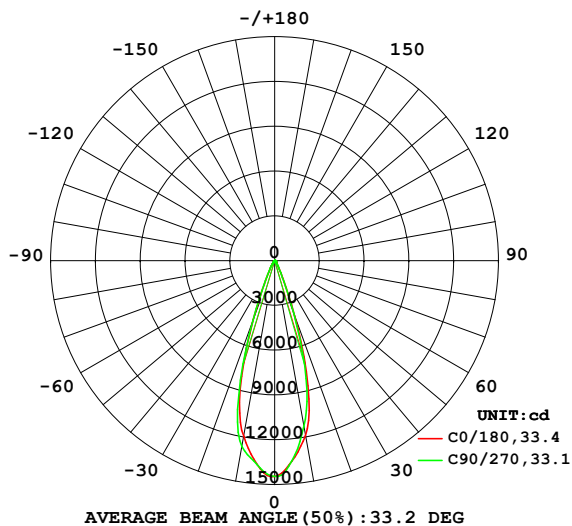


## LUMINAIRE PHOTOMETRIC TEST REPORT

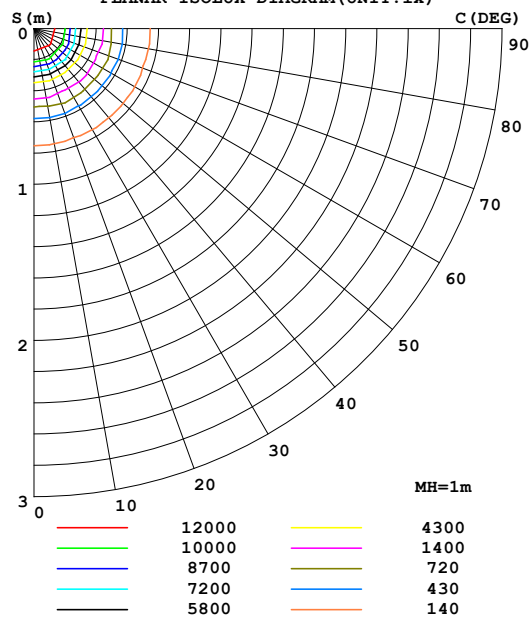
Test:U:240.3V I:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D <del>45</del> TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 105.86 lm/W
MODEL		I <sub>max</sub> (cd)	14471	S/MH(C0/180)		0.51
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)		0.51
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	4691.6	η UP,DN(C0-180)		0.0,48.2
NOMINAL FLUX(lm)	4691.55	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,51.8
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	240.25	η down(%)	100.0	CIBSE SHR MAX		0.50

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:2024-10-28

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	1190	1177	1128	1135	1196	1217	1264	1245	0- 10	1244	1244	26.5,26.5
20	393.8	424.0	377.1	346.4	420.0	398.5	429.1	463.8	10- 20	2284	3528	75.2,75.2
30	60.46	63.46	57.11	56.36	64.09	62.77	68.38	71.60	20- 30	748.0	4276	91.1,91.1
40	18.64	18.67	18.06	17.50	18.91	17.99	19.10	20.68	30- 40	219.0	4495	95.8,95.8
50	8.981	9.295	9.005	8.858	9.412	8.840	9.019	9.559	40- 50	101.7	4596	98,98
60	4.092	4.231	4.069	4.054	4.304	4.073	4.143	4.306	50- 60	57.72	4654	99.2,99.2
70	1.616	1.690	1.662	1.571	1.734	1.623	1.640	1.791	60- 70	28.03	4682	99.8,99.8
80	0.2521	0.2590	0.2671	0.2690	0.2707	0.2462	0.2449	0.2687	70- 80	8.331	4690	100,100
90	0.0197	0.0131	0.0212	0.0286	0.0178	0.0132	0.0158	0.0125	80- 90	1.092	4692	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): 4551.8 lm

%lum = 97.0%

%lamp = 97.0%

Conical surface Flux(120deg): 4654.1 lm

%lum = 99.2%

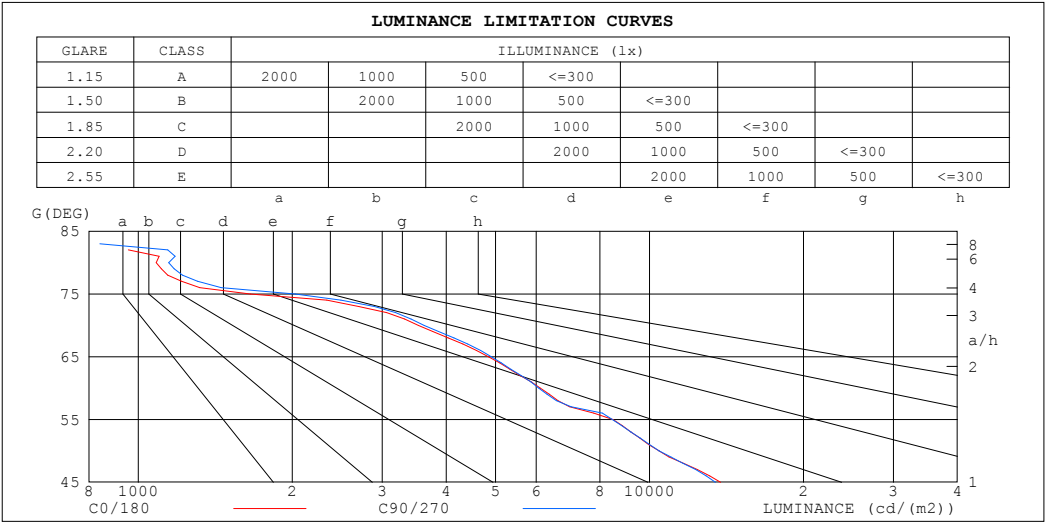
%lamp = 99.2%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-10-28

$\gamma$  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:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	578	658
80	1084	1147
75	1658	2030
70	3529	3625
65	4844	4902
60	6114	6070
55	8478	8456
50	10439	10448
45	13762	13455

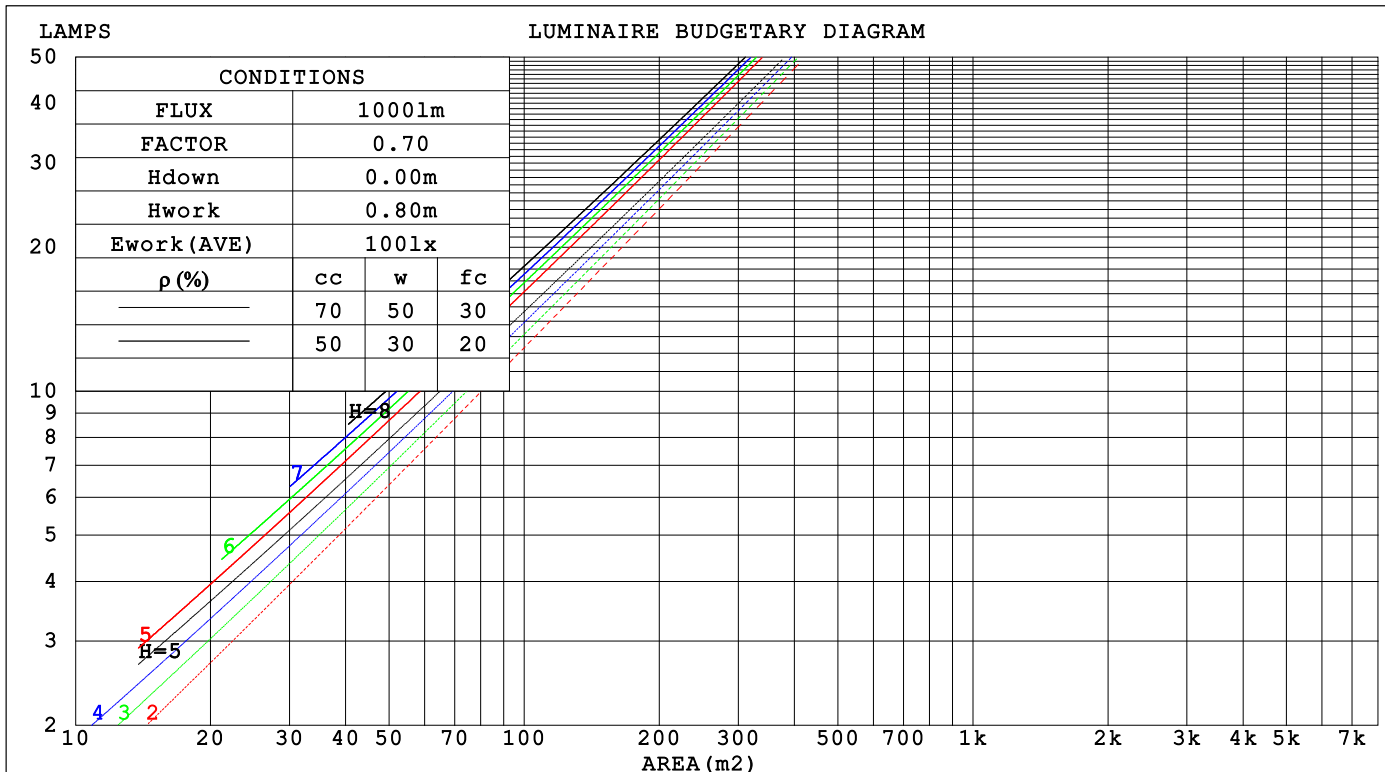
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:		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															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	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.97	.96														
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92														
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88														
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84														
5.0	.93	.88	.85	.92	.88	.84	.90	.87	.84	.89	.85	.83	.87	.84	.82	.81														
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.86	.82	.80	.84	.82	.79	.78														
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.77	.75														
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.73														
9.0	.80	.75	.72	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.70														
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.75	.72	.69	.68														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:		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	.148	.084	.027	.141	.081	.026	.129	.074	.024	.117	.068	.022	.107	.062	.020		
2.0	.138	.076	.023	.133	.073	.023	.123	.068	.021	.113	.063	.020	.104	.059	.019		
3.0	.130	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017		
4.0	.122	.063	.019	.118	.062	.018	.111	.059	.018	.104	.056	.017	.097	.053	.016		
5.0	.115	.059	.017	.112	.057	.017	.105	.055	.016	.099	.052	.016	.094	.050	.015		
6.0	.109	.055	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	.091	.048	.014		
7.0	.104	.051	.015	.101	.050	.014	.096	.049	.014	.092	.047	.014	.088	.046	.013		
8.0	.099	.048	.014	.097	.048	.013	.092	.046	.013	.088	.045	.013	.085	.043	.013		
9.0	.094	.046	.013	.092	.045	.013	.089	.044	.012	.085	.043	.012	.082	.042	.012		
10.0	.090	.043	.012	.089	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.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	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016		
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013		
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011		
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.040	.031	.023	.013	.010	.008		
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007		
7.0	.099	.068	.046	.086	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006		
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005		
9.0	.088	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004		
10.0	.083	.051	.030	.071	.045	.026	.049	.031	.019	.029	.019	.011	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm										
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:						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	13.0	13.8	13.3	13.9	14.1	13.0	13.7	13.2	13.8	14.0
3H	13.3	13.9	13.5	14.1	14.3	13.2	13.9	13.5	14.1	14.3
4H	13.3	13.9	13.5	14.1	14.3	13.2	13.9	13.5	14.1	14.3
6H	13.2	13.8	13.5	14.0	14.3	13.2	13.8	13.4	14.0	14.2
8H	13.2	13.8	13.5	14.0	14.3	13.1	13.7	13.4	14.0	14.2
12H	13.1	13.7	13.4	14.0	14.2	13.1	13.6	13.4	13.9	14.2
4H 2H	13.1	13.8	13.4	14.0	14.2	13.1	13.7	13.3	13.9	14.1
3H	13.4	14.0	13.8	14.3	14.5	13.4	13.9	13.7	14.2	14.5
4H	13.4	14.0	13.8	14.3	14.6	13.4	13.9	13.7	14.2	14.5
6H	13.4	13.8	13.7	14.2	14.5	13.3	13.8	13.7	14.1	14.5
8H	13.3	13.8	13.7	14.1	14.5	13.3	13.7	13.7	14.1	14.4
12H	13.3	13.7	13.7	14.0	14.4	13.3	13.6	13.7	14.0	14.4
8H 4H	13.4	13.8	13.7	14.1	14.5	13.3	13.7	13.7	14.1	14.5
6H	13.3	13.6	13.7	14.0	14.4	13.3	13.6	13.7	14.0	14.4
8H	13.2	13.6	13.7	14.0	14.4	13.2	13.5	13.7	13.9	14.4
12H	13.2	13.5	13.7	13.9	14.4	13.2	13.4	13.6	13.9	14.3
12H 4H	13.3	13.7	13.7	14.1	14.4	13.3	13.7	13.7	14.0	14.4
6H	13.2	13.5	13.7	14.0	14.4	13.2	13.5	13.6	13.9	14.4
8H	13.2	13.5	13.7	13.9	14.4	13.2	13.4	13.6	13.9	14.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.4 / - 2.0					+ 1.2 / - 1.8				
1.5H	+ 1.9 / - 1.1					+ 1.7 / - 1.0				
2.0H	+ 2.3 / - 2.0					+ 2.2 / - 2.0				

CIE Pub.117, 4692 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.4)  
Area: 0.0134 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:

### UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

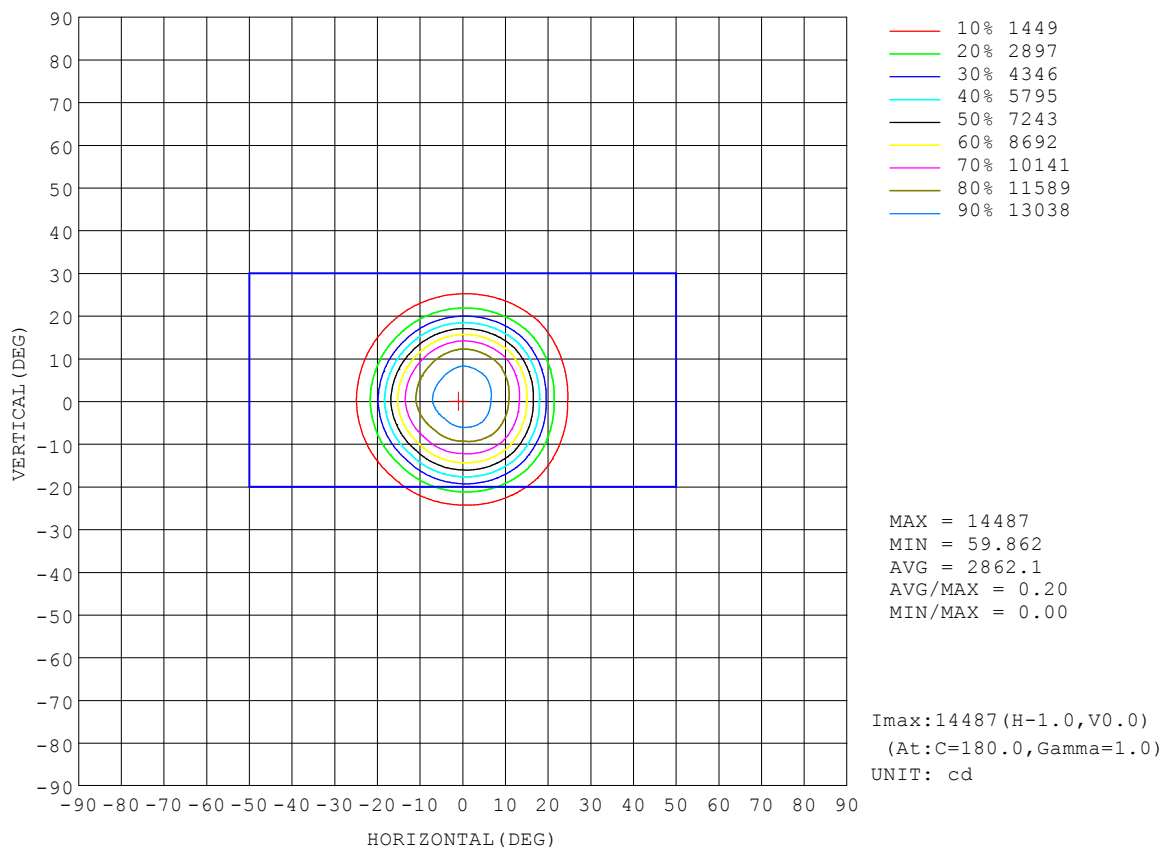
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	95	90	87	94	90	86	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	109	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:2024-10-28

$\gamma$  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:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



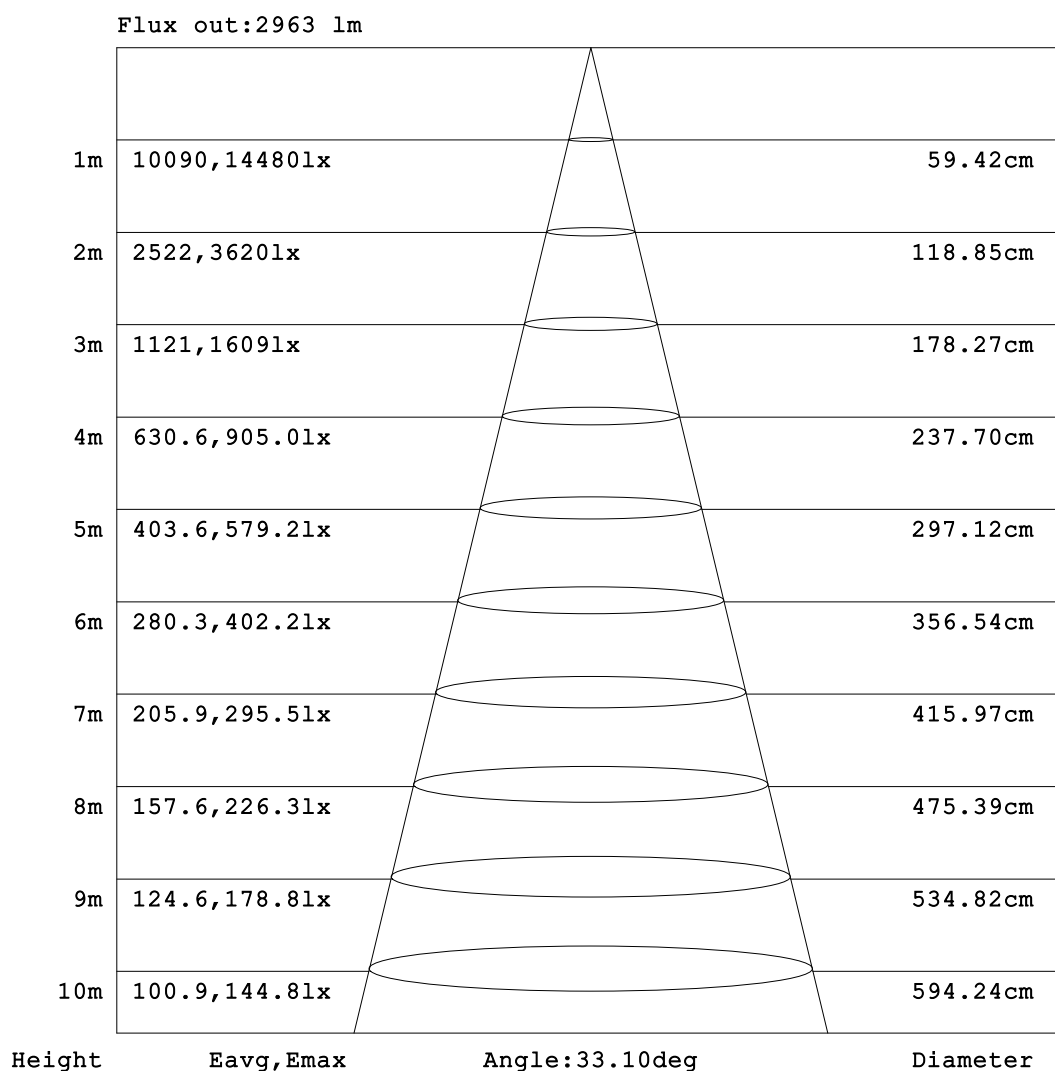
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:



AAI Figure

Test:U:240.3V I:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911		Lamp Flux:4691.55x1 lm
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



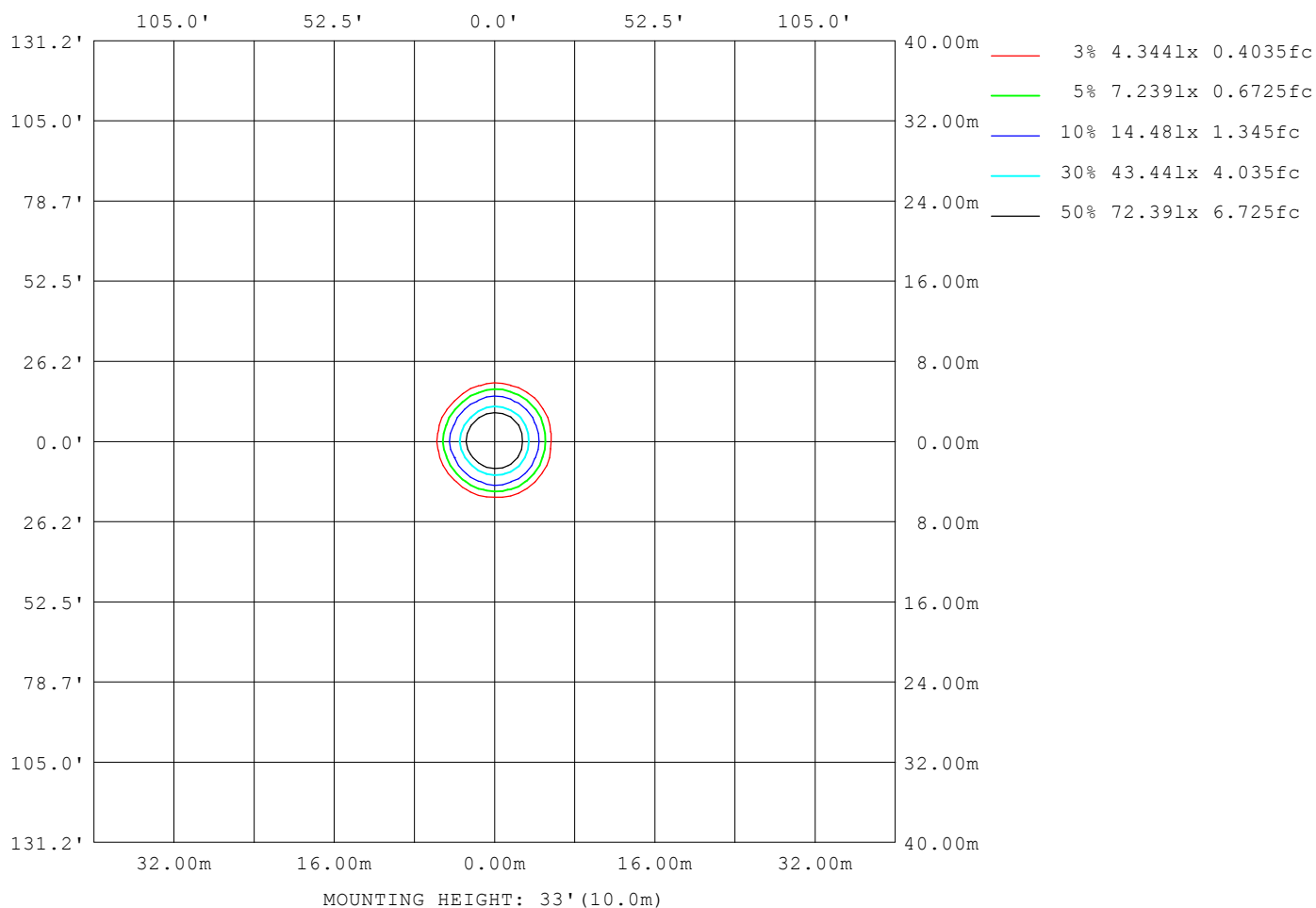
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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:240.3V I:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911		Lamp Flux:4691.55x1 lm
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:		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:2024-10-28

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:240.3V I:0.1863A P:44.3W PF:0.9901 Freq:49.99Hz		
UTHDi:0.16% ITHDi:3.82% KDisp:0.9911 Lamp Flux:4691.55x1 lm		
NAME: FUSION GT-TR03-AHD-045-COB-01SC 4000K RA90 36D 450PE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

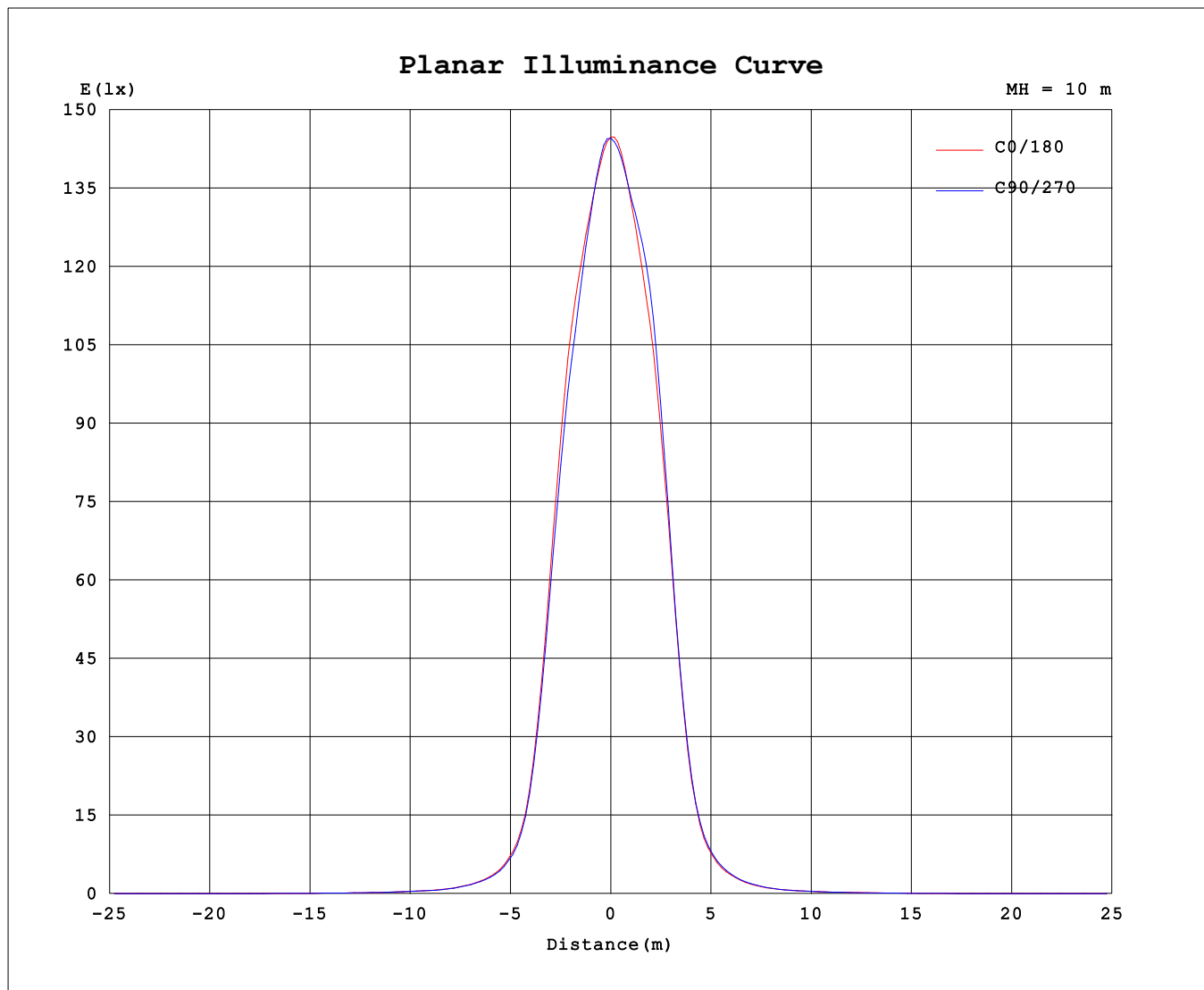
AvgL	cd/m2
L_0~180 (65) av	4987
L_0~180 (75) av	1934
L_0~180 (85) av	633
L_90~270 (65) av	4903
L_90~270 (75) av	1900
L_90~270 (85) av	619
L_45 (65) av	4970
L_45 (75) av	1948
L_45 (85) av	615

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-28

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: 2024-10-28

$\gamma$  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	14463	14463	14463	14463	14463	14463	14463	14463
3.0	13998	14120	14123	13964	14233	14116	14153	14220
6.0	13187	13243	13082	12994	13371	13335	13504	13529
9.0	12237	12161	11752	11776	12341	12498	12900	12731
12.0	10945	10853	10286	10331	11074	11226	11758	11675
15.0	8681	8775	8178	7998	8946	8875	9345	9545
18.0	5769	6062	5502	5187	6109	5867	6201	6561
21.0	3171	3445	3037	2753	3373	3211	3478	3793
24.0	1610	1730	1533	1445	1725	1646	1809	1961
27.0	958.0	997.3	901.5	863.1	1013	981.7	1065	1137
30.0	604.6	634.6	571.1	563.6	640.9	627.7	683.8	716.0
33.0	412.4	432.8	397.3	384.5	435.0	415.4	452.6	477.0
36.0	290.7	292.4	279.3	261.7	292.4	285.4	310.4	334.0
39.0	205.6	209.1	199.8	190.8	210.7	199.2	215.0	232.7
42.0	157.3	159.3	153.2	150.6	160.4	152.2	160.1	170.7
45.0	130.3	133.8	127.6	125.3	132.7	126.9	132.0	138.0
48.0	104.5	109.2	104.3	101.7	109.2	101.7	106.0	111.8
51.0	83.92	86.41	84.31	83.20	88.30	83.24	84.19	88.33
54.0	69.62	71.96	69.52	68.52	73.11	68.93	69.71	73.13
57.0	50.82	53.44	51.25	49.88	54.61	51.01	51.52	56.33
60.0	40.92	42.31	40.69	40.54	43.04	40.73	41.43	43.06
63.0	32.42	33.83	32.61	31.73	34.33	32.47	32.78	34.67
66.0	24.96	26.19	25.46	24.20	26.59	25.13	25.36	27.31
69.0	18.06	19.10	18.58	17.47	19.55	18.16	18.59	20.12
72.0	12.67	13.43	13.21	12.23	13.86	12.80	12.92	14.34
75.0	5.743	7.336	7.045	5.321	7.673	6.076	6.133	8.294
78.0	3.178	3.349	3.401	3.224	3.431	3.107	3.131	3.489
81.0	2.298	2.368	2.475	2.480	2.501	2.257	2.260	2.435
84.0	0.8381	0.8497	0.9386	1.017	0.9869	0.7855	0.8324	0.9183
87.0	0.3797	0.3722	0.4513	0.3654	0.4454	0.3203	0.3890	0.4059
90.0	0.1974	0.1307	0.2119	0.2858	0.1785	0.1323	0.1579	0.1251

C Range: 0 - 360DEG  
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Operators:DAMIN  
Test Date:2024-10-28

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: