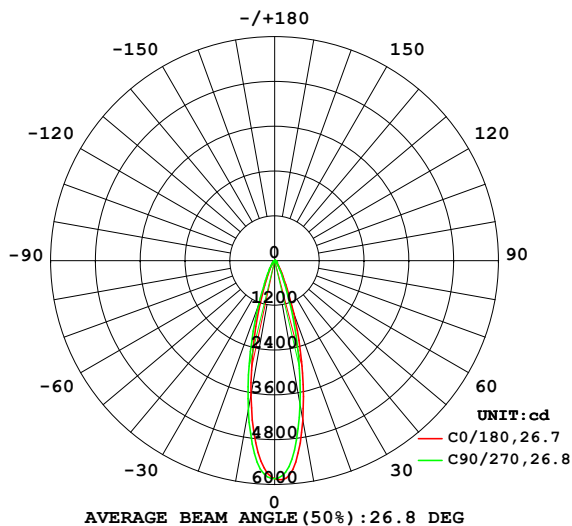


LUMINAIRE PHOTOMETRIC TEST REPORT

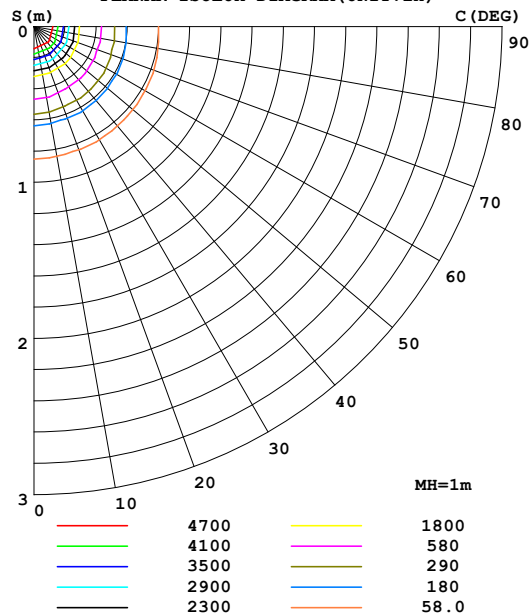
Test:U:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.27 lm/W			
MODEL		Imax (cd)	5874	S/MH(C0/180)	0.41
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1657.9	η UP,DN(C0-180)	0.0,50.9
NOMINAL FLUX(lm)	1657.87	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.43	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:2024-11-06

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4352	4212	3926	3716	3662	3812	4081	4268	0- 10	468.1	468.1	28.2,28.2
20	1509	1379	1175	1033	993.9	1077	1266	1442	10- 20	668.3	1136	68.5,68.5
30	380.0	345.9	297.3	273.2	268.2	283.7	324.0	363.4	20- 30	286.5	1423	85.8,85.8
40	131.0	122.7	107.2	100.8	99.57	103.7	116.4	126.4	30- 40	120.3	1543	93.1,93.1
50	57.38	57.34	51.83	49.30	47.85	49.82	54.17	56.22	40- 50	59.19	1602	96.7,96.7
60	29.78	28.54	27.18	24.52	24.35	25.74	28.69	29.23	50- 60	34.45	1637	98.7,98.7
70	10.22	9.531	8.179	6.973	6.485	7.381	8.924	9.814	60- 70	17.41	1654	99.8,99.8
80	1.346	1.281	1.189	1.059	1.038	1.065	1.180	1.263	70- 80	3.207	1657	100,100
90	0.0623	0.0360	0.0652	0.0412	0.0434	0.0408	0.0524	0.0373	80- 90	0.4372	1658	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): 1577.1 lm

%lum = 95.1%

%lamp = 95.1%

Conical surface Flux(120deg): 1636.8 lm

%lum = 98.7%

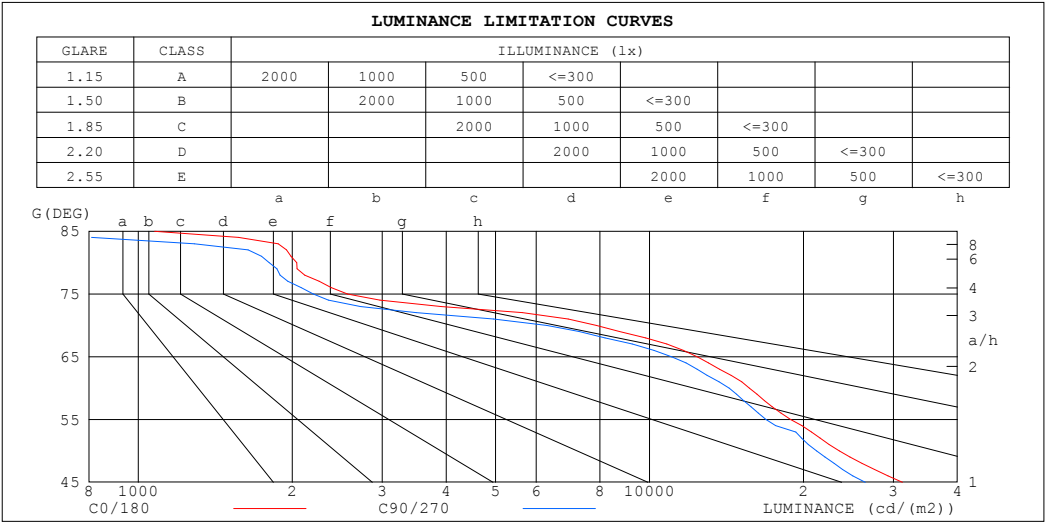
%lamp = 98.7%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-11-06

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:

LUMINANCE LIMITATION CURVES

Test:U:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



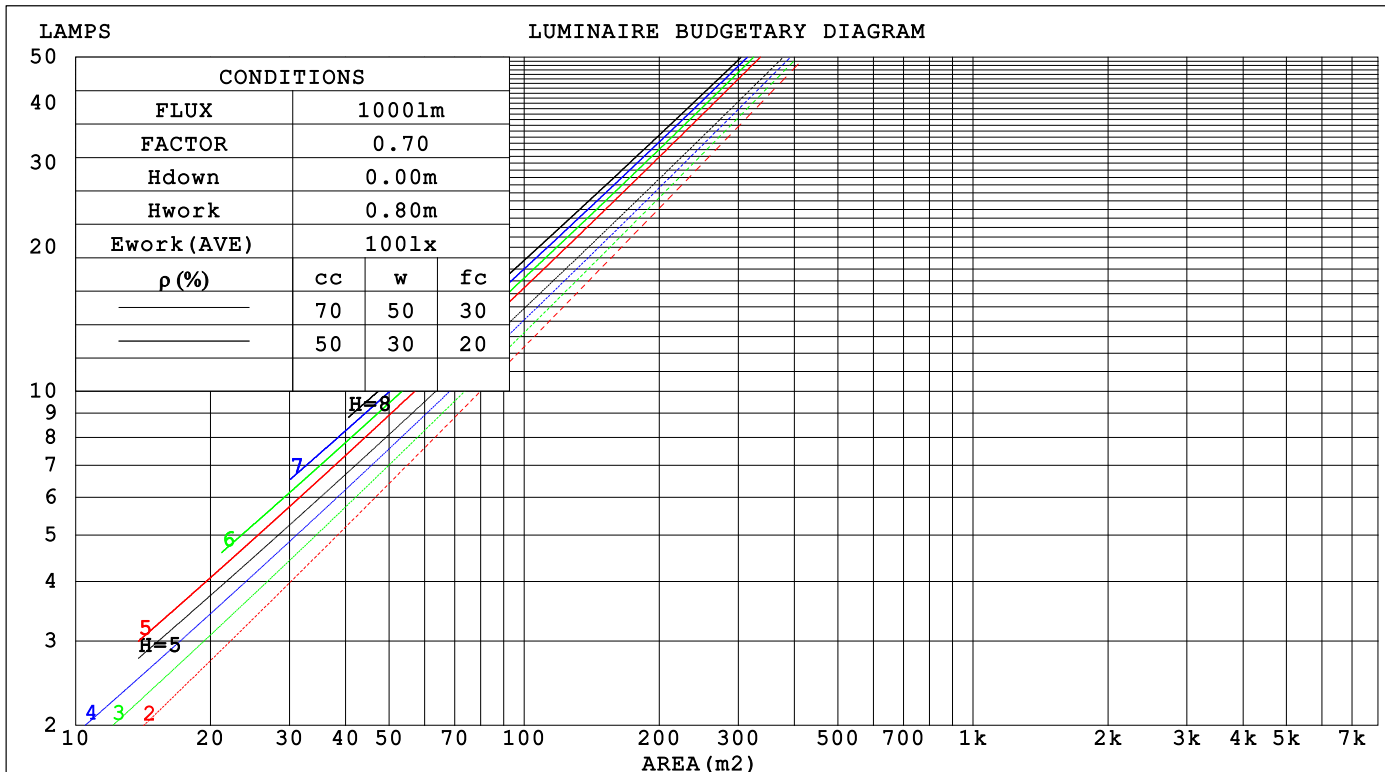
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1076	613
80	2041	1802
75	2568	2199
70	7870	6294
65	12389	11046
60	15681	14309
55	18886	16904
50	23501	21224
45	31222	26425

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 45.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	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:2024-11-06	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808		
Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D 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															



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D 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	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.113	.065	.021		
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.120	.067	.021	.111	.063	.020		
3.0	.136	.072	.022	.132	.070	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018		
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.019	.110	.059	.018	.104	.056	.017		
5.0	.121	.062	.018	.118	.060	.018	.111	.058	.017	.105	.056	.017	.100	.053	.016		
6.0	.115	.057	.016	.112	.056	.016	.106	.054	.016	.101	.052	.015	.096	.051	.015		
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.093	.048	.014		
8.0	.103	.051	.014	.101	.050	.014	.097	.048	.014	.093	.047	.014	.089	.046	.013		
9.0	.099	.048	.013	.097	.047	.013	.093	.046	.013	.089	.045	.013	.086	.044	.013		
10.0	.094	.045	.013	.093	.045	.012	.089	.044	.012	.086	.043	.012	.083	.042	.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	.170	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016		
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013		
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011		
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.109	.076	.053	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006		
7.0	.101	.069	.045	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006		
8.0	.095	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005		
9.0	.090	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004		
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.019	.030	.019	.011	.010	.006	.004		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz UTHDi:0.17% ITHDi:6.35% KDisp:0.9808Lamp Flux:1657.87x1 lm											
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D 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	18.0	18.8	18.2	18.9	19.1	17.4	18.1	17.6	18.3	18.5	
	3H	18.3	19.0	18.5	19.2	19.3	17.6	18.3	17.9	18.5	18.7
	4H	18.2	18.9	18.5	19.1	19.3	17.5	18.2	17.8	18.4	18.6
	6H	18.1	18.8	18.4	19.0	19.2	17.5	18.1	17.8	18.3	18.6
	8H	18.1	18.7	18.4	18.9	19.2	17.4	18.0	17.7	18.3	18.5
	12H	18.0	18.6	18.4	18.9	19.2	17.4	18.0	17.7	18.2	18.5
4H	2H	18.1	18.8	18.4	19.0	19.2	17.5	18.2	17.8	18.4	18.6
	3H	18.4	19.0	18.7	19.2	19.5	17.8	18.4	18.1	18.6	18.9
	4H	18.3	18.9	18.7	19.2	19.5	17.7	18.3	18.1	18.6	18.9
	6H	18.2	18.7	18.6	19.1	19.4	17.7	18.1	18.0	18.5	18.8
	8H	18.2	18.6	18.6	19.0	19.4	17.6	18.0	18.0	18.4	18.8
	12H	18.2	18.6	18.6	18.9	19.3	17.6	18.0	18.0	18.3	18.7
8H	4H	18.2	18.6	18.6	19.0	19.4	17.6	18.1	18.0	18.4	18.8
	6H	18.1	18.5	18.5	18.9	19.3	17.5	17.9	18.0	18.3	18.7
	8H	18.1	18.4	18.5	18.8	19.3	17.5	17.8	17.9	18.2	18.7
	12H	18.0	18.3	18.5	18.7	19.2	17.4	17.7	17.9	18.2	18.6
12H	4H	18.1	18.6	18.6	18.9	19.3	17.6	18.0	18.0	18.3	18.7
	6H	18.1	18.4	18.5	18.8	19.2	17.5	17.8	17.9	18.2	18.7
	8H	18.0	18.3	18.5	18.7	19.2	17.4	17.7	17.9	18.2	18.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.5 / - 2.0					+ 1.2 / - 1.9					
1.5H	+ 2.4 / - 1.4					+ 1.6 / - 1.2					
2.0H	+ 2.1 / - 1.6					+ 1.7 / - 1.4					

CIE Pub.117, 1658 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.8)
Area: 0.0038 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:		WEIGHT:
SPEC.:		SERIAL No.:
MFR.: Norming lighting		Shielding Angle:
DIM.:		
SUR.: 70mm		

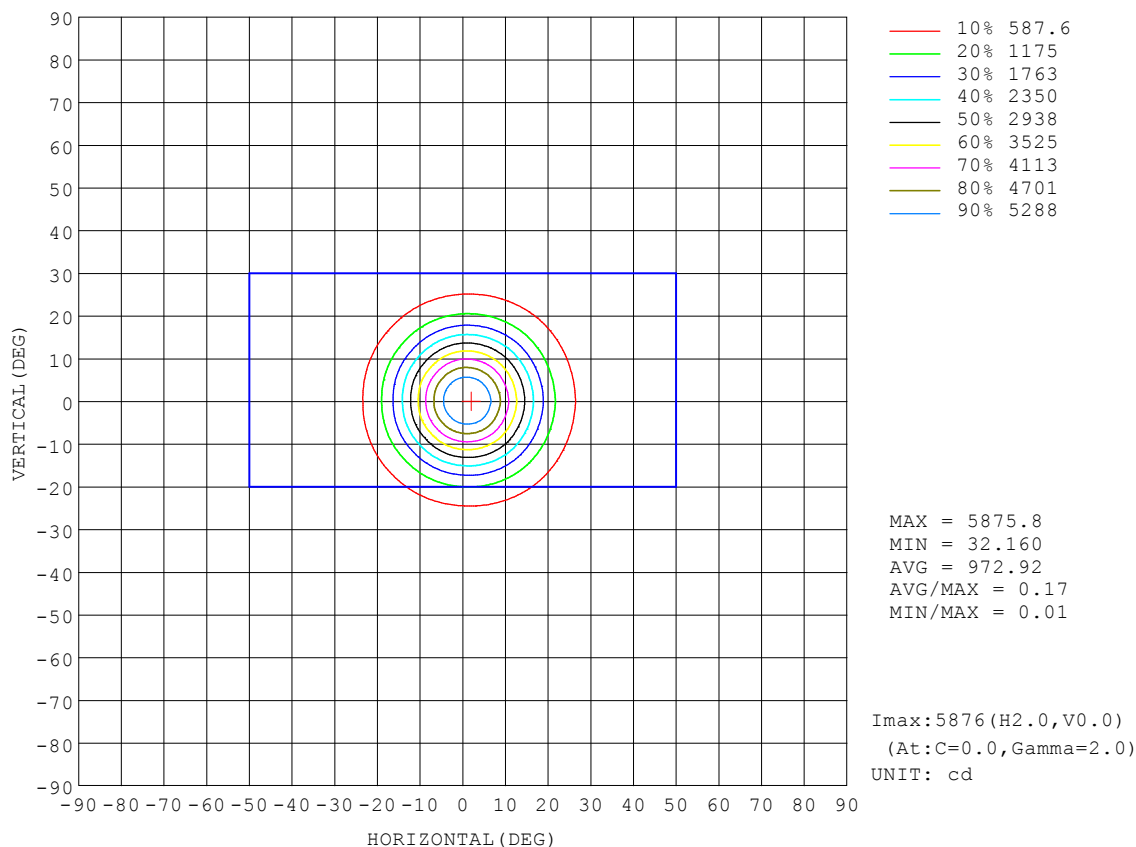
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	93	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	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	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:2024-11-06

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:

ISOCANDELA DIAGRAM

Test:U:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

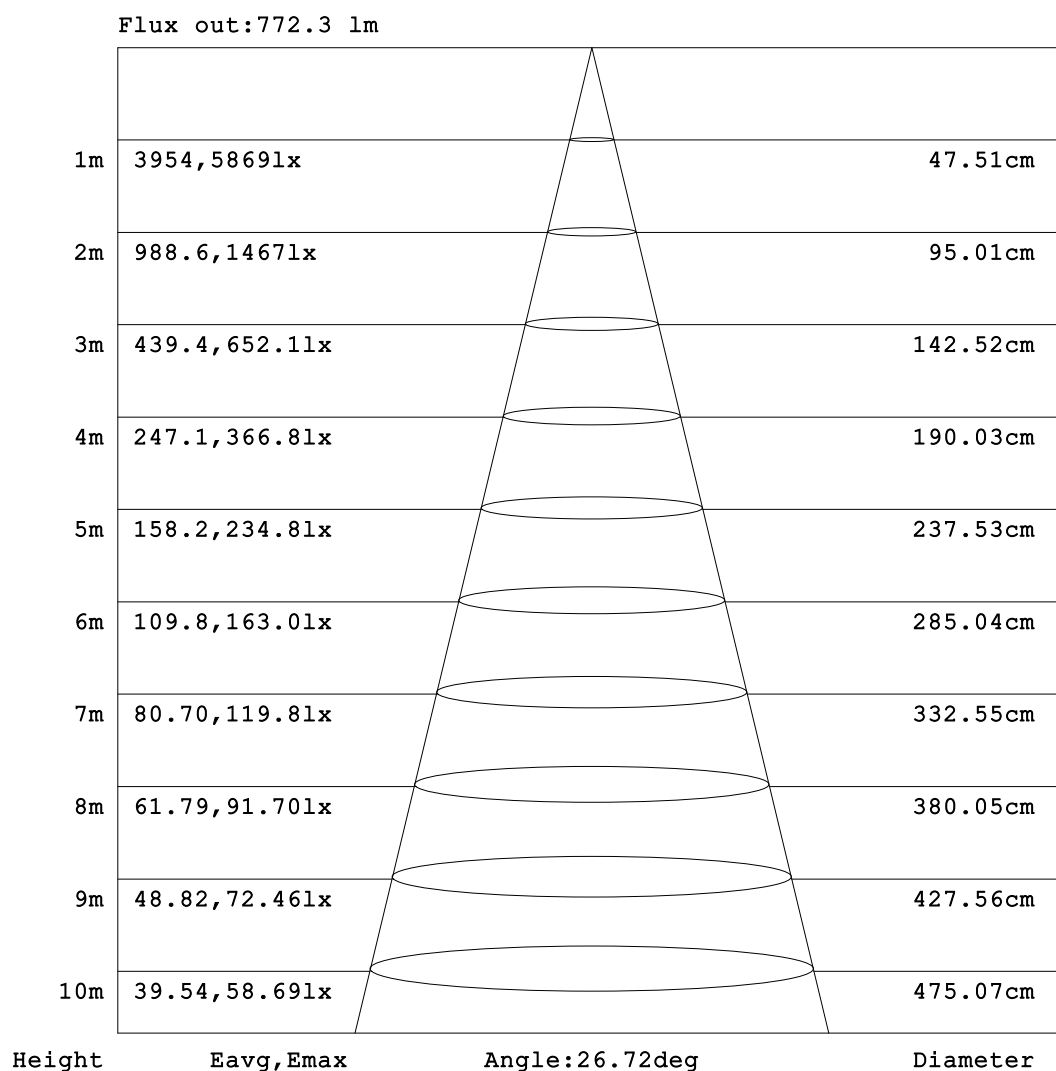


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808		Lamp Flux:1657.87x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



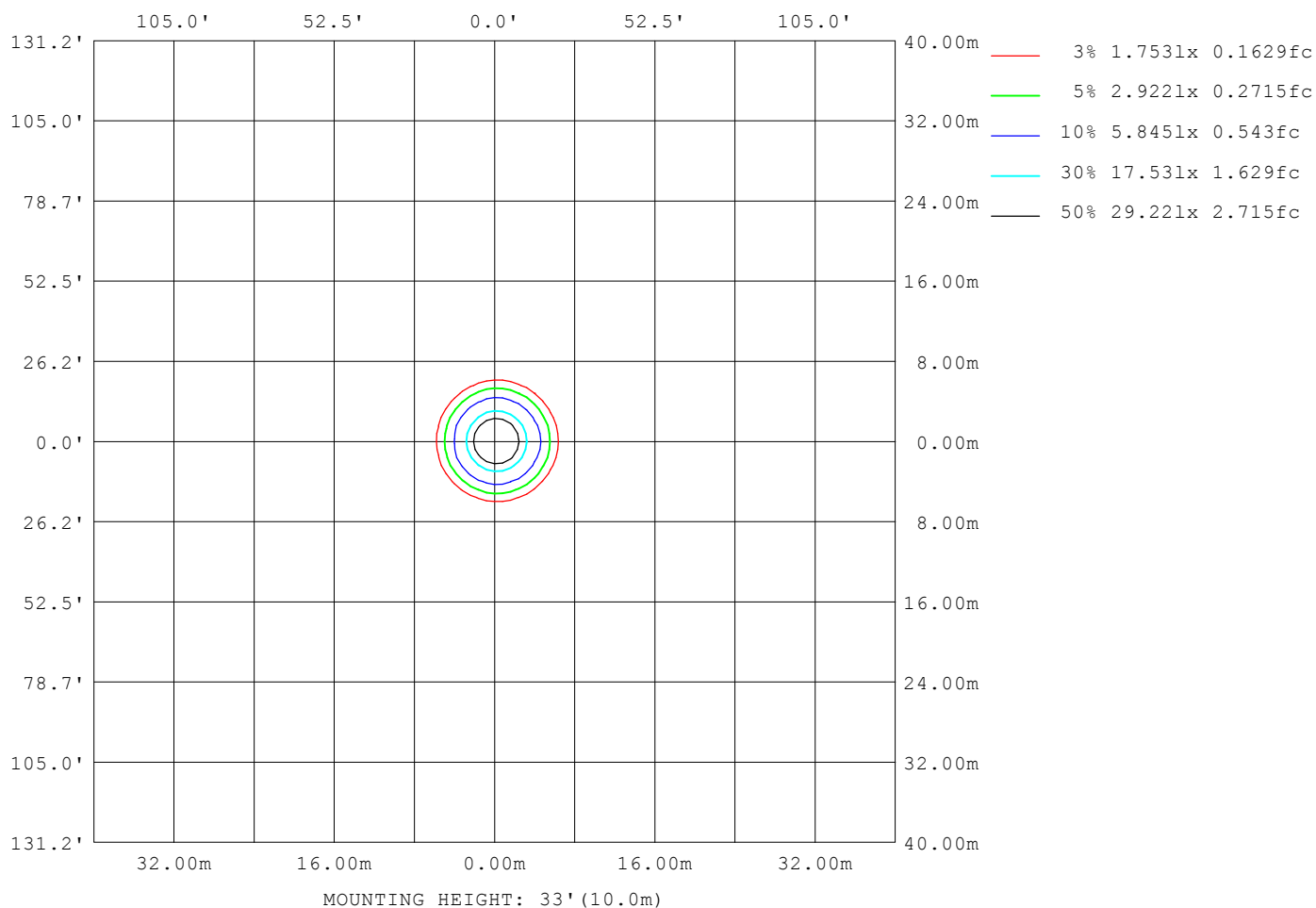
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808		Lamp Flux:1657.87x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D 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:2024-11-06

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:240.5V I:0.0628A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.35% KDisp:0.9808 Lamp Flux:1657.87x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 4000K RA90 24D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

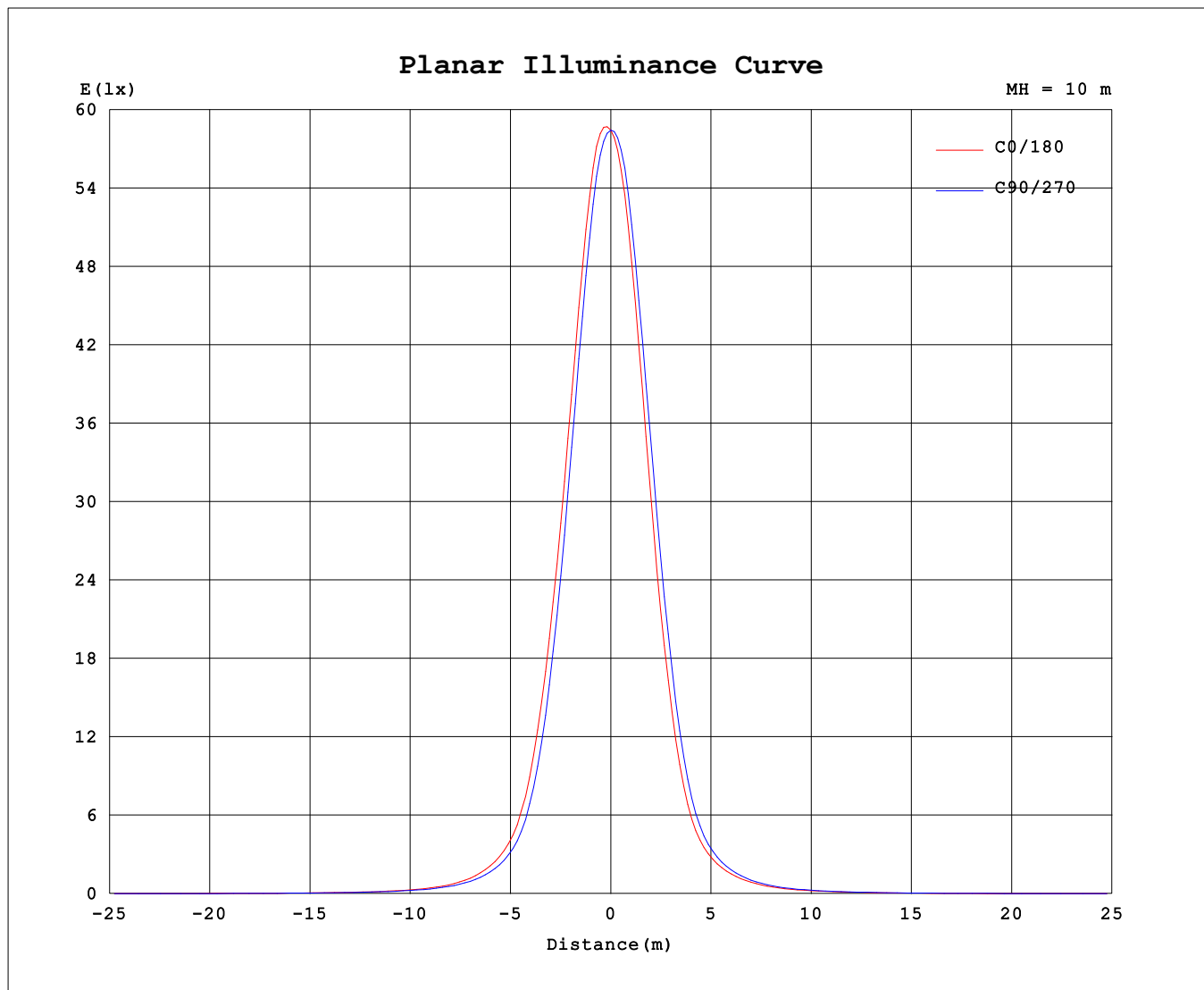
AvgL	cd/m2
L_0~180 (65) av	10919
L_0~180 (75) av	2282
L_0~180 (85) av	776
L_90~270 (65) av	11328
L_90~270 (75) av	2230
L_90~270 (85) av	609
L_45 (65) av	10924
L_45 (75) av	2247
L_45 (85) av	603

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-11-06

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: 2024-11-06

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:

```

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	5842	5842	5842	5842	5842	5842	5842	5842
3.0	5839	5780	5675	5589	5561	5608	5715	5800
6.0	5426	5324	5103	4951	4907	5004	5202	5353
9.0	4653	4517	4249	4049	3992	4129	4386	4566
12.0	3724	3586	3283	3049	2997	3165	3454	3652
15.0	2800	2660	2366	2150	2107	2249	2522	2739
18.0	1979	1837	1589	1415	1370	1481	1707	1912
21.0	1307	1183	1001	877.3	840.3	925.8	1077	1238
24.0	833.7	737.9	626.7	558.7	539.2	579.6	680.7	773.9
27.0	544.3	492.9	421.2	382.9	373.2	397.9	458.8	517.4
30.0	380.0	345.9	297.3	273.2	268.2	283.7	324.0	363.4
33.0	271.5	248.3	214.4	199.5	196.2	205.9	234.0	260.5
36.0	196.5	181.7	157.3	147.1	144.9	151.5	171.6	189.1
39.0	144.4	135.0	117.5	110.5	109.0	113.6	127.8	139.4
42.0	108.4	102.2	90.58	84.65	83.89	87.90	97.49	104.8
45.0	83.86	79.25	70.99	66.49	66.02	69.08	76.26	81.26
48.0	66.18	64.58	58.43	55.33	54.38	56.11	61.33	64.26
51.0	53.70	53.74	48.91	46.61	45.08	46.89	51.29	52.88
54.0	44.37	42.93	39.40	36.04	35.95	37.87	42.22	43.59
57.0	35.95	34.40	32.67	29.80	29.80	31.32	34.58	35.25
60.0	29.78	28.54	27.18	24.52	24.35	25.74	28.69	29.23
63.0	23.63	22.57	21.37	19.00	18.73	19.88	22.37	23.06
66.0	17.99	17.15	15.76	13.79	13.34	14.42	16.73	17.45
69.0	11.89	11.21	9.914	8.649	8.334	9.073	10.59	11.43
72.0	6.625	5.678	4.103	3.394	3.217	3.647	4.725	6.039
75.0	2.524	2.367	2.162	2.020	1.965	2.051	2.225	2.404
78.0	1.670	1.580	1.497	1.381	1.352	1.387	1.495	1.577
81.0	1.182	1.112	1.036	0.8990	0.8618	0.9028	1.027	1.103
84.0	0.6232	0.5023	0.3216	0.1952	0.1953	0.1914	0.3535	0.5073
87.0	0.1651	0.1262	0.1276	0.0747	0.0851	0.0801	0.1235	0.1181
90.0	0.0623	0.0360	0.0652	0.0412	0.0434	0.0408	0.0524	0.0373

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-06

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: