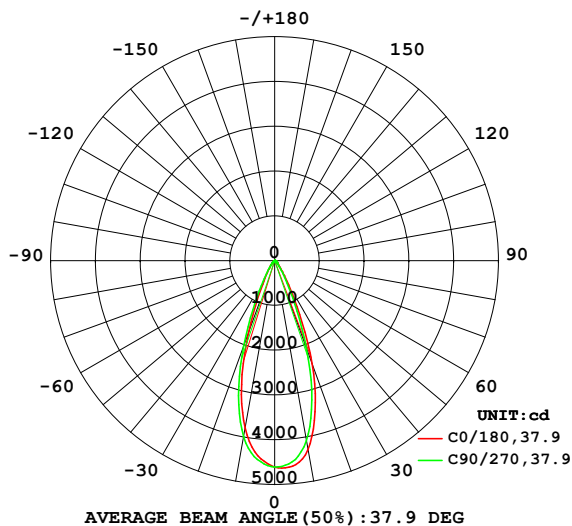


## LUMINAIRE PHOTOMETRIC TEST REPORT

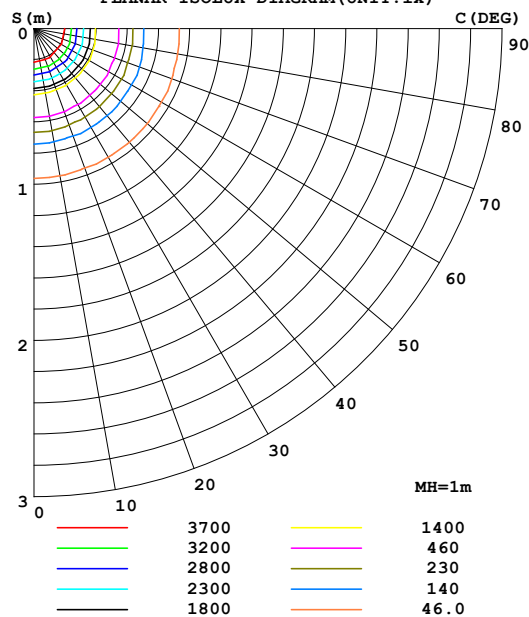
Test:U:240.4V I:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.60 lm/W			
MODEL		I <sub>max</sub> (cd)	4637	S/MH(C0/180)	0.55
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.59
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2089.2	η UP,DN(C0-180)	0.0,52.1
NOMINAL FLUX(lm)	2089.16	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	240.39	η down(%)	100.0	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

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	4285	4221	4080	3875	3798	3846	3996	4199	0- 10	414.3	414.3	19.8,19.8
20	2451	2346	2085	1813	1692	1768	2033	2303	10- 20	857.5	1272	60.9,60.9
30	630.8	603.2	504.5	422.6	387.2	407.5	474.3	579.4	20- 30	505.5	1777	85.1,85.1
40	173.6	168.8	150.3	133.2	124.8	128.0	142.3	160.6	30- 40	170.6	1948	93.2,93.2
50	73.16	70.33	67.60	59.38	56.49	58.40	64.82	68.55	40- 50	75.16	2023	96.8,96.8
60	36.33	34.89	33.35	29.03	28.17	29.11	32.86	34.57	50- 60	41.63	2065	98.8,98.8
70	12.08	10.87	8.870	7.890	7.746	9.258	10.77	11.81	60- 70	20.00	2085	99.8,99.8
80	1.612	1.429	1.314	1.278	1.363	1.507	1.788	1.748	70- 80	3.936	2089	100,100
90	0.0668	0.0376	0.0651	0.0471	0.0490	0.0399	0.0497	0.0459	80- 90	0.5304	2089	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): 1991.5 lm

%lum = 95.3%

%lamp = 95.3%

Conical surface Flux(120deg): 2064.7 lm

%lum = 98.8%

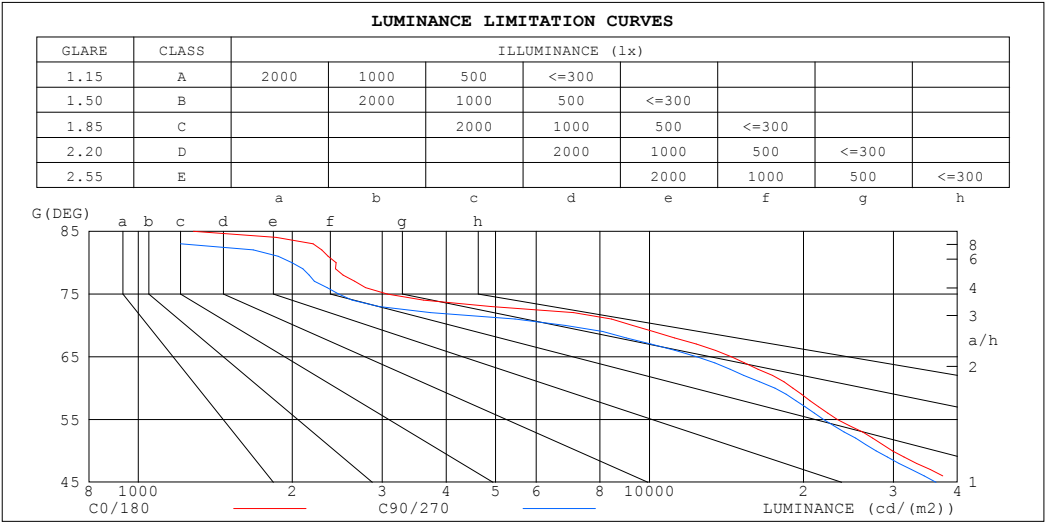
%lamp = 98.8%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

$\gamma$  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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1281	533
80	2436	1996
75	3068	2466
70	9268	6839
65	14458	12373
60	19070	17590
55	23305	21911
50	29871	27735
45	40088	36324

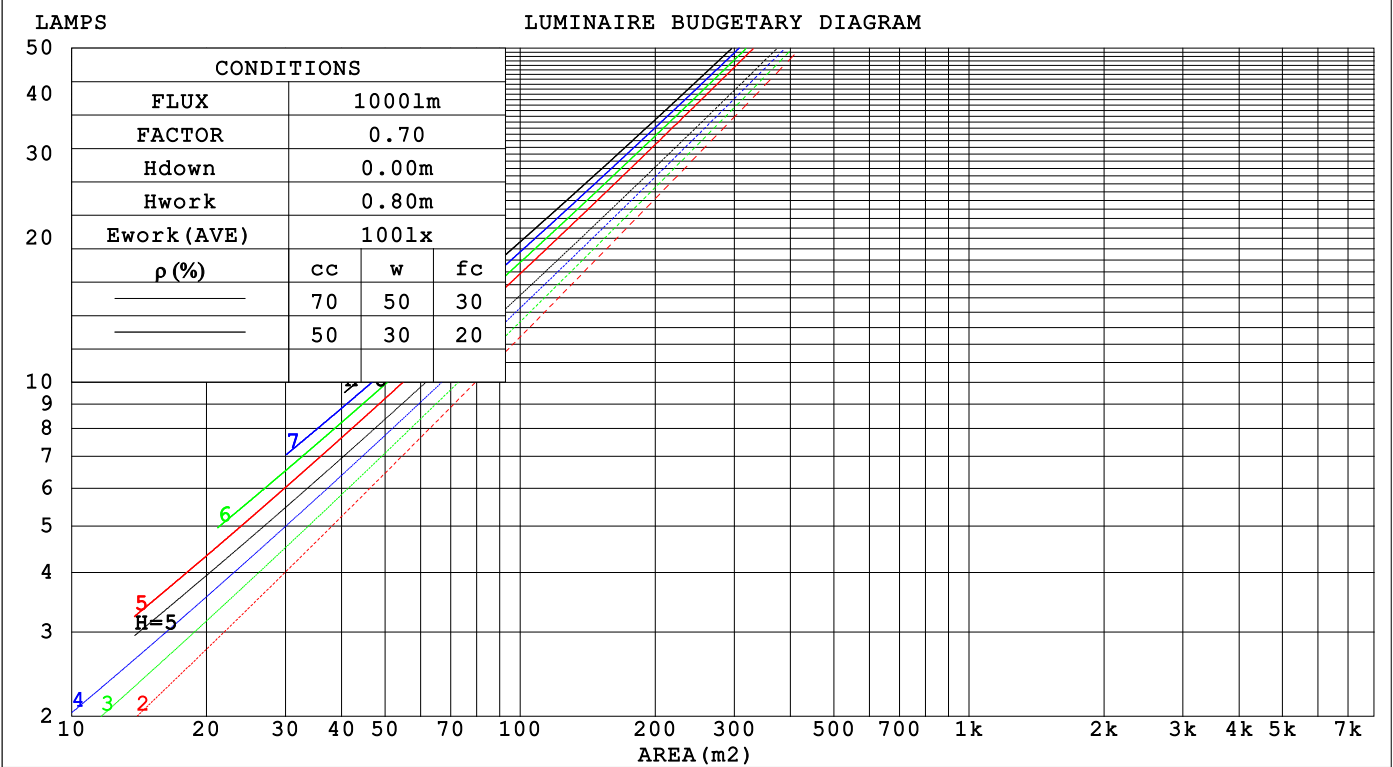
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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			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	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.05	1.01	.98	1.03	.00	.97	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.90
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.85	.83	.87	.84	.82	.81
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.77
6.0	.85	.80	.76	.84	.79	.76	.83	.78	.75	.81	.78	.75	.80	.77	.74	.73
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
8.0	.77	.72	.69	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.71	.68	.67
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.71	.68	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.69	.65	.62	.61



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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	.161	.092	.029	.155	.088	.028	.142	.082	.026	.131	.075	.024	.120	.070	.022															
2.0	.153	.084	.026	.147	.081	.025	.137	.076	.024	.127	.071	.022	.118	.067	.021															
3.0	.144	.077	.023	.139	.075	.022	.130	.071	.021	.122	.067	.021	.115	.064	.020															
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.111	.060	.018															
5.0	.129	.066	.019	.125	.064	.019	.119	.062	.018	.113	.060	.018	.107	.057	.017															
6.0	.122	.061	.018	.119	.060	.017	.114	.058	.017	.108	.056	.017	.103	.054	.016															
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.016	.100	.052	.015															
8.0	.111	.054	.015	.109	.054	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014															
9.0	.106	.051	.014	.104	.051	.014	.100	.050	.014	.097	.048	.014	.093	.047	.014															
10.0	.102	.049	.014	.100	.048	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013															

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	.170	.157	.146	.145	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.052	.096	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz										
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm										
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Norming lighting					SUR.: 70mm			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		19.2	20.0	19.4	20.2	20.3	18.7	19.5	18.9	19.7
	3H	19.4	20.1	19.6	20.3	20.5	18.8	19.5	19.0	19.7
	4H	19.3	20.0	19.6	20.2	20.4	18.7	19.4	19.0	19.6
	6H	19.2	19.9	19.5	20.1	20.4	18.6	19.3	18.9	19.5
	8H	19.2	19.8	19.5	20.1	20.3	18.6	19.2	18.9	19.5
	12H	19.1	19.8	19.5	20.0	20.3	18.5	19.2	18.9	19.4
4H	2H	19.2	19.9	19.5	20.2	20.4	18.7	19.5	19.0	19.7
	3H	19.4	20.0	19.7	20.3	20.6	18.9	19.5	19.2	19.7
	4H	19.3	19.9	19.7	20.2	20.5	18.8	19.4	19.1	19.6
	6H	19.3	19.8	19.6	20.1	20.4	18.7	19.2	19.1	19.5
	8H	19.2	19.7	19.6	20.0	20.4	18.7	19.1	19.0	19.5
	12H	19.2	19.6	19.6	20.0	20.4	18.6	19.0	19.0	19.4
8H	4H	19.2	19.7	19.6	20.0	20.4	18.7	19.1	19.1	19.5
	6H	19.1	19.5	19.6	19.9	20.3	18.6	19.0	19.0	19.4
	8H	19.1	19.4	19.5	19.8	20.3	18.5	18.9	19.0	19.3
	12H	19.0	19.3	19.5	19.8	20.2	18.5	18.8	18.9	19.2
12H	4H	19.2	19.6	19.6	20.0	20.3	18.6	19.0	19.0	19.4
	6H	19.1	19.4	19.5	19.8	20.3	18.5	18.9	19.0	19.3
	8H	19.0	19.3	19.5	19.8	20.2	18.5	18.8	18.9	19.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H		+ 1.7 / - 2.4				+ 1.4 / - 2.3				
1.5H		+ 2.7 / - 1.6				+ 2.1 / - 1.4				
2.0H		+ 2.3 / - 2.0				+ 2.2 / - 1.9				

CIE Pub.117, 2089 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.6$ )  
Area: 0.0038 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

$\gamma$  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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

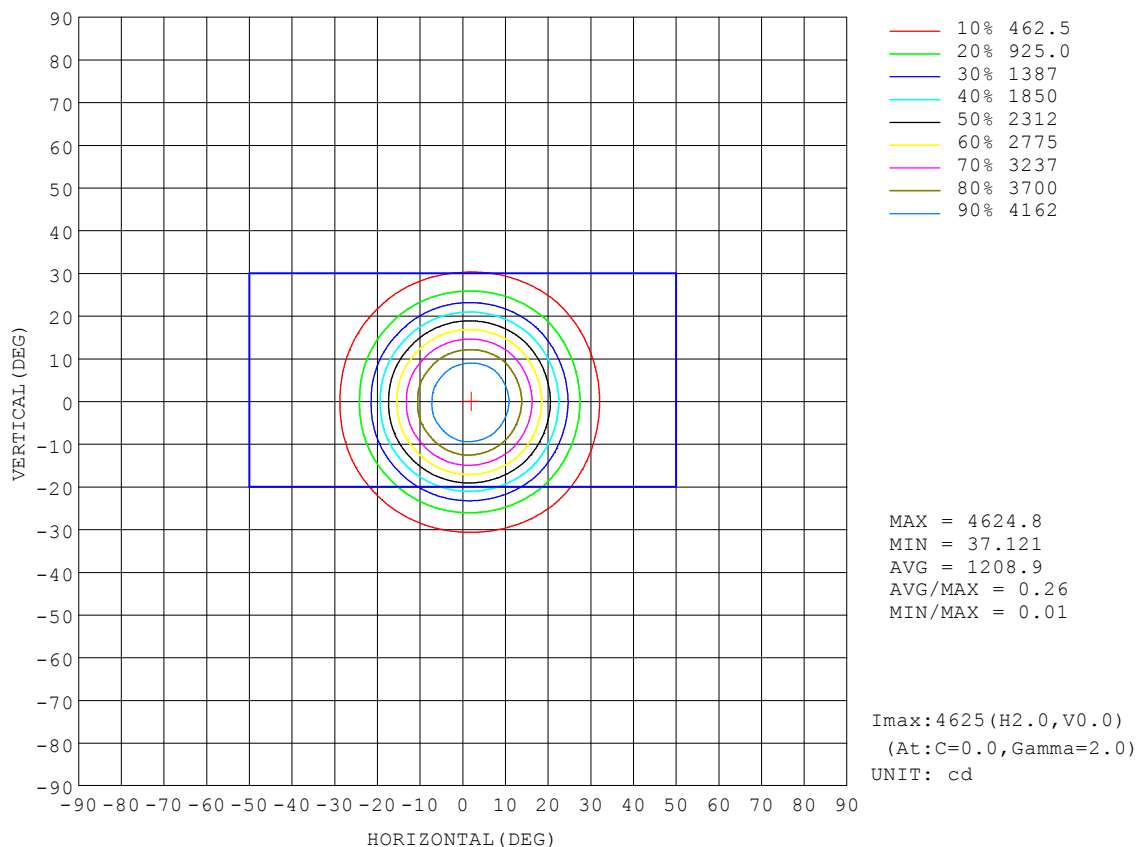
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	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	108	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: 2024-08-14

$\gamma$  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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



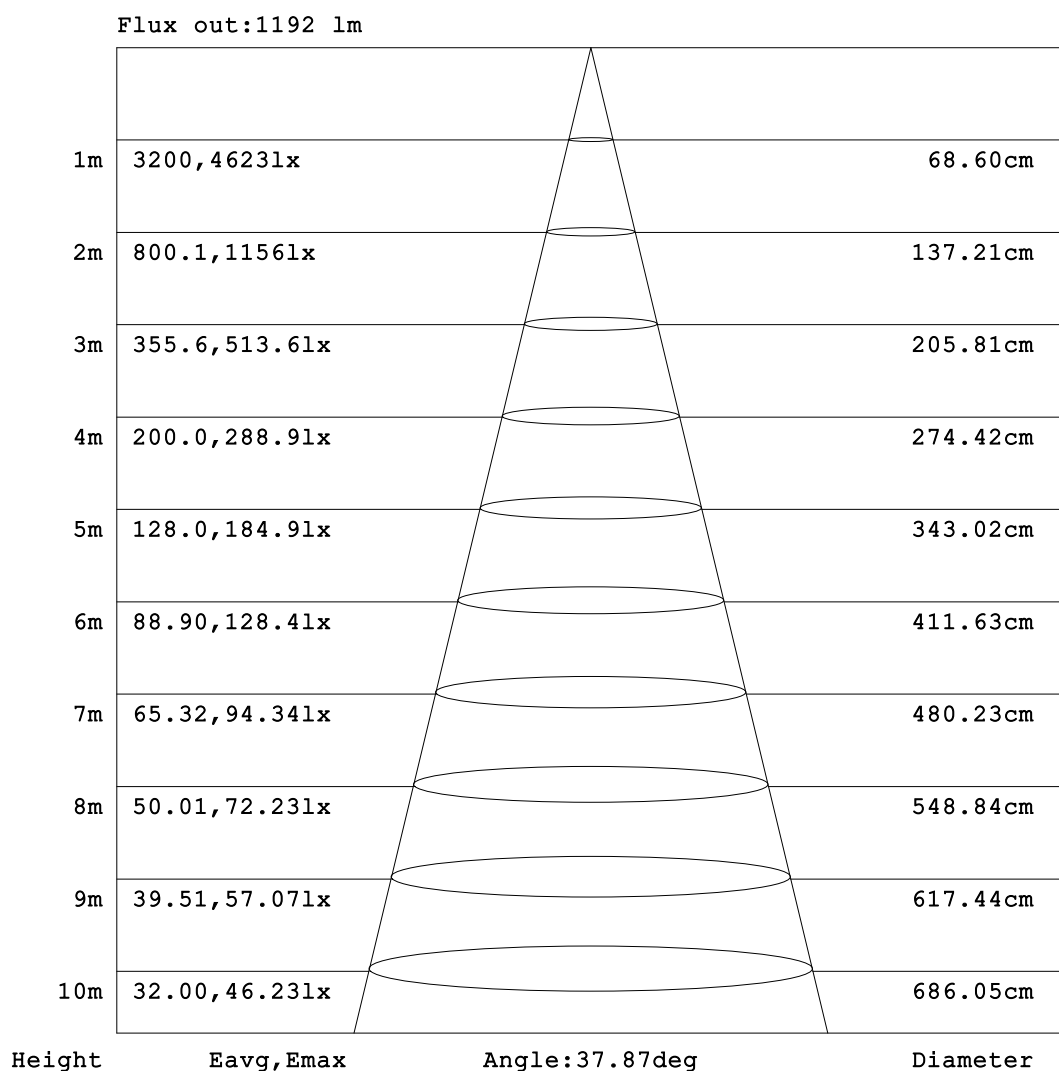
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-14

$\gamma$  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:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



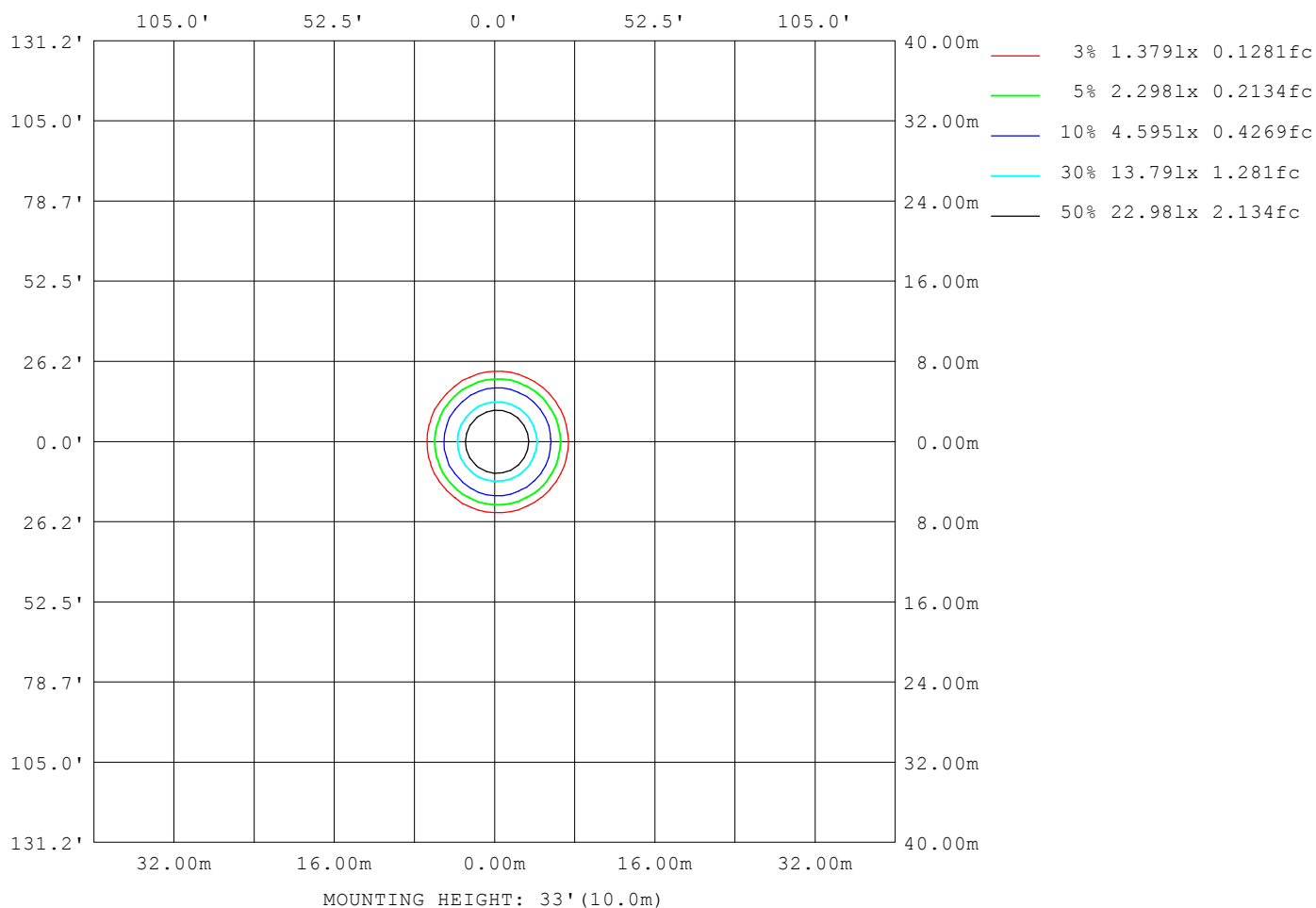
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

$\gamma$  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:

## ISOLUX DIAGRAM

Test:U:240.4V I:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

$\gamma$  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:

## LED Avg.L Report

Test:U:240.4V I:0.0837A P:19.8W PF:0.9833 Freq:49.99Hz UTHDi:0.16% ITHDi:6.52% KDisp:0.9876 Lamp Flux:2089.16x1 lm		
NAME: TR11-20-XX-01+白色防眩环 3000K RA90 36D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

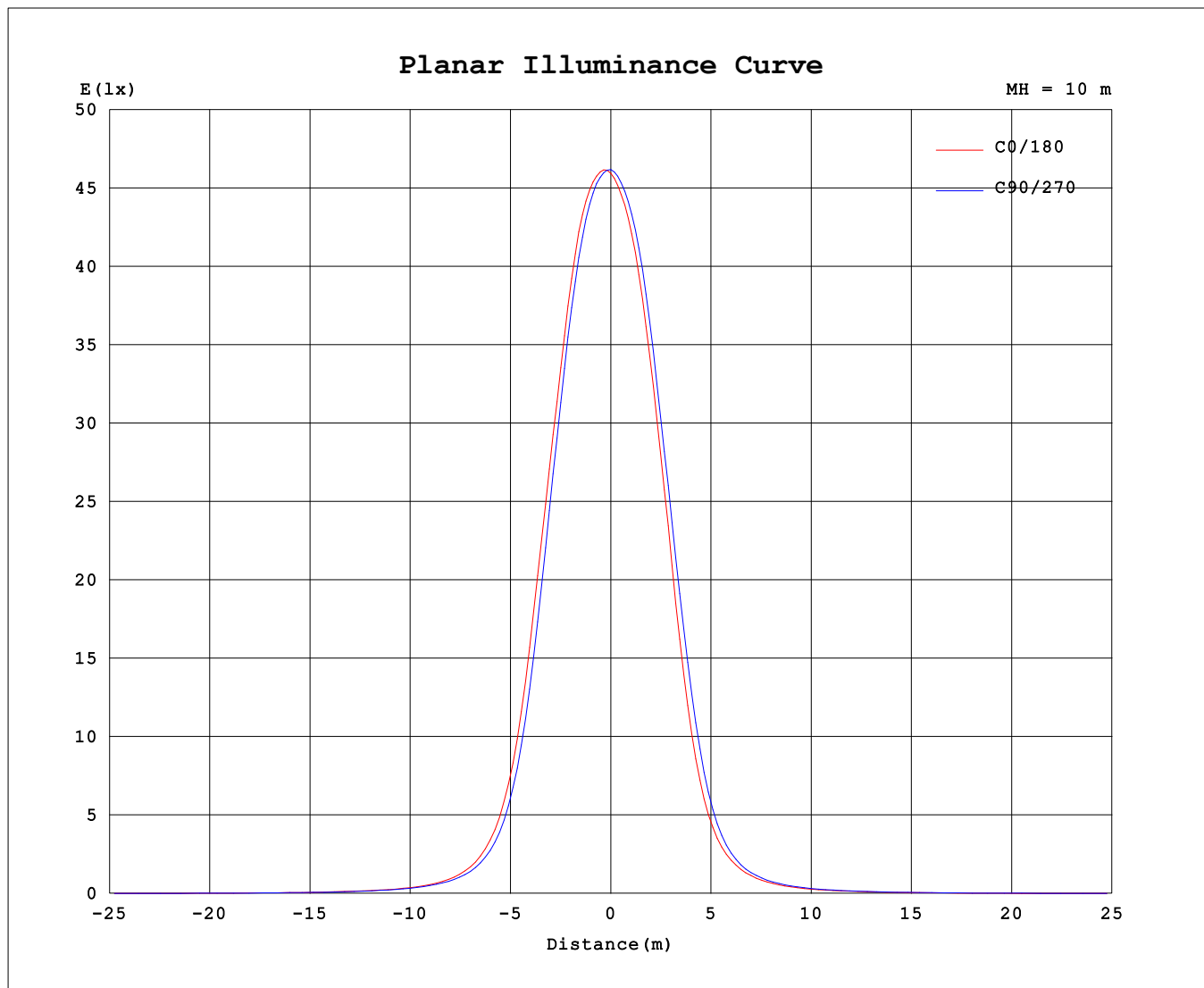
AvgL	cd/m2
L_0~180 (65) av	12470
L_0~180 (75) av	2818
L_0~180 (85) av	888
L_90~270 (65) av	12686
L_90~270 (75) av	2767
L_90~270 (85) av	628
L_45 (65) av	12315
L_45 (75) av	2756
L_45 (85) av	670

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-14

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: 2024-08-14

$\gamma$  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	4608	4608	4608	4608	4608	4608	4608	4608
3.0	4634	4620	4577	4514	4491	4502	4543	4599
6.0	4576	4545	4460	4338	4290	4314	4396	4507
9.0	4393	4329	4202	4017	3947	3991	4124	4306
12.0	4015	3947	3786	3551	3465	3514	3685	3925
15.0	3492	3427	3218	2965	2868	2922	3125	3390
18.0	2898	2812	2559	2277	2158	2233	2482	2754
21.0	2218	2107	1854	1600	1477	1550	1810	2069
24.0	1527	1451	1241	1037	949.3	1006	1208	1420
27.0	990.9	944.2	791.9	654.9	597.8	634.3	756.3	925.5
30.0	630.8	603.2	504.5	422.6	387.2	407.5	474.3	579.4
33.0	407.7	392.3	331.6	284.3	262.7	273.6	311.4	373.8
36.0	274.1	264.5	229.0	200.2	186.4	192.4	218.0	252.4
39.0	192.9	187.6	165.7	146.6	137.2	140.9	156.9	178.6
42.0	142.0	138.1	125.1	110.9	104.1	106.5	118.5	131.7
45.0	108.0	104.9	97.40	85.96	81.07	83.07	92.23	100.4
48.0	84.88	81.93	78.01	68.27	64.78	66.96	73.66	79.28
51.0	68.50	65.37	63.15	55.46	52.80	54.47	60.82	64.25
54.0	55.03	52.81	51.09	44.52	42.81	43.76	49.58	52.30
57.0	44.45	42.93	41.62	36.28	34.92	35.50	40.07	42.20
60.0	36.33	34.89	33.35	29.03	28.17	29.11	32.86	34.57
63.0	28.18	26.38	24.75	21.55	21.06	22.21	25.46	27.00
66.0	20.86	19.08	17.31	14.83	14.64	16.03	18.70	20.14
69.0	13.89	12.49	11.01	9.720	9.727	10.63	12.41	13.54
72.0	8.366	6.016	4.370	3.795	3.870	4.850	6.580	8.206
75.0	3.025	2.597	2.421	2.374	2.518	2.705	3.022	3.167
78.0	1.993	1.776	1.701	1.697	1.811	1.969	2.192	2.133
81.0	1.401	1.231	1.114	1.052	1.125	1.269	1.544	1.527
84.0	0.7411	0.4660	0.2501	0.1750	0.2025	0.2555	0.6064	0.7734
87.0	0.1705	0.1112	0.1107	0.0697	0.0903	0.0868	0.1375	0.1332
90.0	0.0668	0.0376	0.0651	0.0471	0.0490	0.0399	0.0497	0.0459

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-14

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: