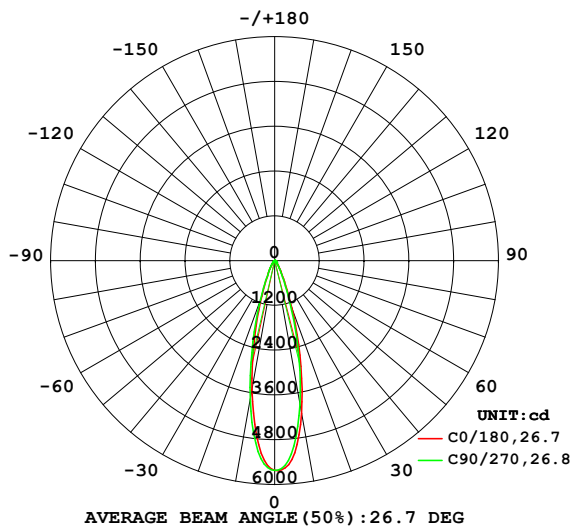


LUMINAIRE PHOTOMETRIC TEST REPORT

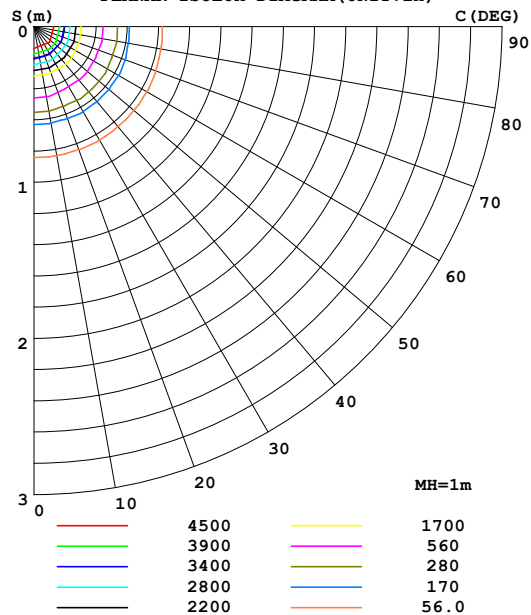
Test:U:240.5V I:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K RA90 24D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.21 lm/W			
MODEL		I _{max} (cd)	5624	S/MH (C0/180)	0.42
NOMINAL POWER(W)	15	LOR (%)	100.0	S/MH (C90/270)	0.44
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1589.4	η UP,DN (C0-180)	0.0,52.3
NOMINAL FLUX(lm)	1589.41	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,47.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.42	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: 2024-11-05

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	4160	4116	3917	3671	3513	3572	3775	3990	0- 10	448.8	448.8	28.2,28.2
20	1366	1364	1218	1097	1016	1015	1111	1249	10- 20	640.2	1089	68.5,68.5
30	343.6	348.9	316.1	291.4	271.0	266.3	279.9	311.3	20- 30	273.6	1363	85.7,85.7
40	121.5	123.3	113.2	105.5	99.12	97.86	103.0	110.9	30- 40	115.5	1478	93,93
50	55.65	55.15	53.81	49.28	46.56	47.78	50.34	51.24	40- 50	57.12	1535	96.6,96.6
60	28.54	29.00	28.59	25.37	24.06	24.15	26.39	26.68	50- 60	33.51	1569	98.7,98.7
70	10.30	9.915	8.657	7.046	6.085	6.769	8.273	9.365	60- 70	17.08	1586	99.8,99.8
80	1.381	1.280	1.130	1.008	0.9924	1.044	1.227	1.316	70- 80	3.193	1589	100,100
90	0.0635	0.0392	0.0649	0.0389	0.0401	0.0398	0.0508	0.0347	80- 90	0.4358	1589	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): 1510.8 lm

%lum = 95.1%

%lamp = 95.1%

Conical surface Flux(120deg): 1568.7 lm

%lum = 98.7%

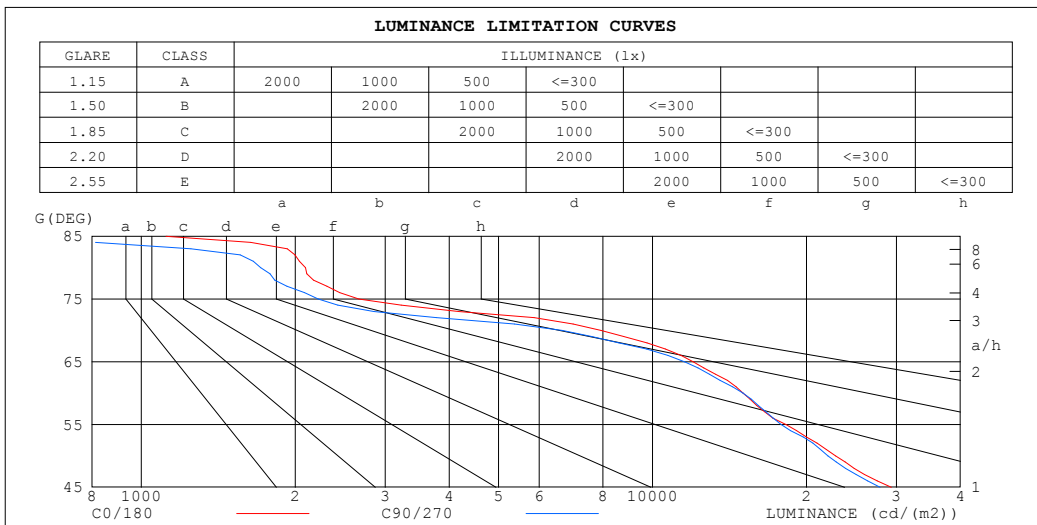
%lamp = 98.7%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K 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	1117	600
80	2096	1712
75	2663	2218
70	7931	6660
65	12014	11556
60	15038	15043
55	18251	17841
50	22811	22028
45	29326	27872

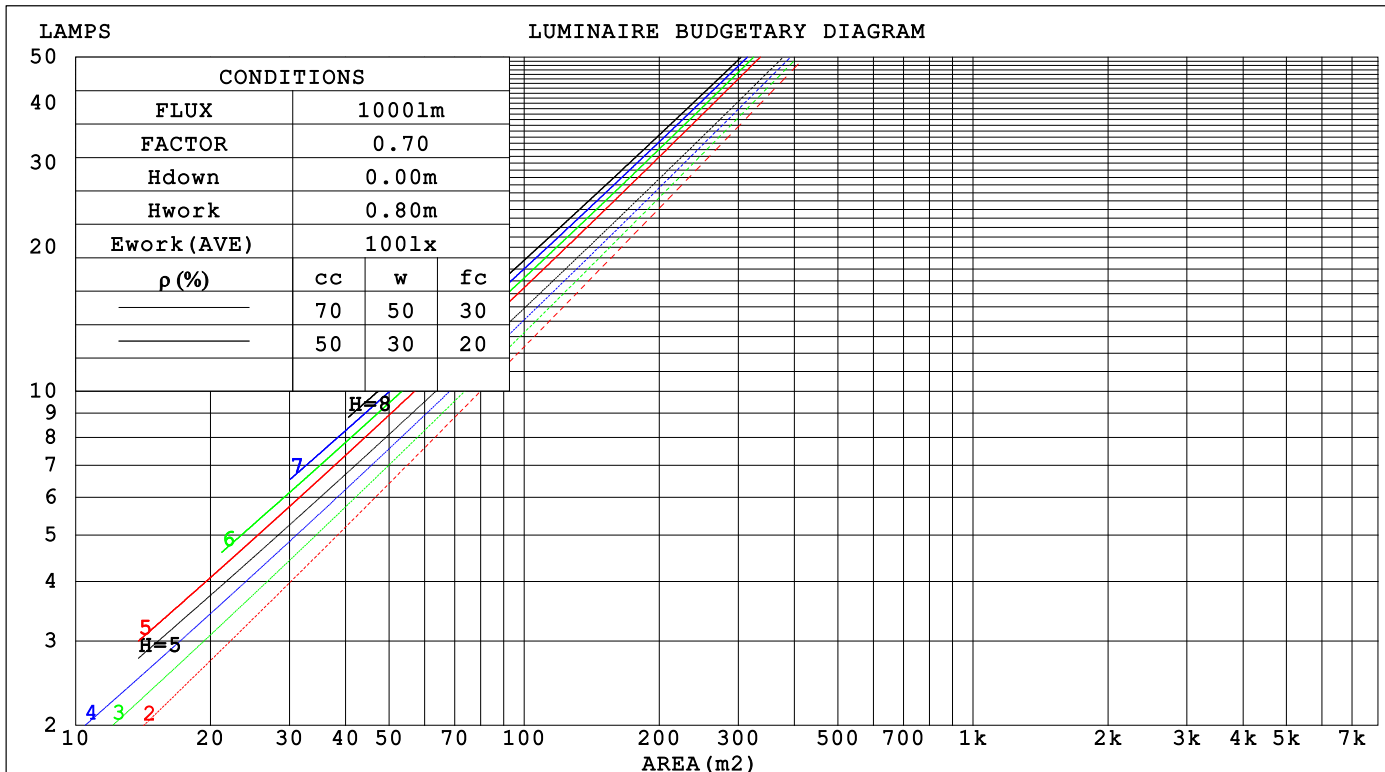
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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:240.5V I:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K 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:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K 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	.148	.084	.027	.135	.078	.025	.124	.071	.023	.113	.066	.021		
2.0	.145	.080	.024	.140	.077	.024	.129	.072	.022	.120	.067	.021	.111	.063	.020		
3.0	.136	.073	.022	.132	.071	.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	.104	.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	.095	.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	.077	.053	.093	.066	.046	.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:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.4lx1 lm											
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K 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		17.9	18.7	18.1	18.8	19.0	17.7	18.5	17.9	18.6	18.8
	3H	18.2	18.9	18.4	19.1	19.3	18.0	18.7	18.2	18.9	19.1
	4H	18.1	18.8	18.4	19.0	19.2	17.9	18.6	18.2	18.8	19.0
	6H	18.1	18.7	18.4	18.9	19.2	17.8	18.5	18.1	18.7	18.9
	8H	18.0	18.6	18.3	18.9	19.1	17.8	18.4	18.1	18.6	18.9
	12H	18.0	18.6	18.3	18.8	19.1	17.7	18.3	18.1	18.6	18.9
4H	2H	18.0	18.7	18.3	18.9	19.1	17.9	18.5	18.1	18.8	19.0
	3H	18.4	18.9	18.7	19.2	19.5	18.1	18.7	18.5	19.0	19.3
	4H	18.3	18.8	18.6	19.1	19.4	18.1	18.6	18.4	18.9	19.2
	6H	18.2	18.7	18.6	19.0	19.4	18.0	18.5	18.4	18.8	19.1
	8H	18.2	18.6	18.6	19.0	19.3	17.9	18.4	18.3	18.7	19.1
	12H	18.1	18.5	18.5	18.9	19.3	17.9	18.3	18.3	18.7	19.1
8H	4H	18.2	18.6	18.6	19.0	19.3	18.0	18.4	18.4	18.8	19.1
	6H	18.1	18.5	18.5	18.9	19.3	17.9	18.2	18.3	18.6	19.0
	8H	18.1	18.4	18.5	18.8	19.2	17.8	18.2	18.3	18.6	19.0
	12H	18.0	18.3	18.5	18.7	19.2	17.8	18.1	18.2	18.5	19.0
12H	4H	18.1	18.5	18.5	18.9	19.3	17.9	18.3	18.3	18.7	19.1
	6H	18.1	18.4	18.5	18.8	19.2	17.8	18.2	18.3	18.6	19.0
	8H	18.0	18.3	18.5	18.7	19.2	17.8	18.1	18.2	18.5	19.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.3 / - 1.9					+ 1.2 / - 1.8				
1.5H		+ 2.1 / - 1.2					+ 1.8 / - 1.1				
2.0H		+ 1.9 / - 1.4					+ 1.7 / - 1.4				

CIE Pub.117, 1589 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 1.6$)
Area: 0.0038 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K RA90 24D TYPE:		WEIGHT:
SPEC.:		SERIAL No.:
MFR.: Norming lighting		Shielding Angle:
DIM.:		
SUR.: 70mm		

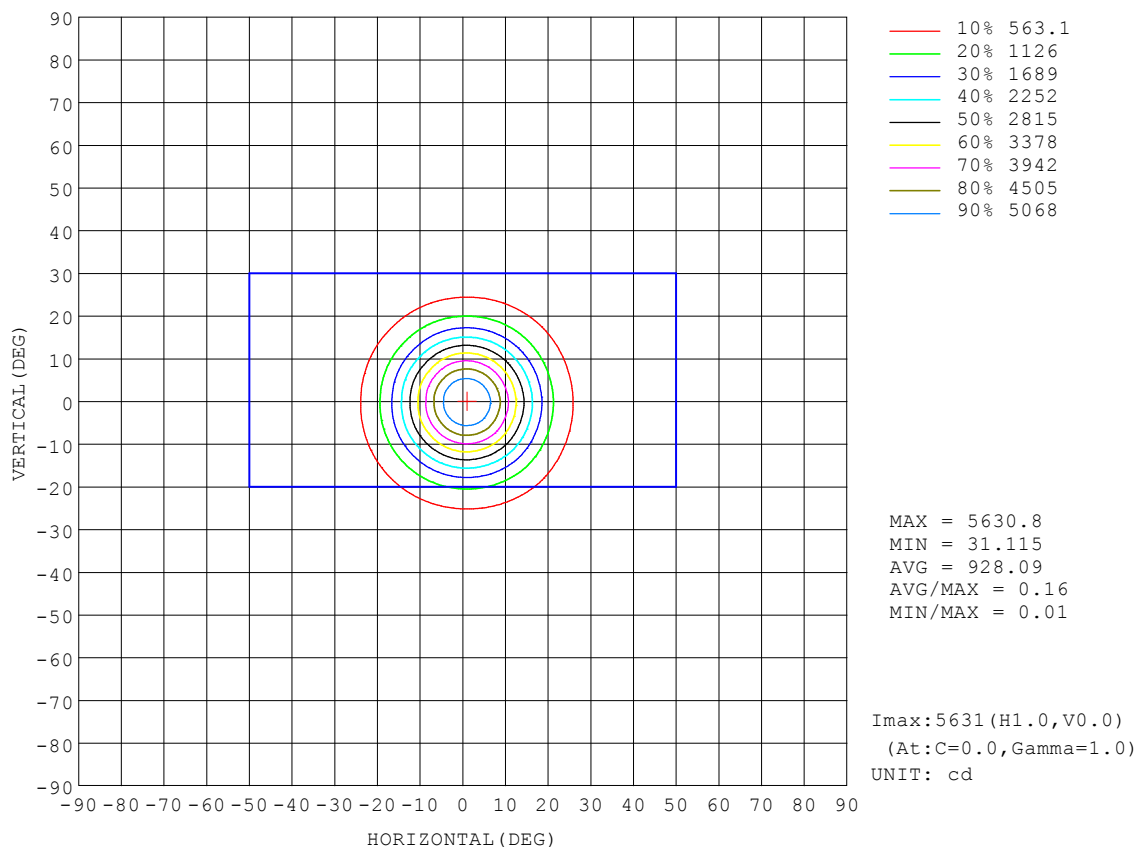
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	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	104	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:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.4lx1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K RA90 24D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

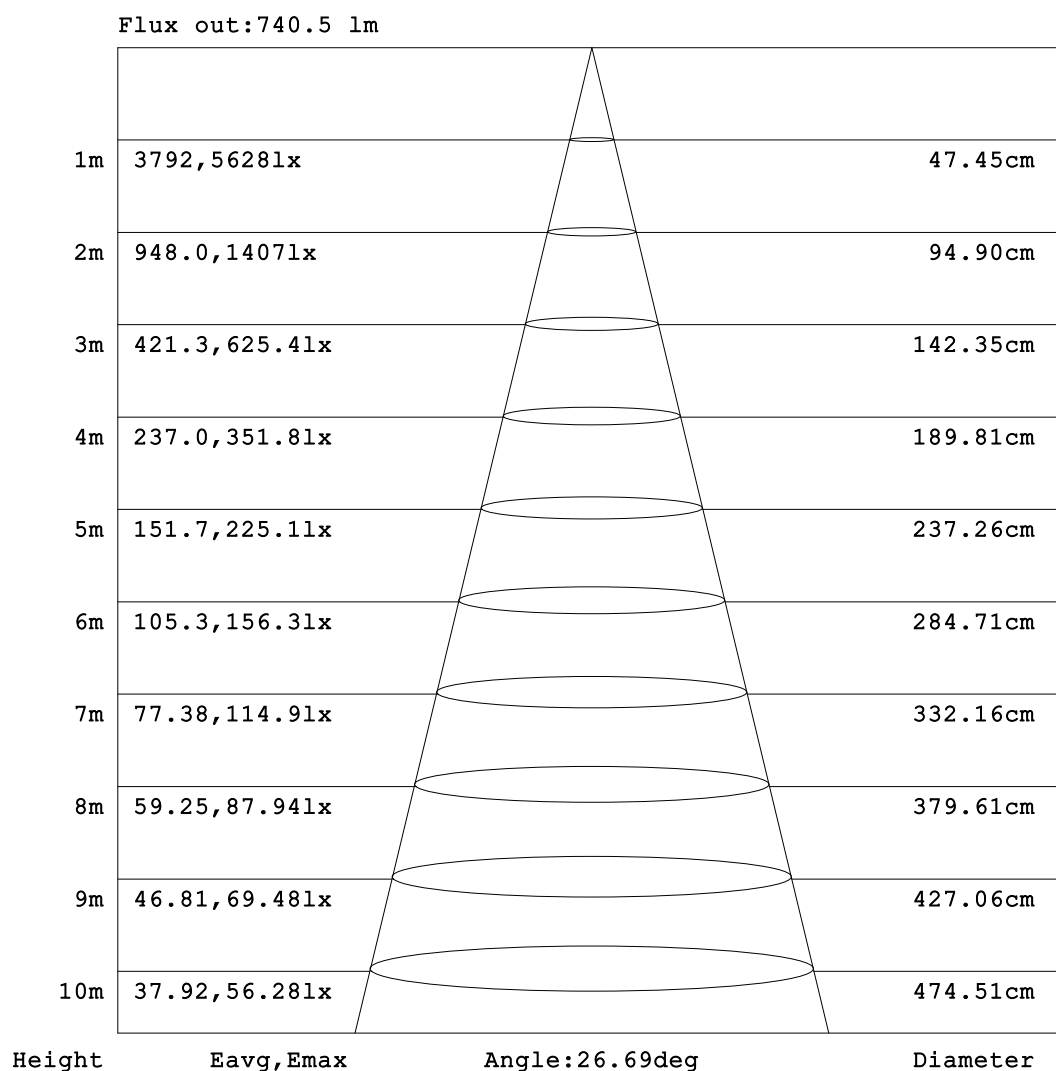


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808		Lamp Flux:1589.4lx1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K RA90 24D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



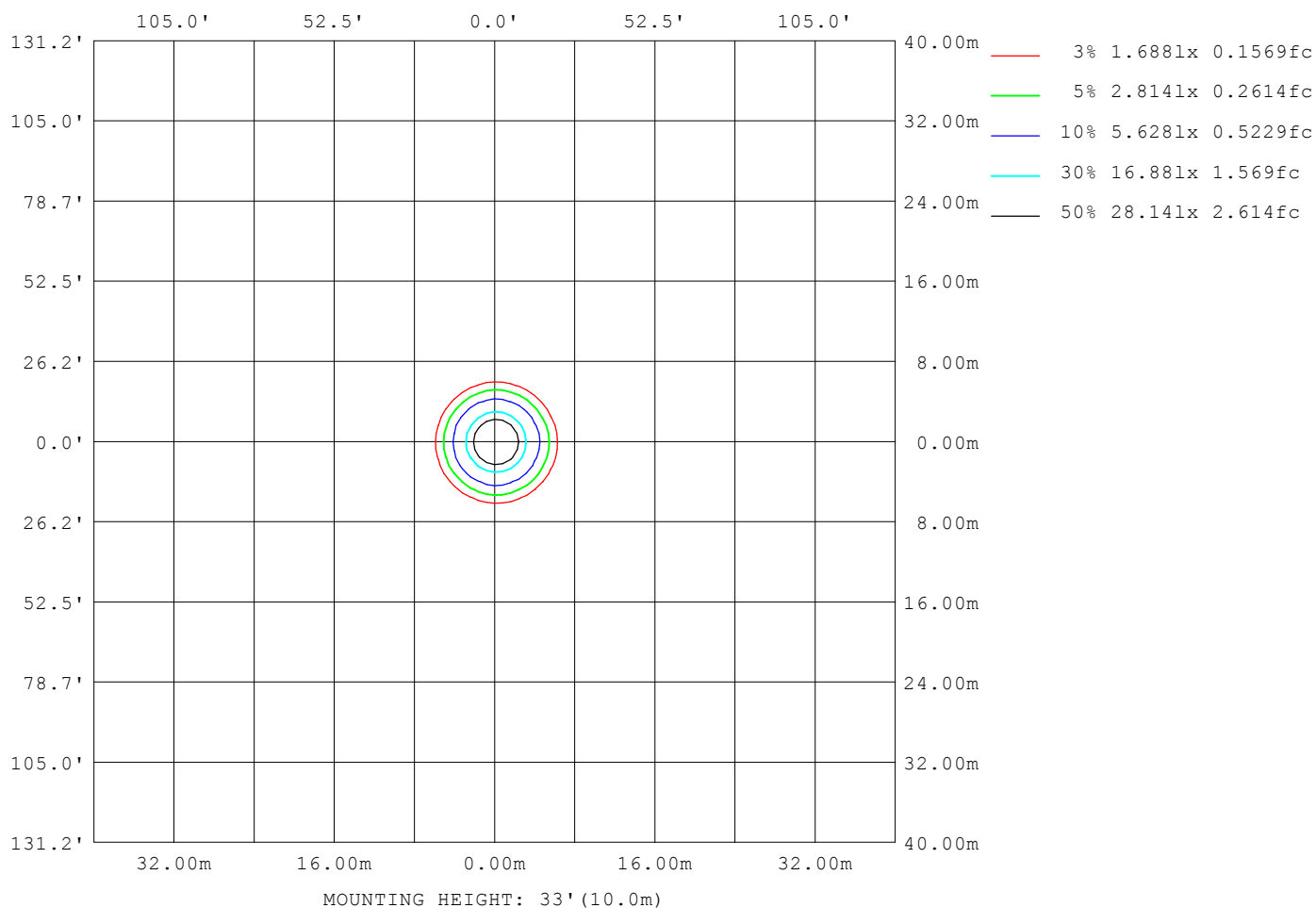
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808		Lamp Flux:1589.4lx1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K 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:2024-11-05

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:0.0630A P:14.8W PF:0.9786 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.28% KDisp:0.9808 Lamp Flux:1589.41x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 3000K RA90 24D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

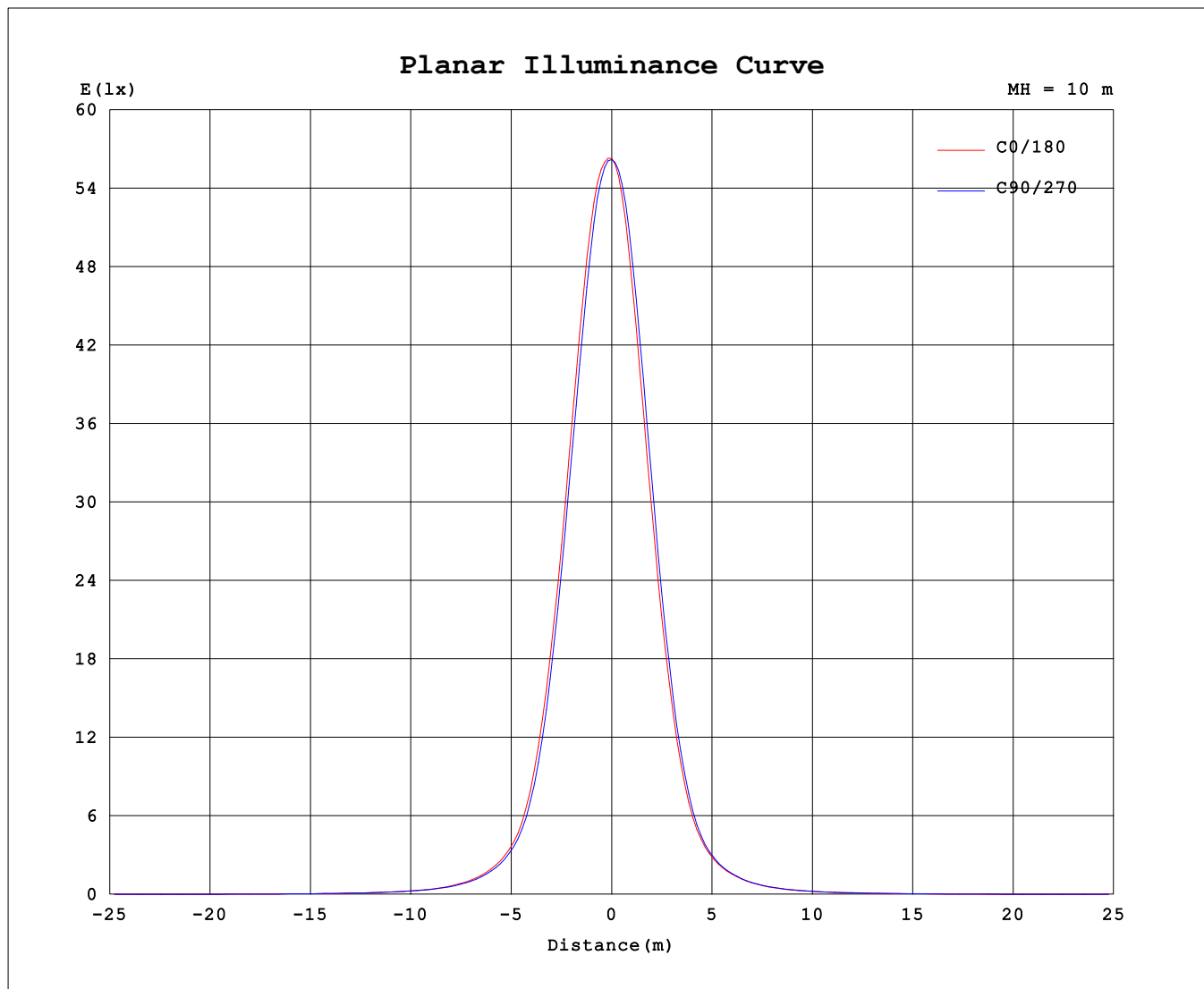
AvgL	cd/m2
L_0~180 (65) av	10669
L_0~180 (75) av	2288
L_0~180 (85) av	786
L_90~270 (65) av	11238
L_90~270 (75) av	2231
L_90~270 (85) av	598
L_45 (65) av	10697
L_45 (75) av	2239
L_45 (85) av	609

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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: 2024-11-05

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	5621	5621	5621	5621	5621	5621	5621	5621
3.0	5559	5546	5489	5413	5358	5388	5456	5517
6.0	5177	5143	4991	4806	4695	4758	4907	5066
9.0	4450	4405	4207	3971	3823	3886	4081	4292
12.0	3546	3514	3317	3075	2909	2953	3149	3358
15.0	2624	2613	2428	2220	2078	2097	2253	2445
18.0	1822	1819	1642	1492	1381	1386	1504	1673
21.0	1172	1170	1038	933.8	864.1	873.1	945.1	1068
24.0	727.0	733.1	659.8	596.8	553.6	545.0	590.5	664.6
27.0	487.4	494.1	446.7	410.0	379.9	373.5	396.5	443.6
30.0	343.6	348.9	316.1	291.4	271.0	266.3	279.9	311.3
33.0	247.8	250.9	228.2	212.5	197.2	193.4	203.8	224.3
36.0	180.7	183.2	166.7	155.2	144.9	142.8	150.1	164.2
39.0	133.7	135.7	124.1	115.8	108.7	107.2	112.9	122.0
42.0	100.9	102.4	95.53	88.13	83.26	82.83	86.73	93.07
45.0	78.70	79.18	74.90	68.83	65.49	65.40	68.39	72.16
48.0	62.97	62.98	60.65	55.36	52.93	54.42	56.49	57.73
51.0	52.22	51.89	50.95	46.58	43.87	44.56	47.52	48.19
54.0	42.66	42.93	41.58	37.27	35.77	35.39	39.01	41.06
57.0	34.23	34.86	34.46	30.99	29.75	29.37	31.58	31.94
60.0	28.54	29.00	28.59	25.37	24.06	24.15	26.39	26.68
63.0	22.90	22.94	22.31	19.64	18.60	18.74	20.91	21.28
66.0	17.55	17.51	16.57	14.06	13.05	13.51	15.69	16.36
69.0	11.95	11.64	10.35	8.774	8.011	8.457	9.887	10.91
72.0	6.878	6.183	4.440	3.368	2.983	3.293	4.342	5.870
75.0	2.616	2.478	2.182	1.949	1.883	1.954	2.207	2.426
78.0	1.714	1.624	1.441	1.315	1.295	1.362	1.537	1.636
81.0	1.210	1.114	0.9847	0.8473	0.8206	0.8820	1.072	1.145
84.0	0.6497	0.5194	0.3231	0.1862	0.1901	0.1877	0.3507	0.5221
87.0	0.1659	0.1214	0.1206	0.0755	0.0794	0.0751	0.1249	0.1252
90.0	0.0635	0.0392	0.0649	0.0389	0.0401	0.0398	0.0508	0.0347

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-11-05

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: