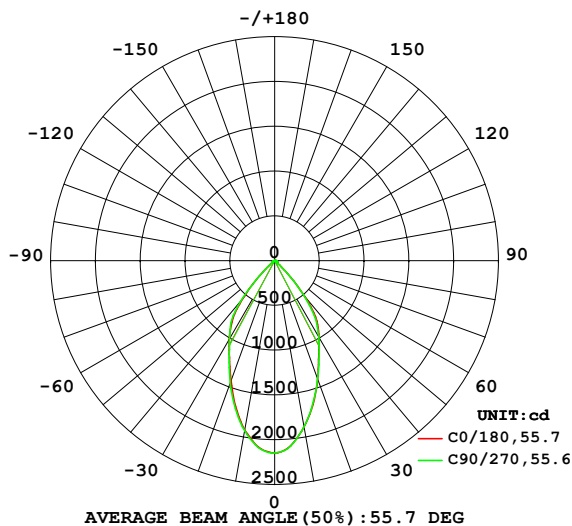


## LUMINAIRE PHOTOMETRIC TEST REPORT

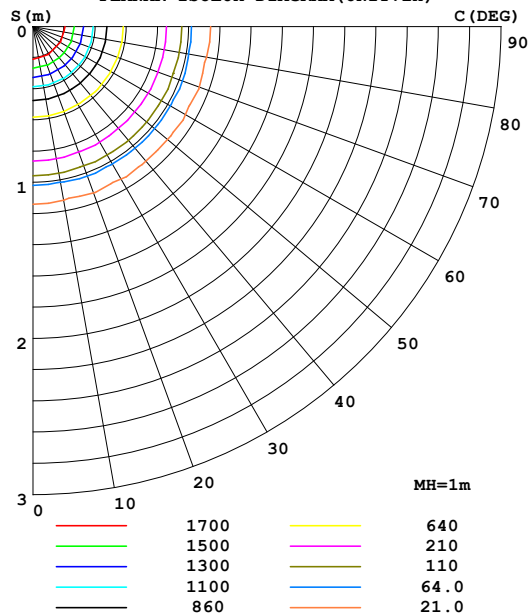
Test:U:240.4V I:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.3lx1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 109.59 lm/W
MODEL		Imax (cd)	2149	S/MH(C0/180)	0.80	
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	0.81	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1964.3	$\eta$ UP,DN(C0-180)	0.0,49.1	
NOMINAL FLUX(lm)	1964.31	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,50.9	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	240.37	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.95	

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:2024-10-18

$\gamma$  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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1888	1881	1887	1910	1924	1933	1931	1910	0- 10	193.0	193.0	9.83,9.83
20	1407	1406	1405	1424	1429	1437	1456	1433	10- 20	467.1	660.2	33.6,33.6
30	988.8	983.7	985.8	1002	1015	1015	1007	992.2	20- 30	547.0	1207	61.5,61.5
40	526.1	507.5	505.7	533.4	556.7	573.4	583.9	564.3	30- 40	501.5	1709	87,87
50	43.08	43.67	43.41	45.96	49.57	51.22	50.92	47.18	40- 50	185.5	1894	96.4,96.4
60	28.31	27.39	26.33	26.33	27.57	28.82	28.81	28.71	50- 60	30.49	1925	98,98
70	17.05	17.99	18.65	18.76	18.37	18.08	17.74	17.31	60- 70	22.94	1948	99.1,99.1
80	6.755	6.990	7.492	7.822	7.830	7.990	7.613	7.166	70- 80	13.11	1961	99.8,99.8
90	0.0853	0.0764	0.0897	0.0722	0.0776	0.0770	0.0884	0.0822	80- 90	3.605	1964	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): 1847.7 lm

%lum = 94.1%

%lamp = 94.1%

Conical surface Flux(120deg): 1924.7 lm

%lum = 98.0%

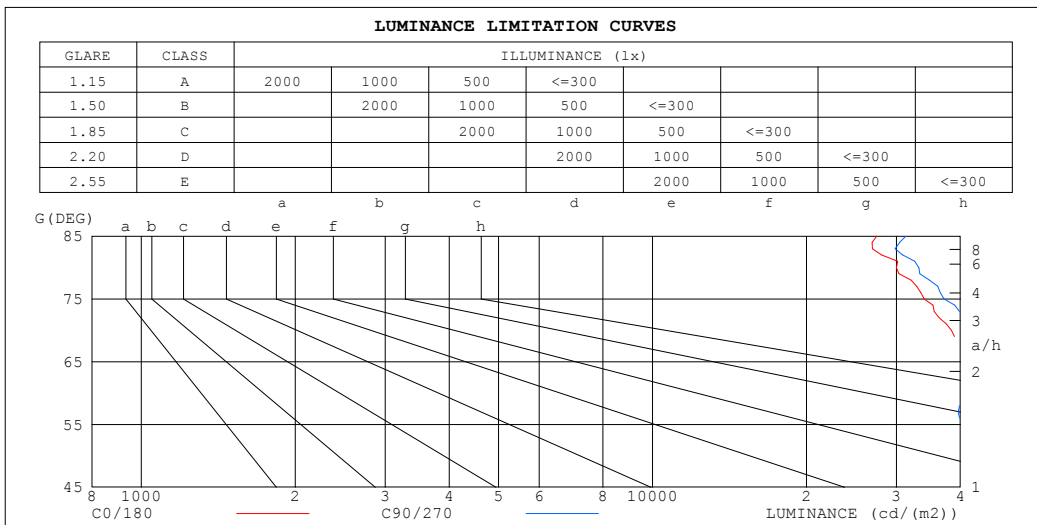
%lamp = 98.0%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-10-18

$\gamma$  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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz			Lamp Flux:1964.31x1 lm		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863					
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D 18WTYPE:			WEIGHT:		
SPEC.:			DIM.:		
MFR.: Norming lighting			SUR.: 41mm		
			Shielding Angle:		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	27441	31269
80	30001	33175
75	34034	37207
70	38449	41937
65	41795	42444
60	43673	40484
55	44991	40414
50	51682	51926
45	221068	219787

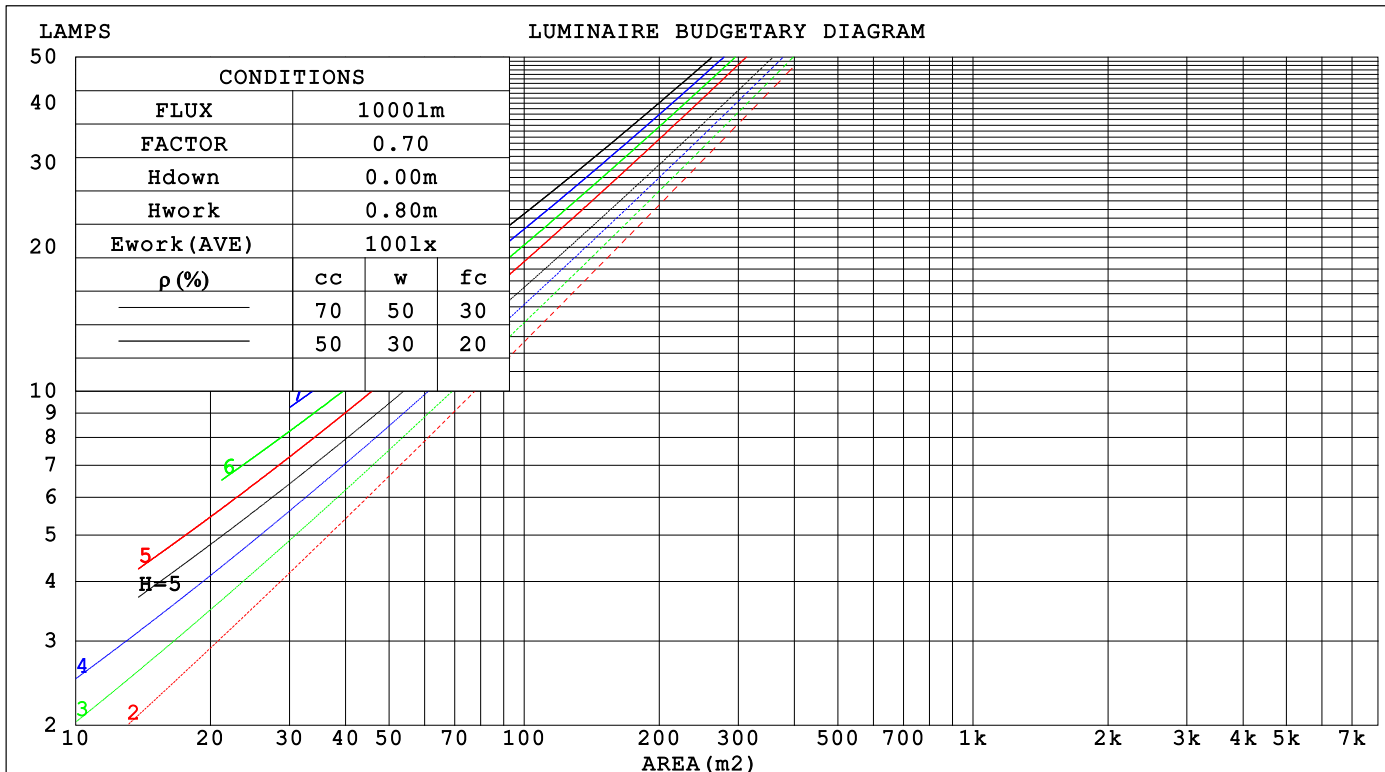
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

$\gamma$  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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.31x1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.95	.94	.92
2.0	1.02	.97	.94	.90	.96	.93	.97	.93	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.88	.84	.81	.85	.82	.80	.78
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.81	.75	.70	.80	.75	.70	.79	.73	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.76	.69	.65	.75	.69	.65	.74	.68	.64	.72	.67	.64	.71	.67	.63	.62
7.0	.71	.65	.60	.70	.64	.60	.69	.64	.60	.68	.63	.59	.67	.62	.59	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.64	.59	.55	.63	.58	.55	.54
9.0	.63	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.51	.50
10.0	.59	.53	.49	.58	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.47



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz			UTHDi:0.17% ITHDi:17.57% KDisp:0.9863			Lamp Flux:1964.31x1 lm		
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D			18WTYPE:			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	.192	.109	.035	.185	.106	.034	.172	.099	.032	.161	.093	.030	.150	.087	.028		
2.0	.184	.101	.031	.178	.098	.030	.168	.093	.029	.158	.089	.028	.149	.084	.027		
3.0	.175	.093	.028	.170	.091	.027	.161	.087	.027	.153	.084	.026	.145	.080	.025		
4.0	.167	.087	.025	.163	.085	.025	.155	.082	.024	.147	.079	.024	.140	.076	.023		
5.0	.159	.081	.023	.155	.080	.023	.148	.077	.023	.141	.075	.022	.135	.072	.022		
6.0	.151	.076	.022	.148	.075	.022	.142	.073	.021	.136	.071	.021	.131	.069	.020		
7.0	.144	.071	.020	.141	.070	.020	.136	.069	.020	.131	.067	.019	.126	.065	.019		
8.0	.138	.067	.019	.135	.067	.019	.130	.065	.019	.126	.064	.018	.121	.062	.018		
9.0	.132	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.017	.117	.059	.017		
10.0	.126	.060	.017	.124	.060	.017	.120	.059	.017	.116	.058	.016	.113	.057	.016		

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016		
2.0	.158	.132	.111	.135	.114	.096	.093	.079	.067	.053	.046	.039	.017	.015	.013		
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010		
4.0	.137	.099	.071	.117	.086	.061	.081	.060	.043	.047	.035	.026	.015	.011	.008		
5.0	.128	.088	.058	.110	.076	.050	.076	.053	.036	.044	.031	.021	.014	.010	.007		
6.0	.121	.079	.048	.104	.068	.042	.072	.048	.030	.042	.028	.018	.013	.009	.006		
7.0	.115	.071	.041	.099	.062	.035	.068	.043	.025	.040	.025	.015	.013	.008	.005		
8.0	.109	.065	.035	.094	.056	.030	.065	.040	.022	.038	.023	.013	.012	.008	.004		
9.0	.104	.060	.030	.090	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004		
10.0	.099	.056	.026	.086	.048	.023	.059	.034	.016	.035	.020	.010	.011	.007	.003		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz											
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863						Lamp Flux:1964.31x1 lm					
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D 18W						TYPE:		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	2H	27.8	28.8	28.0	29.0	29.1	27.6	28.7	27.9	28.8	29.0
	3H	27.7	28.6	28.0	28.9	29.1	27.6	28.6	27.9	28.8	29.0
	4H	27.7	28.6	28.0	28.8	29.0	27.6	28.5	27.9	28.7	28.9
	6H	27.6	28.5	27.9	28.7	29.0	27.6	28.4	27.9	28.7	28.9
	8H	27.6	28.4	27.9	28.7	28.9	27.6	28.4	27.9	28.6	28.9
	12H	27.6	28.4	27.9	28.6	28.9	27.5	28.3	27.9	28.6	28.8
4H	2H	27.5	28.4	27.8	28.7	28.9	27.4	28.3	27.7	28.6	28.8
	3H	27.6	28.3	27.9	28.6	28.9	27.5	28.2	27.8	28.5	28.8
	4H	27.6	28.3	27.9	28.6	28.9	27.5	28.2	27.8	28.5	28.8
	6H	27.6	28.2	27.9	28.5	28.9	27.5	28.1	27.9	28.5	28.8
	8H	27.5	28.1	27.9	28.5	28.8	27.5	28.1	27.9	28.4	28.8
	12H	27.5	28.0	27.9	28.4	28.8	27.5	28.0	27.9	28.4	28.8
8H	4H	27.5	28.0	27.9	28.4	28.8	27.4	28.0	27.8	28.3	28.7
	6H	27.5	28.0	27.9	28.4	28.8	27.5	27.9	27.9	28.3	28.7
	8H	27.5	27.9	28.0	28.3	28.8	27.5	27.9	27.9	28.3	28.7
	12H	27.5	27.9	28.0	28.3	28.8	27.5	27.8	28.0	28.3	28.7
12H	4H	27.4	28.0	27.9	28.3	28.7	27.4	27.9	27.8	28.3	28.7
	6H	27.5	27.9	27.9	28.3	28.7	27.4	27.8	27.9	28.3	28.7
	8H	27.5	27.8	28.0	28.3	28.7	27.4	27.8	27.9	28.2	28.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.6 / - 6.2					+ 2.5 / - 5.9				
1.5H		+ 4.9 / - 6.2					+ 4.8 / - 5.9				
2.0H		+ 5.4 / - 1.8					+ 5.3 / - 1.6				

CIE Pub.117, 1964 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.3)  
Area: 0.0013 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.31x1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

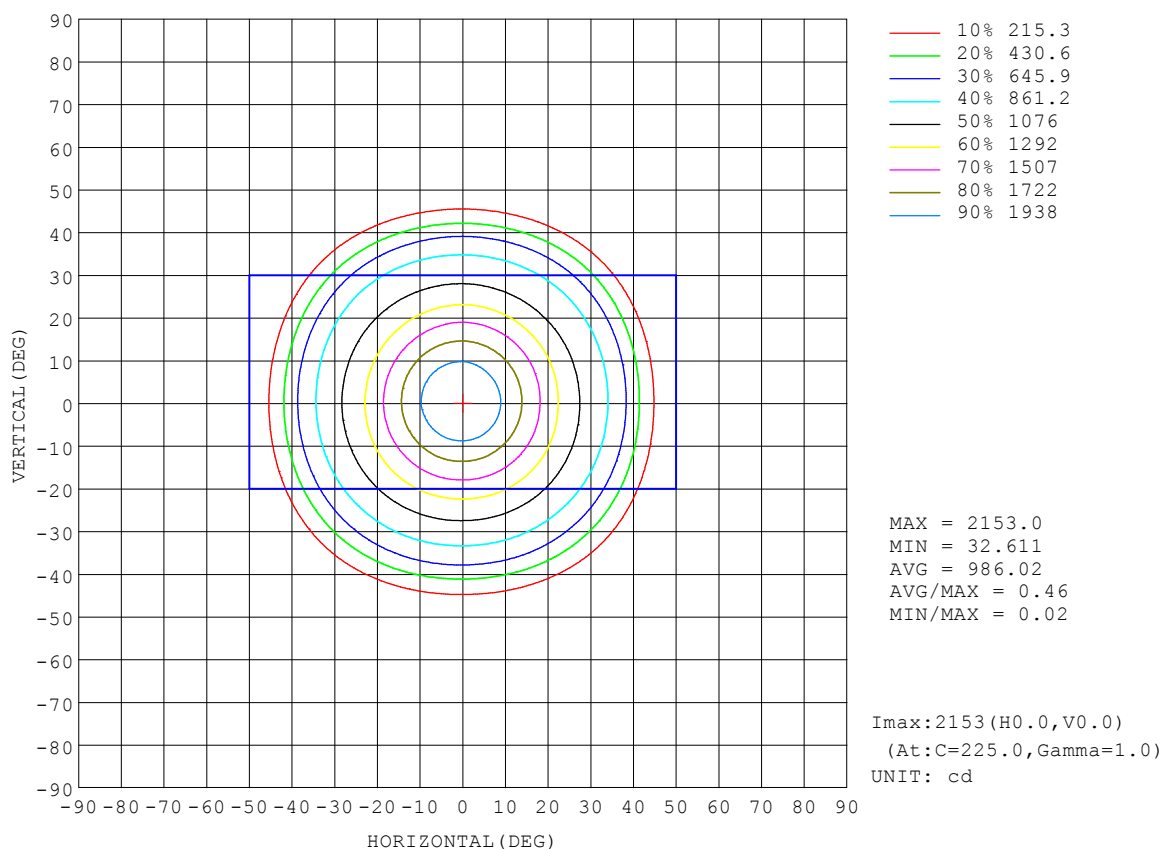
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	91	85	81	89	84	80	76
1.00	97	90	86	96	90	86	94	90	86	81
1.25	101	95	91	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	97	94	89
2.00	107	103	99	106	102	98	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	107	105	97
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:2024-10-18

$\gamma$  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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863 Lamp Flux:1964.31x1 lm		
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



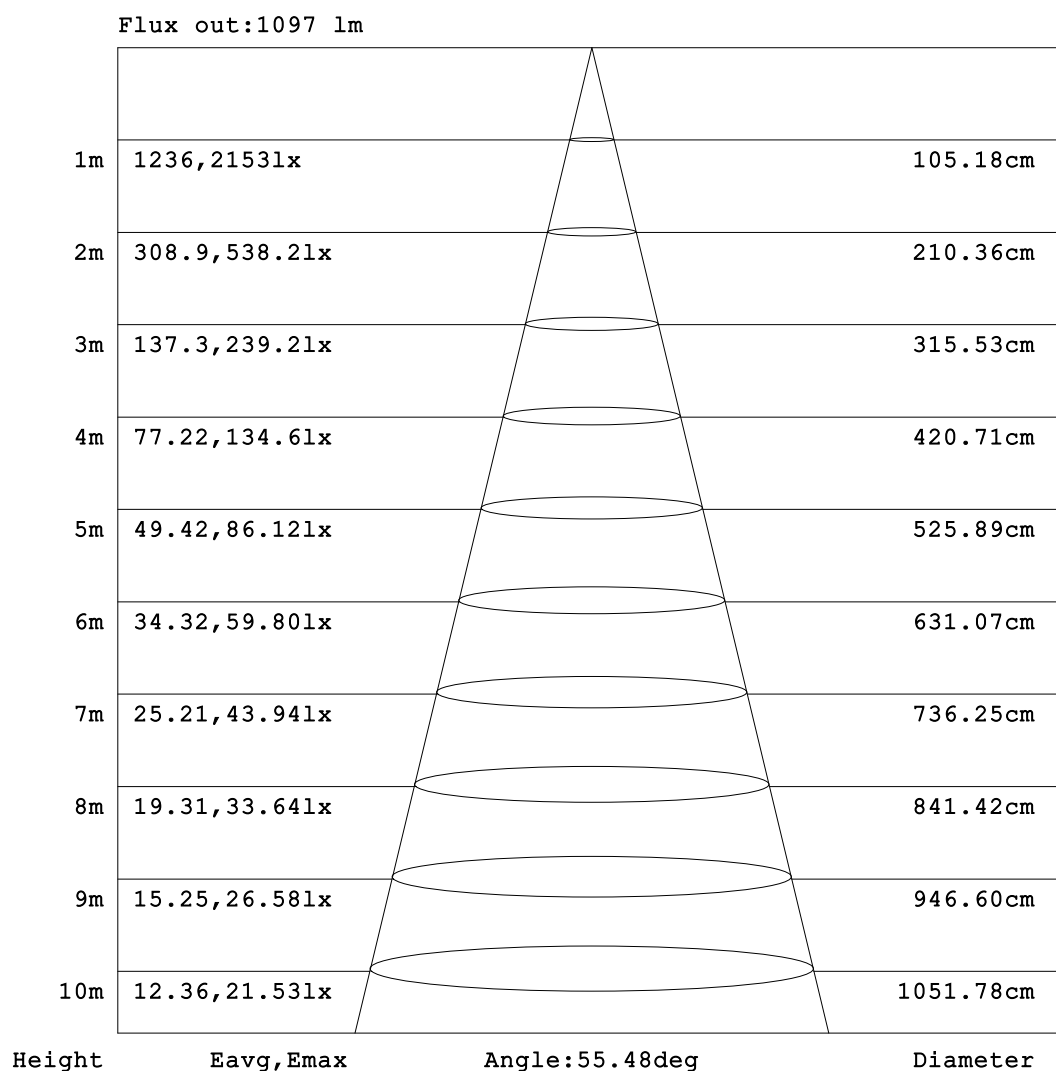
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

$\gamma$  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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.31x1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18W TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



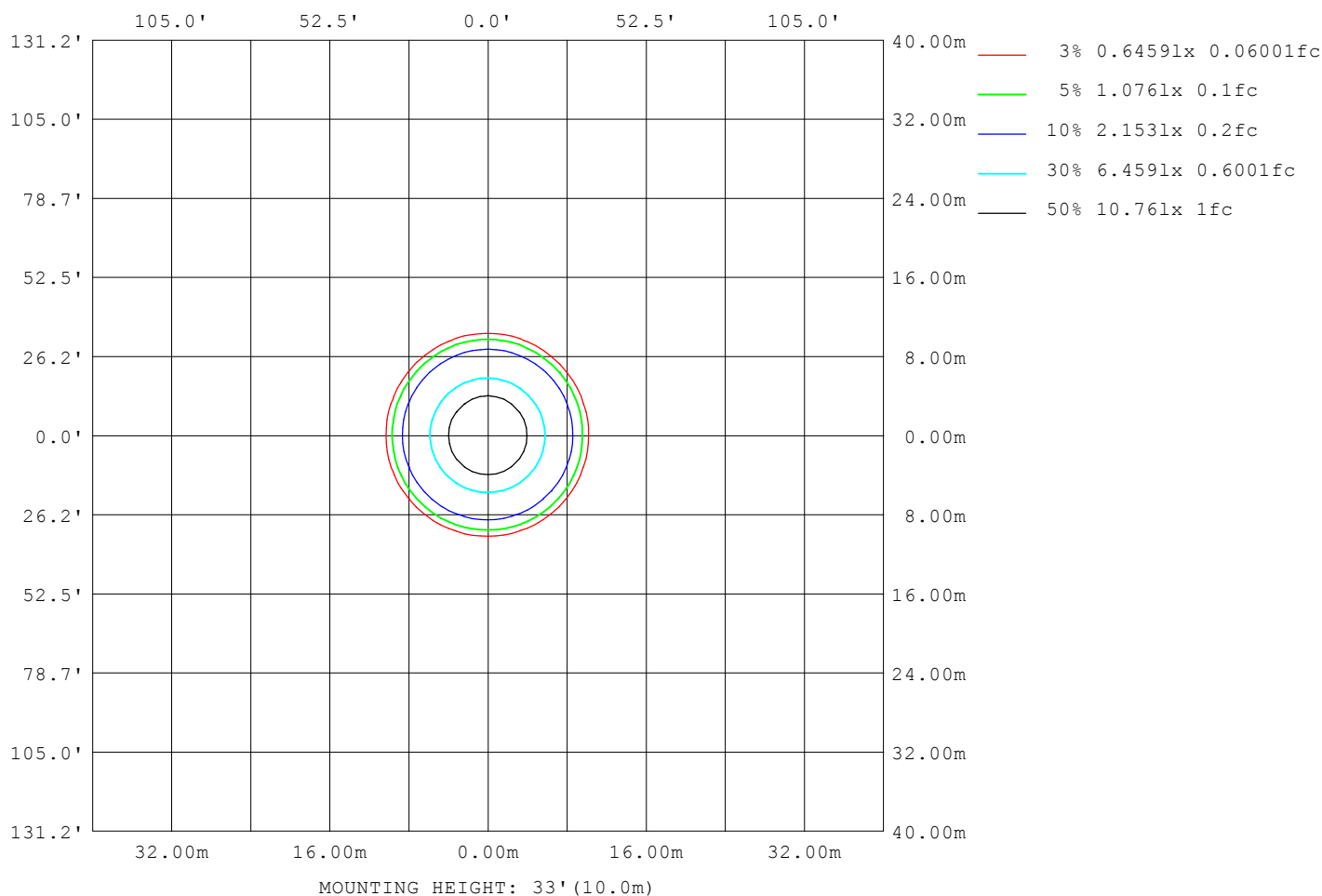
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.3lx1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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:0.0768A P:17.9W PF:0.9713 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.57% KDisp:0.9863		Lamp Flux:1964.31x1 lm
NAME: FUSION-MD23-AHD-018-COB-02SC 4000K RA90 60D	18WTYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 41mm	Shielding Angle:

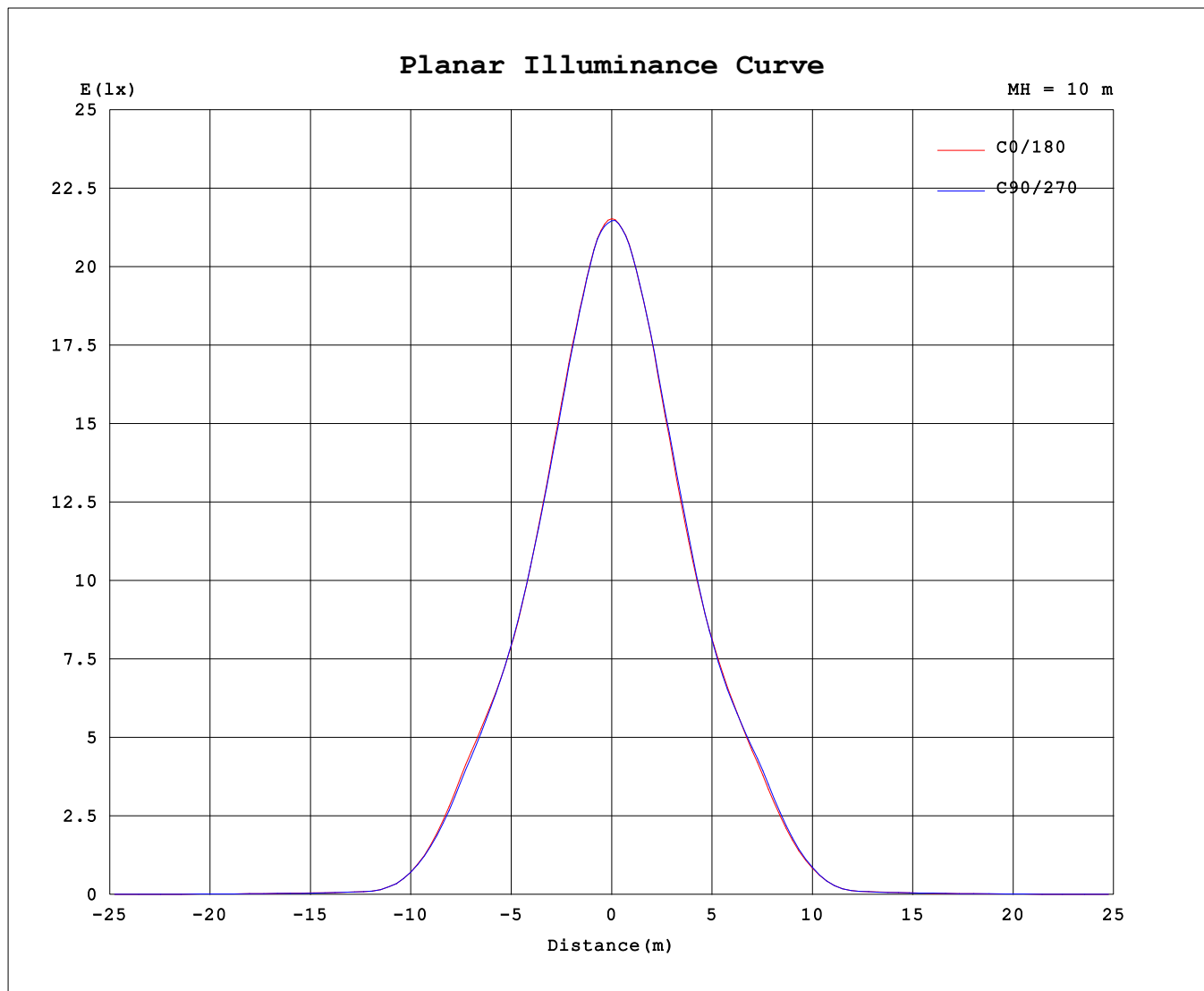
AvgL	cd/m2
L_0~180 (65) av	42388
L_0~180 (75) av	35556
L_0~180 (85) av	31543
L_90~270 (65) av	42556
L_90~270 (75) av	36850
L_90~270 (85) av	31925
L_45 (65) av	42684
L_45 (75) av	36373
L_45 (85) av	32133

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-18

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: 2024-10-18

$\gamma$  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	2147	2147	2147	2147	2147	2147	2147	2147
3.0	2120	2120	2123	2127	2125	2131	2131	2126
6.0	2042	2037	2045	2059	2062	2067	2068	2055
9.0	1928	1925	1929	1949	1959	1969	1967	1948
12.0	1803	1791	1798	1821	1836	1851	1847	1829
15.0	1662	1652	1652	1672	1686	1700	1705	1688
18.0	1509	1505	1505	1523	1531	1542	1558	1541
21.0	1357	1358	1358	1376	1380	1385	1403	1381
24.0	1211	1218	1218	1234	1239	1235	1248	1227
27.0	1088	1094	1095	1112	1120	1115	1117	1097
30.0	988.8	983.7	985.8	1002	1015	1015	1007	992.2
33.0	894.6	873.8	875.2	889.9	911.3	922.8	916.2	906.7
36.0	781.2	754.1	752.8	772.1	792.8	815.3	818.7	807.7
39.0	596.3	572.8	570.9	597.9	623.8	644.2	653.1	634.2
42.0	387.1	378.6	377.0	402.0	422.1	432.3	441.9	422.2
45.0	202.7	208.9	202.1	224.7	238.4	241.6	245.4	225.6
48.0	83.13	78.66	83.38	86.88	96.01	95.74	97.01	93.11
51.0	39.22	38.54	39.33	41.21	43.77	44.43	43.62	41.98
54.0	34.26	32.21	31.61	33.21	35.88	37.00	35.56	35.19
57.0	31.90	29.47	28.07	28.49	31.42	32.42	31.81	31.83
60.0	28.31	27.39	26.33	26.33	27.57	28.82	28.81	28.71
63.0	25.01	25.13	24.62	24.56	25.17	25.70	25.48	25.31
66.0	21.62	22.48	22.70	22.61	22.63	22.55	22.23	22.02
69.0	18.09	19.22	19.78	19.88	19.55	19.11	18.93	18.34
72.0	14.57	15.43	16.15	16.27	15.87	15.79	15.37	14.96
75.0	11.42	11.84	12.52	12.70	12.50	12.54	12.27	11.87
78.0	8.645	8.851	9.410	9.594	9.552	9.719	9.478	8.987
81.0	6.124	6.223	6.631	6.990	6.998	7.137	6.877	6.433
84.0	3.645	3.793	4.140	4.521	4.839	4.887	4.346	3.882
87.0	1.259	1.093	1.094	1.315	1.517	1.647	1.575	1.343
90.0	0.0853	0.0764	0.0897	0.0722	0.0776	0.0770	0.0884	0.0822

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
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Operators:DAMIN  
Test Date:2024-10-18

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: