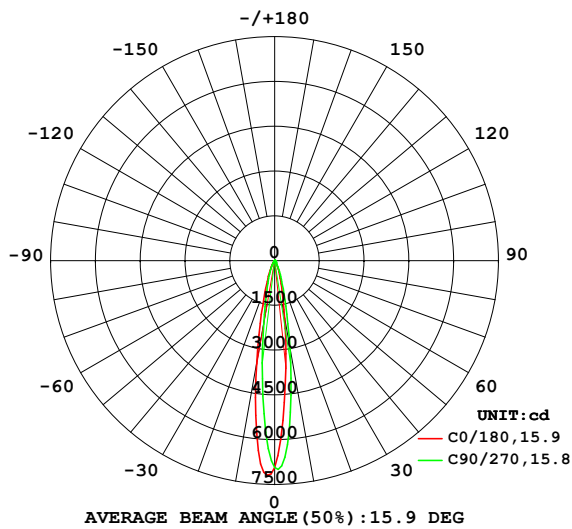


## LUMINAIRE PHOTOMETRIC TEST REPORT

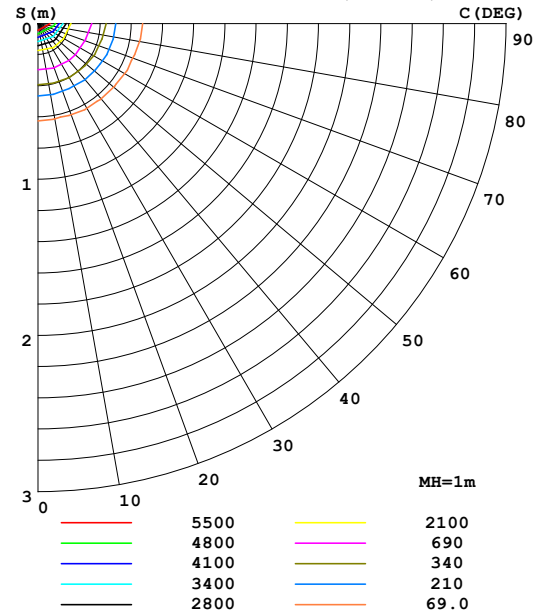
Test:U:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.55 lm/W
MODEL		I <sub>max</sub> (cd)	7286	S/MH(C0/180)	0.35	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.24	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1030.9	η UP,DN(C0-180)	0.0,50.7	
NOMINAL FLUX(lm)	1030.88	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.3	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.24	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	1967	2322	2980	3638	3508	2741	2159	1900	0- 10	410.0	410.0	39.8,39.8
20	485.5	532.2	664.6	771.2	744.5	644.8	567.8	495.0	10- 20	354.1	764.1	74.1,74.1
30	137.3	148.9	185.7	208.0	193.9	174.8	169.4	145.8	20- 30	155.3	919.4	89.2,89.2
40	43.16	48.08	58.24	58.35	53.55	48.57	51.22	43.89	30- 40	59.80	979.2	95,95
50	19.99	21.06	22.72	22.45	21.15	19.49	19.63	19.06	40- 50	24.65	1004	97.4,97.4
60	10.12	12.09	14.25	14.62	13.77	12.54	11.10	10.00	50- 60	15.01	1019	98.8,98.8
70	4.414	5.028	5.968	6.589	6.284	5.539	4.735	4.050	60- 70	8.304	1027	99.6,99.6
80	0.7060	0.9857	1.551	1.993	1.953	1.428	0.9639	0.6551	70- 80	3.300	1030	100,100
90	0.0312	0.0170	0.0388	0.0255	0.0264	0.0138	0.0320	0.0210	80- 90	0.4149	1031	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): 993.9 lm

%lum = 96.4%

%lamp = 96.4%

Conical surface Flux(120deg): 1018.9 lm

%lum = 98.8%

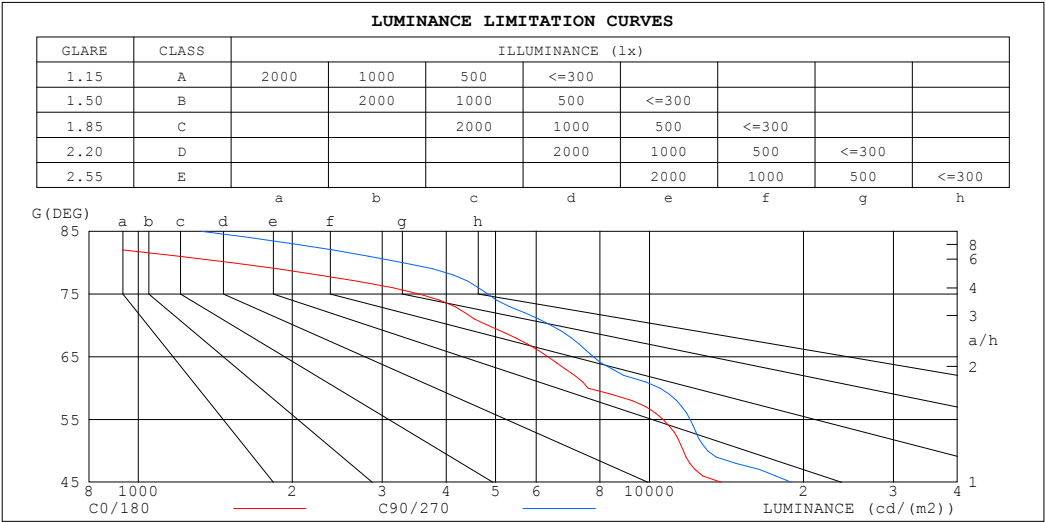
%lamp = 98.8%

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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	353	1327
80	1522	3288
75	3546	4826
70	4832	6420
65	6332	7769
60	7580	10485
55	10634	12009
50	11642	13004
45	13804	18951

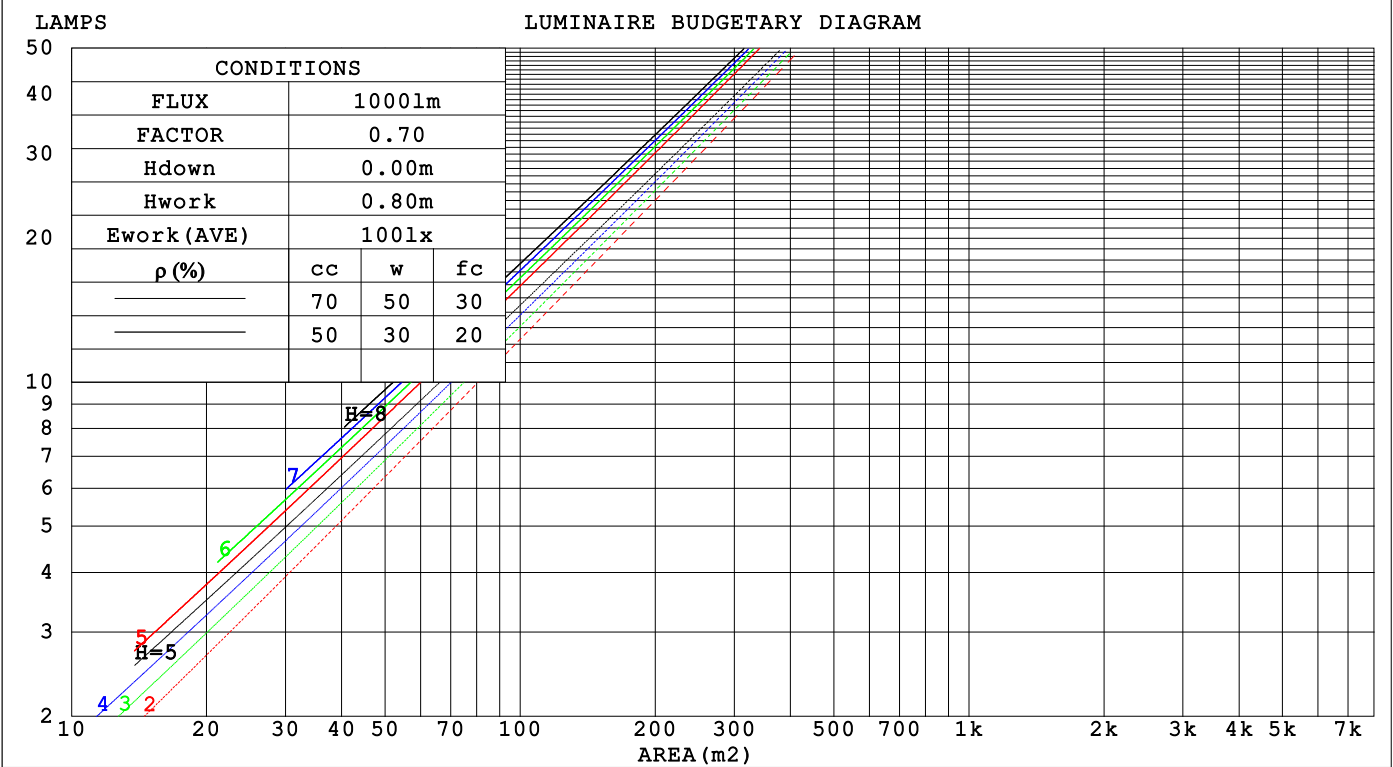
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661		
Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	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	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96														
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.97	.95	.94	.92														
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.94	.92	.94	.92	.90	.89														
4.0	.98	.94	.90	.97	.93	.90	.95	.91	.89	.93	.90	.88	.91	.89	.87	.86														
5.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.83														
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80														
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78														
8.0	.85	.81	.78	.84	.80	.78	.83	.80	.77	.83	.79	.77	.82	.79	.77	.76														
9.0	.82	.78	.75	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74														
10.0	.80	.76	.73	.80	.76	.73	.79	.76	.73	.78	.75	.73	.78	.75	.73	.72														



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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661		Lamp Flux:1030.88x1 lm
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	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	.144	.082	.026	.137	.078	.025	.125	.072	.023	.113	.065	.021	.103	.060	.019															
2.0	.134	.073	.023	.128	.071	.022	.118	.066	.020	.109	.061	.019	.100	.057	.018															
3.0	.125	.066	.020	.120	.064	.019	.112	.061	.018	.104	.057	.017	.096	.053	.017															
4.0	.117	.061	.018	.113	.059	.017	.106	.056	.017	.099	.053	.016	.093	.050	.015															
5.0	.110	.056	.016	.107	.055	.016	.100	.052	.015	.095	.050	.015	.089	.048	.014															
6.0	.104	.052	.015	.101	.051	.015	.095	.049	.014	.090	.047	.014	.086	.045	.013															
7.0	.098	.048	.014	.096	.048	.014	.091	.046	.013	.087	.044	.013	.082	.043	.013															
8.0	.093	.045	.013	.091	.045	.013	.087	.043	.012	.083	.042	.012	.079	.041	.012															
9.0	.089	.043	.012	.087	.042	.012	.083	.041	.012	.080	.040	.011	.077	.039	.011															
10.0	.085	.041	.011	.083	.040	.011	.080	.039	.011	.077	.038	.011	.074	.037	.011															

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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.107	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.098	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.041	.078	.053	.035	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.073	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.080	.051	.031	.069	.044	.027	.048	.031	.019	.028	.018	.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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz										
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661					Lamp Flux:1030.88x1 lm					
NAME: TR01-12-XX-01 4000K RA90 15D WHITE					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Norming lighting					SUR.: 57mm			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	14.0	14.7	14.2	14.9	15.0	15.0	15.7	15.2	15.8	16.0
3H	14.4	15.0	14.6	15.2	15.4	15.4	16.0	15.6	16.2	16.4
4H	14.5	15.1	14.7	15.3	15.5	15.5	16.1	15.7	16.3	16.5
6H	14.4	15.0	14.7	15.2	15.5	15.5	16.1	15.8	16.3	16.5
8H	14.4	14.9	14.7	15.2	15.4	15.5	16.0	15.8	16.3	16.5
12H	14.3	14.9	14.6	15.1	15.4	15.4	16.0	15.7	16.2	16.5
4H 2H	14.2	14.8	14.5	15.1	15.3	15.1	15.7	15.3	15.9	16.1
3H	14.7	15.2	15.0	15.5	15.7	15.6	16.1	15.9	16.4	16.6
4H	14.8	15.3	15.1	15.6	15.9	15.7	16.2	16.0	16.5	16.8
6H	14.8	15.2	15.1	15.5	15.9	15.8	16.2	16.1	16.5	16.9
8H	14.7	15.1	15.1	15.5	15.8	15.7	16.1	16.1	16.5	16.8
12H	14.7	15.0	15.1	15.4	15.8	15.7	16.1	16.1	16.4	16.8
8H 4H	14.8	15.2	15.1	15.5	15.9	15.6	16.1	16.0	16.4	16.8
6H	14.7	15.1	15.2	15.5	15.9	15.7	16.1	16.1	16.4	16.9
8H	14.7	15.0	15.1	15.4	15.8	15.7	16.0	16.1	16.4	16.8
12H	14.6	14.9	15.1	15.3	15.8	15.6	15.9	16.1	16.3	16.8
12H 4H	14.7	15.1	15.1	15.5	15.8	15.6	16.0	16.0	16.3	16.7
6H	14.7	15.0	15.1	15.4	15.8	15.7	16.0	16.1	16.4	16.8
8H	14.6	14.9	15.1	15.3	15.8	15.6	15.9	16.1	16.3	16.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.4					+ 1.4 / - 1.4				
1.5H	+ 1.7 / - 1.0					+ 2.5 / - 1.3				
2.0H	+ 0.9 / - 1.5					+ 1.9 / - 1.5				

CIE Pub.117, 1031 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.1$ )  
Area: 0.0027 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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

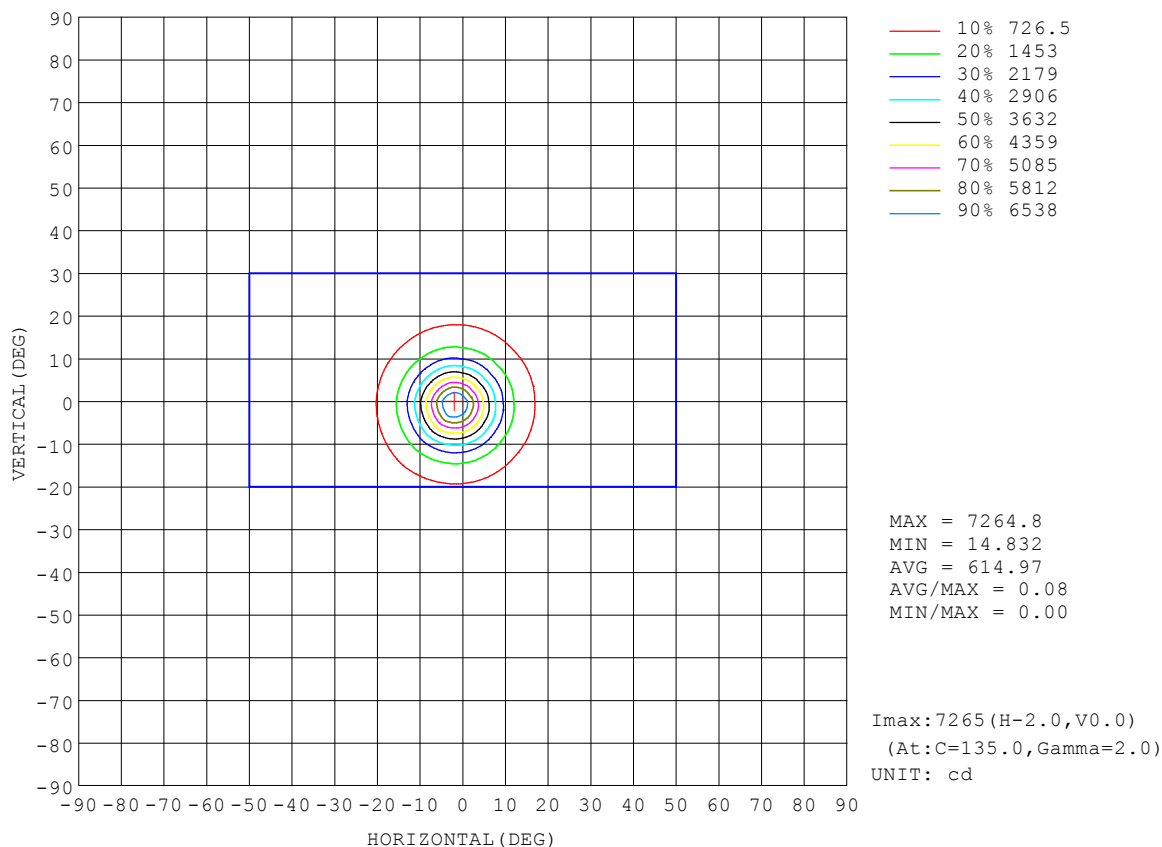
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	79	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



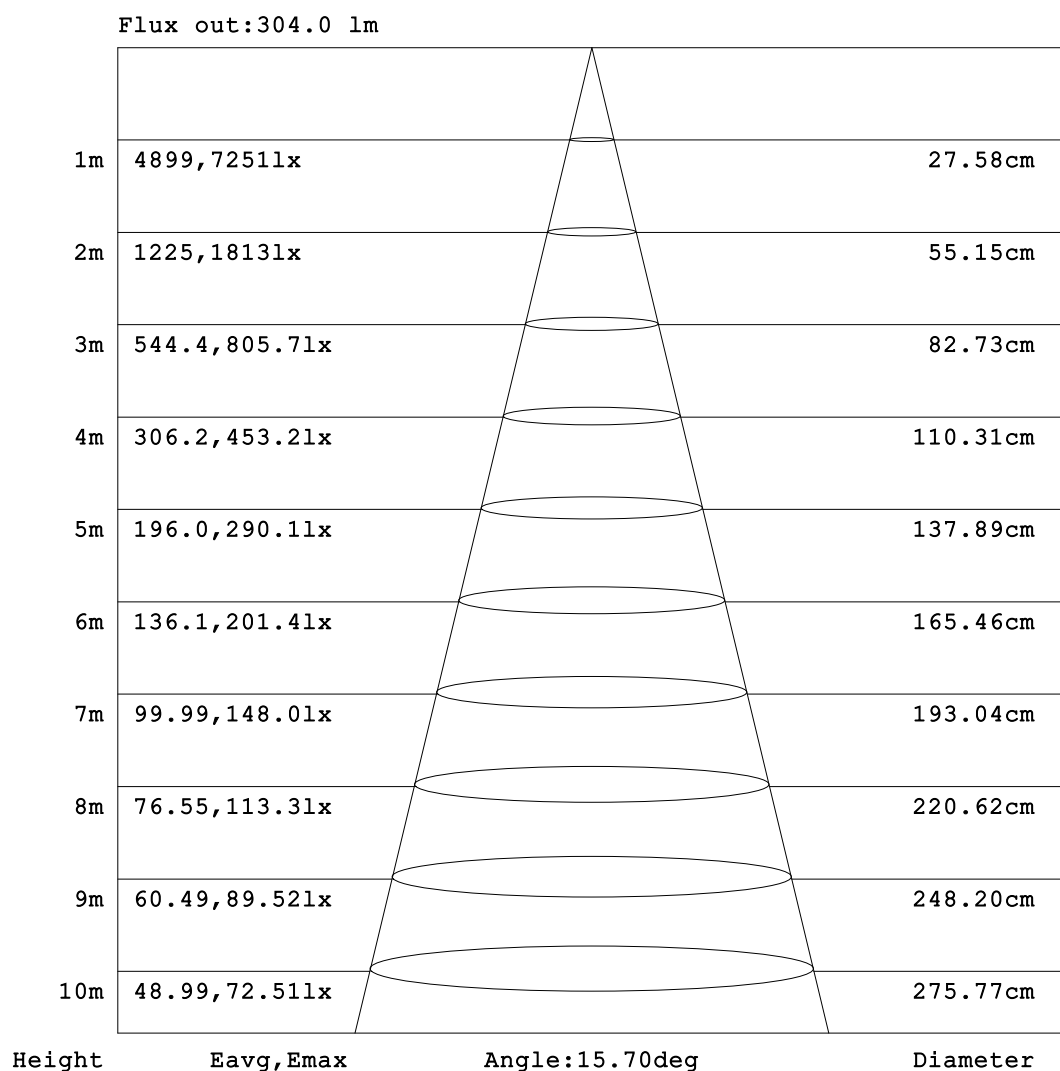
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-07

$\gamma$  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:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



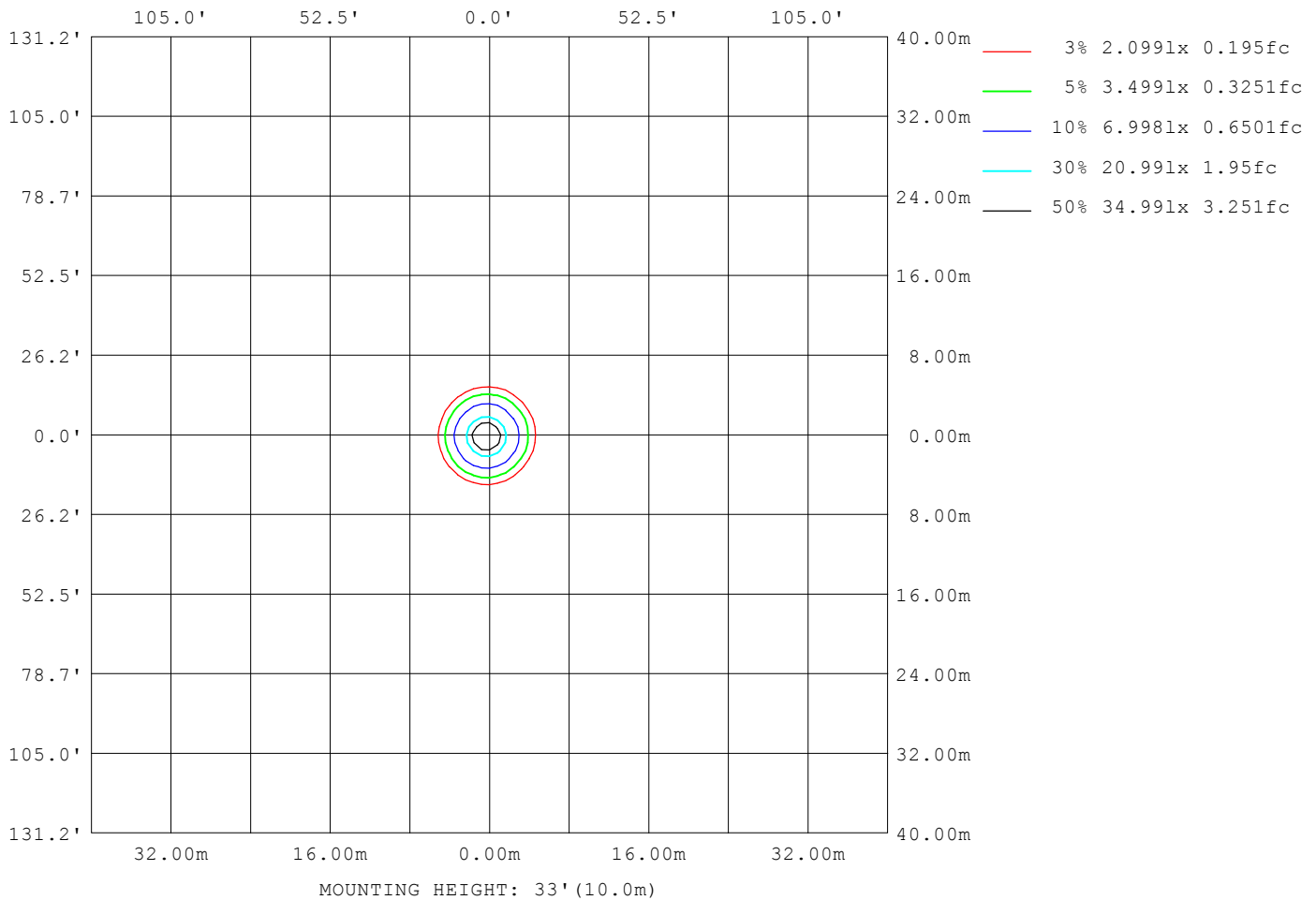
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: 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:

## ISOLUX DIAGRAM

Test:U:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	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:

## LED Avg.L Report

Test:U:240.3V I:0.0541A P:12.3W PF:0.9497 Freq:49.99Hz UTHDi:0.17% ITHDi:18.51% KDisp:0.9661 Lamp Flux:1030.88x1 lm		
NAME: TR01-12-XX-01 4000K RA90 15D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

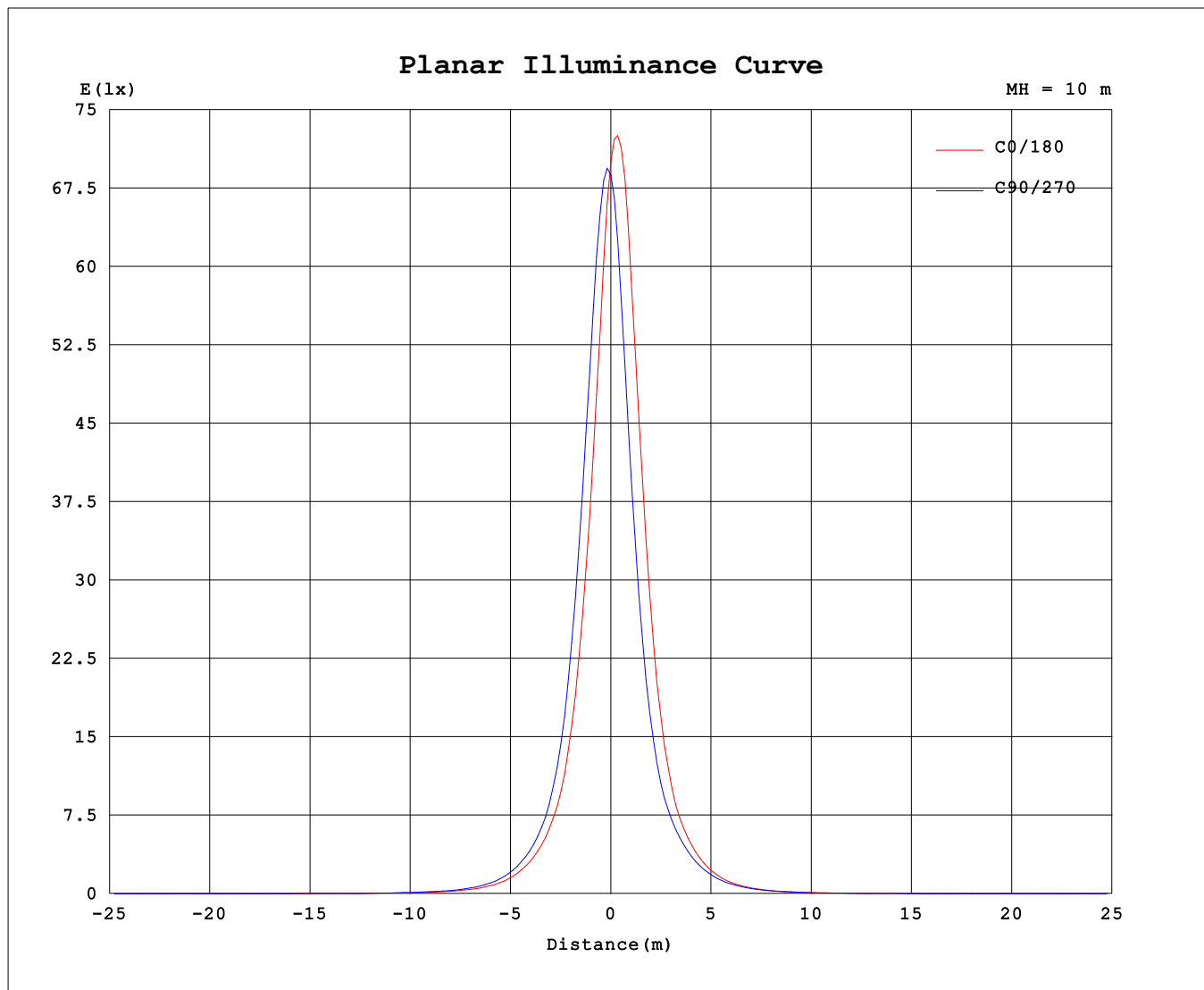
AvgL	cd/m2
L_0~180 (65) av	7195
L_0~180 (75) av	4307
L_0~180 (85) av	1165
L_90~270 (65) av	7214
L_90~270 (75) av	4413
L_90~270 (85) av	954
L_45 (65) av	7182
L_45 (75) av	4404
L_45 (85) av	978

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	6923	6923	6923	6923	6923	6923	6923	6923
3.0	5360	5853	6591	7197	7096	6500	5757	5273
6.0	3626	4181	5104	5956	5814	4847	3985	3534
9.0	2310	2727	3449	4219	4055	3210	2533	2237
12.0	1427	1675	2162	2656	2544	1990	1583	1379
15.0	914.7	1053	1347	1630	1567	1250	1024	916.7
18.0	622.3	692.8	863.7	1017	978.5	823.5	718.5	628.0
21.0	429.0	470.1	585.3	677.4	655.0	571.6	505.0	441.3
24.0	295.0	323.4	405.2	461.6	441.8	391.6	351.5	310.6
27.0	200.5	218.8	274.6	310.6	294.5	263.7	244.0	210.7
30.0	137.3	148.9	185.7	208.0	193.9	174.8	169.4	145.8
33.0	95.10	103.7	127.9	139.0	130.0	118.4	118.4	101.3
36.0	66.66	73.28	91.02	96.19	89.42	81.55	79.50	69.41
39.0	47.68	53.00	64.51	65.62	60.33	54.34	57.21	48.85
42.0	36.09	39.74	47.86	46.98	43.54	39.60	40.97	35.78
45.0	26.07	30.26	36.42	35.85	33.00	29.38	29.18	24.20
48.0	21.43	22.68	26.85	27.72	25.78	21.27	21.18	20.38
51.0	19.33	20.43	21.72	21.35	20.17	18.76	18.93	18.41
54.0	17.12	18.48	19.44	19.03	17.93	16.80	16.78	16.20
57.0	14.32	15.85	17.12	17.02	15.94	14.75	14.36	13.54
60.0	10.12	12.09	14.25	14.62	13.77	12.54	11.10	10.00
63.0	8.305	9.152	10.46	11.32	10.71	9.583	8.743	8.098
66.0	6.585	7.368	8.307	8.916	8.650	7.784	6.976	6.351
69.0	4.923	5.624	6.571	7.162	6.871	6.102	5.281	4.586
72.0	3.593	3.960	4.776	5.439	5.100	4.460	3.799	3.199
75.0	2.452	2.840	3.395	3.958	3.568	3.258	2.773	2.255
78.0	1.256	1.689	2.340	2.876	2.596	2.195	1.614	1.196
81.0	0.5024	0.7245	1.201	1.585	1.551	1.103	0.7143	0.4612
84.0	0.1386	0.2207	0.4664	0.6761	0.6689	0.4075	0.2212	0.1058
87.0	0.0382	0.0369	0.1173	0.1836	0.1846	0.0818	0.0478	0.0168
90.0	0.0312	0.0170	0.0388	0.0255	0.0264	0.0138	0.0320	0.0210

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: