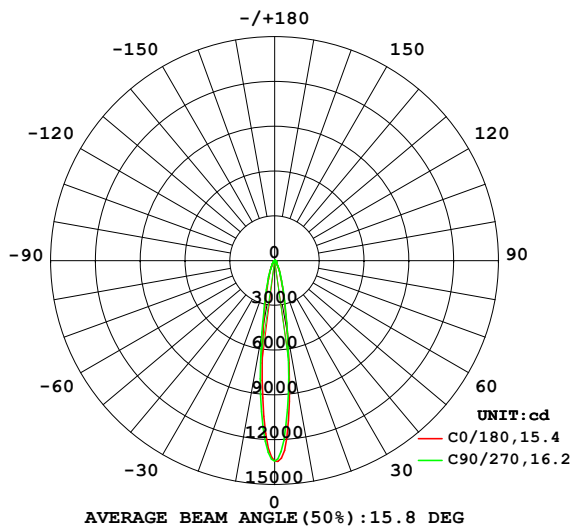


## LUMINAIRE PHOTOMETRIC TEST REPORT

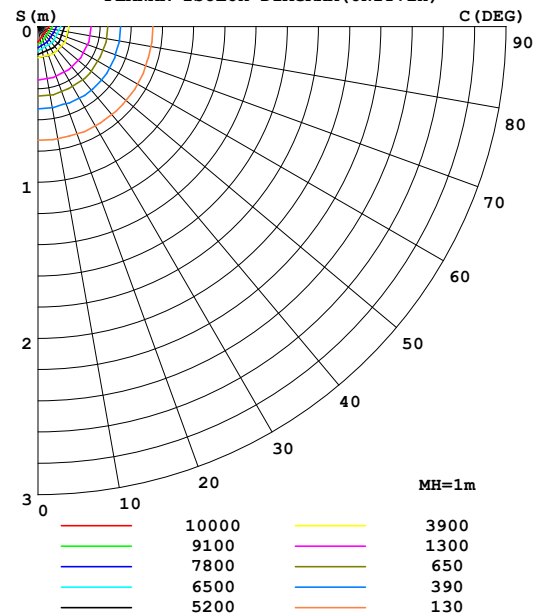
Test:U:240.4V I:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 108.27 lm/W			
MODEL		I <sub>max</sub> (cd)	13516	S/MH(C0/180)	0.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2127.9	η UP,DN(C0-180)	0.0,50.3
NOMINAL FLUX(lm)	2127.91	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.37	η down (%)	100.0	CIBSE SHR MAX	0.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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	495.7	475.8	497.8	453.8	433.5	449.8	495.7	544.4	0- 10	778.2	778.2	36.6,36.6
20	124.0	126.8	130.6	123.9	116.1	111.0	127.3	135.6	10- 20	664.9	1443	67.8,67.8
30	42.15	44.53	45.91	43.73	40.90	38.40	45.50	47.22	20- 30	341.8	1785	83.9,83.9
40	16.33	17.44	18.04	17.44	16.34	15.19	18.16	18.70	30- 40	172.8	1958	92,92
50	7.529	7.998	8.452	8.039	7.482	7.144	8.614	8.672	40- 50	90.55	2048	96.3,96.3
60	3.785	4.014	4.305	3.915	3.642	3.609	4.349	4.295	50- 60	51.49	2100	98.7,98.7
70	1.143	1.120	1.049	0.8073	0.7718	0.9416	1.113	1.206	60- 70	23.44	2123	99.8,99.8
80	0.1879	0.1713	0.1675	0.1454	0.1258	0.1380	0.1811	0.1937	70- 80	4.115	2127	100,100
90	0.0078	0.0042	0.0082	0.0048	0.0047	0.0041	0.0061	0.0049	80- 90	0.5988	2128	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:X10cd									UNIT:lm		

Conical surface Flux(90deg): 2009.7 lm

%lum = 94.4%

%lamp = 94.4%

Conical surface Flux(120deg): 2099.8 lm

%lum = 98.7%

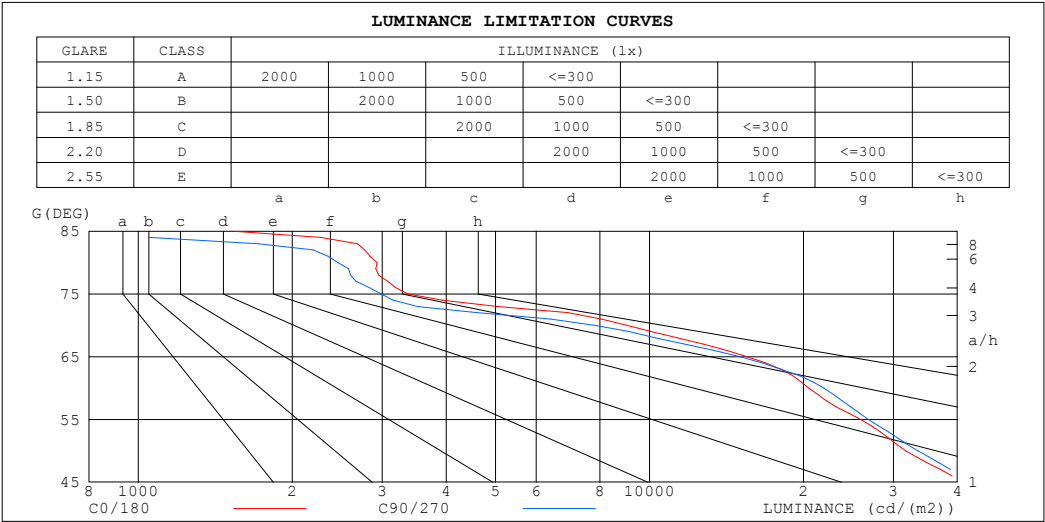
%lamp = 98.7%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1540	722
80	2932	2459
75	3370	2984
70	9058	7820
65	15512	15051
60	20515	21951
55	25896	26806
50	31743	33524
45	41431	43410

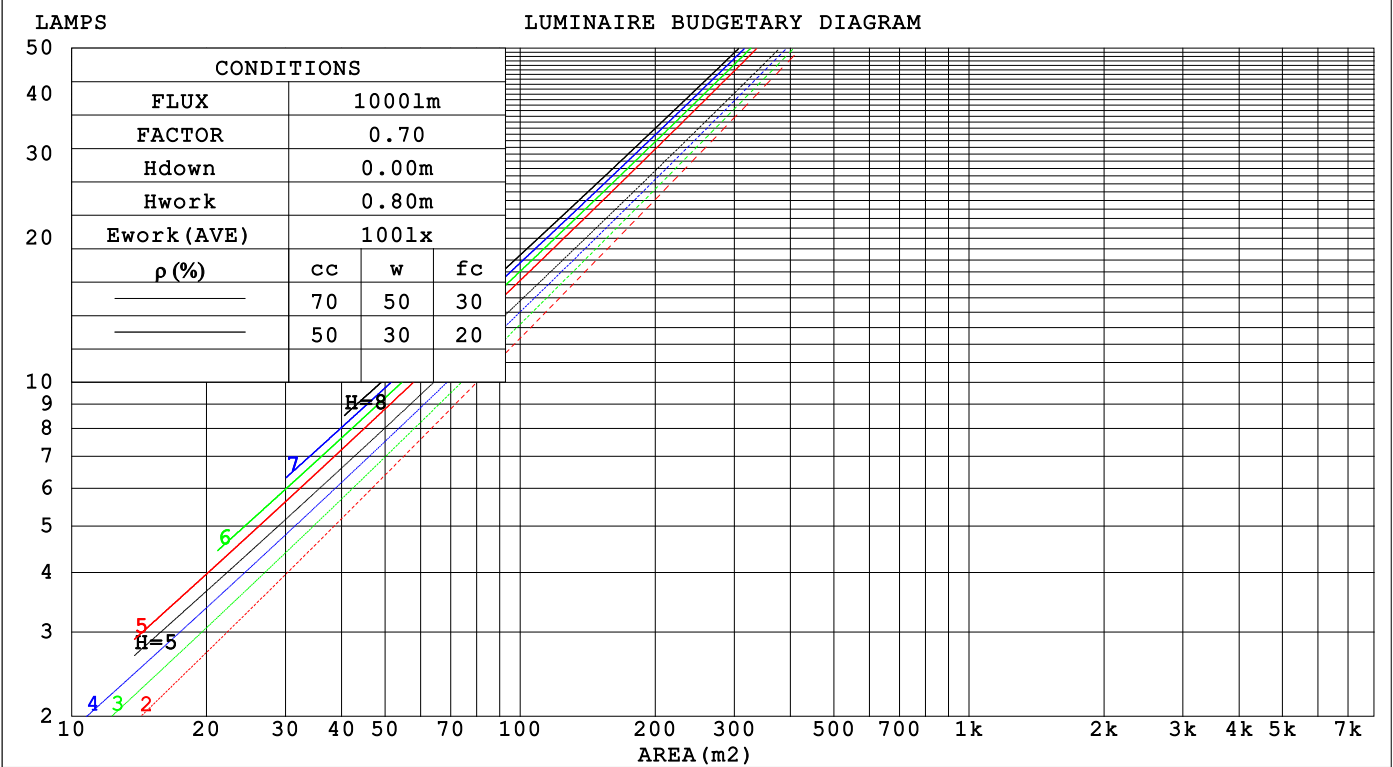
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875		
Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 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	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.86	.83	.88	.85	.82	.86	.84	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.78	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.82	.79	.76	.81	.78	.76	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.77	.74	.80	.76	.73	.79	.76	.73	.72
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
10.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 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	.151	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021															
2.0	.142	.078	.024	.137	.075	.023	.127	.070	.022	.117	.066	.021	.108	.061	.019															
3.0	.134	.071	.021	.129	.069	.021	.120	.065	.020	.112	.062	.019	.105	.058	.018															
4.0	.126	.065	.019	.122	.064	.019	.114	.061	.018	.107	.058	.017	.101	.055	.017															
5.0	.118	.060	.017	.115	.059	.017	.109	.057	.017	.103	.054	.016	.097	.052	.016															
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015															
7.0	.106	.052	.015	.103	.051	.015	.098	.050	.014	.094	.048	.014	.090	.047	.014															
8.0	.100	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013															
9.0	.096	.046	.013	.094	.046	.013	.090	.044	.013	.086	.043	.012	.083	.042	.012															
10.0	.091	.044	.012	.089	.043	.012	.086	.042	.012	.083	.041	.012	.080	.040	.012															

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.053	.035	.056	.038	.024	.032	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.9lx1 lm											
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 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	2H	19.2	20.0	19.4	20.1	20.3	19.4	20.1	19.6	20.3	20.4
	3H	19.4	20.1	19.7	20.3	20.5	19.5	20.2	19.8	20.4	20.6
	4H	19.4	20.0	19.6	20.2	20.4	19.4	20.1	19.7	20.3	20.5
	6H	19.3	19.9	19.6	20.1	20.4	19.4	20.0	19.7	20.2	20.5
	8H	19.2	19.8	19.5	20.1	20.3	19.3	19.9	19.6	20.2	20.4
	12H	19.2	19.8	19.5	20.0	20.3	19.3	19.9	19.6	20.1	20.4
4H	2H	19.4	20.0	19.6	20.2	20.4	19.5	20.1	19.8	20.4	20.6
	3H	19.5	20.1	19.9	20.4	20.7	19.6	20.2	19.9	20.5	20.7
	4H	19.5	20.0	19.8	20.3	20.6	19.6	20.1	19.9	20.4	20.7
	6H	19.4	19.9	19.8	20.2	20.5	19.5	19.9	19.8	20.3	20.6
	8H	19.4	19.8	19.7	20.1	20.5	19.4	19.9	19.8	20.2	20.6
	12H	19.3	19.7	19.7	20.1	20.5	19.4	19.8	19.8	20.1	20.5
8H	4H	19.4	19.8	19.7	20.1	20.5	19.4	19.9	19.8	20.2	20.6
	6H	19.3	19.6	19.7	20.0	20.4	19.3	19.7	19.8	20.1	20.5
	8H	19.2	19.6	19.7	20.0	20.4	19.3	19.6	19.7	20.0	20.5
	12H	19.2	19.5	19.6	19.9	20.4	19.2	19.5	19.7	19.9	20.4
12H	4H	19.3	19.7	19.7	20.1	20.5	19.4	19.8	19.8	20.1	20.5
	6H	19.2	19.5	19.7	20.0	20.4	19.3	19.6	19.7	20.0	20.5
	8H	19.2	19.5	19.6	19.9	20.4	19.2	19.5	19.7	20.0	20.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.3 / - 2.1					+ 1.3 / - 2.0					
1.5H	+ 1.8 / - 1.2					+ 1.9 / - 1.2					
2.0H	+ 2.0 / - 1.6					+ 2.0 / - 1.8					

CIE Pub.117, 2128 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: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

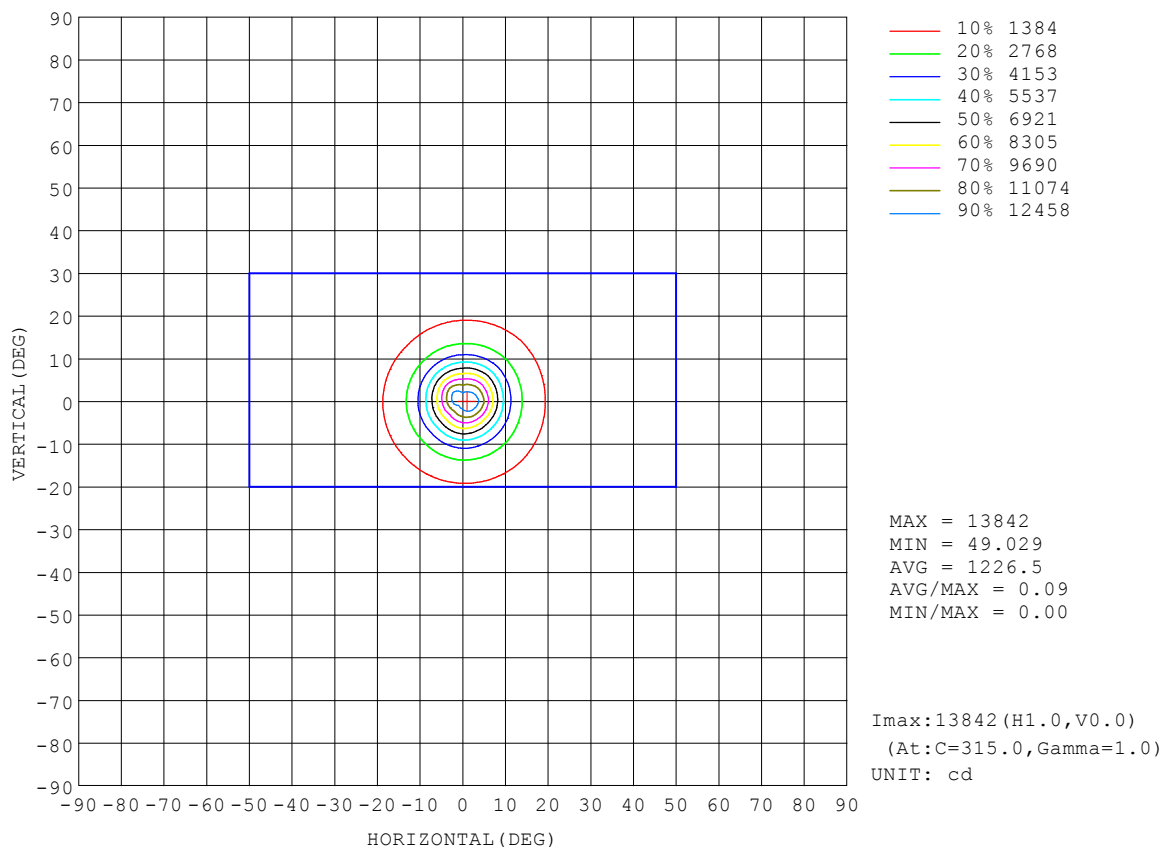
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	100	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
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: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-07

$\gamma$  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:

## ISOCANDELA DIAGRAM

Test:U:240.4V I:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



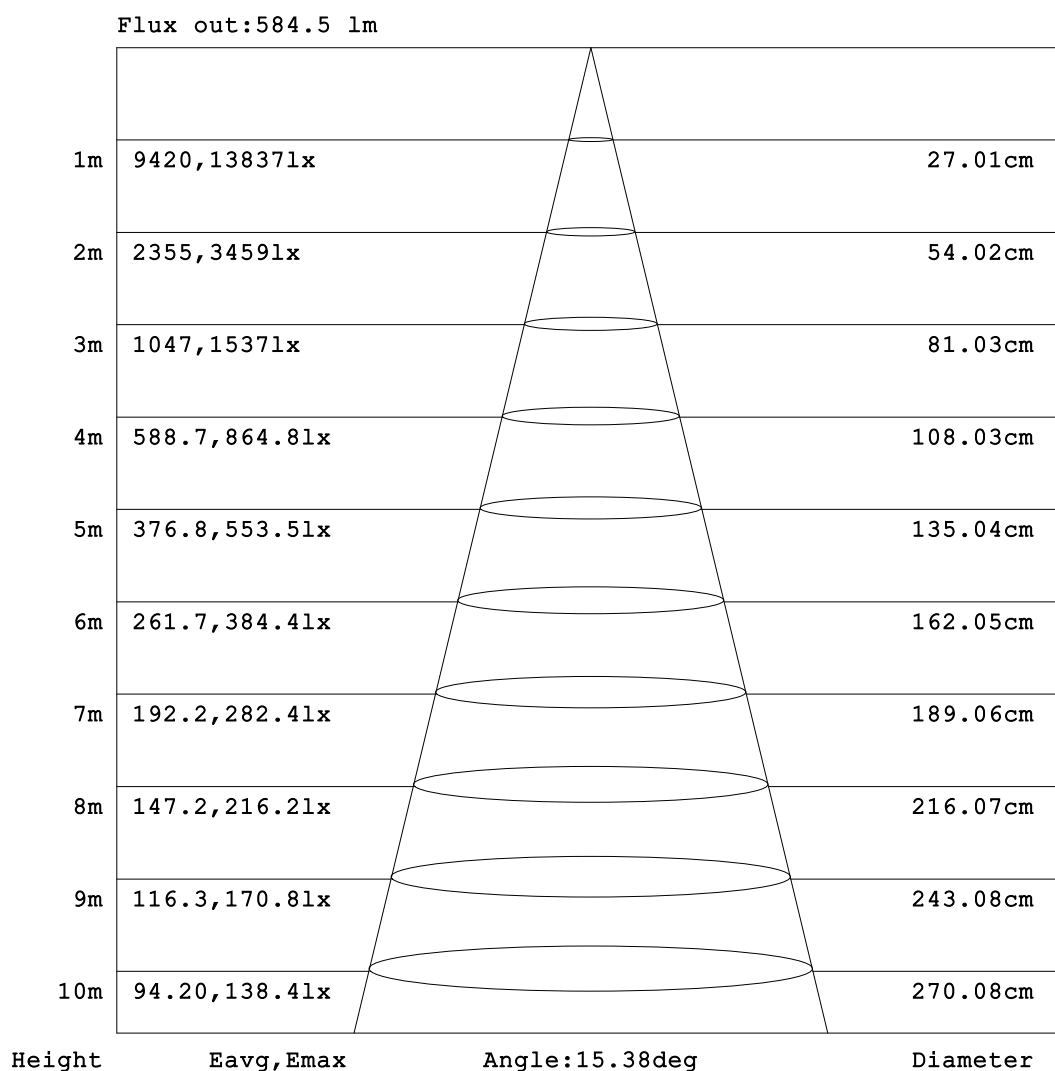
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

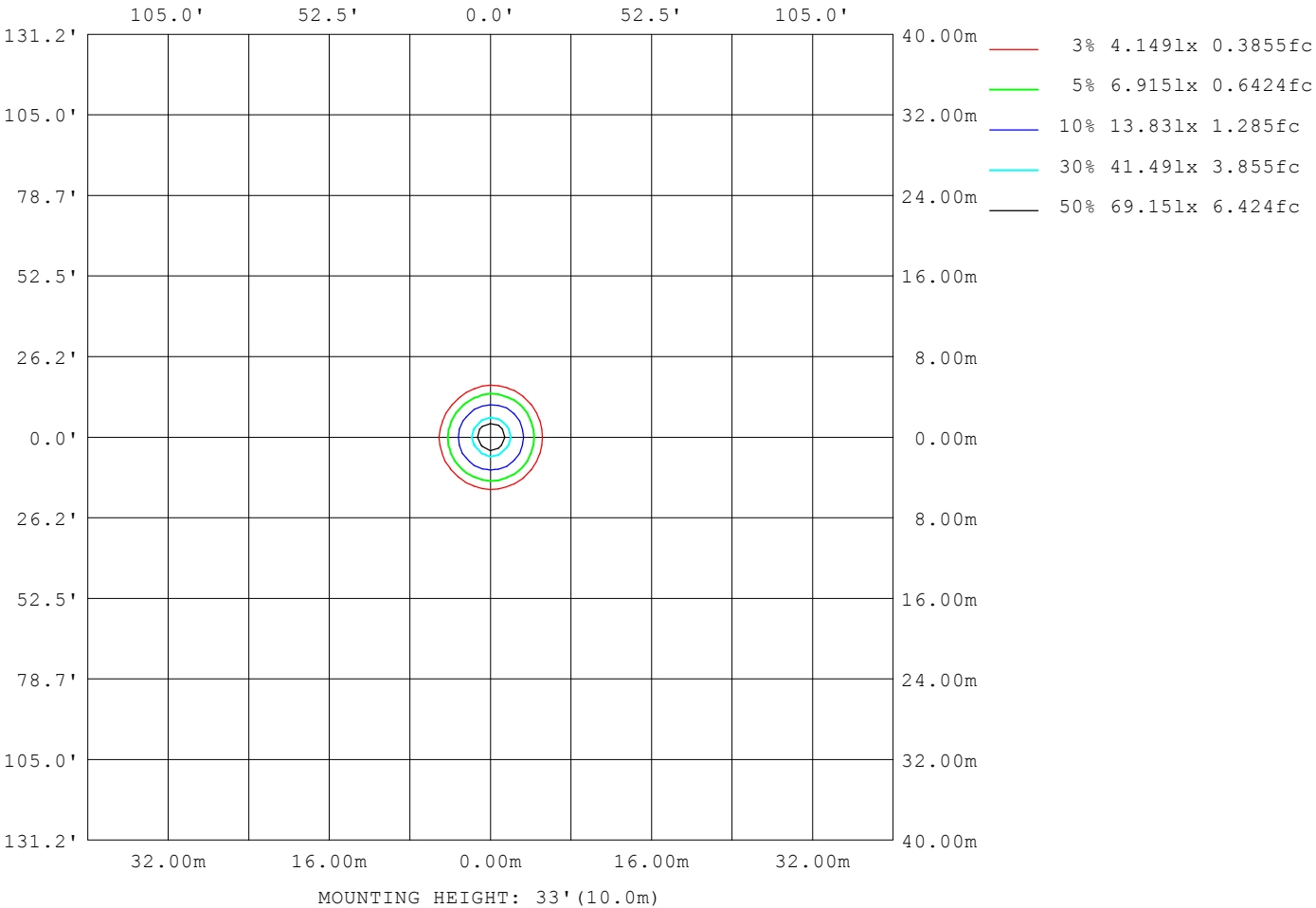


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz		
UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 45.0DEG	γ Interval: 1.0DEG
Test Speed: MEDIUM	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:3.090m [K=1.0000]
Test Date:2024-08-07	Remarks:

## LED Avg.L Report

Test:U:240.4V I:0.0832A P:19.7W PF:0.9827 Freq:49.99Hz UTHDi:0.18% ITHDi:6.41% KDisp:0.9875 Lamp Flux:2127.91x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 15D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

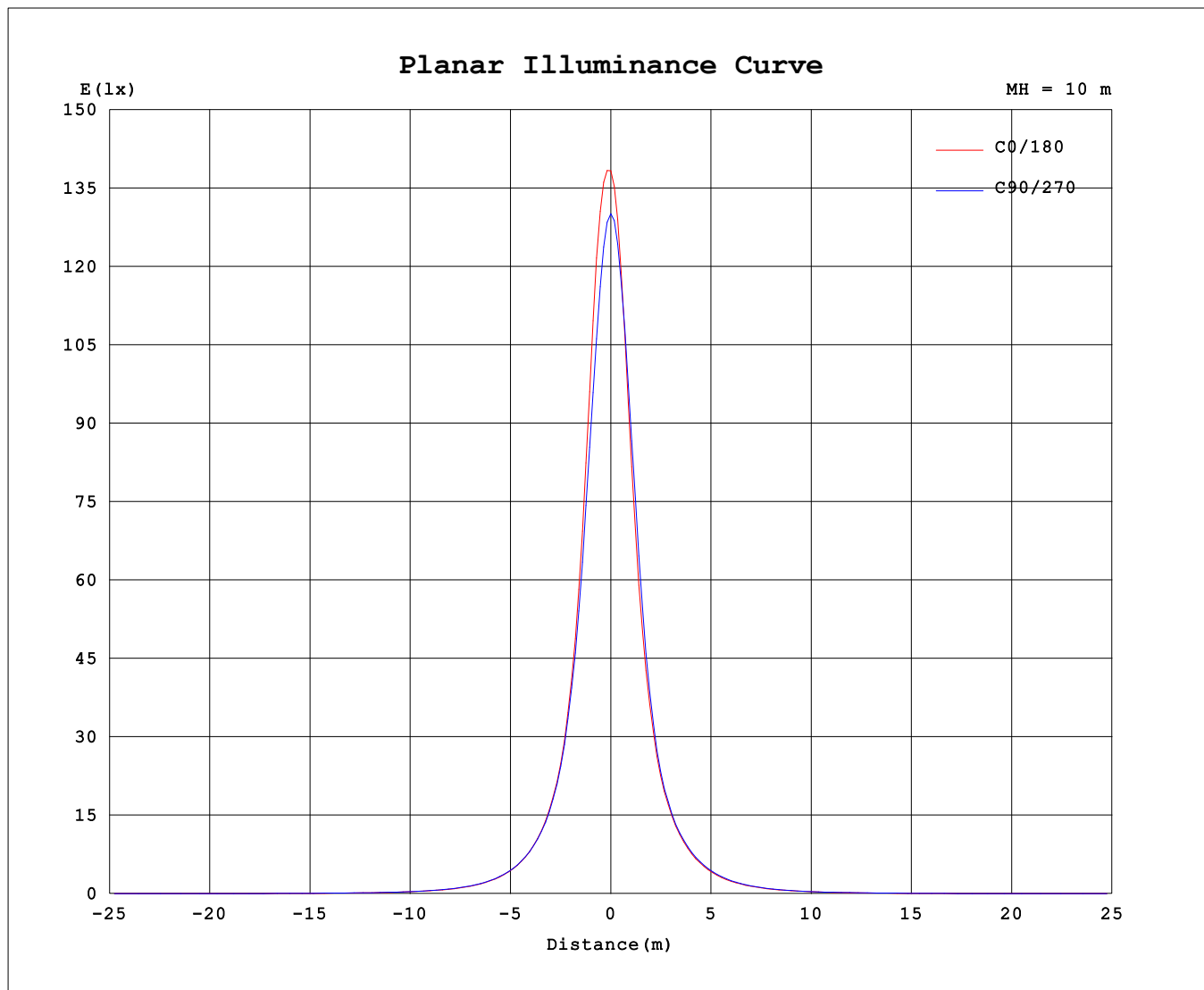
AvgL	cd/m2
L_0~180 (65) av	13481
L_0~180 (75) av	2893
L_0~180 (85) av	1030
L_90~270 (65) av	15677
L_90~270 (75) av	3166
L_90~270 (85) av	785
L_45 (65) av	14317
L_45 (75) av	2993
L_45 (85) av	788

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-07

$\gamma$  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	13429	13429	13429	13429	13429	13429	13429	13429
3.0	12727	12117	12038	11438	11601	12205	12140	12809
6.0	9479	8704	8966	8227	8061	8684	9096	9901
9.0	5864	5518	5796	5285	5055	5317	5847	6446
12.0	3595	3541	3698	3366	3203	3231	3586	3914
15.0	2308	2310	2402	2229	2109	2056	2302	2497
18.0	1575	1593	1648	1554	1462	1400	1593	1710
21.0	1104	1137	1170	1112	1039	991.7	1142	1212
24.0	792.1	826.4	848.7	807.4	753.8	717.6	833.0	876.6
27.0	574.7	603.9	620.7	590.5	551.6	521.5	612.3	640.1
30.0	421.5	445.3	459.1	437.3	409.0	384.0	455.0	472.2
33.0	312.9	331.7	342.9	327.3	306.8	286.3	340.7	353.2
36.0	234.7	249.2	258.0	247.4	232.1	216.3	257.4	267.0
39.0	178.4	190.5	196.7	190.2	178.3	165.4	197.9	203.9
42.0	137.7	147.0	152.5	147.5	138.1	128.7	154.2	158.0
45.0	108.1	115.6	120.4	116.2	108.6	101.5	122.3	124.0
48.0	86.66	92.26	97.21	92.71	86.45	81.92	98.44	99.51
51.0	70.75	74.46	78.90	75.57	69.84	66.80	80.58	80.96
54.0	58.80	60.81	64.52	60.48	56.33	54.42	66.08	66.74
57.0	46.52	49.27	52.83	49.17	45.76	44.24	53.43	52.72
60.0	37.85	40.14	43.05	39.15	36.42	36.09	43.49	42.95
63.0	30.28	31.27	32.21	27.66	25.63	26.81	32.72	33.46
66.0	21.23	21.44	21.31	17.16	16.02	17.48	21.82	22.92
69.0	13.32	13.09	12.82	10.59	9.987	10.98	13.20	14.07
72.0	7.888	6.688	5.571	4.119	3.838	5.037	5.974	7.586
75.0	3.218	2.959	3.030	2.697	2.473	2.738	3.198	3.379
78.0	2.264	2.092	2.121	1.904	1.624	1.807	2.259	2.359
81.0	1.639	1.480	1.442	1.227	1.053	1.176	1.571	1.675
84.0	0.8771	0.6039	0.4307	0.2241	0.2316	0.2787	0.5578	0.8282
87.0	0.2145	0.1417	0.1542	0.0850	0.0994	0.0965	0.1700	0.1676
90.0	0.0783	0.0424	0.0816	0.0480	0.0471	0.0415	0.0614	0.0490

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-07

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: