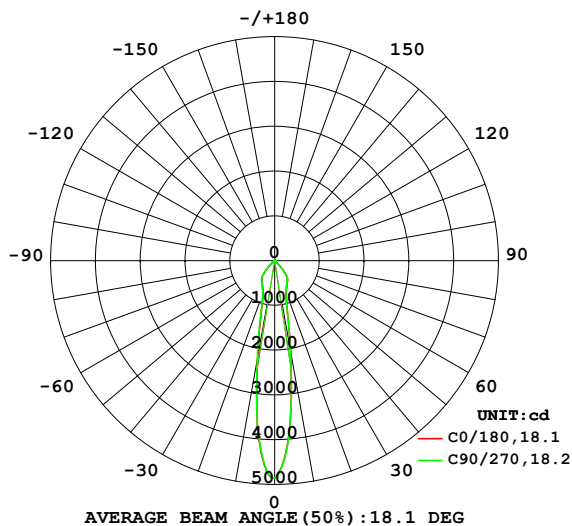


## LUMINAIRE PHOTOMETRIC TEST REPORT

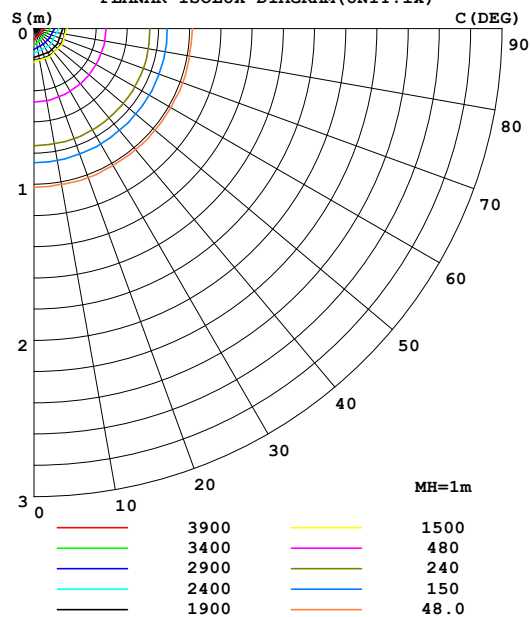
Test:U:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D	13W TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 112.15 lm/W
MODEL		I <sub>max</sub> (cd)	4865	S/MH (C0/180)	0.32	
NOMINAL POWER (W)	13	LOR (%)	100.0	S/MH (C90/270)	0.32	
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	1407.0	η UP, DN (C0-180)	0.0, 48.8	
NOMINAL FLUX (lm)	1407	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 51.2	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	240.38	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: 2024-10-17

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	2060	2010	2052	2139	2205	2307	2259	2139	0- 10	312.7	312.7	22.2,22.2
20	759.9	743.0	745.7	752.7	767.8	780.0	784.7	767.5	10- 20	329.4	642.0	45.6,45.6
30	568.7	565.4	561.9	568.1	572.8	575.7	576.6	574.5	20- 30	298.8	940.8	66.9,66.9
40	364.9	359.4	360.4	375.5	385.0	388.9	388.0	371.7	30- 40	309.6	1250	88.9,88.9
50	23.09	21.89	21.21	24.57	28.97	31.59	32.09	27.49	40- 50	132.9	1383	98.3,98.3
60	6.782	6.811	6.843	6.932	7.088	7.004	6.971	6.970	50- 60	10.50	1394	99.1,99.1
70	5.091	5.023	5.188	5.219	5.052	5.209	5.259	5.243	60- 70	5.881	1400	99.5,99.5
80	3.814	3.892	3.931	4.075	3.857	4.160	4.078	4.134	70- 80	4.784	1404	99.8,99.8
90	0.0487	0.0410	0.0568	0.0408	0.0388	0.0394	0.0461	0.0373	80- 90	2.515	1407	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): 1349.6 lm

%lum = 95.9%

%lamp = 95.9%

Conical surface Flux(120deg): 1393.8 lm

%lum = 99.1%

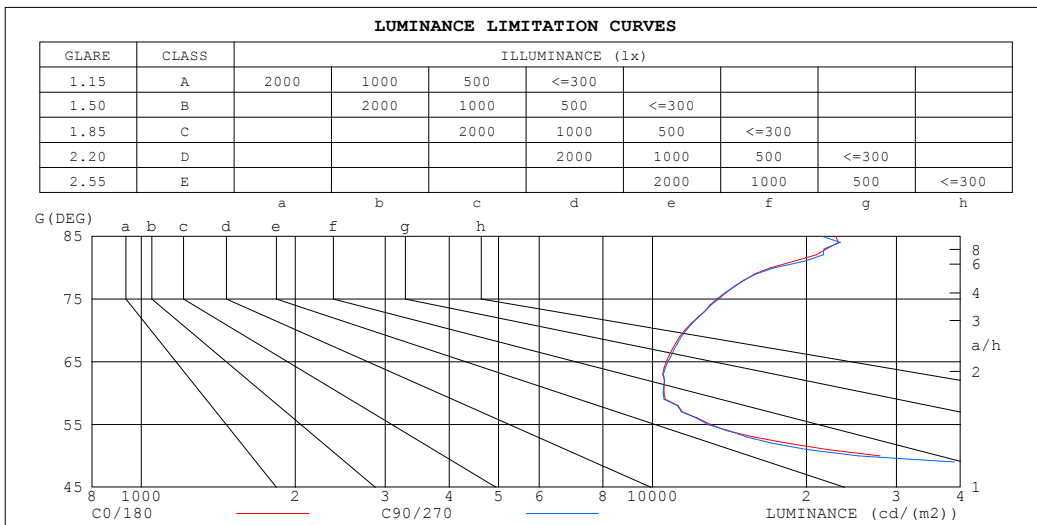
%lamp = 99.1%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

$\gamma$  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:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz			Lamp Flux:1407x1 lm		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660					
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D 13WTYPE:			WEIGHT:		
SPEC.:			DIM.:		
MFR.: Norming lighting			SUR.: 41mm		
			Shielding Angle:		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	22816	21446
80	17049	17349
75	13448	13368
70	11552	11626
65	10636	10716
60	10528	10490
55	12991	12830
50	27885	25297
45	168492	164075

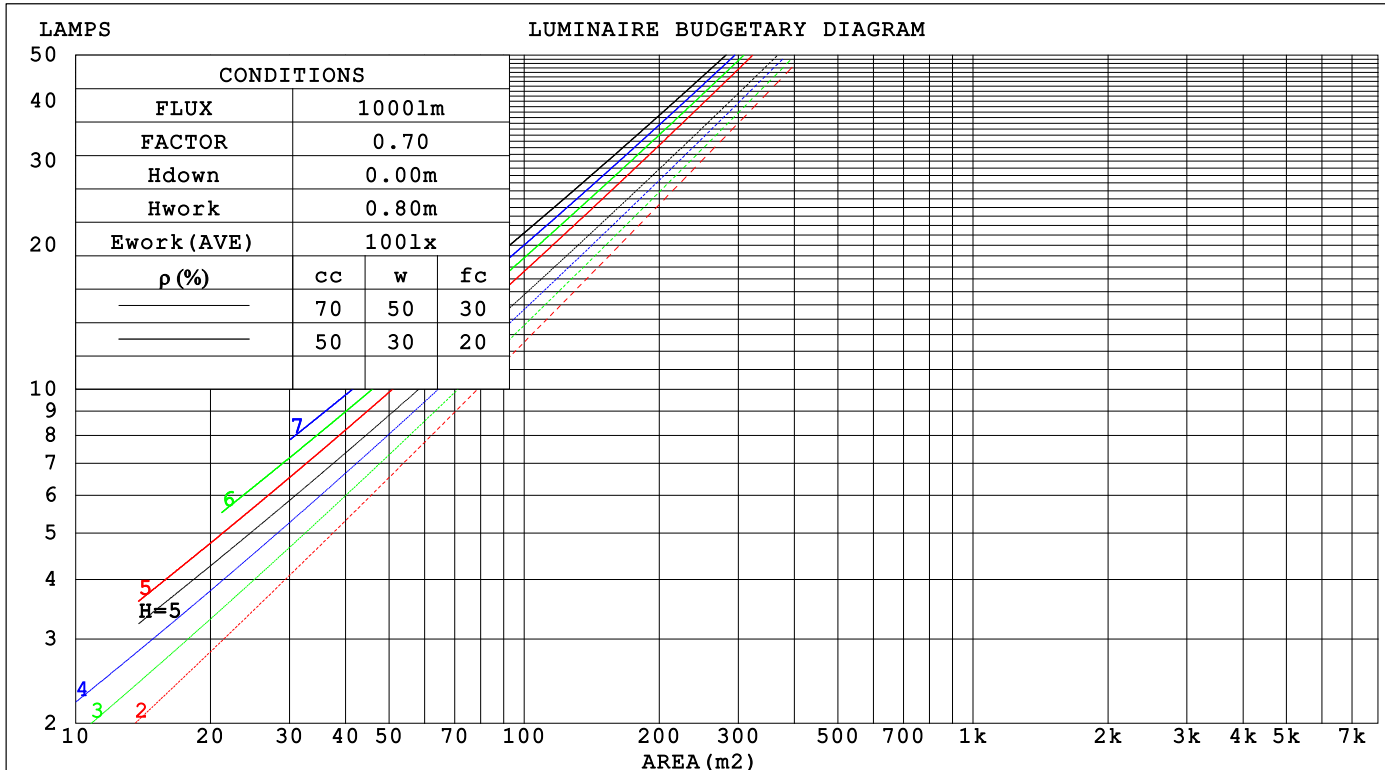
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D 13WTYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	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	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.97	.96	.94
2.0	1.04	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.86	.81	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.75	.71	.80	.75	.71	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.71	.67	.76	.70	.67	.75	.70	.66	.73	.69	.66	.72	.68	.65	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.61
9.0	.69	.63	.60	.69	.63	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz			UTHDi:0.17% ITHDi:19.05% KDisp:0.9660			Lamp Flux:1407x1 lm		
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D			13WTYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming lighting			SUR.: 41mm			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	.175	.099	.031	.168	.096	.030	.155	.089	.028	.144	.083	.027	.133	.077	.025		
2.0	.166	.091	.028	.161	.089	.027	.150	.084	.026	.140	.079	.025	.131	.074	.023		
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.074	.023	.128	.071	.022		
4.0	.150	.078	.023	.146	.076	.023	.138	.073	.022	.131	.070	.021	.124	.067	.021		
5.0	.142	.073	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019		
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.121	.063	.018	.116	.061	.018		
7.0	.129	.064	.018	.126	.063	.018	.121	.061	.018	.116	.060	.017	.112	.058	.017		
8.0	.123	.060	.017	.121	.059	.017	.116	.058	.017	.112	.057	.016	.108	.055	.016		
9.0	.118	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.104	.053	.015		
10.0	.113	.054	.015	.111	.053	.015	.107	.052	.015	.103	.051	.015	.100	.050	.014		

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016		
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013		
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011		
4.0	.132	.099	.073	.114	.085	.064	.078	.059	.045	.045	.035	.026	.015	.011	.009		
5.0	.123	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007		
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006		
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005		
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.008	.004		
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004		
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.020	.010	.011	.006	.003		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz UTHDi:0.17% ITHDi:19.05% KDisp:0.9660Lamp Flux:1407x1 lm											
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D 13WTYPE:						WEIGHT:					
SPEC.:						DIM.:			SERIAL No.:		
MFR.: Norming lighting						SUR.: 41mm			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		25.9	26.9	26.2	27.0	27.2	25.8	26.8	26.1	26.9	27.1
3H		25.8	26.6	26.1	26.8	27.0	25.7	26.5	26.0	26.7	26.9
4H		25.7	26.5	26.0	26.8	27.0	25.6	26.4	25.9	26.7	26.9
6H		25.7	26.4	26.0	26.7	26.9	25.6	26.3	25.9	26.6	26.8
8H		25.7	26.4	26.0	26.6	26.9	25.6	26.3	25.9	26.5	26.8
12H		25.6	26.3	26.0	26.6	26.9	25.6	26.2	25.9	26.5	26.8
4H 2H		25.7	26.5	26.0	26.7	26.9	25.6	26.4	25.9	26.6	26.8
3H		25.6	26.2	25.9	26.5	26.8	25.5	26.1	25.8	26.4	26.7
4H		25.5	26.1	25.8	26.4	26.7	25.4	26.0	25.7	26.3	26.6
6H		25.5	26.0	25.8	26.3	26.7	25.4	25.9	25.7	26.3	26.6
8H		25.5	26.0	25.9	26.3	26.7	25.4	25.9	25.8	26.2	26.6
12H		25.5	25.9	25.9	26.3	26.7	25.4	25.8	25.8	26.2	26.6
8H 4H		25.4	25.9	25.8	26.2	26.6	25.3	25.8	25.7	26.1	26.5
6H		25.4	25.8	25.8	26.2	26.6	25.3	25.7	25.7	26.1	26.5
8H		25.4	25.8	25.8	26.2	26.6	25.3	25.7	25.7	26.1	26.5
12H		25.4	25.7	25.9	26.2	26.7	25.3	25.7	25.8	26.1	26.6
12H 4H		25.3	25.8	25.7	26.2	26.6	25.2	25.7	25.6	26.1	26.5
6H		25.3	25.7	25.8	26.1	26.6	25.2	25.6	25.7	26.0	26.5
8H		25.4	25.7	25.8	26.1	26.6	25.3	25.6	25.7	26.0	26.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.5 / - 9.1					+ 2.5 / - 9.0				
1.5H		+ 4.8 / - 9.2					+ 4.7 / - 9.1				
2.0H		+ 7.3 / - 3.7					+ 7.2 / - 3.6				

CIE Pub.117, 1407 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.2)  
Area: 0.0013 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D	13WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

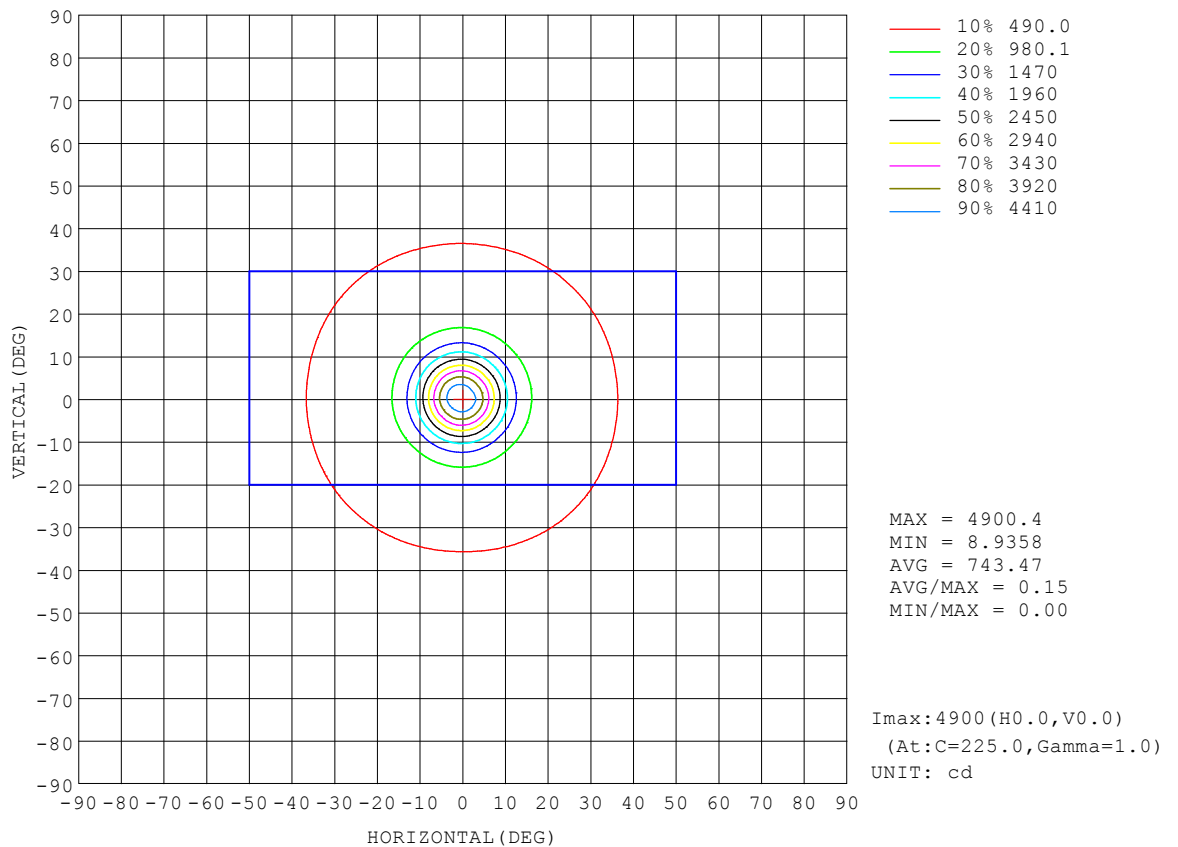
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	73	70
0.80	93	86	82	92	86	82	91	85	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	93	101	96	92	99	95	92	87
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	106	102	108	104	101	105	102	100	94
3.00	111	108	105	109	106	104	106	104	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	105	98
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:2024-10-17

$\gamma$  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:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D 13WTYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



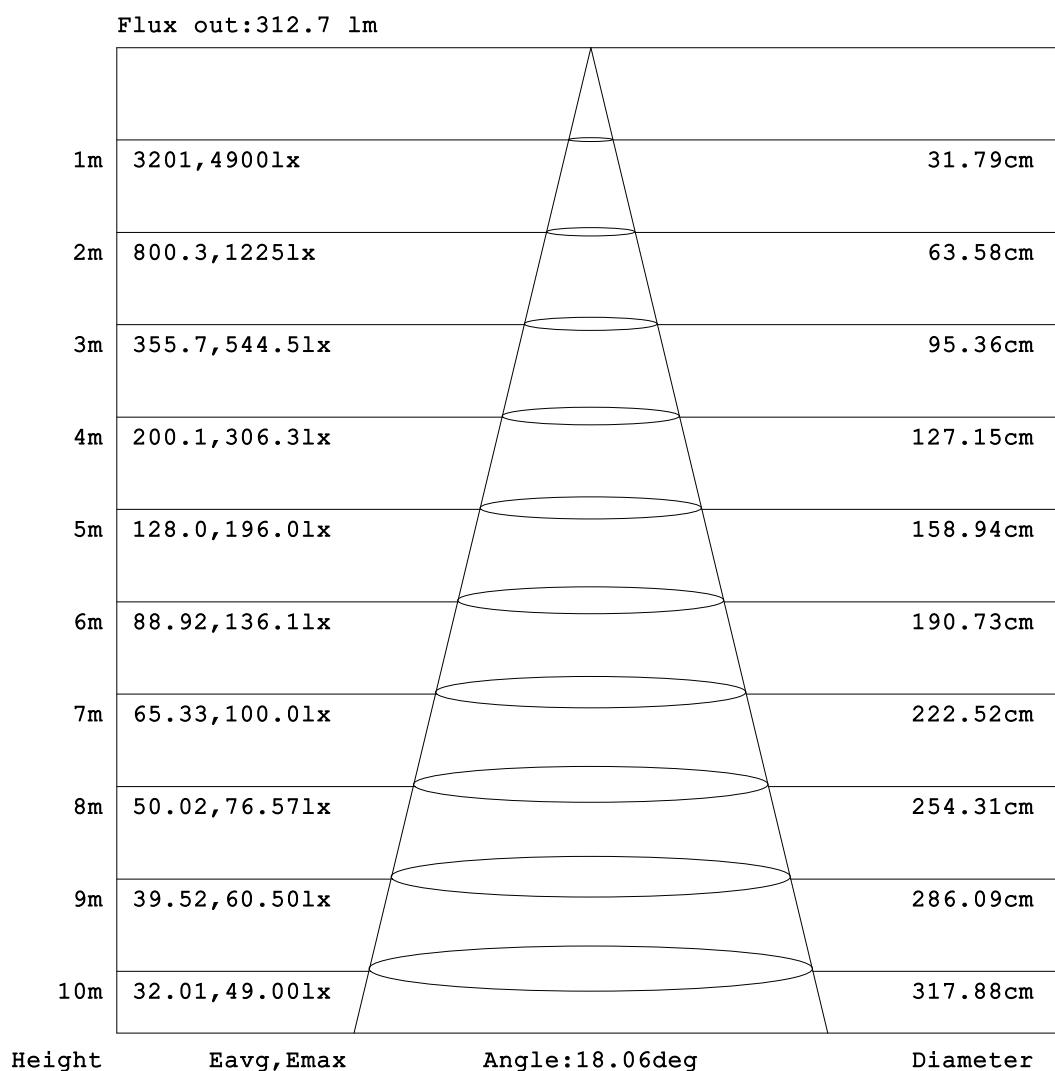
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D	13WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



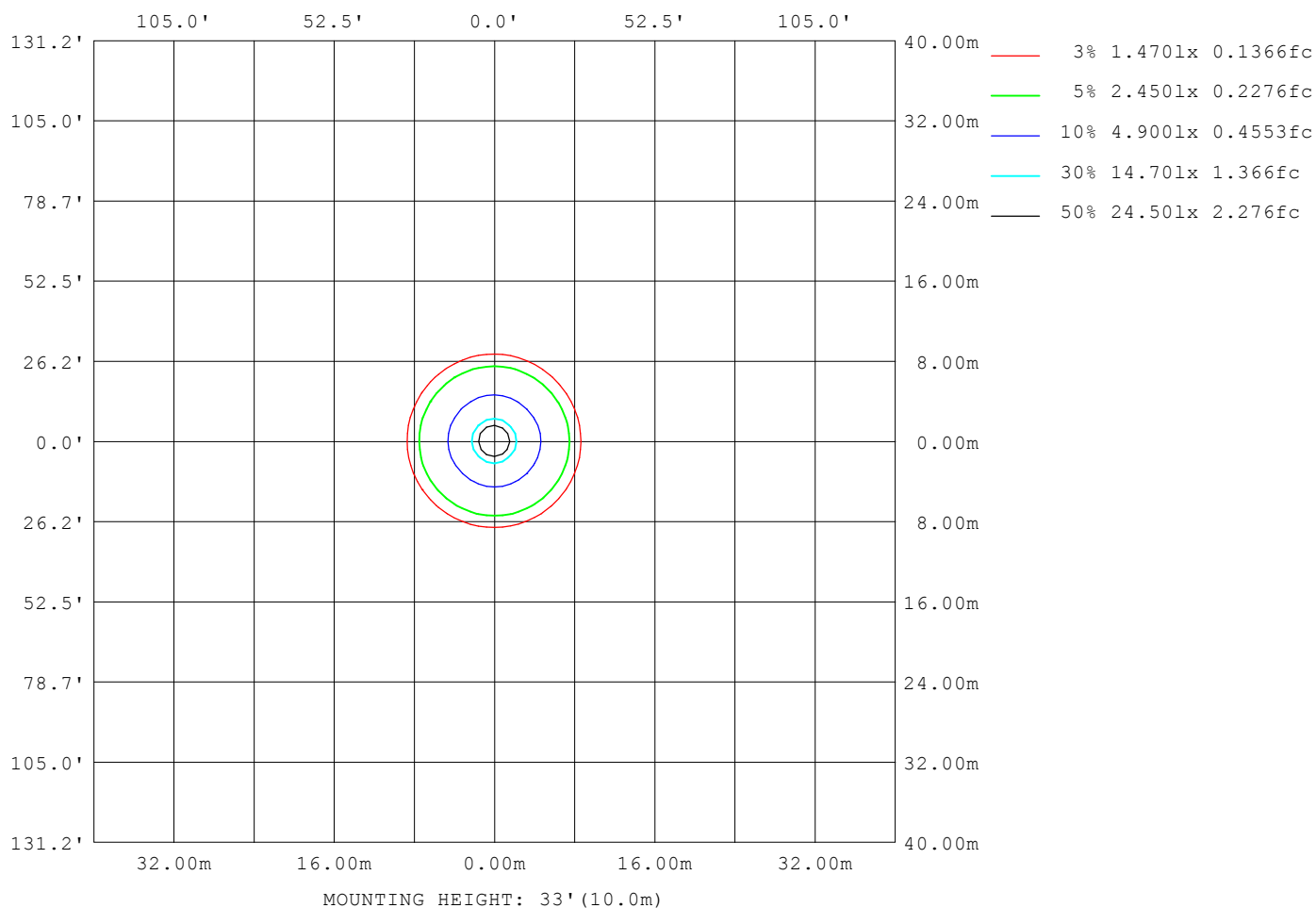
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660		Lamp Flux:1407x1 lm
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D	13WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-10-17

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:240.4V I:0.0550A P:12.5W PF:0.9485 Freq:49.99Hz		
UTHDi:0.17% ITHDi:19.05% KDisp:0.9660 Lamp Flux:1407x1 lm		
NAME: FUSION-MD23-AHD-013-COB-02SC 3000K RA90 15D 13W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

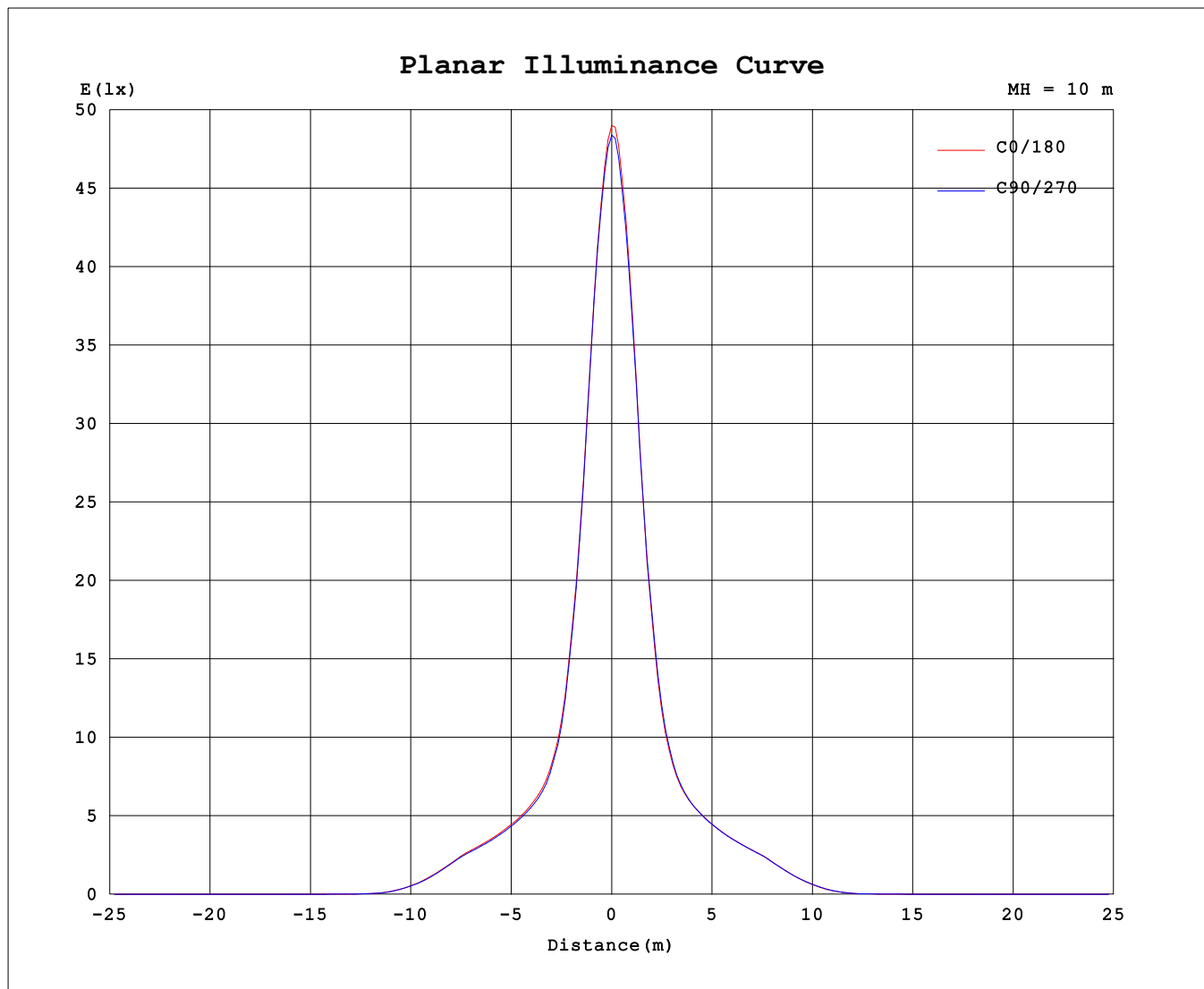
AvgL	cd/m2
L_0~180 (65) av	10591
L_0~180 (75) av	13237
L_0~180 (85) av	23691
L_90~270 (65) av	10782
L_90~270 (75) av	13651
L_90~270 (85) av	24172
L_45 (65) av	10693
L_45 (75) av	13431
L_45 (85) av	24291

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-17

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: 2024-10-17

$\gamma$  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	4857	4857	4857	4857	4857	4857	4857	4857
3.0	4382	4357	4404	4481	4542	4596	4529	4437
6.0	3440	3385	3468	3594	3697	3763	3695	3543
9.0	2352	2282	2352	2454	2539	2639	2583	2442
12.0	1571	1510	1561	1623	1684	1754	1742	1638
15.0	1083	1042	1061	1094	1134	1173	1178	1118
18.0	845.7	822.8	827.9	841.6	864.4	884.4	889.2	861.0
21.0	729.3	714.4	716.5	721.6	735.1	743.4	748.6	733.9
24.0	661.4	652.3	652.8	656.4	665.9	669.5	673.1	665.1
27.0	611.7	606.7	604.1	609.1	615.5	618.7	620.2	616.1
30.0	568.7	565.4	561.9	568.1	572.8	575.7	576.6	574.5
33.0	531.9	528.8	524.8	530.4	534.2	536.7	539.4	537.3
36.0	493.2	489.2	486.9	493.1	497.5	498.0	500.8	495.6
39.0	403.8	399.9	399.0	413.3	421.7	425.0	424.4	410.1
42.0	280.3	275.4	276.0	291.5	303.3	306.5	307.0	288.8
45.0	153.5	150.6	151.4	164.0	176.6	180.3	182.7	162.9
48.0	54.70	52.63	54.06	62.62	70.09	74.68	75.37	64.56
51.0	17.81	17.04	16.45	17.23	20.48	21.04	22.03	20.02
54.0	10.56	10.54	10.80	11.10	11.81	12.11	12.44	12.17
57.0	8.010	8.145	8.086	8.318	8.688	8.683	8.606	8.431
60.0	6.782	6.811	6.843	6.932	7.088	7.004	6.971	6.970
63.0	6.125	6.111	6.222	6.259	6.303	6.341	6.331	6.207
66.0	5.645	5.622	5.775	5.779	5.657	5.766	5.790	5.708
69.0	5.219	5.173	5.326	5.352	5.190	5.344	5.384	5.347
72.0	4.870	4.778	4.951	4.947	4.794	4.949	5.029	5.025
75.0	4.484	4.379	4.514	4.510	4.423	4.548	4.672	4.640
78.0	4.053	3.976	4.089	4.091	4.052	4.186	4.272	4.231
81.0	3.806	3.915	4.045	4.179	3.924	4.249	4.105	4.183
84.0	3.112	3.054	3.181	3.351	3.455	3.660	3.529	3.471
87.0	0.7224	0.5459	0.5779	0.9759	1.222	1.473	1.356	1.026
90.0	0.0487	0.0410	0.0568	0.0408	0.0388	0.0394	0.0461	0.0373

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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: