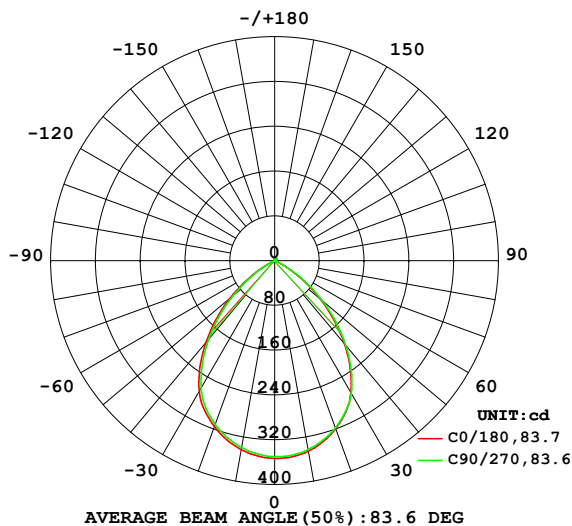


LUMINAIRE PHOTOMETRIC TEST REPORT

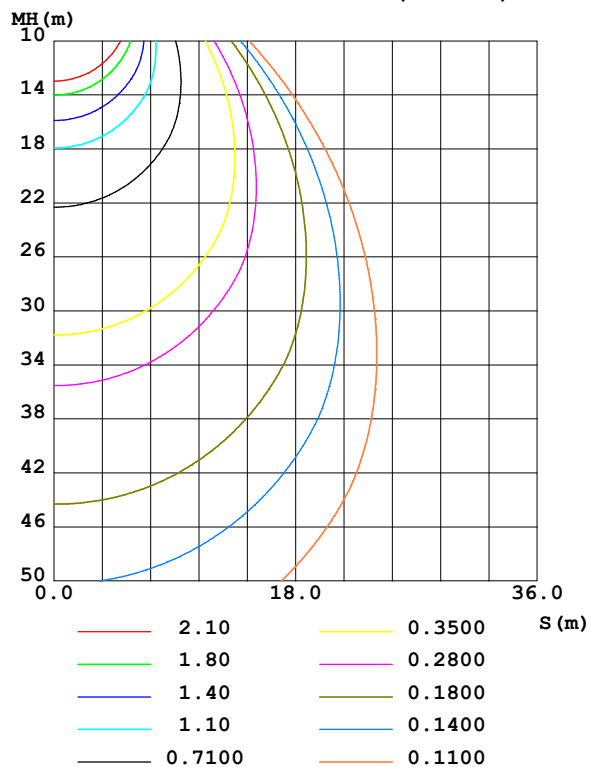
Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.81 lm/W			
MODEL		I <sub>max</sub> (cd)	353.4	S/MH(C0/180)	1.15
NOMINAL POWER(W)	9.9	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	593.59	η UP,DN(C0-180)	0.9,50.4
NOMINAL FLUX(lm)	593.587	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.9,47.8
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230	η down (%)	98.3	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [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	345.6	344.5	342.8	340.9	343.0	340.5	339.4	339.6	0- 10	33.05	33.05	5.57,5.57
20	319.3	319.1	317.6	315.0	315.4	312.3	311.0	312.1	10- 20	93.07	126.1	21.2,21.2
30	272.5	274.1	274.0	271.7	269.6	265.8	263.1	264.0	20- 30	135.6	261.7	44.1,44.1
40	194.2	197.1	197.8	195.9	191.4	186.9	183.5	184.6	30- 40	144.6	406.4	68.5,68.5
50	106.1	109.8	110.6	109.0	103.4	98.95	95.80	97.21	40- 50	113.3	519.6	87.5,87.5
60	28.36	31.29	32.36	31.31	26.33	23.55	20.97	22.32	50- 60	56.22	575.9	97,97
70	0.4134	0.4512	0.3943	0.3377	0.1688	0.1500	0.1594	0.2060	60- 70	7.215	583.1	98.2,98.2
80	0.0846	0.0941	0.0940	0.0752	0	0.0280	0.0188	0.0094	70- 80	0.1384	583.2	98.3,98.3
90	0.0281	0.0281	0.0281	0.0188	0.0564	0.0564	0.0470	0.0378	80- 90	0.0313	583.2	98.3,98.3
100	0.1876	0.1687	0.1592	0.1592	0.2631	0.2539	0.2634	0.2631	90-100	0.1148	583.4	98.3,98.3
110	0.6373	0.6092	0.5902	0.6093	0.6754	0.6763	0.6944	0.6663	100-110	0.4385	583.8	98.4,98.4
120	1.294	1.247	1.228	1.228	1.286	1.304	1.305	1.295	110-120	0.9309	584.7	98.5,98.5
130	2.062	2.006	1.988	1.997	2.036	2.055	2.063	2.027	120-130	1.468	586.2	98.8,98.8
140	2.840	2.794	2.767	2.766	2.823	2.823	2.824	2.786	130-140	1.864	588.1	99.1,99.1
150	3.610	3.525	3.498	3.507	3.565	3.573	3.537	3.499	140-150	1.979	590.0	99.4,99.4
160	4.314	4.229	4.201	4.201	4.296	4.277	4.249	4.212	150-160	1.794	591.8	99.7,99.7
170	4.877	4.821	4.792	4.792	4.915	4.886	4.868	4.811	160-170	1.283	593.1	99.9,99.9
180	5.111	5.130	5.093	4.999	5.102	5.121	5.121	5.074	170-180	0.4731	593.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 469 lm

%lum = 79.0%

%lamp = 79.0%

Conical surface Flux(120deg): 575.86 lm

%lum = 97.0%

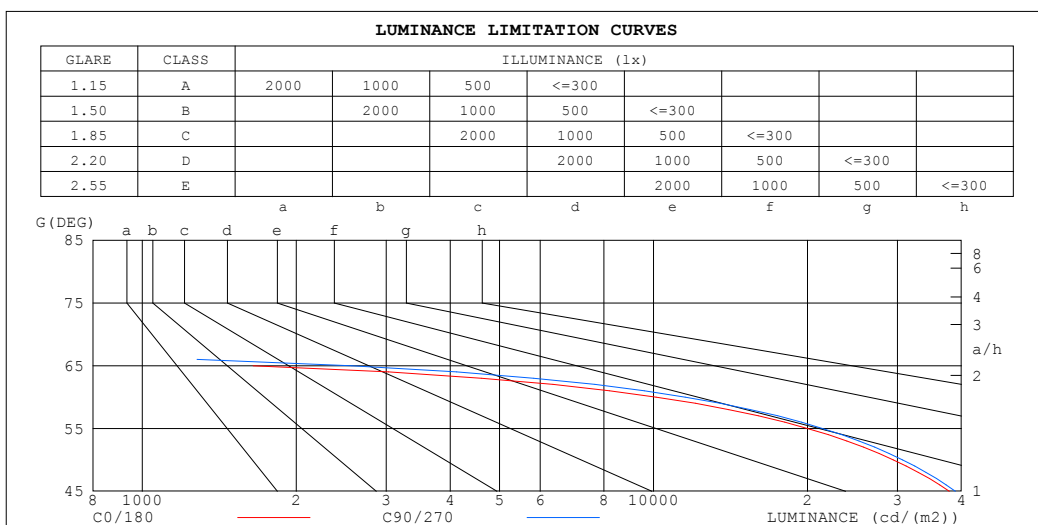
%lamp = 97.0%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2023-10-26

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
 Humidity:65.0%  
 Test Distance:12.020m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	77	77
80	87	97
75	142	142
70	216	206
65	1647	2570
60	10115	11540
55	20012	21408
50	29440	30686
45	37888	38944

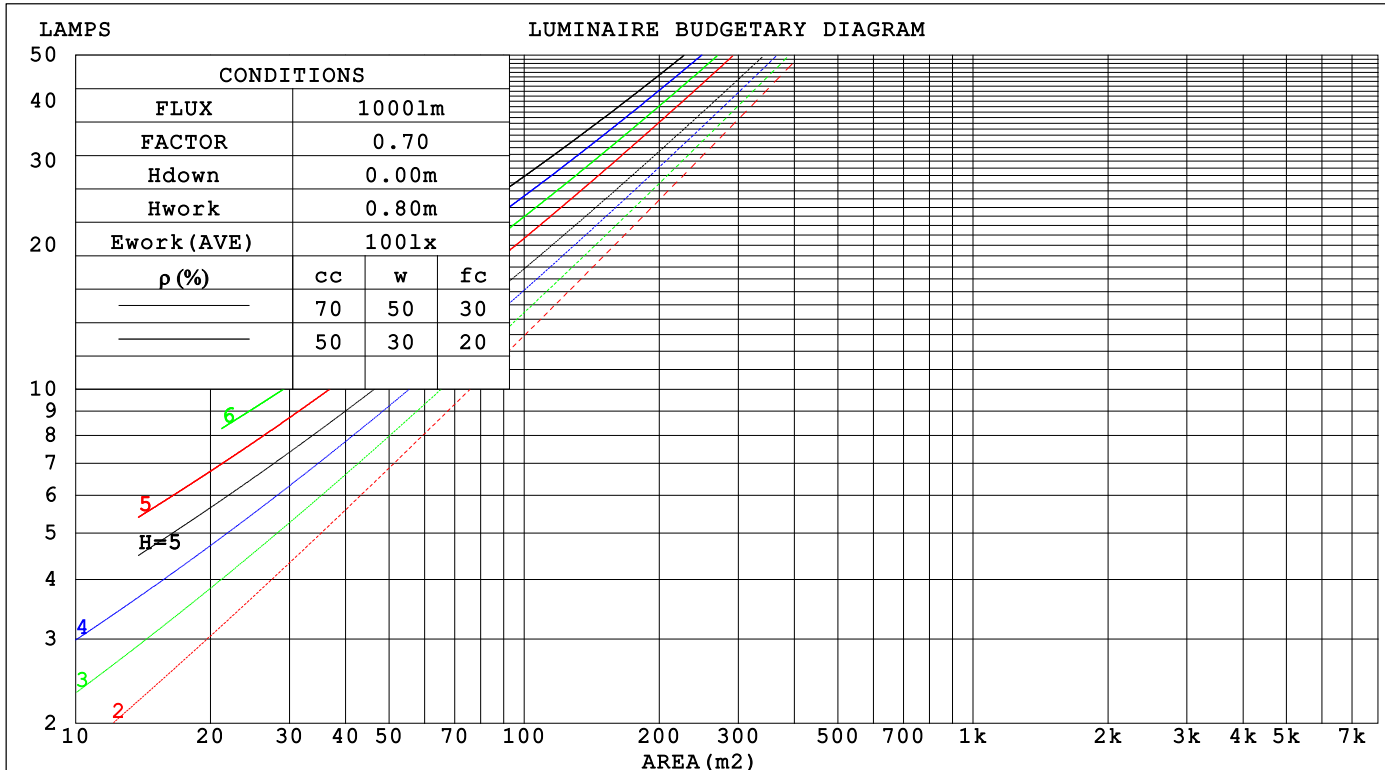
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm					
NAME: R731 B27K		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.: EVERFINE		SUR.:		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															



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	.213	.121	.038	.206	.117	.037	.192	.110	.035	.179	.103	.033	.168	.097	.031		
2.0	.209	.115	.035	.203	.112	.034	.191	.106	.033	.180	.101	.032	.170	.096	.030		
3.0	.201	.107	.032	.196	.105	.032	.185	.100	.031	.176	.096	.030	.167	.092	.029		
4.0	.192	.100	.029	.187	.098	.029	.178	.095	.028	.170	.091	.028	.162	.088	.027		
5.0	.183	.093	.027	.179	.092	.027	.171	.089	.026	.163	.086	.026	.156	.083	.025		
6.0	.174	.087	.025	.170	.086	.025	.163	.084	.024	.156	.081	.024	.150	.079	.023		
7.0	.165	.082	.023	.162	.081	.023	.155	.079	.023	.149	.077	.022	.144	.075	.022		
8.0	.157	.077	.022	.154	.076	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021		
9.0	.150	.072	.020	.147	.072	.020	.142	.070	.020	.137	.068	.020	.132	.067	.019		
10.0	.143	.068	.019	.140	.068	.019	.135	.066	.019	.131	.065	.018	.126	.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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022		
1.0	.187	.170	.155	.160	.146	.134	.109	.101	.093	.063	.058	.054	.020	.019	.017		
2.0	.175	.146	.121	.150	.125	.105	.103	.087	.073	.059	.051	.043	.019	.016	.014		
3.0	.165	.127	.098	.141	.110	.085	.097	.076	.059	.056	.045	.035	.018	.014	.011		
4.0	.156	.113	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.010		
5.0	.149	.102	.068	.128	.089	.059	.088	.062	.042	.051	.036	.025	.016	.012	.008		
6.0	.143	.094	.059	.123	.081	.051	.085	.057	.036	.049	.033	.021	.016	.011	.007		
7.0	.137	.087	.051	.117	.075	.045	.081	.053	.032	.047	.031	.019	.015	.010	.006		
8.0	.131	.081	.046	.113	.070	.040	.078	.049	.028	.045	.029	.017	.015	.009	.006		
9.0	.126	.076	.042	.108	.066	.037	.075	.046	.026	.044	.027	.015	.014	.009	.005		
10.0	.121	.071	.039	.104	.062	.034	.072	.044	.024	.042	.026	.014	.014	.008	.005		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm										
NAME: R731 B27K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					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	22.6	23.8	22.9	24.0	24.2	22.8	24.0	23.0	24.2	24.4
3H	22.4	23.5	22.7	23.7	24.0	22.6	23.7	22.9	23.9	24.2
4H	22.3	23.3	22.6	23.6	23.9	22.5	23.5	22.8	23.8	24.0
6H	22.2	23.1	22.5	23.4	23.7	22.4	23.3	22.7	23.6	23.9
8H	22.1	23.1	22.5	23.4	23.7	22.3	23.2	22.7	23.5	23.8
12H	22.1	23.0	22.5	23.3	23.6	22.3	23.2	22.6	23.5	23.8
4H 2H	22.5	23.5	22.8	23.7	24.0	22.6	23.6	22.9	23.9	24.2
3H	22.3	23.1	22.6	23.4	23.8	22.4	23.3	22.8	23.6	23.9
4H	22.2	22.9	22.6	23.3	23.6	22.3	23.1	22.7	23.5	23.8
6H	22.1	22.8	22.5	23.1	23.5	22.2	22.9	22.7	23.3	23.7
8H	22.0	22.7	22.4	23.0	23.4	22.2	22.8	22.6	23.2	23.6
12H	22.0	22.5	22.4	23.0	23.4	22.1	22.7	22.6	23.1	23.6
8H 4H	22.0	22.7	22.4	23.0	23.4	22.2	22.8	22.6	23.2	23.6
6H	21.9	22.4	22.4	22.9	23.3	22.1	22.6	22.6	23.0	23.5
8H	21.9	22.3	22.4	22.8	23.3	22.0	22.5	22.5	22.9	23.4
12H	21.8	22.2	22.3	22.7	23.2	22.0	22.4	22.5	22.9	23.4
12H 4H	22.0	22.5	22.4	23.0	23.4	22.1	22.7	22.6	23.1	23.6
6H	21.9	22.3	22.4	22.8	23.3	22.0	22.5	22.5	22.9	23.4
8H	21.8	22.2	22.3	22.7	23.2	22.0	22.4	22.5	22.9	23.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.7 / - 3.2					+ 1.6 / - 2.9				
1.5H	+ 0.8 / - 1.5					+ 0.8 / - 1.4				
2.0H	+ 3.4 / - 9.5					+ 3.3 / - 9.1				

CIE Pub.117, 593.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.8)  
Area: 0.0056079 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

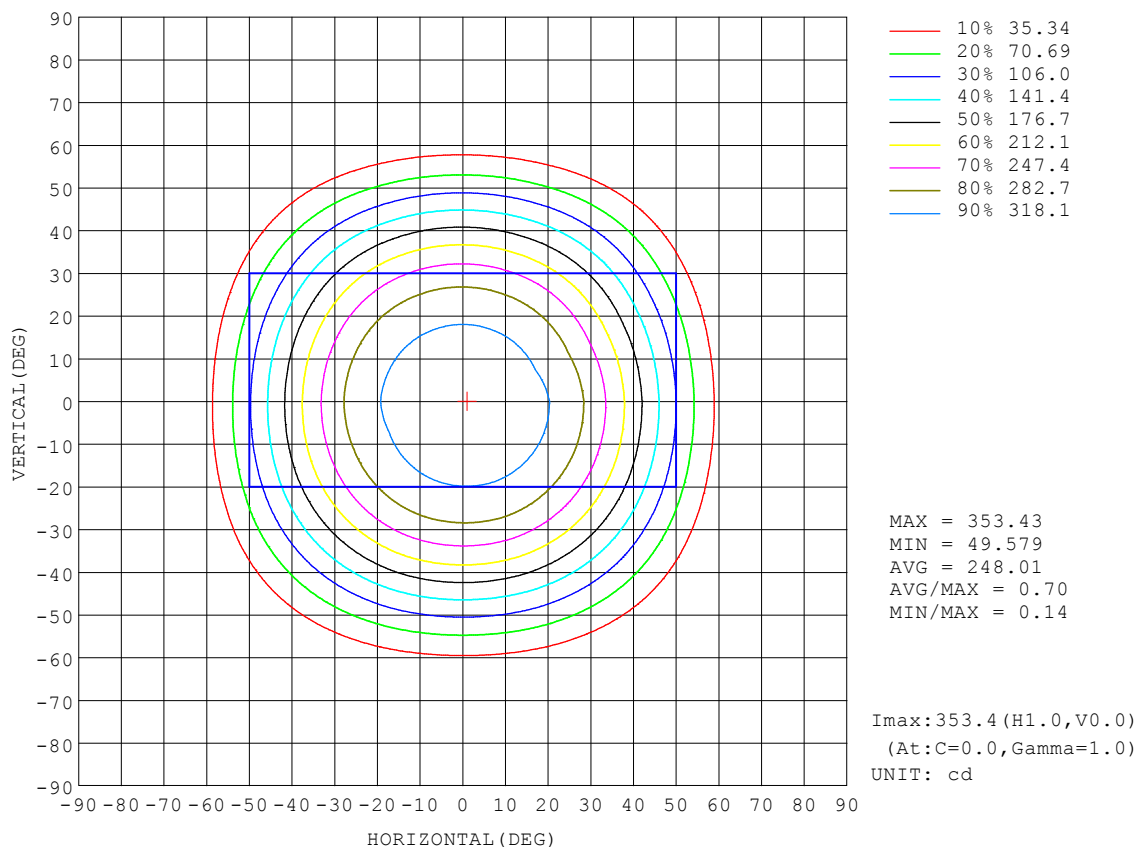
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	71	62	56	70	62	56	69	61	56	51
0.80	81	72	67	80	72	67	78	71	66	61
1.00	89	81	76	88	80	75	86	81	75	69
1.25	95	88	83	94	87	82	91	85	81	76
1.50	99	92	87	97	91	87	95	89	86	80
2.00	104	98	94	102	97	93	99	94	91	85
2.50	106	101	97	104	99	96	100	97	94	86
3.00	108	104	100	106	102	99	102	99	96	89
4.00	111	107	104	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	105	103	101	92
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



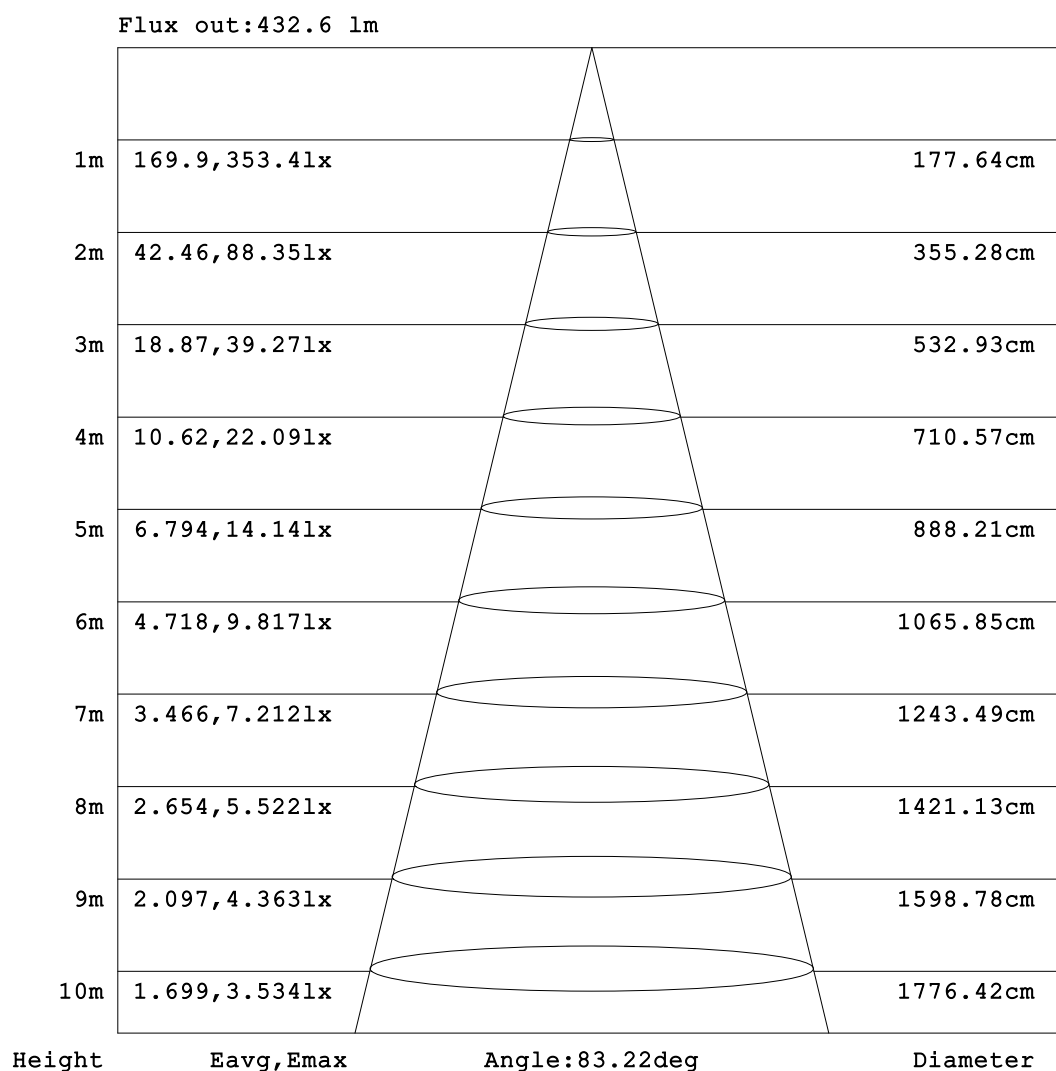
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

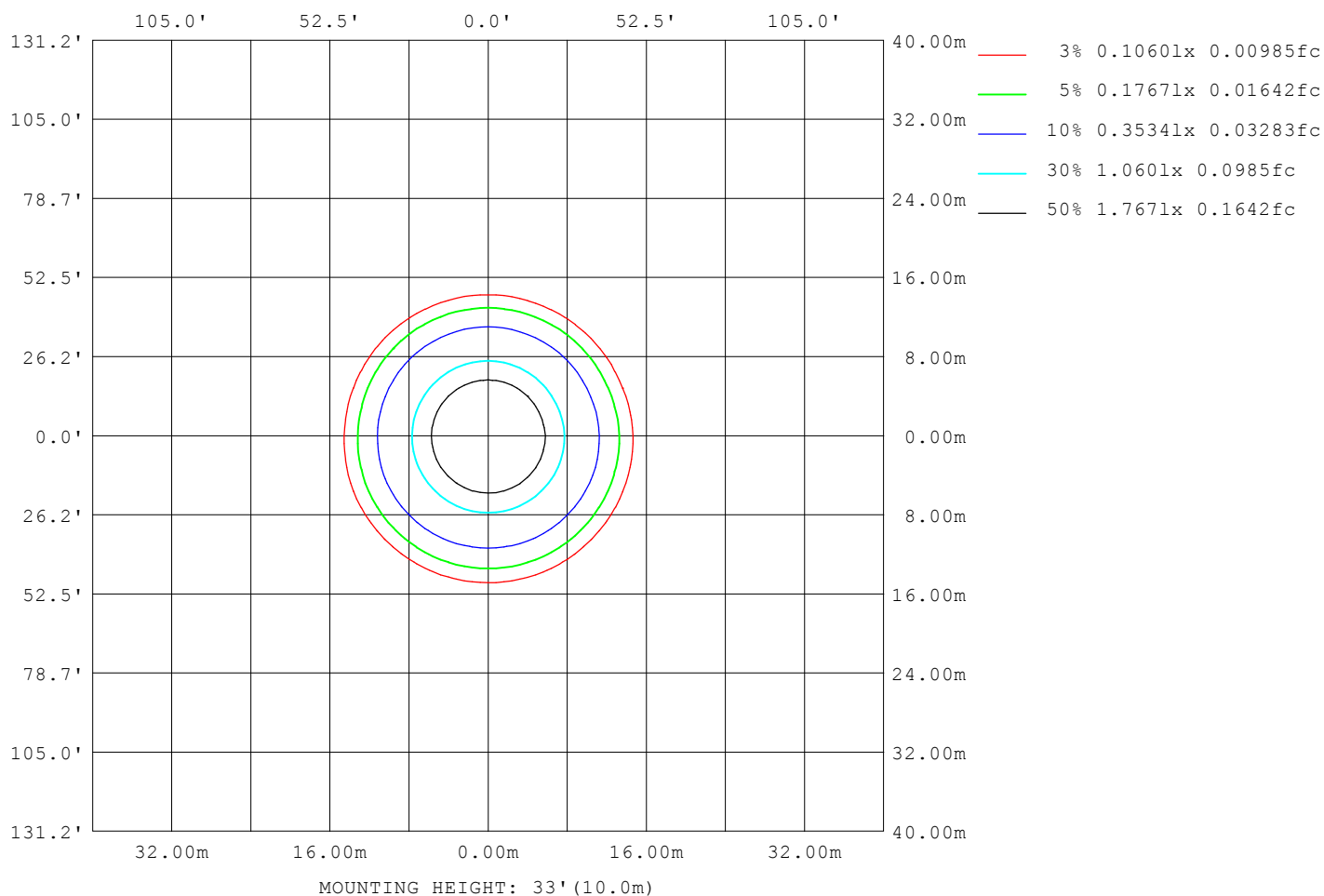


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

# ISOLUX DIAGRAM

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

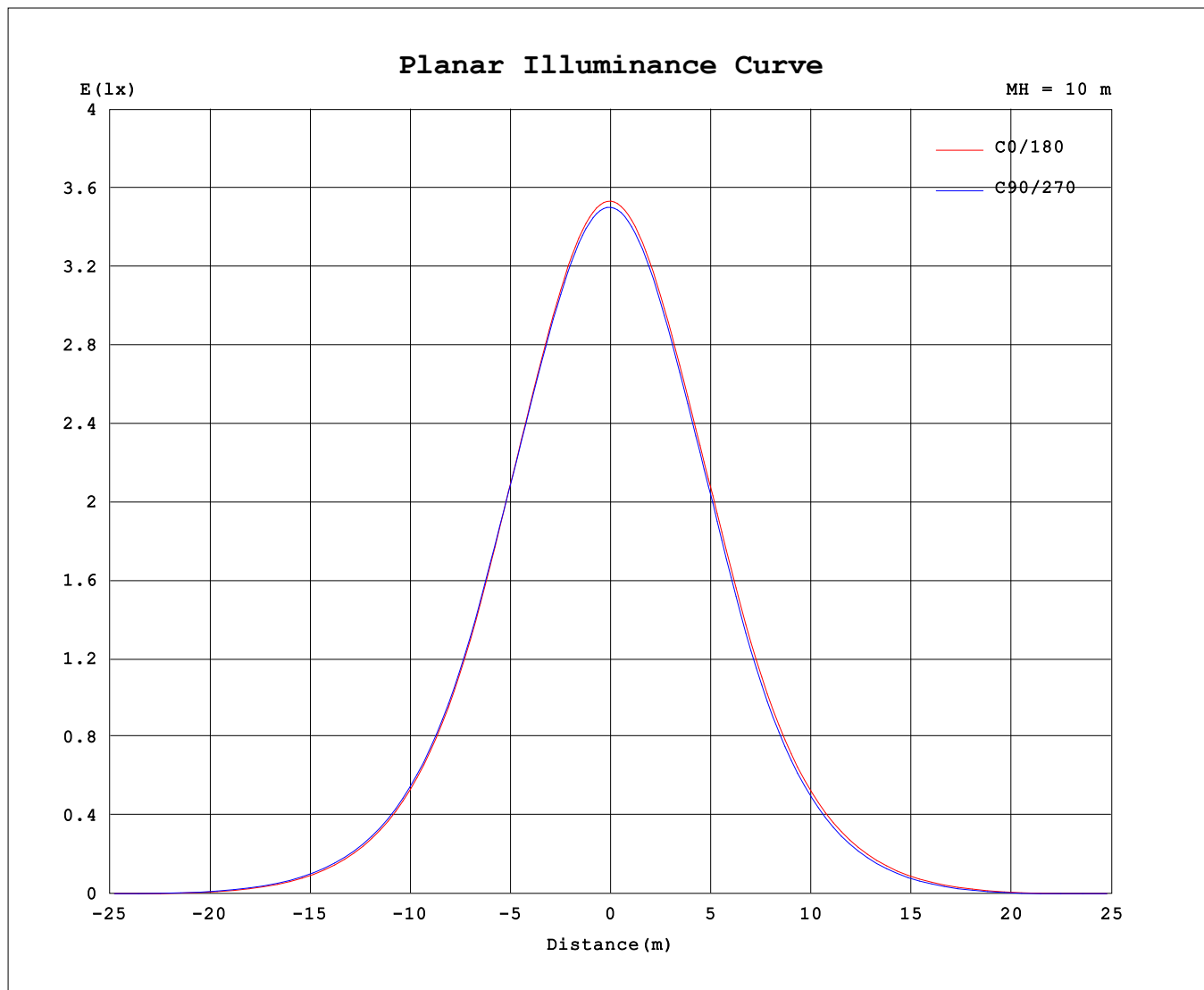
AvgL	cd/m2
L_0~180 (65) av	1427
L_0~180 (75) av	78
L_0~180 (85) av	58
L_90~270 (65) av	1498
L_90~270 (75) av	81
L_90~270 (85) av	58
L_45 (65) av	1509
L_45 (75) av	78
L_45 (85) av	43

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 2023-10-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity: 65.0%  
Test Distance: 12.020m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.23V I:0.0458A P:9.9251W PF:0.9421 Freq:50.00Hz Lamp Flux:593.587x1 lm		
NAME: R731 B27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	353	352	352	351	350	350	349	349	353	352	352	351	350	350	349	349			
5	352	351	350	350	349	348	347	347	350	349	348	348	347	347	347	347			
10	346	345	344	344	343	342	341	340	343	341	340	340	339	339	340	340			
15	335	335	334	334	332	332	330	329	331	329	328	328	327	327	328	329			
20	319	319	319	319	318	317	315	314	315	313	312	311	311	311	312	313			
25	300	300	300	300	299	298	296	295	296	294	293	291	291	291	292	293			
30	273	274	274	275	274	273	272	270	270	267	266	264	263	263	264	265			
35	236	237	238	239	239	238	237	235	233	230	229	227	225	225	227	228			
40	194	196	197	198	198	198	196	194	191	189	187	184	183	183	185	186			
45	150	152	154	155	154	154	153	151	148	145	143	140	140	139	141	143			
50	106	109	110	111	111	111	109	108	103	101	99.0	96.5	95.8	95.3	97.2	99.2			
55	64.4	66.5	67.9	69.2	68.9	68.9	67.6	66.1	61.9	59.3	57.9	55.9	55.0	54.7	56.6	58.4			
60	28.4	30.2	31.3	32.5	32.4	32.4	31.3	30.1	26.3	24.6	23.5	21.8	21.0	20.7	22.3	23.9			
65	3.90	4.89	5.44	6.20	6.09	6.08	5.55	4.80	2.86	2.22	1.82	1.28	1.01	0.97	1.50	2.04			
70	0.41	0.34	0.45	0.33	0.39	0.27	0.34	0.19	0.17	0.24	0.15	0.25	0.16	0.28	0.21	0.35			
75	0.21	0.13	0.23	0.13	0.21	0.10	0.16	0.03	0.02	0.11	0.02	0.12	0.03	0.14	0.05	0.17			
80	0.08	0.03	0.09	0.03	0.09	0.02	0.08	0.01	0.00	0.05	0.03	0.05	0.02	0.06	0.01	0.08			
85	0.04	0.03	0.03	0.03	0.04	0.02	0.03	0.01	0.02	0.02	0.02	0.02	0.02	0.04	0.01	0.02			
90	0.03	0.06	0.03	0.06	0.03	0.05	0.02	0.05	0.06	0.02	0.06	0.02	0.05	0.02	0.04	0.02			
95	0.06	0.14	0.04	0.13	0.04	0.10	0.04	0.13	0.12	0.05	0.14	0.04	0.14	0.05	0.12	0.03			
100	0.19	0.28	0.17	0.26	0.16	0.26	0.16	0.27	0.26	0.16	0.25	0.18	0.26	0.16	0.26	0.16			
105	0.40	0.49	0.38	0.46	0.35	0.46	0.36	0.46	0.43	0.34	0.45	0.35	0.43	0.35	0.44	0.33			
110	0.64	0.71	0.61	0.70	0.59	0.69	0.61	0.70	0.68	0.58	0.68	0.58	0.69	0.57	0.67	0.56			
115	0.94	1.01	0.89	0.99	0.88	0.98	0.90	1.01	0.95	0.88	0.98	0.88	0.98	0.89	0.96	0.86			
120	1.29	1.35	1.25	1.32	1.23	1.31	1.23	1.33	1.29	1.19	1.30	1.23	1.30	1.21	1.29	1.18			
125	1.66	1.74	1.65	1.70	1.60	1.70	1.63	1.71	1.66	1.58	1.66	1.60	1.68	1.57	1.65	1.52			
130	2.06	2.13	2.01	2.09	1.99	2.07	2.00	2.11	2.04	1.95	2.06	1.96	2.06	1.95	2.03	1.94			
135	2.47	2.52	2.39	2.50	2.39	2.48	2.40	2.50	2.43	2.33	2.45	2.37	2.44	2.34	2.42	2.30			
140	2.84	2.91	2.79	2.86	2.77	2.85	2.77	2.88	2.82	2.71	2.82	2.73	2.82	2.69	2.79	2.67			
145	3.22	3.28	3.15	3.23	3.12	3.23	3.15	3.26	3.19	3.10	3.19	3.11	3.17	3.08	3.15	3.03			
150	3.61	3.66	3.53	3.59	3.50	3.60	3.51	3.62	3.57	3.46	3.57	3.46	3.54	3.43	3.50	3.41			
155	3.98	4.02	3.90	3.98	3.88	3.97	3.87	4.00	3.93	3.87	3.93	3.83	3.89	3.79	3.87	3.75			
160	4.31	4.37	4.23	4.32	4.20	4.31	4.20	4.33	4.30	4.19	4.28	4.18	4.25	4.15	4.21	4.11			
165	4.63	4.69	4.58	4.62	4.53	4.62	4.51	4.63	4.62	4.51	4.61	4.49	4.59	4.47	4.53	4.44			
170	4.88	4.93	4.82	4.90	4.79	4.88	4.79	4.88	4.91	4.79	4.89	4.77	4.87	4.74	4.81	4.70			
175	5.03	5.10	4.99	5.07	4.98	5.04	4.95	5.04	5.10	4.99	5.07	4.95	5.06	4.94	5.01	4.95			
180	5.11	5.11	5.13	5.13	5.09	5.07	5.00	5.07	5.10	5.10	5.12	5.10	5.12	5.02	5.07	5.00			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:2023-10-26

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.477  
Humidity:65.0%  
Test Distance:12.020m [K=1.0000]  
Remarks: