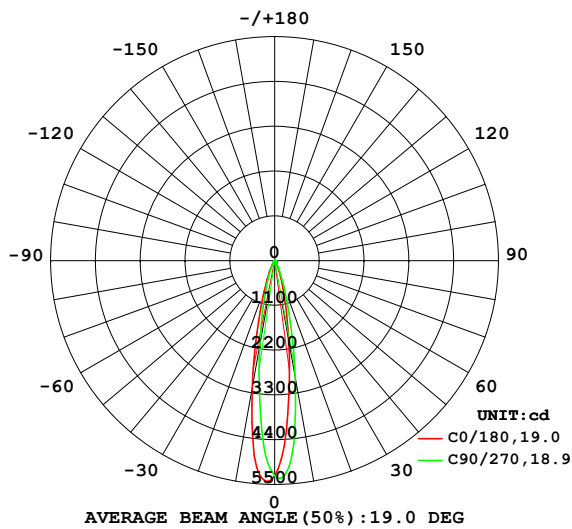


## LUMINAIRE PHOTOMETRIC TEST REPORT

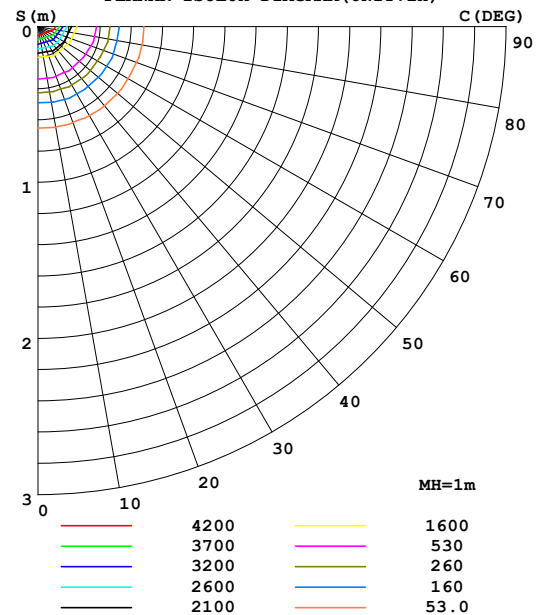
Test:U:240.4V I:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 77.01 lm/W
MODEL		I <sub>max</sub> (cd)	5462	S/MH (C0/180)	0.39	
NOMINAL POWER(W)	12	LOR (%)	100.0	S/MH (C90/270)	0.29	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	937.47	η UP,DN (C0-180)	0.0,52.0	
NOMINAL FLUX(lm)	937.467	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,48.0	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.4	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: HIGH  
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	2015	2379	2917	3360	3189	2610	2109	1894	0- 10	357.8	357.8	38.2,38.2
20	473.6	555.2	647.3	710.8	686.6	575.2	482.3	436.6	10- 20	351.5	709.4	75.7,75.7
30	124.9	144.4	157.3	158.3	153.5	138.8	123.7	114.4	20- 30	135.2	844.5	90.1,90.1
40	39.73	42.32	43.42	42.46	40.13	37.87	37.87	36.99	30- 40	47.92	892.5	95.2,95.2
50	20.34	20.29	20.18	19.79	19.81	19.18	19.50	19.19	40- 50	20.71	913.2	97.4,97.4
60	8.627	11.09	12.90	13.01	12.81	11.10	8.608	8.024	50- 60	14.16	927.3	98.9,98.9
70	3.714	4.412	5.184	5.497	5.173	4.391	3.699	3.195	60- 70	6.981	934.3	99.7,99.7
80	0.6078	0.9896	1.566	1.889	1.715	1.108	0.6814	0.4786	70- 80	2.789	937.1	100,100
90	0.0289	0.0122	0.0364	0.0264	0.0209	0.0148	0.0287	0.0176	80- 90	0.3776	937.5	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): 904.26 lm

%lum = 96.5%

%lamp = 96.5%

Conical surface Flux(120deg): 927.32 lm

%lum = 98.9%

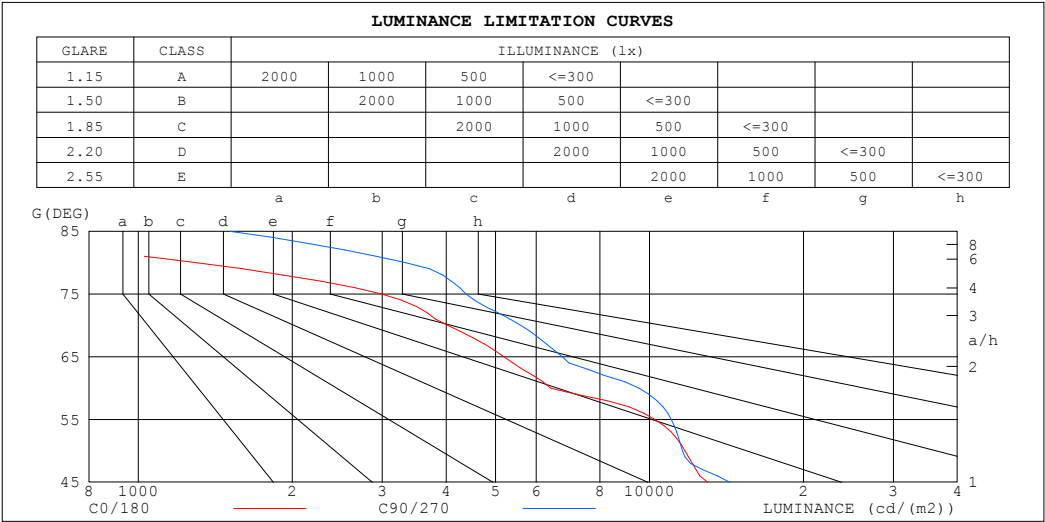
%lamp = 98.9%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	300	1511
80	1298	3334
75	2997	4378
70	4029	5601
65	5188	6751
60	6400	9531
55	10248	11025
50	11737	11605
45	13007	14354

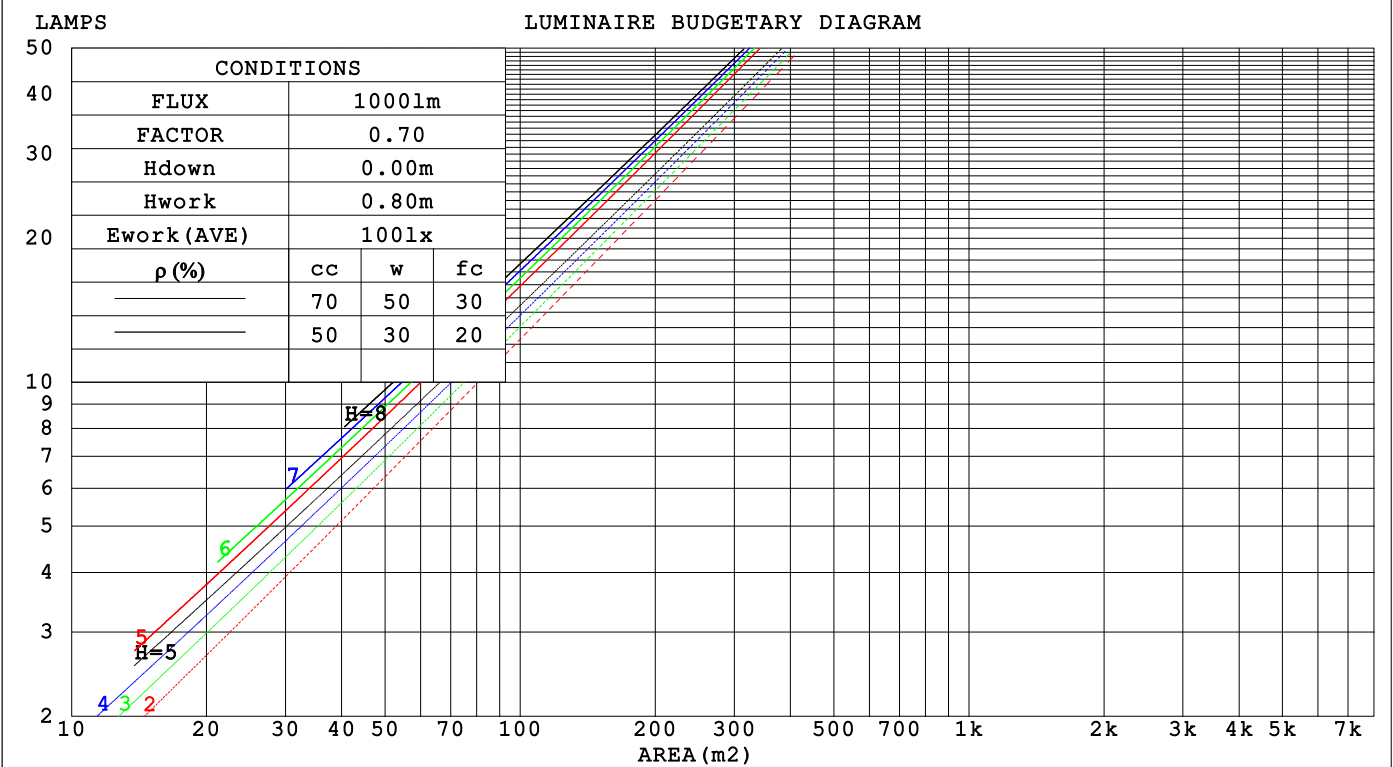
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648		
Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D 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	1.00	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	.91	.97	.93	.90	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86														
5.0	.94	.90	.87	.93	.89	.86	.92	.88	.85	.90	.87	.85	.89	.86	.84	.83														
6.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.82	.86	.84	.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	.84	.80	.77	.83	.79	.77	.82	.79	.77	.76														
9.0	.82	.78	.75	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.75	.74														
10.0	.80	.76	.73	.80	.76	.73	.79	.76	.73	.79	.75	.73	.78	.75	.73	.72														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.33% KDisp:0.9648			Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D 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	.143	.082	.026	.137	.078	.025	.124	.071	.023	.113	.065	.021	.102	.059	.019		
2.0	.134	.073	.022	.128	.071	.022	.118	.066	.020	.108	.061	.019	.100	.056	.018		
3.0	.125	.066	.020	.120	.064	.019	.111	.060	.018	.103	.057	.017	.096	.053	.016		
4.0	.117	.061	.018	.113	.059	.017	.105	.056	.017	.099	.053	.016	.092	.050	.015		
5.0	.110	.056	.016	.106	.055	.016	.100	.052	.015	.094	.050	.015	.089	.048	.014		
6.0	.103	.052	.015	.101	.051	.015	.095	.049	.014	.090	.047	.014	.086	.045	.013		
7.0	.098	.048	.014	.095	.048	.014	.091	.046	.013	.086	.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	.076	.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	.136	.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: HIGH  
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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz										
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648					Lamp Flux:937.467x1 lm					
NAME: TR01-12-XX-01 2700K RA90 24D 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	13.8	14.5	14.0	14.6	14.8	14.4	15.1	14.6	15.2	15.4
3H	14.1	14.7	14.3	14.9	15.1	14.8	15.4	15.0	15.6	15.8
4H	14.1	14.7	14.4	14.9	15.1	14.9	15.5	15.1	15.7	15.9
6H	14.1	14.7	14.4	14.9	15.1	14.9	15.5	15.2	15.7	16.0
8H	14.0	14.6	14.3	14.8	15.1	14.9	15.5	15.2	15.7	16.0
12H	14.0	14.5	14.3	14.8	15.1	14.9	15.4	15.2	15.7	15.9
4H 2H	14.0	14.6	14.2	14.8	15.0	14.5	15.1	14.8	15.3	15.5
3H	14.3	14.9	14.6	15.1	15.4	15.0	15.5	15.3	15.8	16.0
4H	14.4	14.9	14.8	15.2	15.5	15.1	15.6	15.5	15.9	16.2
6H	14.4	14.8	14.8	15.2	15.5	15.2	15.7	15.6	16.0	16.3
8H	14.3	14.8	14.7	15.1	15.5	15.2	15.6	15.6	16.0	16.3
12H	14.3	14.7	14.7	15.0	15.4	15.2	15.5	15.6	15.9	16.3
8H 4H	14.4	14.8	14.8	15.1	15.5	15.1	15.5	15.5	15.8	16.2
6H	14.4	14.7	14.8	15.1	15.5	15.2	15.5	15.6	15.9	16.3
8H	14.3	14.6	14.8	15.0	15.5	15.2	15.5	15.6	15.9	16.3
12H	14.3	14.5	14.7	15.0	15.4	15.1	15.4	15.6	15.8	16.3
12H 4H	14.3	14.7	14.8	15.1	15.5	15.0	15.4	15.4	15.8	16.2
6H	14.3	14.6	14.8	15.0	15.5	15.1	15.4	15.6	15.9	16.3
8H	14.3	14.5	14.8	15.0	15.5	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.3					+ 1.1 / - 1.2				
1.5H	+ 1.4 / - 1.1					+ 2.0 / - 1.1				
2.0H	+ 1.2 / - 2.0					+ 0.9 / - 1.7				

CIE Pub.117, 937.5 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = -0.2$ )  
Area: 0.0027 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

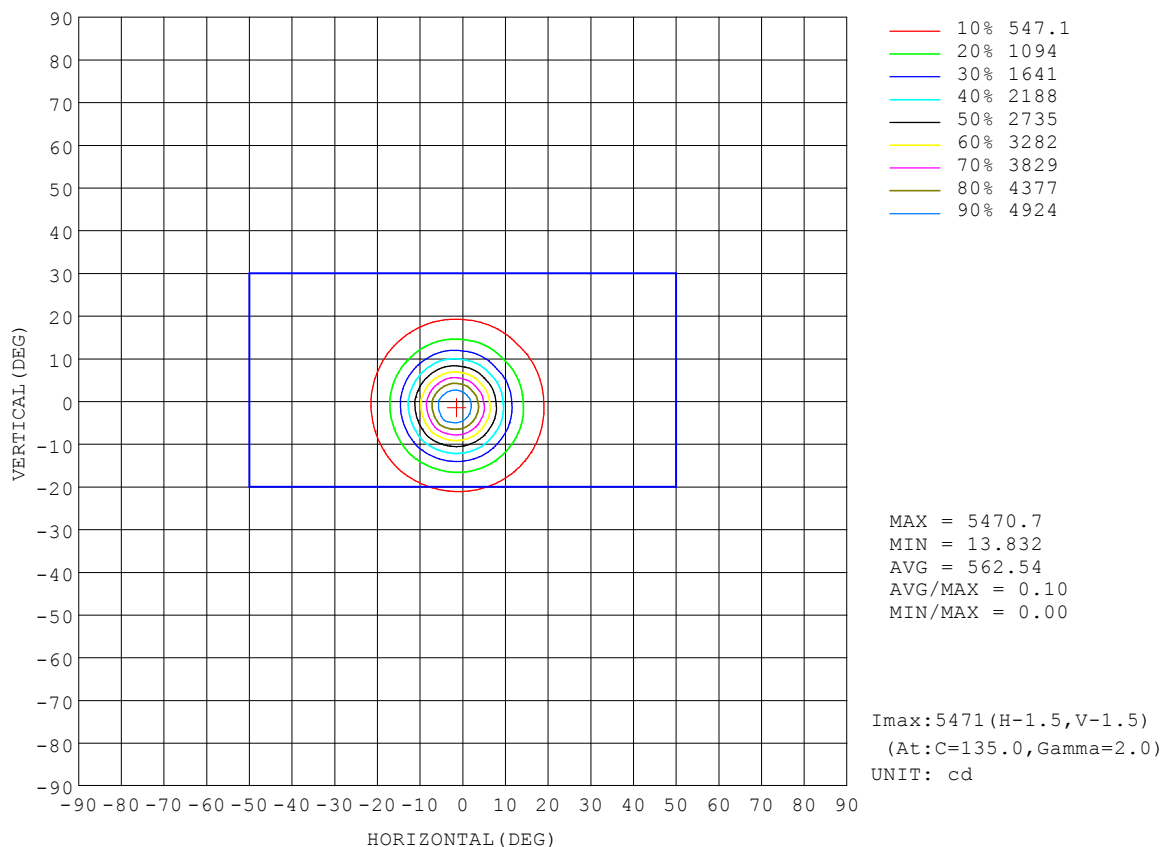
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	111	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: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-07

$\gamma$  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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



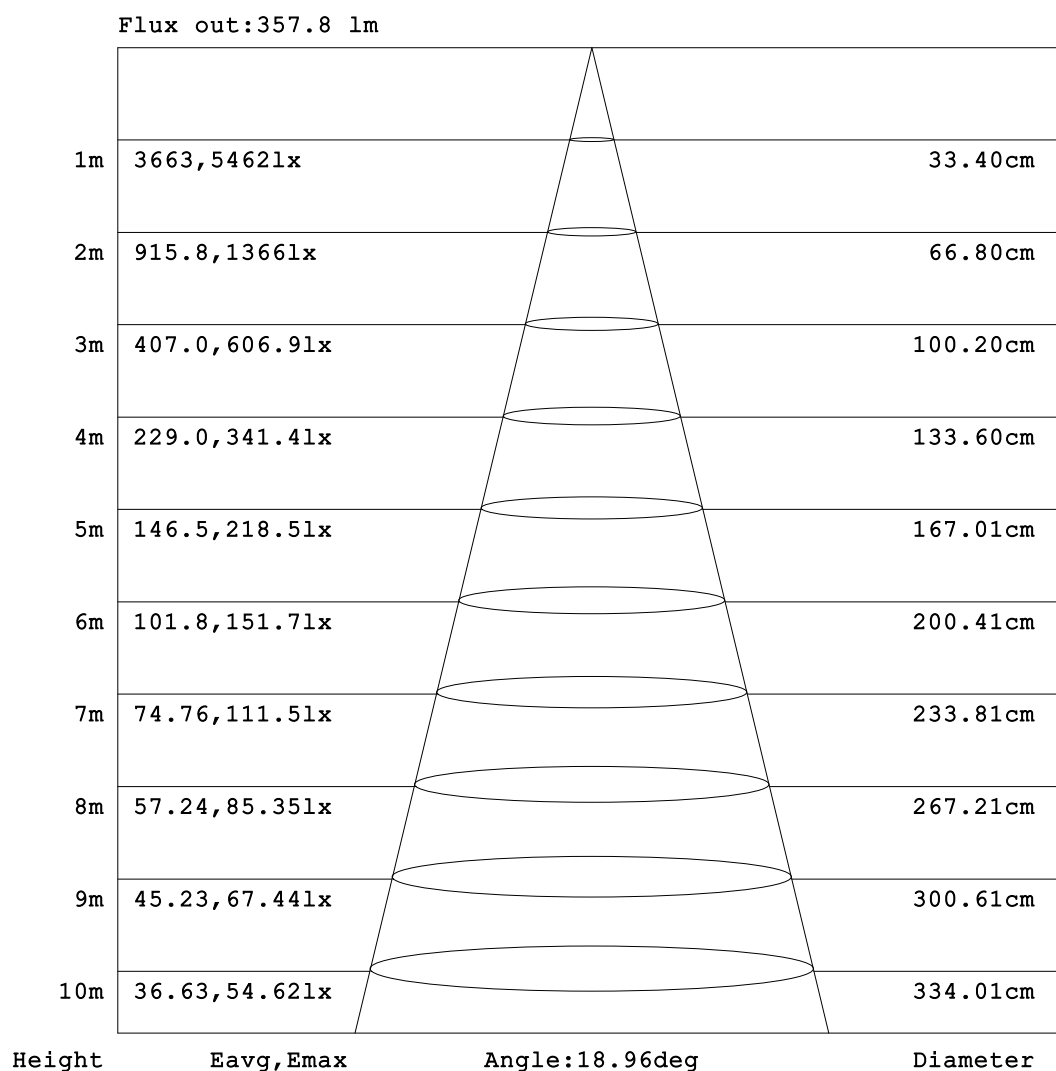
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-07

$\gamma$  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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



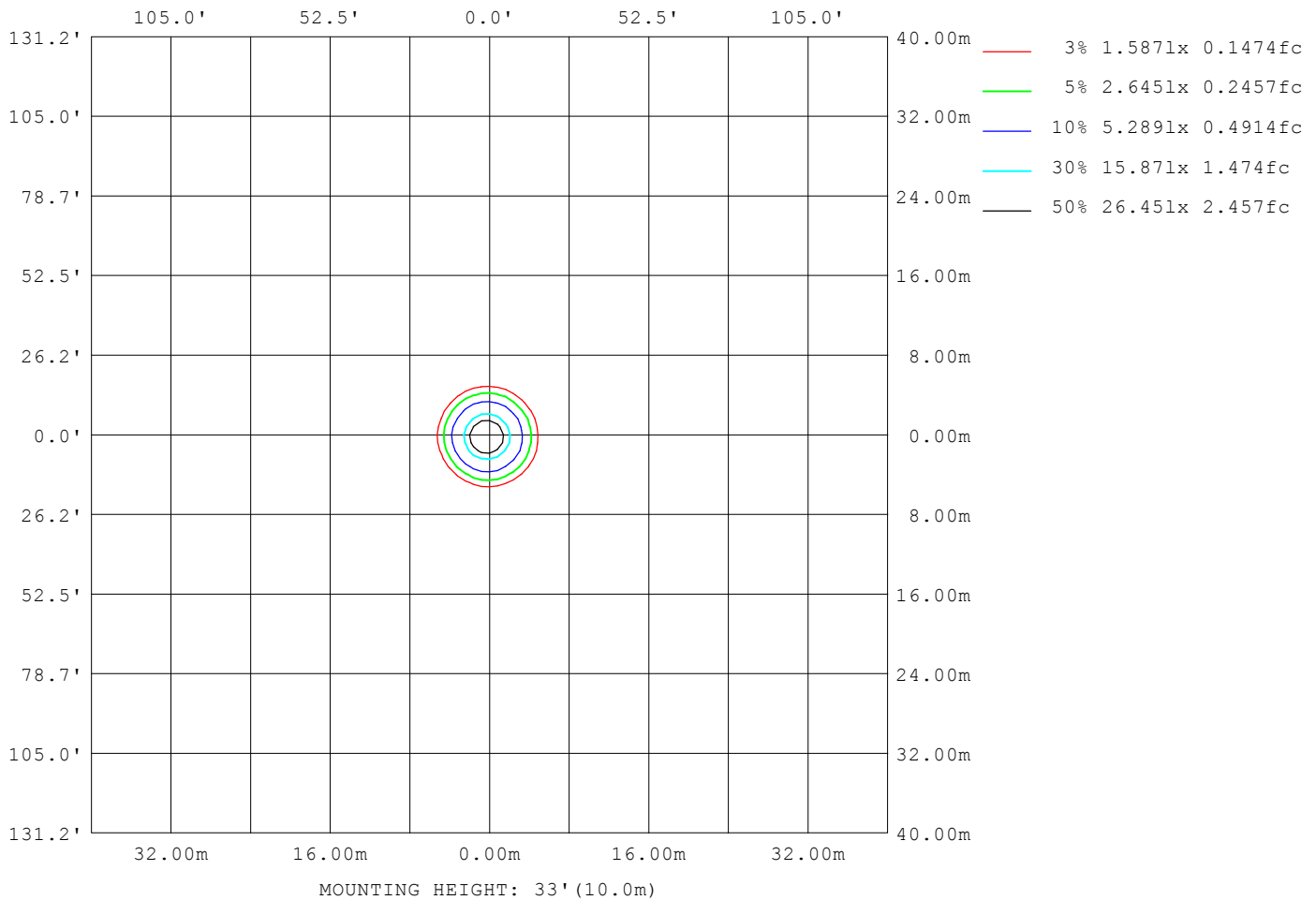
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:240.4V I:0.0534A P:12.2W PF:0.9487 Freq:49.99Hz UTHDi:0.17% ITHDi:18.33% KDisp:0.9648 Lamp Flux:937.467x1 lm		
NAME: TR01-12-XX-01 2700K RA90 24D WHITE	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 57mm	Shielding Angle:

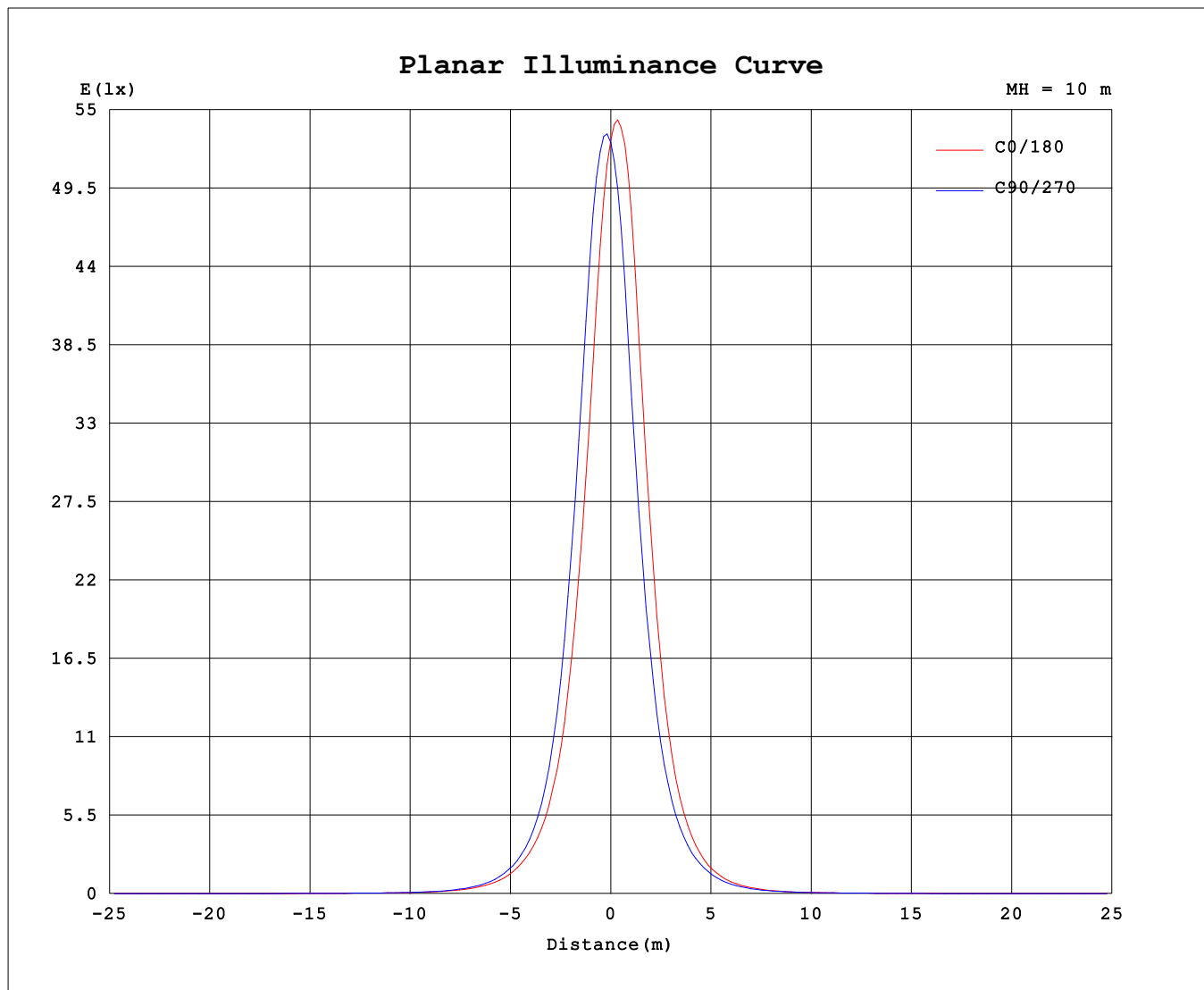
AvgL	cd/m2
L_0~180 (65) av	5996
L_0~180 (75) av	3674
L_0~180 (85) av	1059
L_90~270 (65) av	5981
L_90~270 (75) av	3735
L_90~270 (85) av	925
L_45 (65) av	5936
L_45 (75) av	3733
L_45 (85) av	922

Standard: GB/T 29293-2012

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

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: HIGH  
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	5281	5281	5281	5281	5281	5281	5281	5281
3.0	4561	4859	5241	5448	5388	5069	4703	4473
6.0	3371	3851	4514	5002	4819	4137	3530	3233
9.0	2311	2720	3311	3785	3603	2968	2428	2185
12.0	1508	1790	2234	2575	2435	1967	1588	1402
15.0	961.8	1150	1408	1623	1529	1235	1005	903.5
18.0	625.5	739.0	886.6	986.9	942.0	774.9	643.4	575.0
21.0	414.4	483.4	558.4	609.2	589.2	497.8	417.7	380.7
24.0	279.9	321.7	362.6	383.5	374.2	322.1	277.6	256.6
27.0	186.6	218.9	238.8	244.7	237.0	210.8	184.7	170.3
30.0	124.9	144.4	157.3	158.3	153.5	138.8	123.7	114.4
33.0	86.18	97.80	104.0	103.9	100.4	92.13	84.46	78.17
36.0	59.28	66.98	71.82	71.52	68.67	63.97	57.15	54.14
39.0	43.44	46.66	49.46	51.09	45.54	42.09	41.58	40.27
42.0	33.94	35.22	35.35	33.90	33.02	31.48	31.95	30.79
45.0	24.79	26.97	27.46	26.52	26.34	24.26	23.32	23.21
48.0	21.87	21.59	21.79	21.58	21.43	20.32	20.81	20.70
51.0	19.56	19.74	19.58	19.16	19.19	18.66	18.83	18.33
54.0	16.91	17.81	17.77	17.38	17.39	16.84	16.40	15.67
57.0	13.36	15.07	15.65	15.45	15.36	14.45	13.11	12.17
60.0	8.627	11.09	12.90	13.01	12.81	11.10	8.608	8.024
63.0	6.906	7.978	9.300	10.01	9.134	7.908	6.924	6.400
66.0	5.455	6.340	7.166	7.473	7.203	6.295	5.455	4.975
69.0	4.126	4.892	5.671	5.958	5.656	4.852	4.108	3.607
72.0	3.056	3.537	4.223	4.596	4.232	3.546	3.023	2.549
75.0	2.091	2.585	3.066	3.435	3.044	2.630	2.154	1.784
78.0	1.077	1.635	2.219	2.598	2.243	1.739	1.178	0.8976
81.0	0.4331	0.7385	1.236	1.542	1.381	0.8497	0.4956	0.3274
84.0	0.1201	0.2406	0.5171	0.7059	0.6068	0.2976	0.1387	0.0681
87.0	0.0337	0.0403	0.1446	0.2109	0.1696	0.0573	0.0341	0.0173
90.0	0.0289	0.0122	0.0364	0.0264	0.0209	0.0148	0.0287	0.0176

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

$\gamma$  Range: 0 - 90DEG  
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Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
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