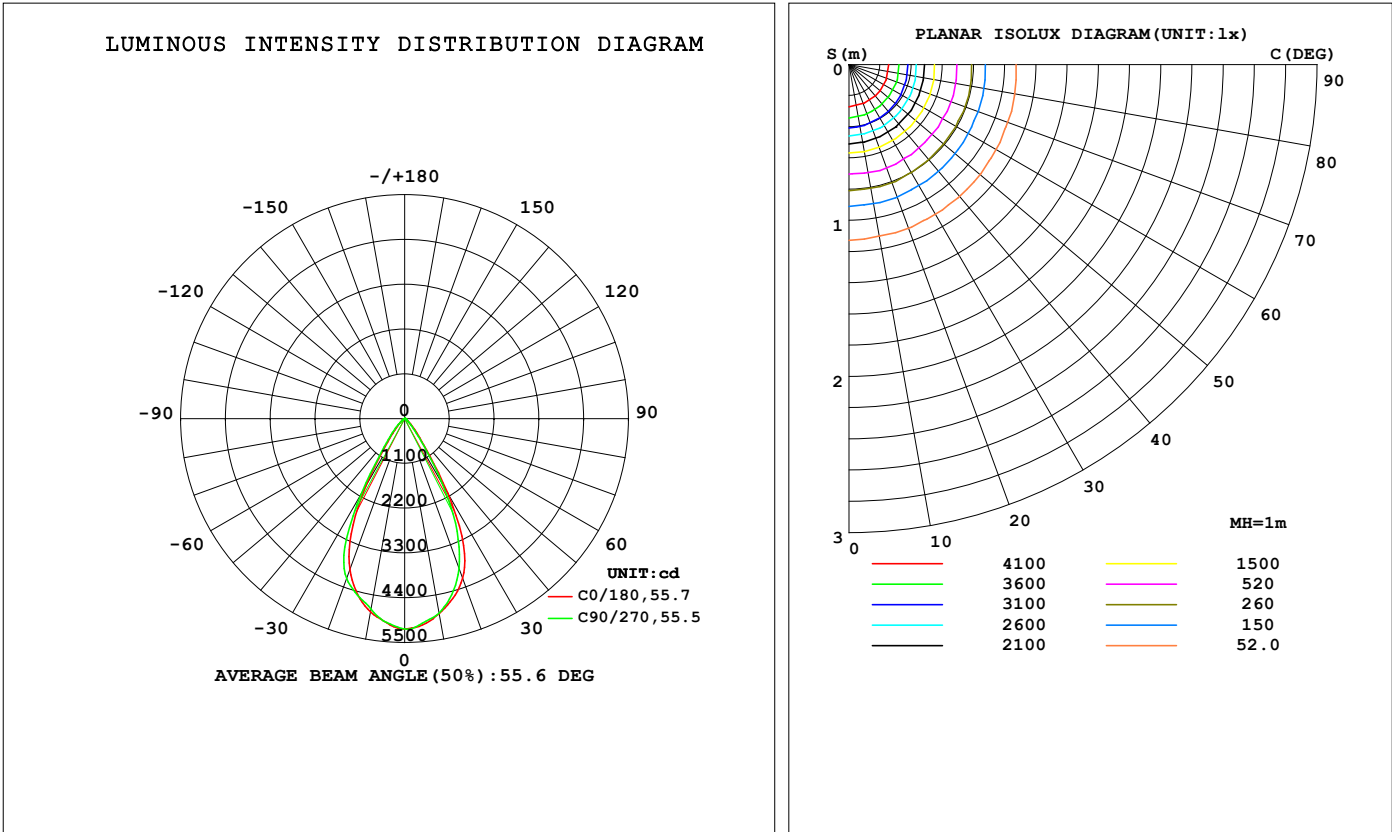


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.29 lm/W
MODEL		Imax (cd)	5177	S/MH(C0/180)	0.81	
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.83	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	4115.1	η UP,DN(C0-180)	0.0,49.4	
NOMINAL FLUX(lm)	4115.12	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	240.39	η down (%)	100.0	CIBSE SHR MAX	0.85	



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [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	4868	4876	4851	4821	4820	4816	4753	4784	0- 10	474.9	474.9	11.5,11.5
20	4171	4030	3909	3909	3936	4042	4173	4202	10- 20	1258	1733	42.1,42.1
30	2123	2048	1882	1928	1910	1959	2128	2131	20- 30	1443	3177	77.2,77.2
40	481.3	435.1	398.2	410.9	416.0	455.0	514.5	503.9	30- 40	624.3	3801	92.4,92.4
50	143.5	128.3	112.4	116.1	127.6	136.9	146.9	146.5	40- 50	197.6	3998	97.2,97.2
60	57.06	53.27	50.18	49.04	52.06	55.05	55.96	57.84	50- 60	75.38	4074	99,99
70	17.27	16.92	16.31	15.11	14.66	15.11	16.25	17.22	60- 70	32.03	4106	99.8,99.8
80	3.026	3.067	3.002	2.705	2.603	2.567	2.859	2.798	70- 80	8.067	4114	100,100
90	0.1399	0.1044	0.1415	0.1129	0.1187	0.1185	0.2560	0.1222	80- 90	1.161	4115	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3925.3 lm

%lum = 95.4%

%lamp = 95.4%

Conical surface Flux(120deg): 4073.9 lm

%lum = 99.0%

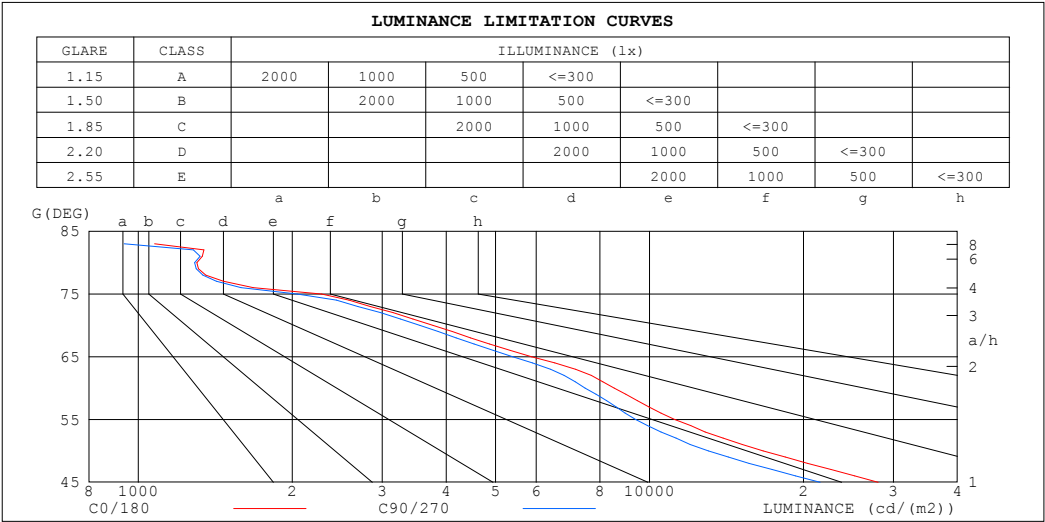
%lamp = 99.0%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	671	655
80	1302	1289
75	2285	2046
70	3773	3555
65	5883	5401
60	8528	7484
55	11199	9393
50	16686	13040
45	27999	21554

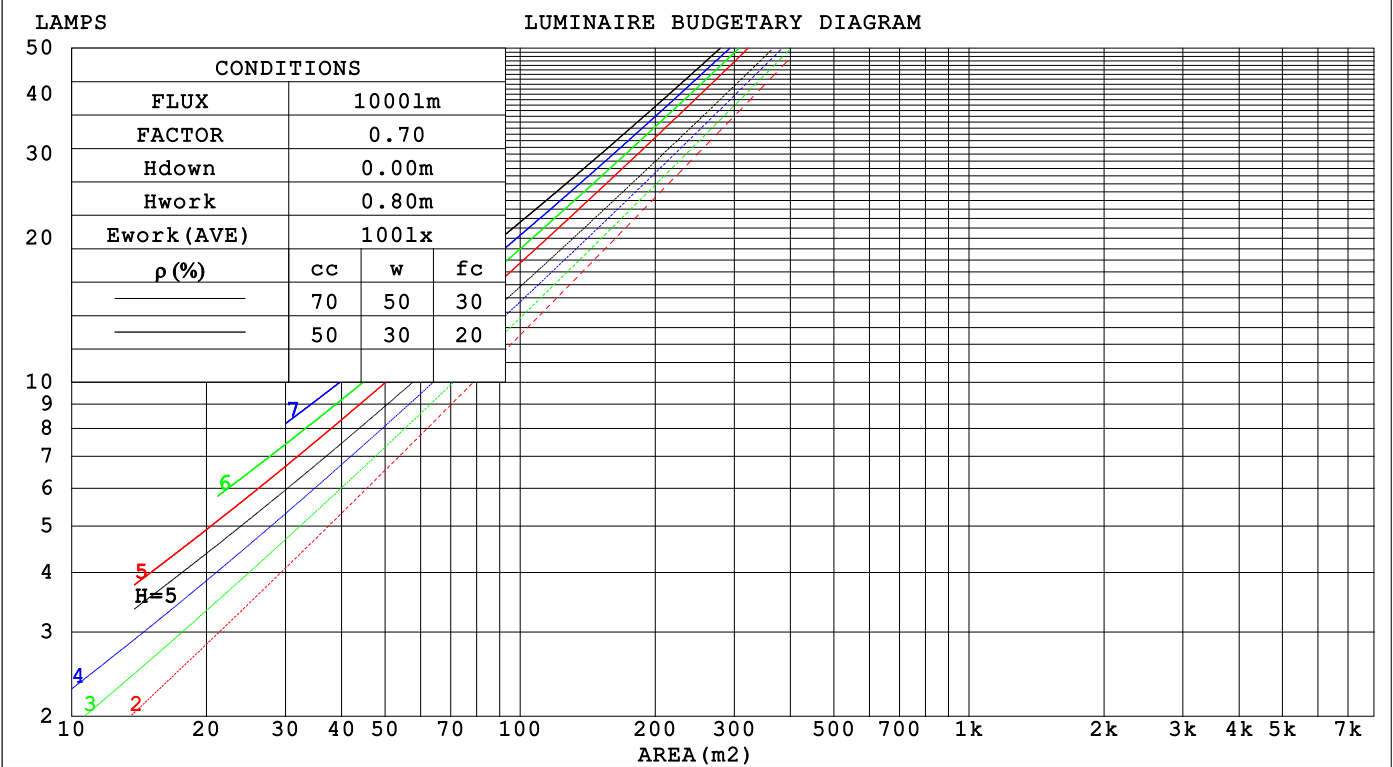
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943		
Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.82
4.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.73	.79	.76	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.75	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56
10.0	.64	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz			UTHDi:0.20% ITHDi:29.15% KDisp:0.9943			Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming lighting			SUR.: 131mm			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	.176	.100	.032	.169	.096	.031	.156	.090	.029	.145	.083	.027	.134	.078	.025															
2.0	.168	.092	.028	.162	.089	.028	.152	.084	.026	.142	.080	.025	.133	.075	.024															
3.0	.160	.085	.025	.155	.083	.025	.146	.079	.024	.137	.075	.023	.130	.072	.022															
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.133	.071	.021	.126	.068	.021															
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.021	.128	.067	.020	.122	.065	.020															
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018															
7.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.119	.061	.018	.114	.059	.017															
8.0	.126	.062	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.016															
9.0	.121	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.107	.054	.016															
10.0	.116	.056	.015	.114	.055	.015	.110	.054	.015	.106	.053	.015	.103	.052	.015															

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.031	.085	.051	.027	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.095	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz											
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943					Lamp Flux:4115.12x1 lm						
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming lighting						SUR.: 131mm		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	2H	19.0	19.9	19.2	20.1	20.2	18.3	19.3	18.6	19.4	19.6
	3H	18.9	19.8	19.2	20.0	20.2	18.3	19.1	18.5	19.3	19.5
	4H	18.8	19.7	19.1	19.9	20.1	18.2	19.0	18.5	19.2	19.5
	6H	18.8	19.5	19.1	19.8	20.0	18.1	18.9	18.4	19.1	19.4
	8H	18.7	19.4	19.0	19.7	20.0	18.1	18.8	18.4	19.1	19.3
	12H	18.7	19.4	19.0	19.6	19.9	18.0	18.7	18.4	19.0	19.3
4H	2H	18.8	19.6	19.1	19.8	20.1	18.2	19.0	18.5	19.2	19.5
	3H	18.8	19.5	19.1	19.7	20.0	18.2	18.9	18.5	19.1	19.4
	4H	18.7	19.3	19.0	19.6	19.9	18.1	18.7	18.4	19.0	19.3
	6H	18.6	19.2	19.0	19.5	19.9	18.0	18.6	18.4	18.9	19.3
	8H	18.6	19.1	19.0	19.4	19.8	18.0	18.5	18.4	18.8	19.2
	12H	18.5	19.0	18.9	19.4	19.8	17.9	18.4	18.3	18.8	19.2
8H	4H	18.6	19.1	19.0	19.4	19.8	18.0	18.5	18.4	18.8	19.2
	6H	18.5	18.9	18.9	19.3	19.7	17.9	18.3	18.3	18.7	19.1
	8H	18.4	18.8	18.9	19.2	19.7	17.8	18.2	18.3	18.6	19.1
	12H	18.4	18.7	18.9	19.1	19.6	17.8	18.1	18.3	18.6	19.0
12H	4H	18.5	19.0	18.9	19.4	19.8	17.9	18.4	18.3	18.8	19.2
	6H	18.4	18.8	18.9	19.2	19.7	17.8	18.2	18.3	18.6	19.1
	8H	18.4	18.7	18.9	19.1	19.6	17.8	18.1	18.3	18.6	19.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.7 / - 4.6					+ 2.4 / - 4.6				
1.5H		+ 4.3 / - 3.8					+ 4.1 / - 3.4				
2.0H		+ 4.3 / - 3.1					+ 3.4 / - 2.5				

CIE Pub.117, 4115 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.9$ )  
Area: 0.0134 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

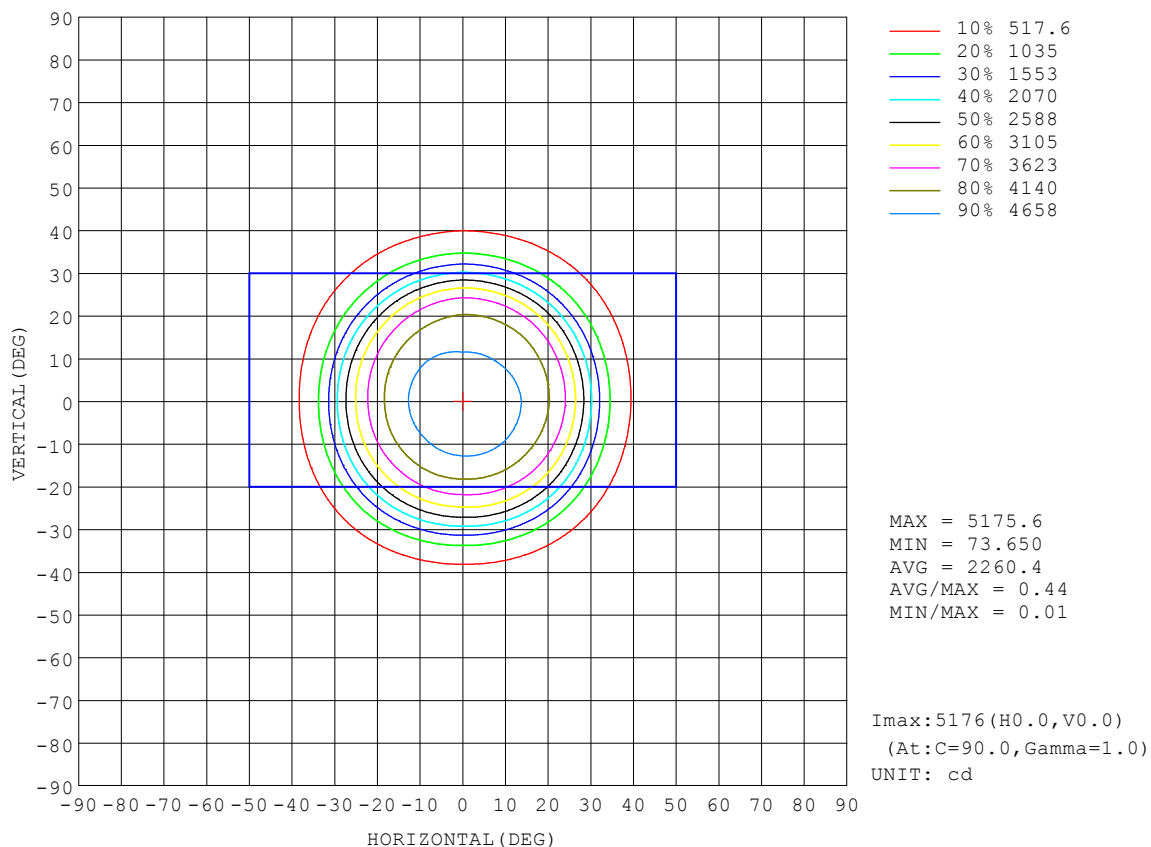
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	85	94	88	84	92	87	84	80
1.00	99	93	89	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	100	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	107	106	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



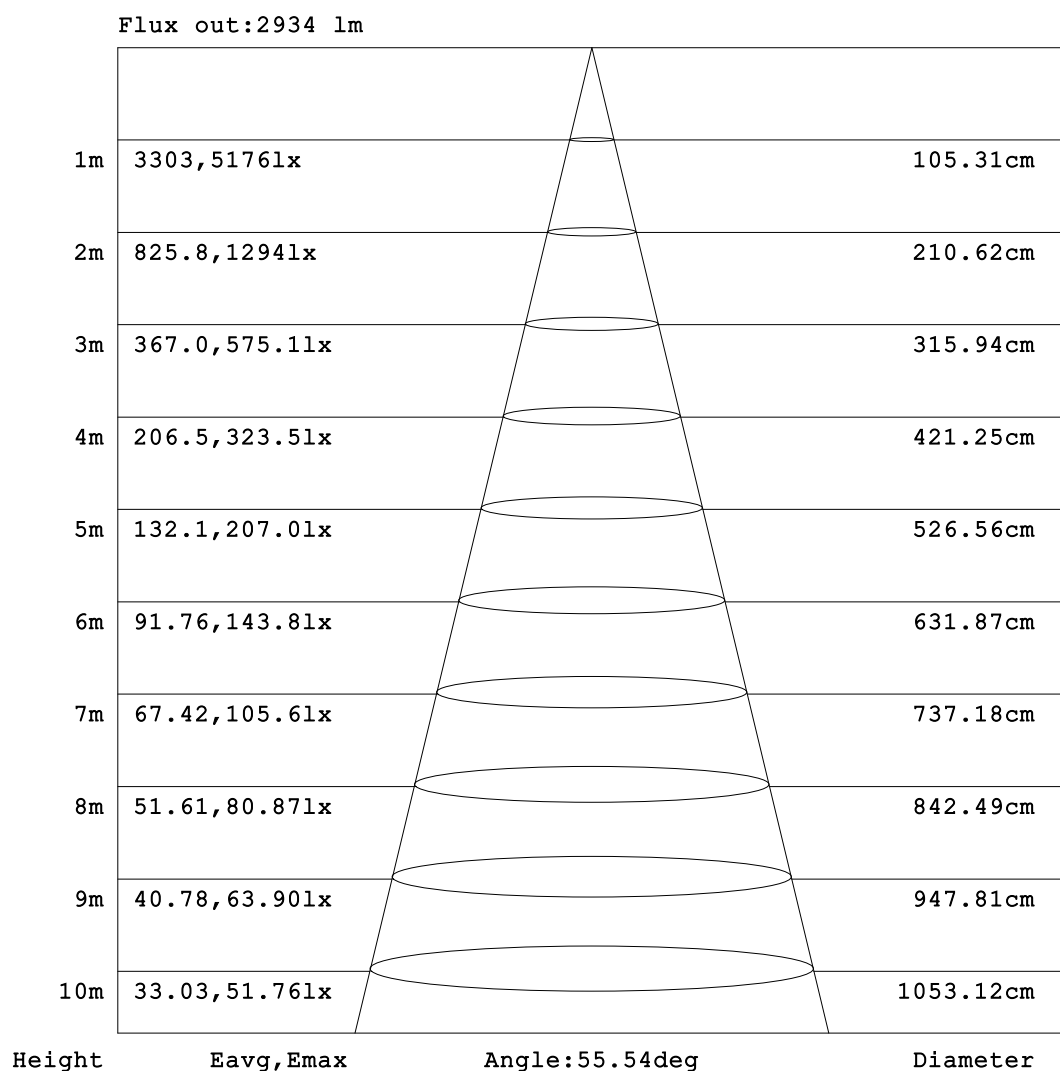
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



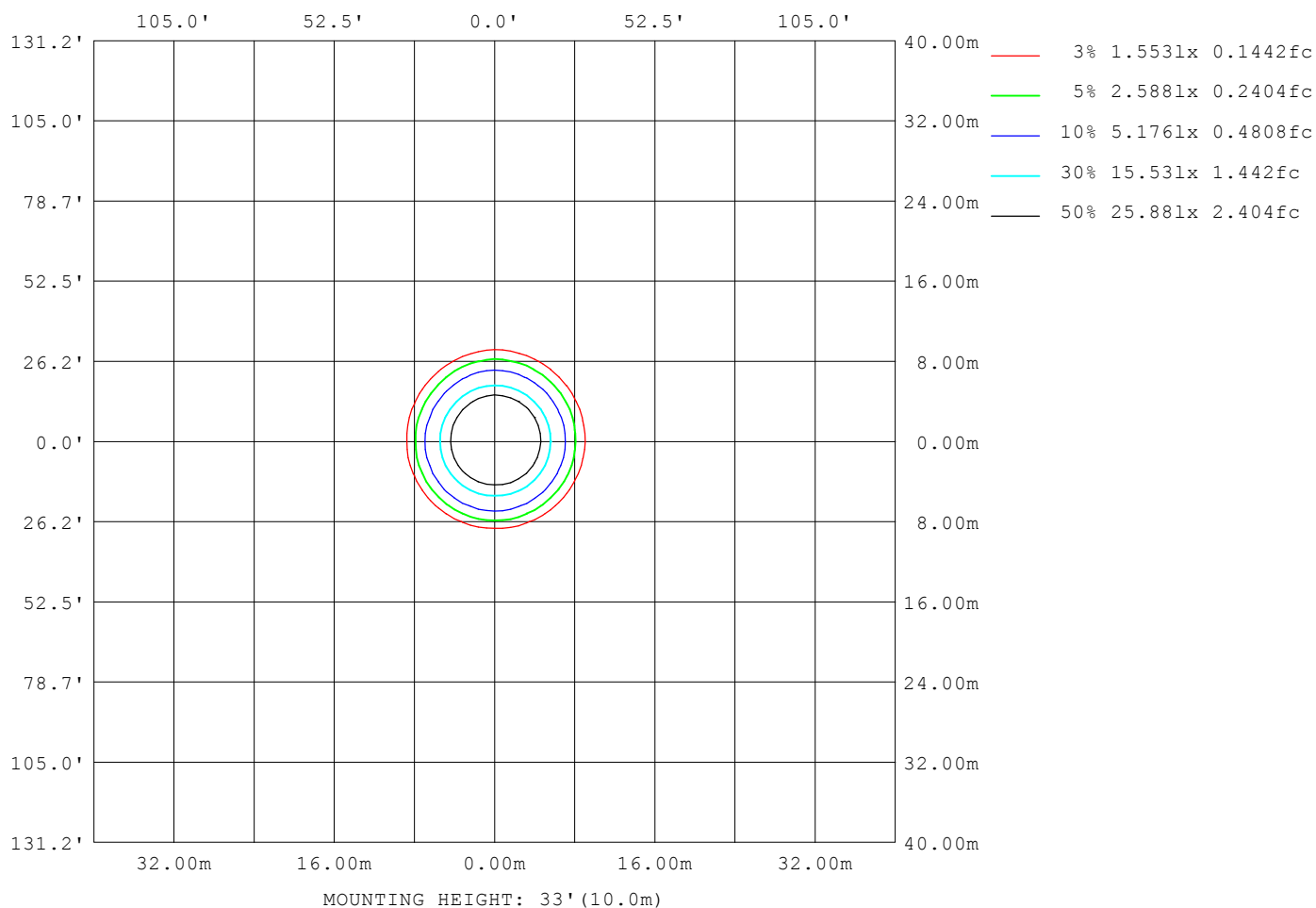
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:240.4V I:0.1849A P:44.1W PF:0.9921 Freq:49.99Hz		
UTHDi:0.20% ITHDi:29.15% KDisp:0.9943 Lamp Flux:4115.12x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 60D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

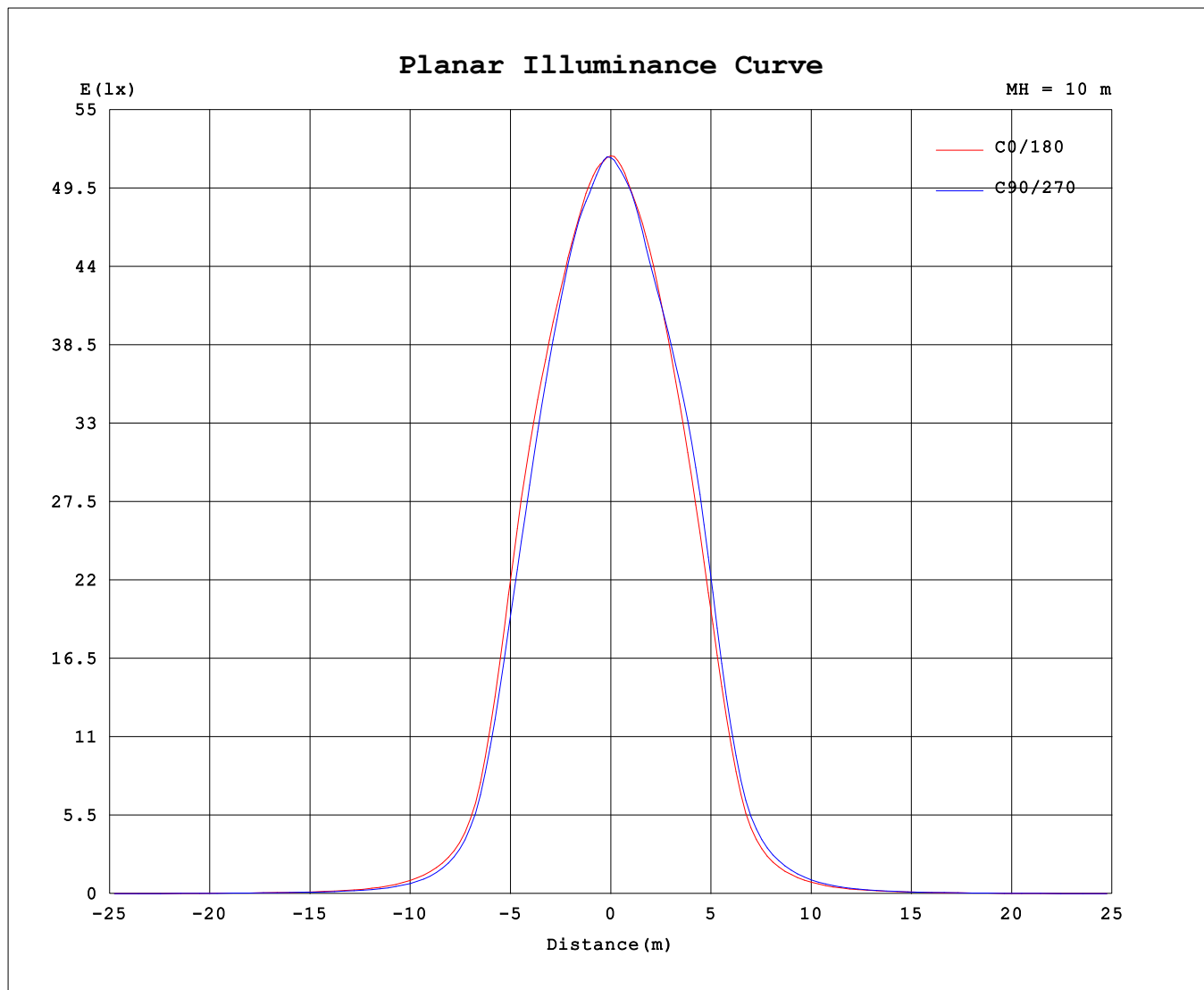
AvgL	cd/m2
L_0~180 (65) av	5418
L_0~180 (75) av	1922
L_0~180 (85) av	600
L_90~270 (65) av	5434
L_90~270 (75) av	1942
L_90~270 (85) av	760
L_45 (65) av	5423
L_45 (75) av	1914
L_45 (85) av	577

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

```

## Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	5169	5169	5169	5169	5169	5169	5169	5169
3.0	5132	5140	5125	5109	5120	5119	5092	5097
6.0	5056	5035	5002	4986	4995	5003	4998	5003
9.0	4914	4921	4902	4876	4872	4869	4823	4842
12.0	4760	4760	4719	4691	4703	4695	4635	4674
15.0	4578	4535	4475	4453	4467	4482	4493	4532
18.0	4351	4248	4170	4164	4172	4248	4315	4359
21.0	4056	3902	3759	3763	3799	3921	4084	4103
24.0	3632	3440	3245	3264	3314	3456	3675	3690
27.0	2961	2805	2624	2646	2673	2784	2990	3004
30.0	2123	2048	1882	1928	1910	1959	2128	2131
33.0	1324	1288	1174	1224	1179	1209	1351	1337
36.0	812.3	767.5	715.8	742.2	717.6	753.0	857.4	851.5
39.0	543.7	495.6	458.3	472.4	471.3	513.5	580.3	567.7
42.0	379.5	341.8	303.0	312.1	327.3	360.0	405.8	397.3
45.0	264.9	236.1	204.4	213.1	229.1	249.9	277.8	273.5
48.0	182.4	162.4	140.6	145.7	160.3	173.2	188.5	187.0
51.0	127.9	114.9	101.3	104.5	114.7	122.5	130.4	130.3
54.0	94.69	85.75	78.15	78.84	85.67	91.66	94.55	96.09
57.0	72.59	67.31	62.72	61.94	66.53	71.04	72.47	73.83
60.0	57.06	53.27	50.18	49.04	52.06	55.05	55.96	57.84
63.0	43.52	41.02	39.01	36.55	37.01	38.72	40.69	43.59
66.0	29.05	28.05	27.00	25.07	24.65	25.70	27.20	29.05
69.0	19.71	19.38	18.56	17.30	16.79	17.36	18.71	19.68
72.0	13.03	12.83	12.34	11.38	10.96	11.15	12.06	12.89
75.0	7.914	7.734	7.103	6.080	5.419	5.385	6.365	7.347
78.0	3.771	3.815	3.732	3.407	3.238	3.146	3.433	3.494
81.0	2.792	2.817	2.771	2.481	2.353	2.325	2.759	2.585
84.0	1.000	0.9915	0.9587	0.8494	0.7910	0.7541	1.191	0.8532
87.0	0.4441	0.4096	0.4053	0.3220	0.2891	0.2825	0.5118	0.3639
90.0	0.1399	0.1044	0.1415	0.1129	0.1187	0.1185	0.2560	0.1222

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-24

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks: