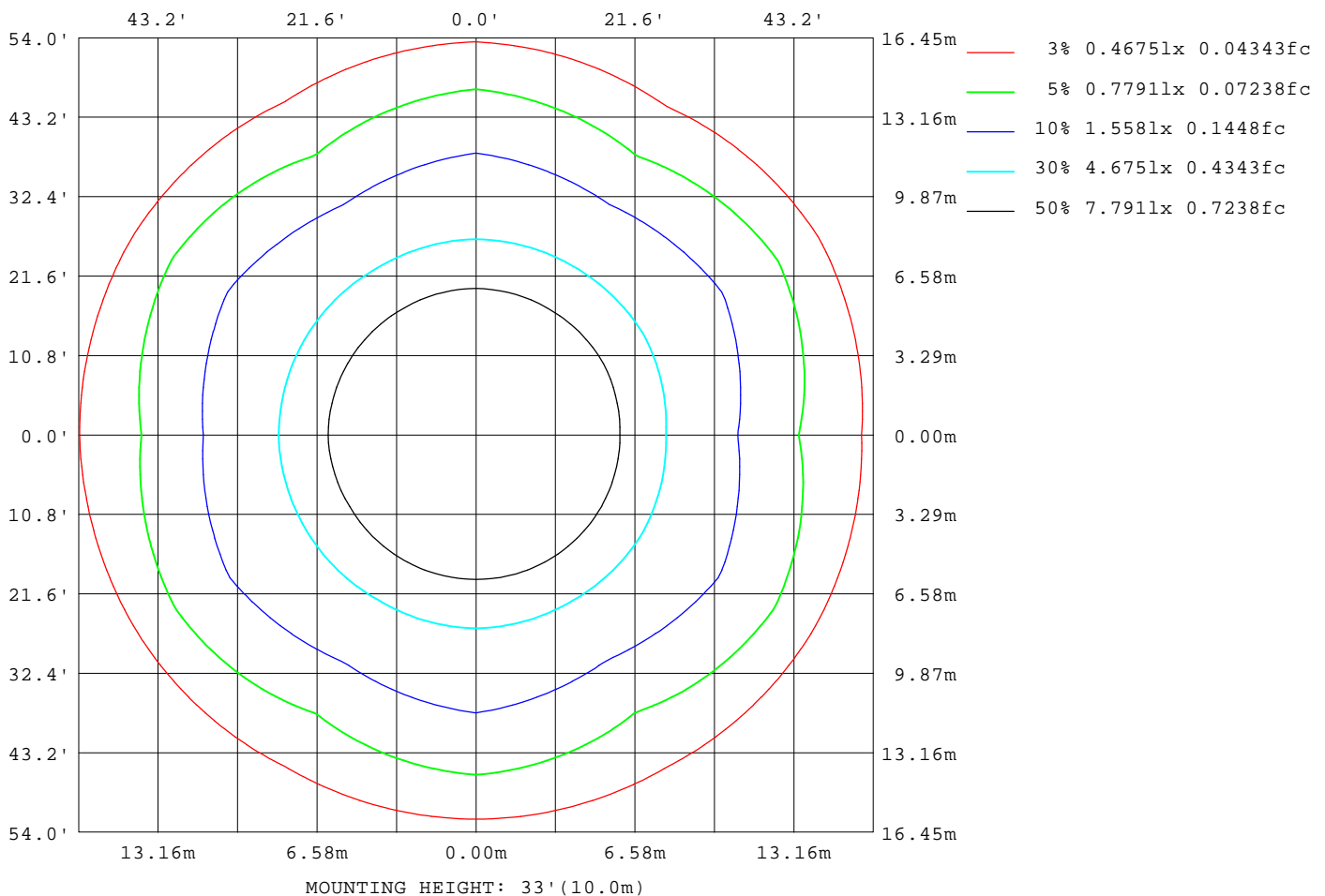
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

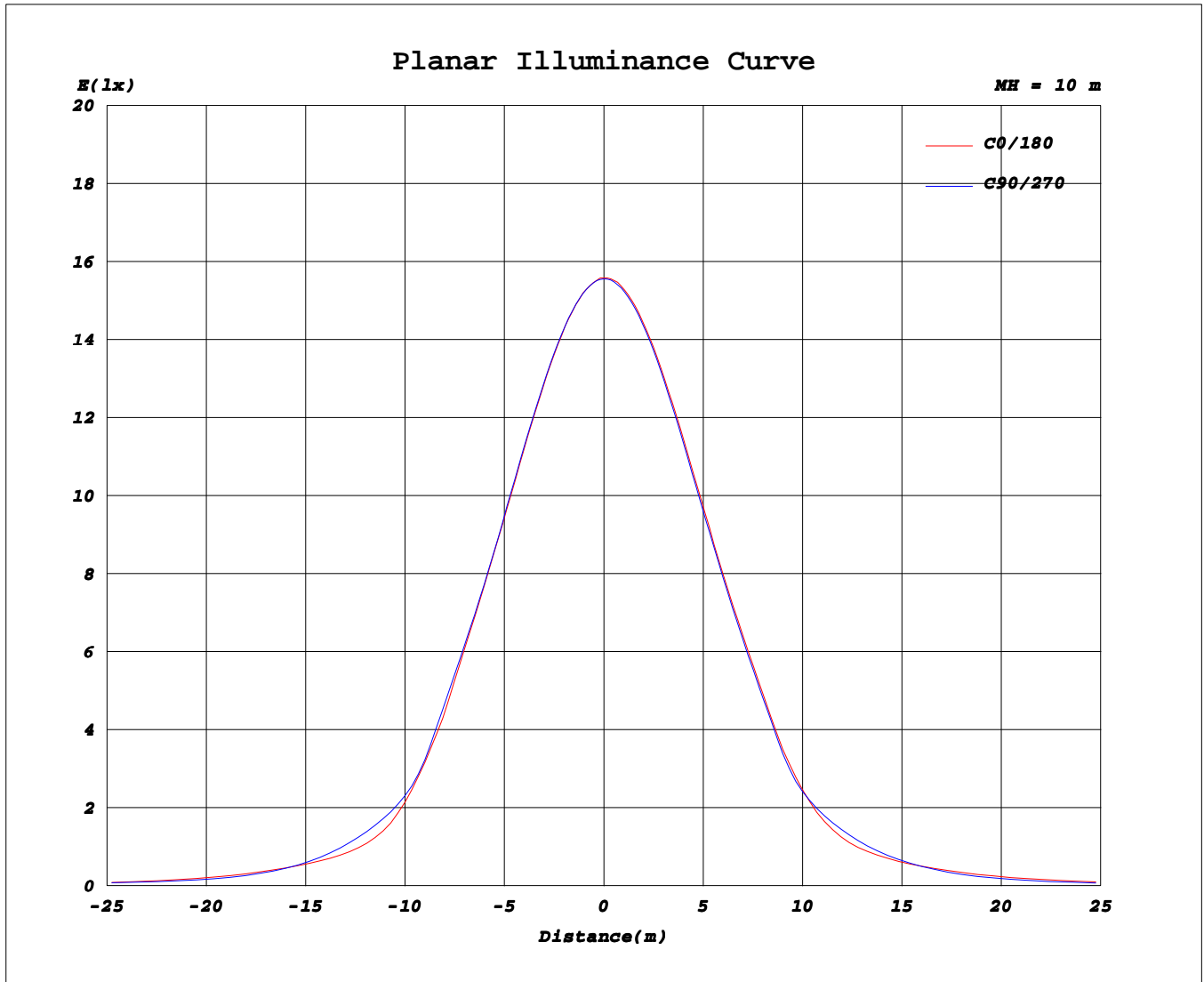
AvgL	cd/m2
L_0~180(65)av	865
L_0~180(75)av	724
L_0~180(85)av	750
L_90~270(65)av	685
L_90~270(75)av	820
L_90~270(85)av	815
L_45(65)av	773
L_45(75)av	753
L_45(85)av	775

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:230.04V I:0.1429A P:32.181W PF:0.9791 Freq:50.00Hz Lamp Flux:3296.22x1 lm		
NAME: LED346 (30W 4000K) Uplight on	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	1557	1557	1557	1557	1557	1557	1557	1557	1557	1557	1557	1557						
5	1545	1546	1547	1547	1547	1549	1553	1551	1551	1550	1550	1548						
10	1520	1522	1524	1525	1524	1527	1535	1532	1531	1530	1530	1527						
15	1480	1483	1485	1487	1487	1489	1501	1496	1497	1495	1495	1490						
20	1424	1427	1430	1432	1432	1436	1452	1444	1445	1443	1442	1436						
25	1347	1354	1355	1358	1355	1363	1383	1372	1373	1371	1370	1364						
30	1246	1250	1254	1253	1255	1260	1286	1278	1268	1276	1266	1271						
35	1104	1121	1119	1123	1117	1134	1163	1152	1137	1147	1138	1145						
40	870	902	881	911	890	932	966	952	919	949	937	942						
45	607	672	604	655	617	697	696	704	651	685	650	706						
50	414	548	405	528	416	569	476	579	426	551	430	567						
55	340	412	332	389	335	423	375	443	338	417	332	431						
60	288	270	286	258	283	280	315	293	289	285	281	292						
65	217	179	217	180	216	188	244	187	232	185	232	197						
70	148	148	149	156	149	159	170	158	157	146	164	153						
75	114	124	115	131	114	136	122	140	115	137	112	131						
80	74.7	70.9	78.4	77.6	76.7	81.1	90.4	90.9	87.1	89.4	85.8	82.9						
85	32.6	37.3	38.2	39.5	35.1	44.1	49.7	49.6	46.0	50.0	45.7	44.7						
90	1.62	1.61	1.65	1.56	1.40	1.26	4.81	1.97	1.88	1.99	2.08	1.75						
95	3.50	3.29	3.35	3.32	3.17	2.86	2.38	2.73	2.97	3.23	3.06	3.22						
100	7.06	6.58	6.64	6.51	6.59	6.11	5.42	5.89	6.22	6.57	6.13	6.45						
105	11.6	11.4	11.2	10.7	10.9	10.1	9.37	10.1	10.5	10.6	10.6	10.8						
110	17.0	16.9	16.4	16.0	15.8	15.3	14.0	14.8	15.3	15.4	15.7	16.0						
115	22.3	22.6	22.0	21.5	21.3	20.9	19.2	20.2	20.6	20.7	21.0	21.7						
120	27.0	27.3	26.7	26.5	26.3	26.0	24.6	25.5	25.7	25.9	26.3	26.8						
125	30.2	30.5	30.2	30.1	30.0	29.1	28.4	29.1	29.4	29.5	29.9	30.2						
130	34.0	34.1	34.0	33.8	33.4	32.7	32.2	32.6	33.2	33.2	33.6	33.7						
135	37.4	37.5	37.5	37.3	36.8	36.2	35.8	36.1	36.9	36.7	37.2	37.2						
140	40.2	40.3	40.4	40.1	40.1	39.2	39.1	39.4	40.1	40.0	40.3	40.3						
145	42.6	42.8	42.9	42.6	42.8	41.9	41.6	41.9	42.5	42.7	42.9	42.9						
150	44.6	44.9	45.0	44.8	45.1	44.4	43.7	44.0	44.5	45.2	44.9	44.9						
155	46.3	46.8	46.8	46.5	46.8	46.5	45.5	45.8	46.3	46.9	46.6	46.6						
160	47.6	48.1	48.0	47.8	48.2	48.0	47.0	47.2	47.7	48.3	48.0	48.1						
165	52.4	52.7	52.6	52.4	52.3	51.8	49.3	49.8	50.0	51.0	50.6	51.3						
170	59.2	59.6	59.5	59.4	59.5	59.5	57.3	58.0	58.1	58.6	58.5	59.1						
175	62.3	62.5	62.4	62.5	62.8	63.0	61.2	61.4	61.7	61.9	62.2	62.6						
180	63.5	63.8	63.4	64.0	64.3	64.5	63.6	63.7	63.4	64.0	64.4	64.5						

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3℃

Operators: Mr.Ma

Test Date: 2024 8.12

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