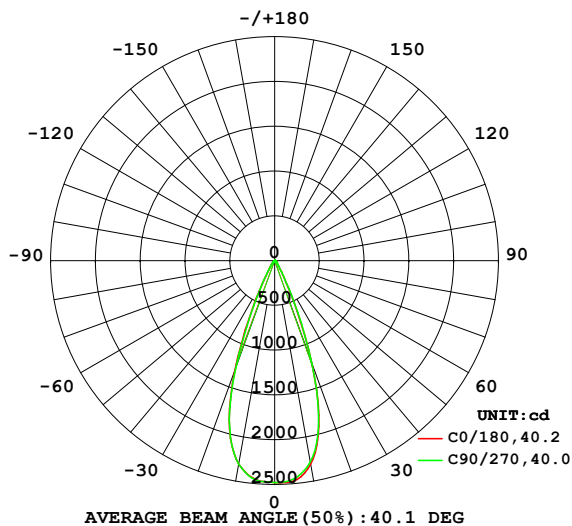


## LUMINAIRE PHOTOMETRIC TEST REPORT

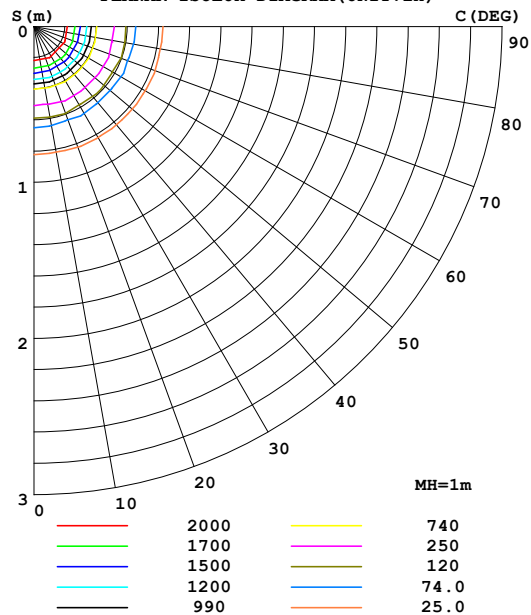
Test:U:240.4V I:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 85.17 lm/W
MODEL		I <sub>max</sub> (cd)	2480	S/MH(C0/180)	0.61	
NOMINAL POWER(W)	13	LOR(%)	100.0	S/MH(C90/270)	0.60	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1119.7	η UP,DN(C0-180)	0.0,49.5	
NOMINAL FLUX(lm)	1119.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.5	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	240.37	η down (%)	100.0	CIBSE SHR MAX	0.60	

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:2024-07-02

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	2308	2313	2283	2307	2307	2317	2307	2306	0- 10	229.7	229.7	20.5,20.5
20	1207	1226	1216	1278	1303	1311	1272	1216	10- 20	515.8	745.5	66.6,66.6
30	184.8	191.2	193.8	210.6	212.7	213.6	205.4	189.1	20- 30	267.8	1013	90.5,90.5
40	49.31	50.65	51.16	53.17	51.92	53.94	53.87	52.86	30- 40	62.11	1075	96,96
50	19.05	19.70	19.19	20.56	19.83	20.69	20.55	20.46	40- 50	25.31	1101	98.3,98.3
60	6.861	7.203	7.245	7.546	7.477	7.608	7.413	7.134	50- 60	11.25	1112	99.3,99.3
70	3.191	3.328	3.344	3.393	3.459	3.536	3.451	3.228	60- 70	5.082	1117	99.8,99.8
80	1.058	1.093	1.096	1.118	1.173	1.178	1.147	1.049	70- 80	2.231	1119	100,100
90	0.0269	0.0160	0.0335	0.0171	0.0157	0.0154	0.0219	0.0142	80- 90	0.4803	1120	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): 1090.4 lm

%lum = 97.4%

%lamp = 97.4%

Conical surface Flux(120deg): 1111.9 lm

%lum = 99.3%

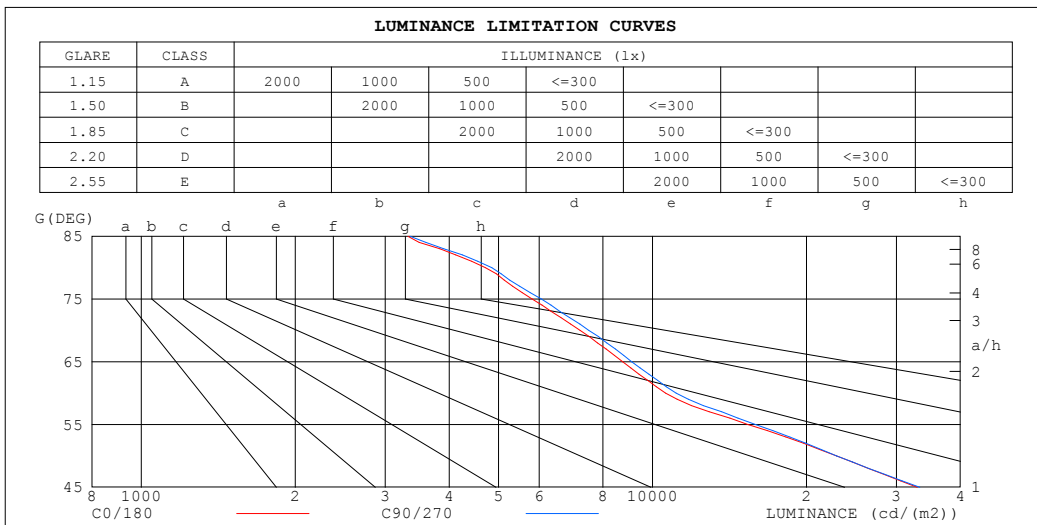
%lamp = 99.3%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-07-02

$\gamma$  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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3324	3356
80	4710	4847
75	5811	6063
70	7215	7507
65	8741	9108
60	10609	11124
55	15367	15909
50	22914	22923
45	32936	33343

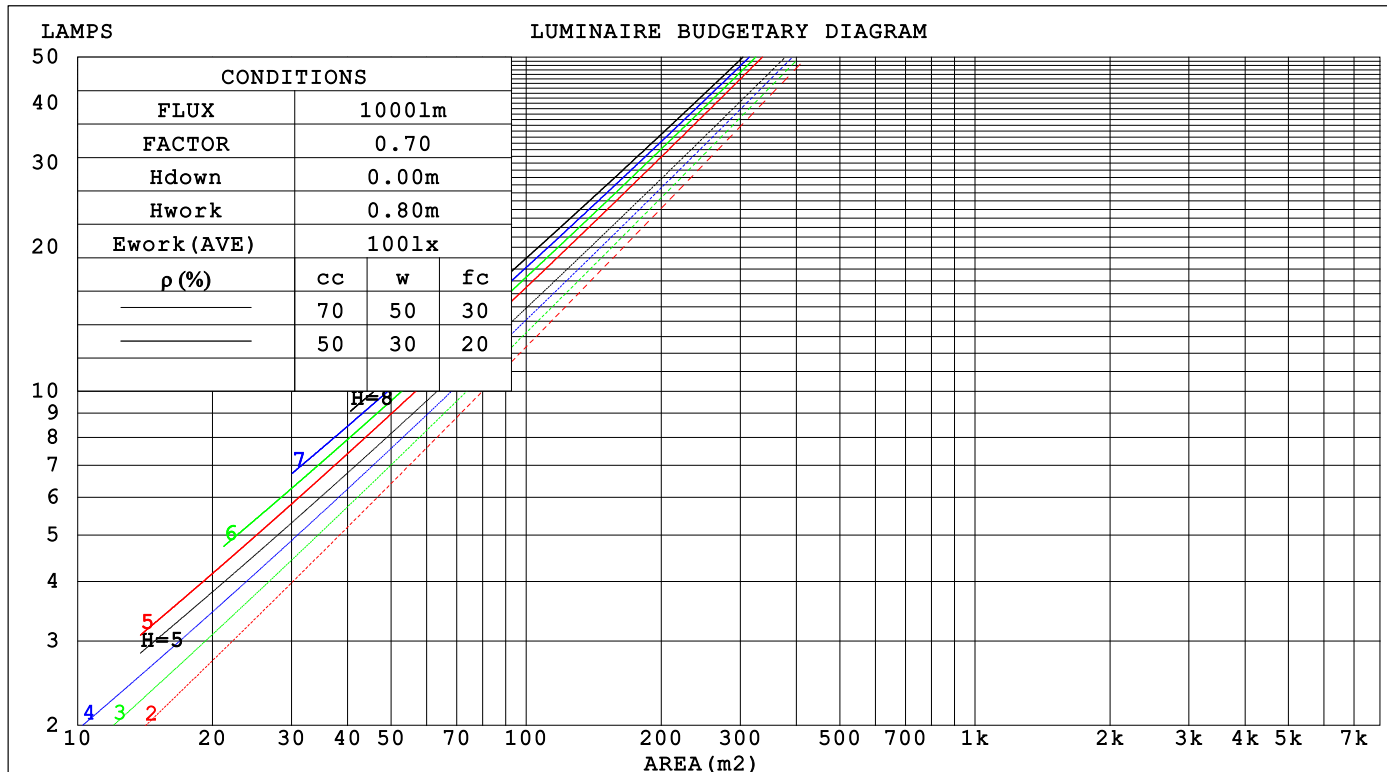
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

$\gamma$  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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700		
Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95														
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91														
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.86														
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83														
5.0	.91	.86	.83	.90	.86	.82	.88	.84	.82	.87	.83	.81	.85	.82	.80	.79														
6.0	.87	.82	.79	.86	.82	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.76														
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72														
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.77	.73	.71	.70														
9.0	.77	.72	.69	.76	.72	.69	.75	.71	.68	.75	.71	.68	.74	.70	.68	.67														
10.0	.74	.69	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.64														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz			UTHDi:0.17% ITHDi:17.98% KDisp:0.9700			Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D			TYPE:			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	.154	.088	.028	.148	.084	.027	.135	.078	.025	.124	.071	.023	.113	.066	.021		
2.0	.145	.079	.024	.139	.077	.024	.129	.072	.022	.119	.067	.021	.111	.063	.020		
3.0	.136	.073	.022	.132	.070	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018		
4.0	.129	.067	.020	.125	.065	.019	.117	.062	.019	.110	.059	.018	.104	.056	.017		
5.0	.122	.062	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	.100	.054	.016		
6.0	.116	.058	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015		
7.0	.110	.055	.015	.108	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014		
8.0	.105	.052	.014	.103	.051	.014	.099	.049	.014	.095	.048	.014	.091	.047	.014		
9.0	.101	.049	.014	.099	.048	.014	.095	.047	.013	.092	.046	.013	.088	.045	.013		
10.0	.097	.046	.013	.095	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.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	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006		
7.0	.102	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.006		
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005		
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.012	.010	.007	.004		
10.0	.086	.052	.030	.074	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz												
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700						Lamp Flux:1119.7x1 lm						
NAME: MD10-13-XX-04 3000K RA90 36D						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		15.9	16.7	16.2	16.9	17.0	16.1	16.8	16.3	17.0	17.1	
		3H	16.0	16.8	16.3	16.9	17.1	16.2	16.9	16.4	17.1	17.3
		4H	16.1	16.7	16.3	17.0	17.2	16.2	16.9	16.5	17.1	17.3
		6H	16.1	16.7	16.3	16.9	17.2	16.2	16.8	16.5	17.1	17.3
		8H	16.0	16.6	16.3	16.9	17.1	16.2	16.8	16.5	17.0	17.3
		12H	16.0	16.6	16.3	16.8	17.1	16.1	16.7	16.4	17.0	17.2
4H 2H		15.9	16.6	16.2	16.8	17.0	16.0	16.7	16.3	16.9	17.1	
		3H	16.1	16.7	16.4	16.9	17.2	16.2	16.8	16.5	17.0	17.3
		4H	16.1	16.7	16.5	17.0	17.3	16.2	16.8	16.6	17.1	17.4
		6H	16.1	16.6	16.5	16.9	17.3	16.3	16.7	16.6	17.1	17.4
		8H	16.1	16.6	16.5	16.9	17.3	16.2	16.7	16.6	17.0	17.4
		12H	16.1	16.5	16.5	16.9	17.3	16.2	16.6	16.6	17.0	17.4
8H 4H		16.1	16.5	16.4	16.9	17.2	16.2	16.6	16.6	17.0	17.3	
		6H	16.1	16.5	16.5	16.9	17.3	16.2	16.6	16.6	17.0	17.4
		8H	16.1	16.4	16.5	16.8	17.3	16.2	16.5	16.7	17.0	17.4
		12H	16.1	16.4	16.5	16.8	17.3	16.2	16.5	16.7	16.9	17.4
12H 4H		16.0	16.4	16.4	16.8	17.2	16.1	16.5	16.5	16.9	17.3	
		6H	16.1	16.4	16.5	16.8	17.2	16.2	16.5	16.6	16.9	17.4
		8H	16.1	16.3	16.5	16.8	17.3	16.2	16.5	16.7	16.9	17.4
Variations with the observer position at spacings(CIE Pub.117):												
S = 1.0H		+ 1.7 / - 2.7					+ 1.8 / - 2.7					
1.5H		+ 2.7 / - 2.1					+ 2.8 / - 2.2					
2.0H		+ 2.9 / - 2.2					+ 2.9 / - 2.2					

CIE Pub.117, 1120 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.4$ )  
Area: 0.0013 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

$\gamma$  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:

### UTILIZATION FACTORS TABLE

Test:U:240.4V I:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

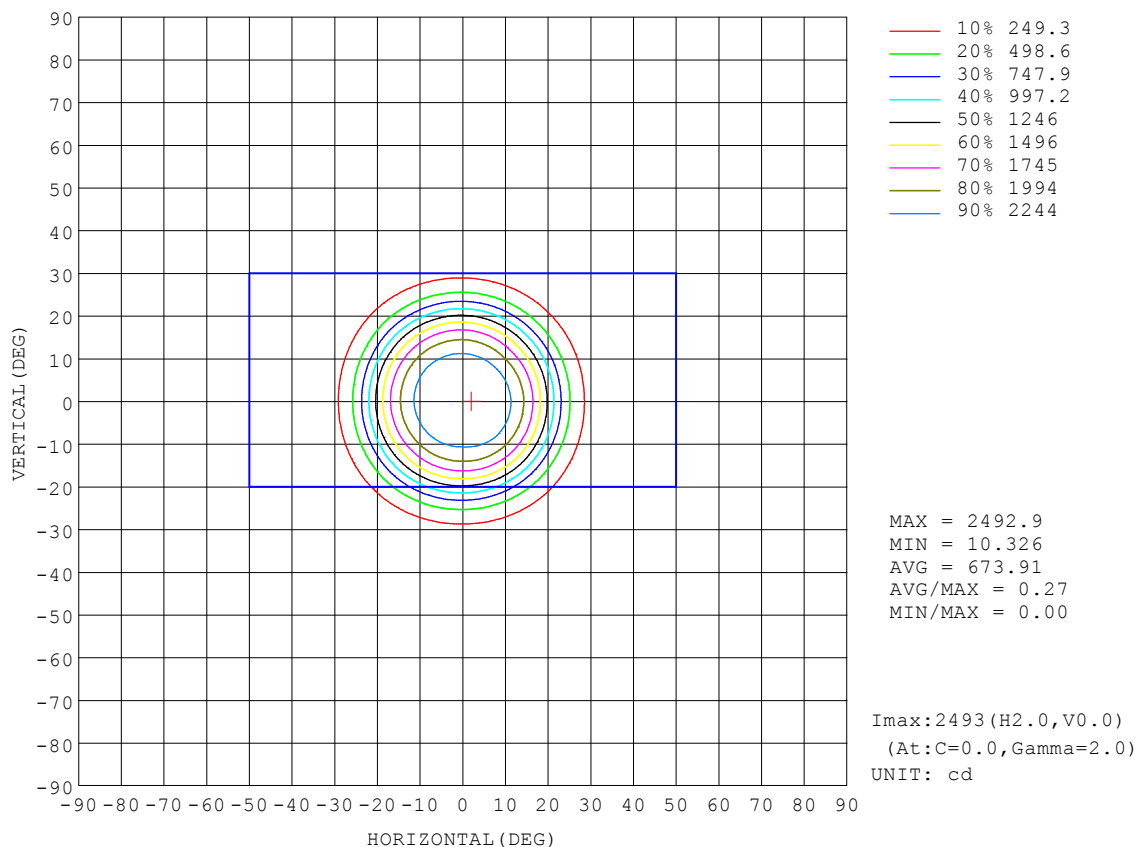
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	91
1.50	107	102	99	106	101	99	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	104	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	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: 2024-07-02

$\gamma$  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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



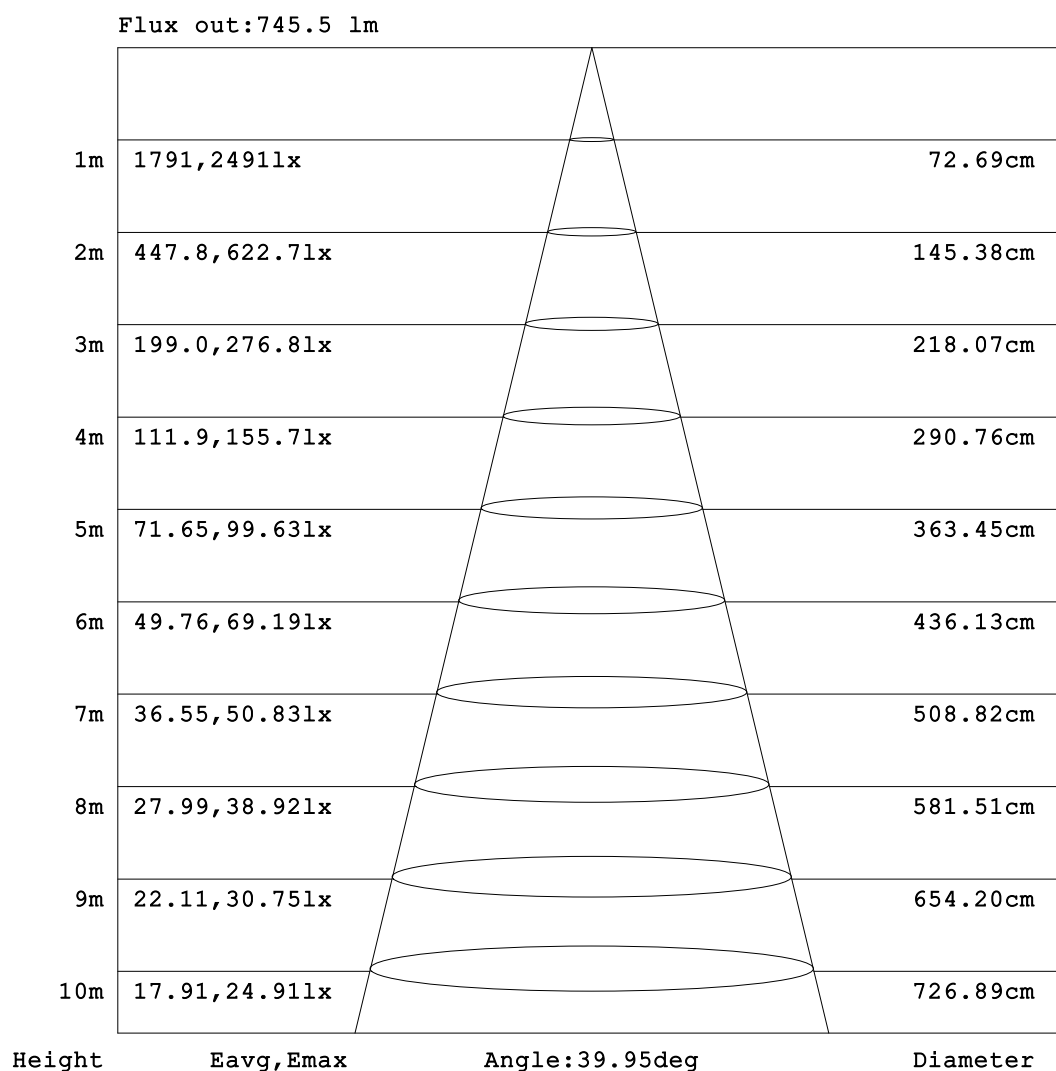
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

$\gamma$  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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



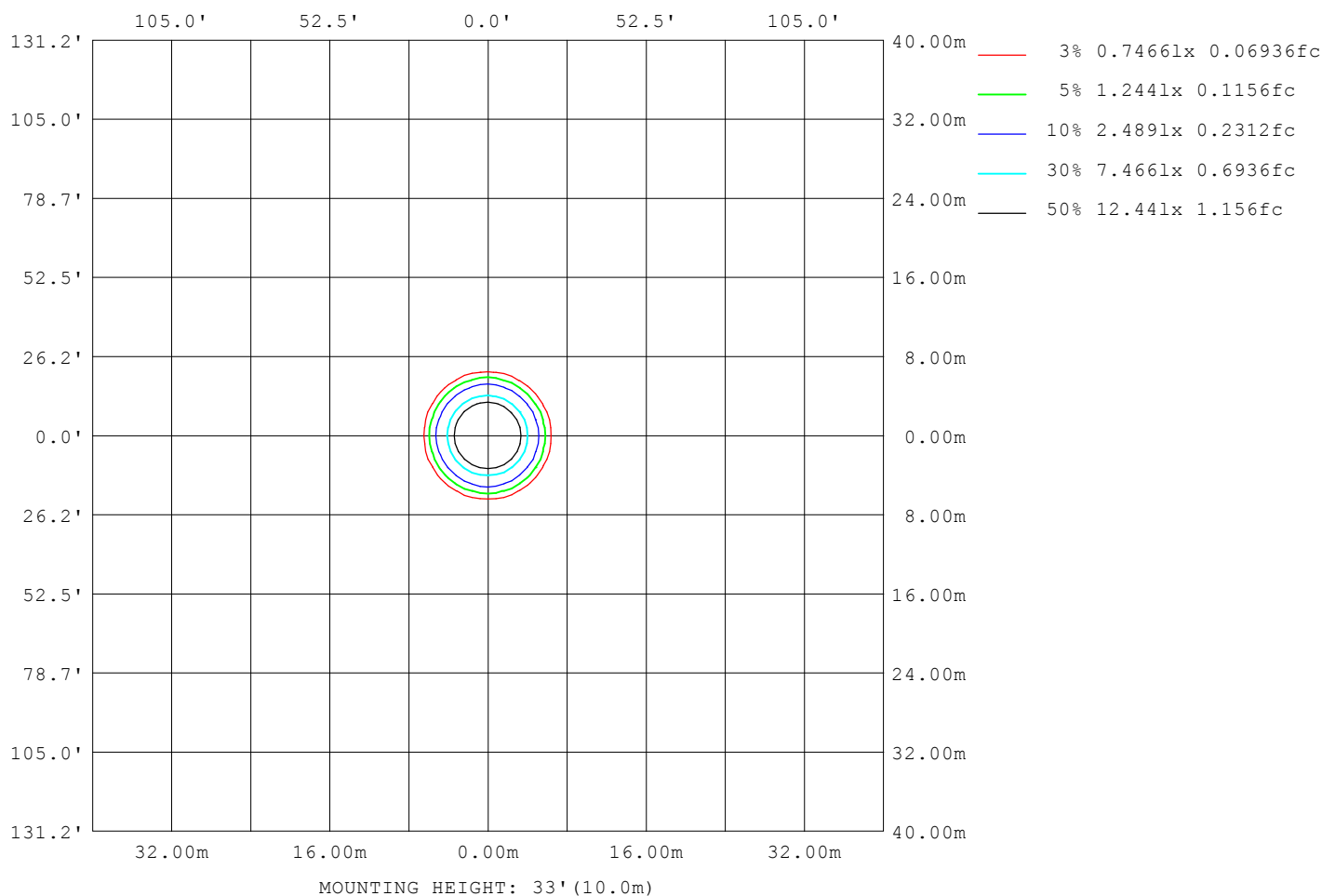
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-07-02

$\gamma$  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:

ISOLUX DIAGRAM

Test:U:240.4V I:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700		Lamp Flux:1119.7x1 lm
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	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:2024-07-02

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:0.0573A P:13.1W PF:0.9543 Freq:49.99Hz		
UTHDi:0.17% ITHDi:17.98% KDisp:0.9700 Lamp Flux:1119.7x1 lm		
NAME: MD10-13-XX-04 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

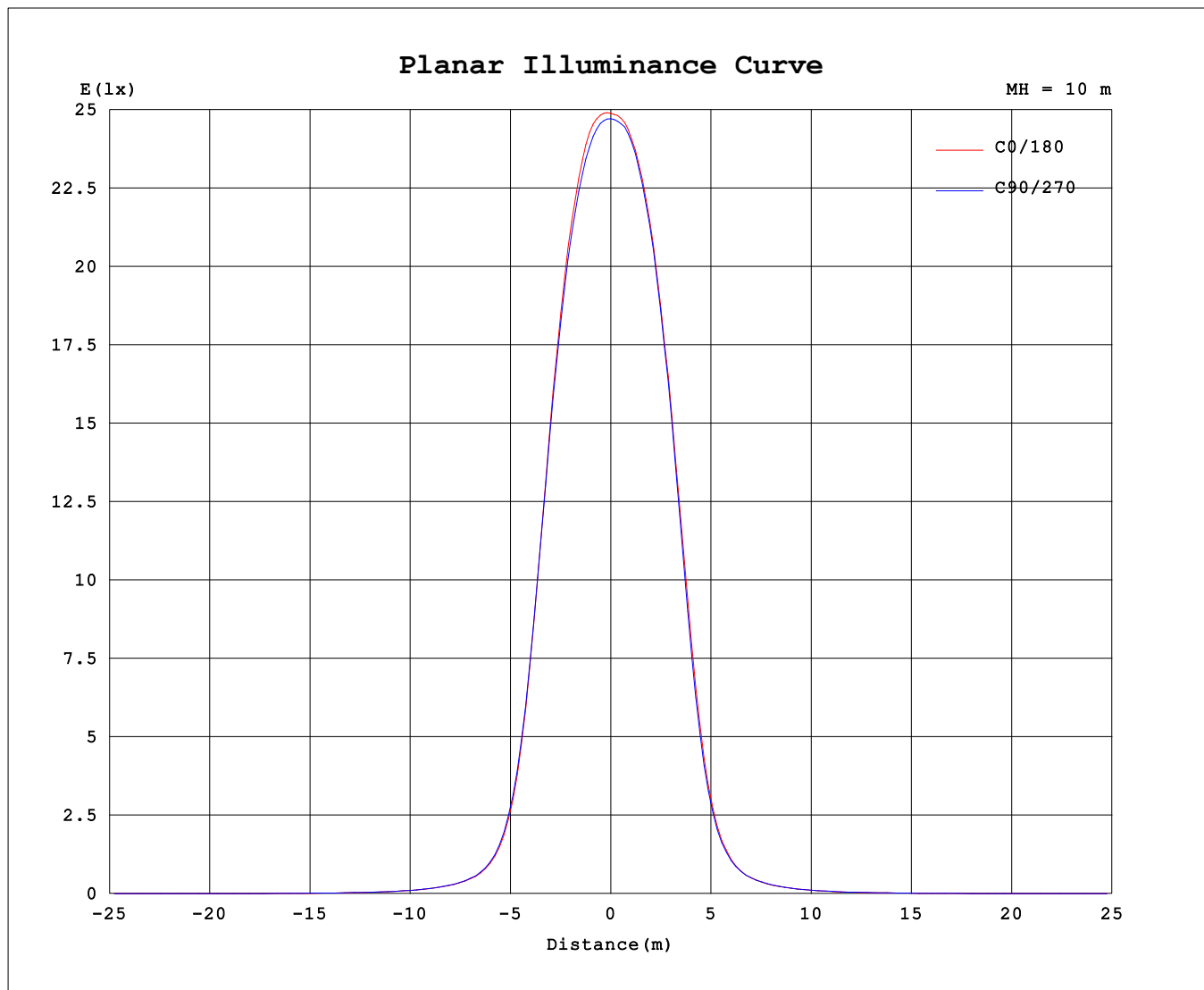
AvgL	cd/m2
L_0~180 (65) av	9048
L_0~180 (75) av	6054
L_0~180 (85) av	3606
L_90~270 (65) av	9254
L_90~270 (75) av	6177
L_90~270 (85) av	3490
L_45 (65) av	9225
L_45 (75) av	6109
L_45 (85) av	3414

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-07-02

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: 2024-07-02

$\gamma$  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	2476	2476	2476	2476	2476	2476	2476	2476
3.0	2480	2478	2471	2467	2470	2467	2470	2474
6.0	2456	2439	2427	2428	2433	2433	2440	2443
9.0	2356	2354	2330	2346	2349	2354	2350	2352
12.0	2187	2194	2166	2192	2197	2208	2198	2184
15.0	1912	1916	1898	1923	1946	1961	1942	1902
18.0	1519	1535	1517	1565	1594	1607	1579	1518
21.0	1048	1068	1061	1127	1148	1151	1108	1057
24.0	619.4	639.5	642.1	689.9	701.3	704.3	670.0	629.9
27.0	334.9	350.0	354.9	380.4	382.4	391.0	366.6	343.6
30.0	184.8	191.2	193.8	210.6	212.7	213.6	205.4	189.1
33.0	111.4	114.8	116.3	121.4	122.0	125.8	121.6	115.9
36.0	75.75	77.74	79.30	81.69	80.57	83.86	82.72	80.42
39.0	54.72	56.14	56.87	58.97	57.76	59.94	59.81	58.58
42.0	40.28	41.46	41.59	43.30	42.15	43.97	43.89	43.34
45.0	30.12	31.03	30.71	32.21	31.33	32.75	32.69	32.49
48.0	22.87	23.56	23.05	24.39	23.64	24.77	24.69	24.64
51.0	17.28	17.90	17.53	18.79	18.08	18.86	18.77	18.61
54.0	12.75	13.28	13.17	14.08	13.68	14.10	13.90	13.63
57.0	9.093	9.545	9.691	10.23	10.01	10.28	9.954	9.695
60.0	6.861	7.203	7.245	7.546	7.477	7.608	7.413	7.134
63.0	5.527	5.786	5.817	5.973	5.988	6.127	5.972	5.694
66.0	4.429	4.631	4.653	4.731	4.789	4.908	4.785	4.523
69.0	3.481	3.630	3.658	3.705	3.770	3.857	3.764	3.531
72.0	2.645	2.760	2.771	2.809	2.880	2.938	2.861	2.665
75.0	1.945	2.032	2.044	2.072	2.129	2.167	2.112	1.951
78.0	1.379	1.424	1.423	1.449	1.505	1.529	1.491	1.368
81.0	0.8962	0.9228	0.9267	0.9591	1.018	1.013	0.9712	0.8846
84.0	0.4727	0.4775	0.4906	0.5106	0.5745	0.5512	0.5249	0.4552
87.0	0.1647	0.1668	0.1829	0.1928	0.2406	0.2287	0.2030	0.1511
90.0	0.0269	0.0160	0.0335	0.0171	0.0157	0.0154	0.0219	0.0142

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
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Operators:DAMIN  
Test Date:2024-07-02

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: