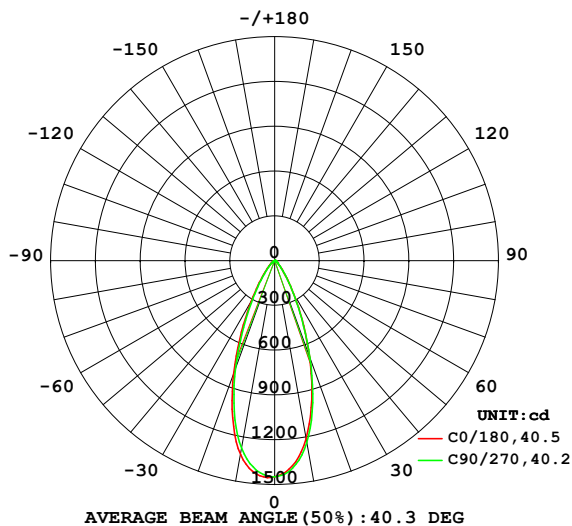


## LUMINAIRE PHOTOMETRIC TEST REPORT

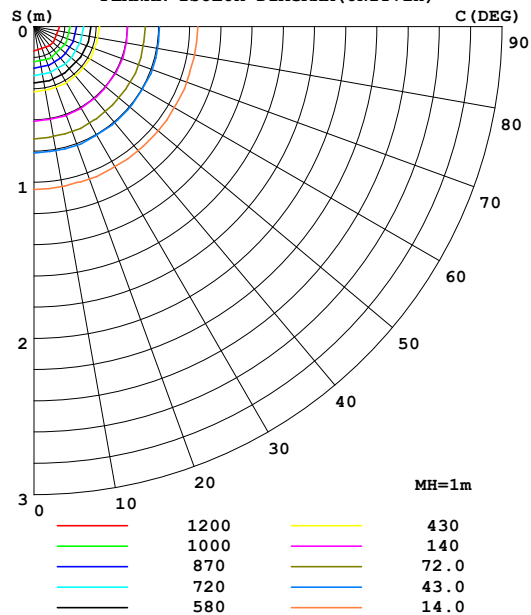
Test:U:240.4V I:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649 Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.96 lm/W
MODEL		I <sub>max</sub> (cd)	1454	S/MH (C0/180)		0.68
NOMINAL POWER(W)	13	LOR (%)	100.0	S/MH (C90/270)		0.67
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	800.93	η UP,DN (C0-180)		0.0,47.6
NOMINAL FLUX(lm)	800.932	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,52.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	240.36	η down (%)	100.0	CIBSE SHR MAX		0.65

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: 2024-03-26

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	1212	1223	1239	1277	1319	1326	1277	1230	0- 10	129.6	129.6	16.2,16.2
20	683.5	676.3	692.7	743.3	804.7	818.5	766.0	709.6	10- 20	279.4	409.0	51.1,51.1
30	255.4	246.5	250.3	274.0	315.8	324.4	292.3	266.5	20- 30	217.9	626.9	78.3,78.3
40	80.71	78.43	79.58	86.46	101.3	103.6	90.58	83.34	30- 40	101.6	728.5	91,91
50	28.37	28.44	29.66	31.07	36.91	36.26	31.85	29.63	40- 50	41.42	769.9	96.1,96.1
60	10.97	11.04	11.72	12.04	14.86	14.07	12.77	11.87	50- 60	18.20	788.1	98.4,98.4
70	4.769	4.870	5.318	5.451	6.593	6.109	5.583	5.168	60- 70	8.292	796.4	99.4,99.4
80	1.573	1.584	1.768	1.963	2.334	2.155	1.953	1.736	70- 80	3.686	800.1	99.9,99.9
90	0.0183	0.0132	0.0174	0.0068	0.0106	0.0116	0.0125	0.0074	80- 90	0.8561	800.9	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): 753.54 lm

%lum = 94.1%

%lamp = 94.1%

Conical surface Flux(120deg): 788.1 lm

%lum = 98.4%

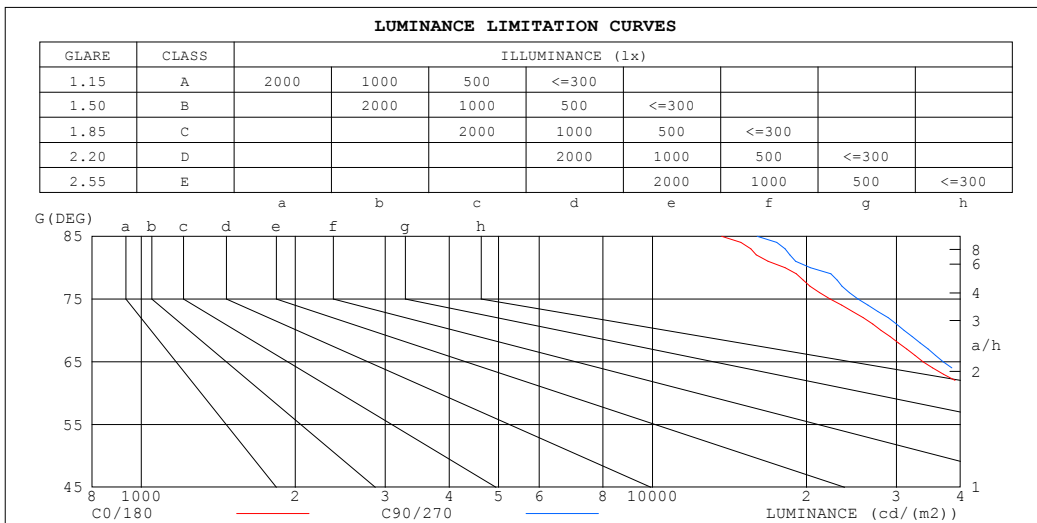
%lamp = 98.4%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-03-26

$\gamma$  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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649		Lamp Flux:800.932x1 lm
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13644	16023
80	18170	20347
75	22271	25216
70	27979	31072
65	33793	37008
60	44014	46838
55	61188	64827
50	88552	92200
45	133087	134767

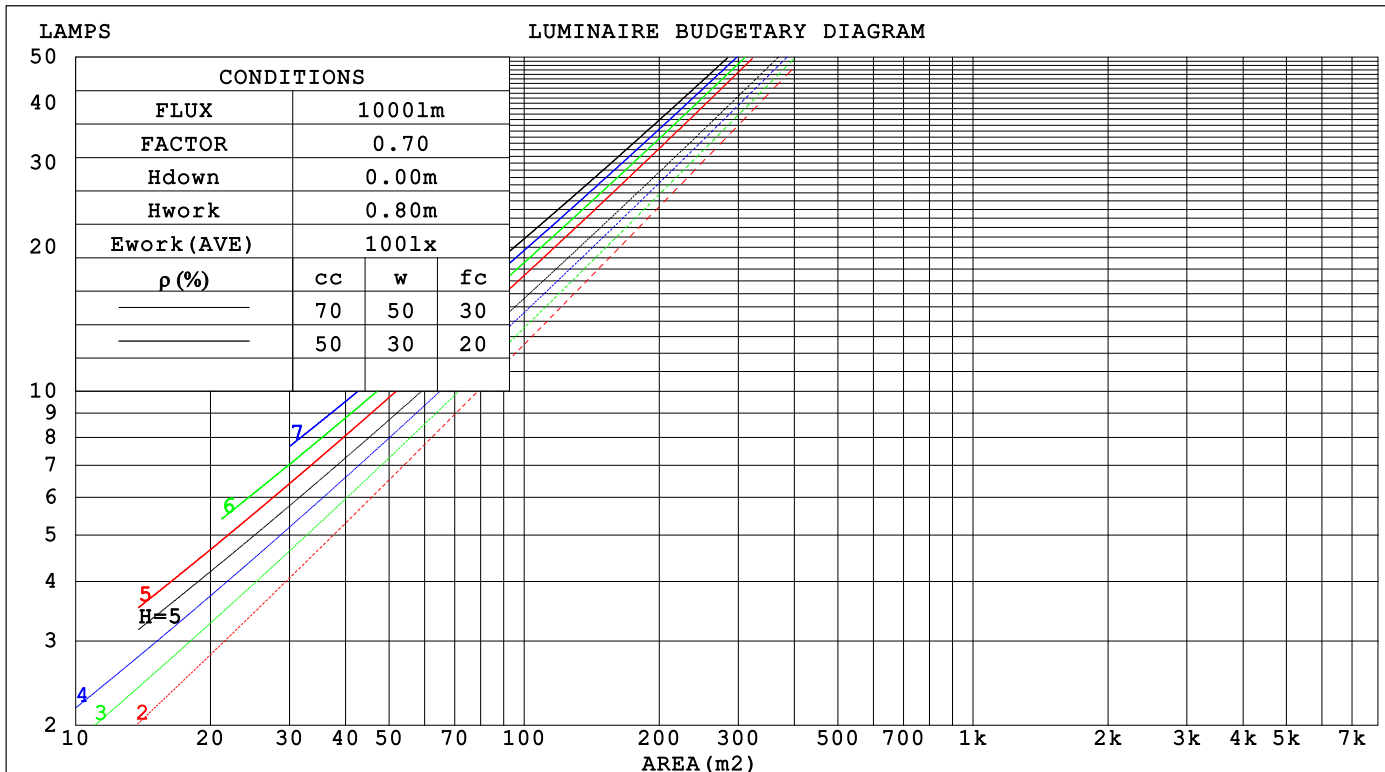
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

$\gamma$  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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649		
Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.93	.96	.94	.91	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.86	.81	.77	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.77	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.70	.67	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.61	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.98% KDisp:0.9649			Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming Lighting			SUR.: 26mm			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	.173	.098	.031	.166	.095	.030	.153	.088	.028	.142	.082	.026	.131	.076	.025		
2.0	.164	.090	.028	.158	.087	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023		
3.0	.155	.083	.025	.150	.081	.024	.141	.077	.023	.133	.073	.022	.125	.069	.021		
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020		
5.0	.139	.071	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	.117	.063	.019		
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	.113	.059	.018		
7.0	.126	.062	.018	.123	.061	.018	.118	.060	.017	.113	.058	.017	.109	.057	.017		
8.0	.120	.059	.017	.118	.058	.016	.113	.057	.016	.109	.055	.016	.105	.054	.016		
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.053	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.105	.051	.014	.101	.050	.014	.098	.049	.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	.155	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013		
3.0	.142	.114	.091	.122	.098	.078	.084	.068	.055	.048	.040	.032	.016	.013	.011		
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009		
5.0	.123	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007		
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006		
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005		
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005		
9.0	.097	.058	.032	.083	.051	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004		
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz UTHDi:0.17% ITHDi:18.98% KDisp:0.9649Lamp Flux:800.932x1 lm										
NAME: MD10-13-DW-16 3000K RA95 36D						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: Norming Lighting						SUR.: 26mm		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	23.5	24.4	23.7	24.5	24.7	23.5	24.4	23.7	24.5	24.7
3H	23.5	24.4	23.8	24.6	24.8	23.6	24.4	23.8	24.6	24.8
4H	23.6	24.3	23.8	24.5	24.8	23.6	24.4	23.9	24.6	24.8
6H	23.5	24.3	23.8	24.5	24.7	23.6	24.3	23.9	24.6	24.8
8H	23.5	24.2	23.8	24.5	24.7	23.6	24.3	23.9	24.5	24.8
12H	23.5	24.2	23.8	24.4	24.7	23.6	24.2	23.9	24.5	24.8
4H 2H	23.4	24.2	23.7	24.4	24.6	23.4	24.2	23.7	24.4	24.6
3H	23.5	24.2	23.9	24.5	24.8	23.6	24.3	23.9	24.5	24.8
4H	23.6	24.2	23.9	24.5	24.8	23.6	24.3	24.0	24.6	24.9
6H	23.6	24.1	24.0	24.5	24.8	23.7	24.2	24.1	24.6	24.9
8H	23.6	24.1	24.0	24.4	24.8	23.7	24.2	24.1	24.5	24.9
12H	23.6	24.0	24.0	24.4	24.8	23.7	24.1	24.1	24.5	24.9
8H 4H	23.5	24.0	23.9	24.4	24.7	23.6	24.1	24.0	24.4	24.8
6H	23.6	24.0	24.0	24.4	24.8	23.6	24.1	24.1	24.4	24.9
8H	23.6	23.9	24.0	24.3	24.8	23.7	24.0	24.1	24.4	24.9
12H	23.5	23.9	24.0	24.3	24.8	23.7	24.0	24.1	24.4	24.9
12H 4H	23.5	23.9	23.9	24.3	24.7	23.5	24.0	23.9	24.4	24.8
6H	23.5	23.9	24.0	24.3	24.7	23.6	24.0	24.1	24.4	24.8
8H	23.5	23.8	24.0	24.3	24.7	23.6	23.9	24.1	24.4	24.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.0 / - 2.9					+ 1.8 / - 2.7				
1.5H	+ 3.1 / - 2.3					+ 2.9 / - 2.2				
2.0H	+ 3.1 / - 2.3					+ 3.0 / - 2.3				

CIE Pub.117, 800.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.8)  
Area: 0.0005 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649 Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

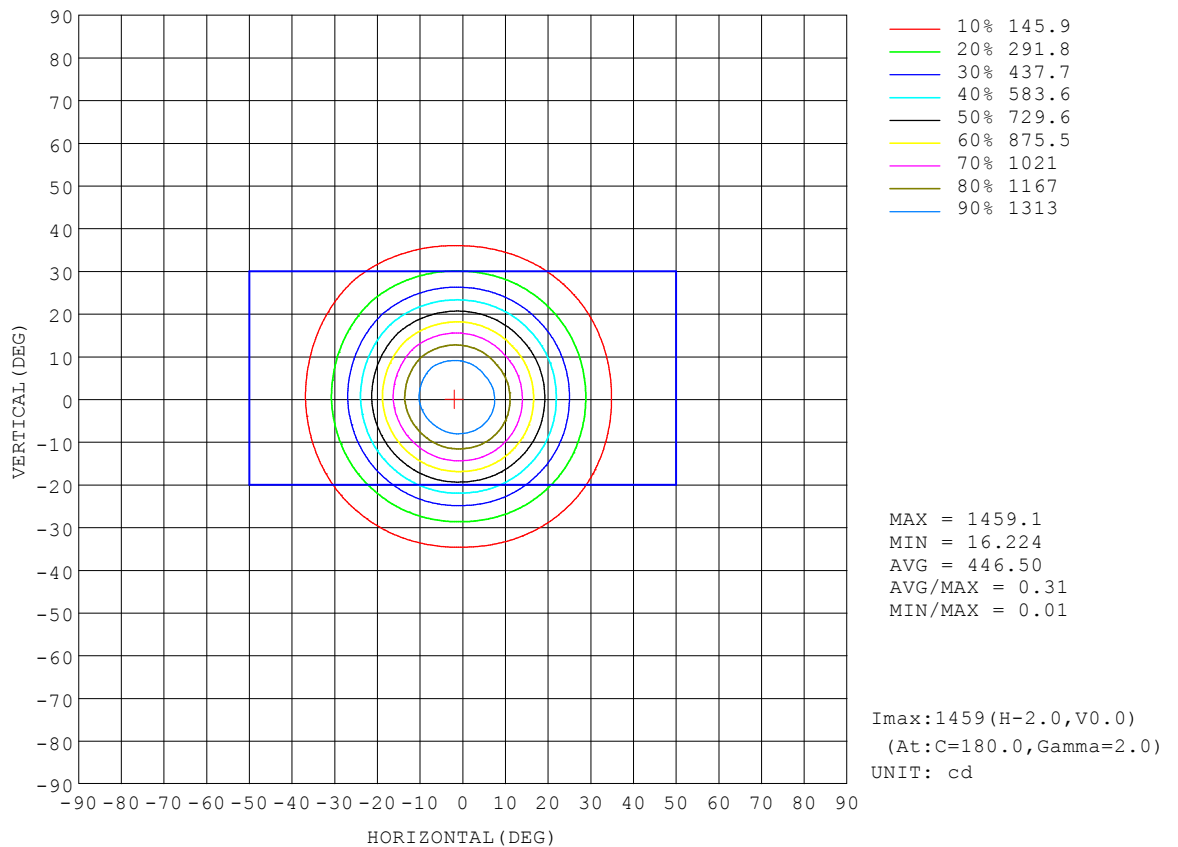
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	93	87	83	93	87	83	92	86	83	79
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	91
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	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: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-03-26

$\gamma$  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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649 Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



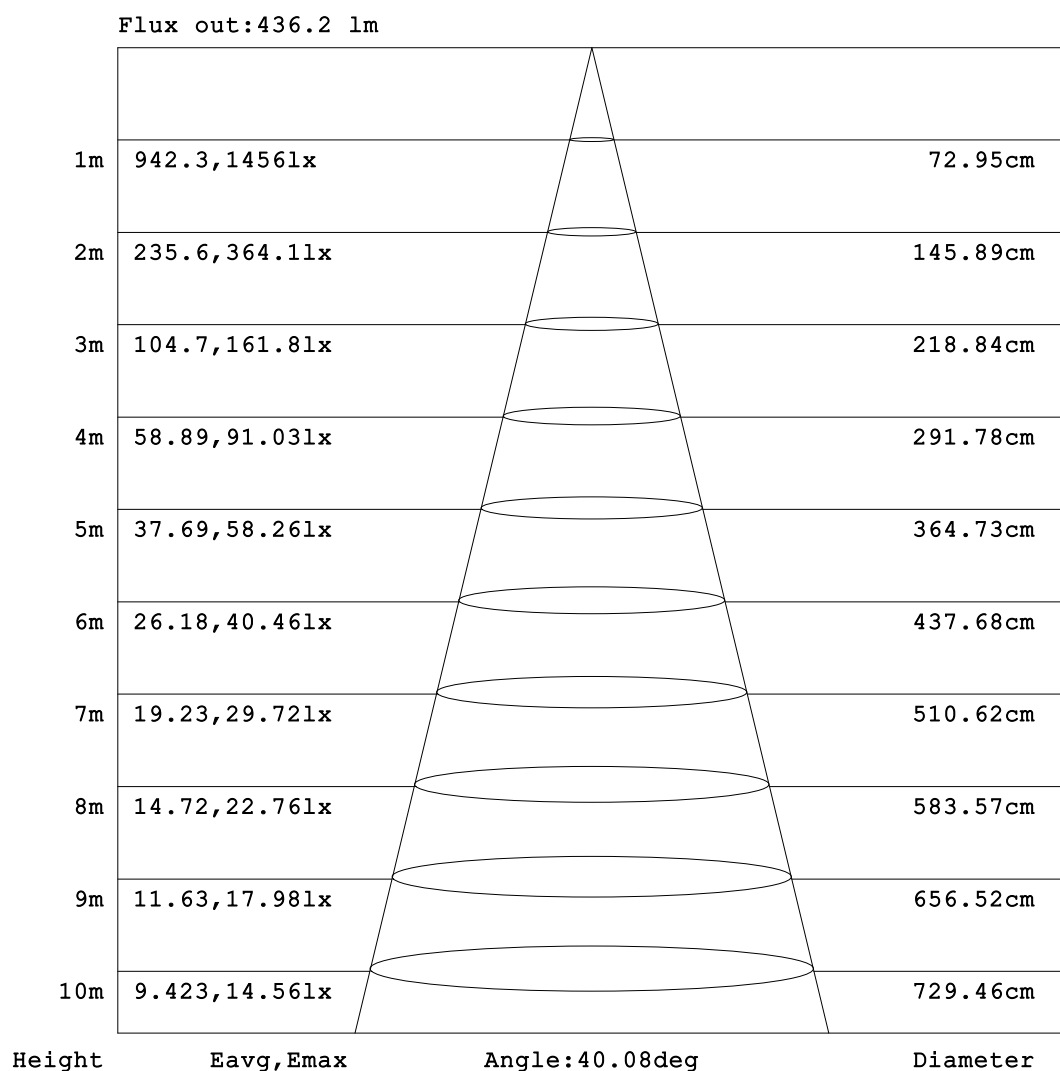
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649		Lamp Flux:800.932x1 lm
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



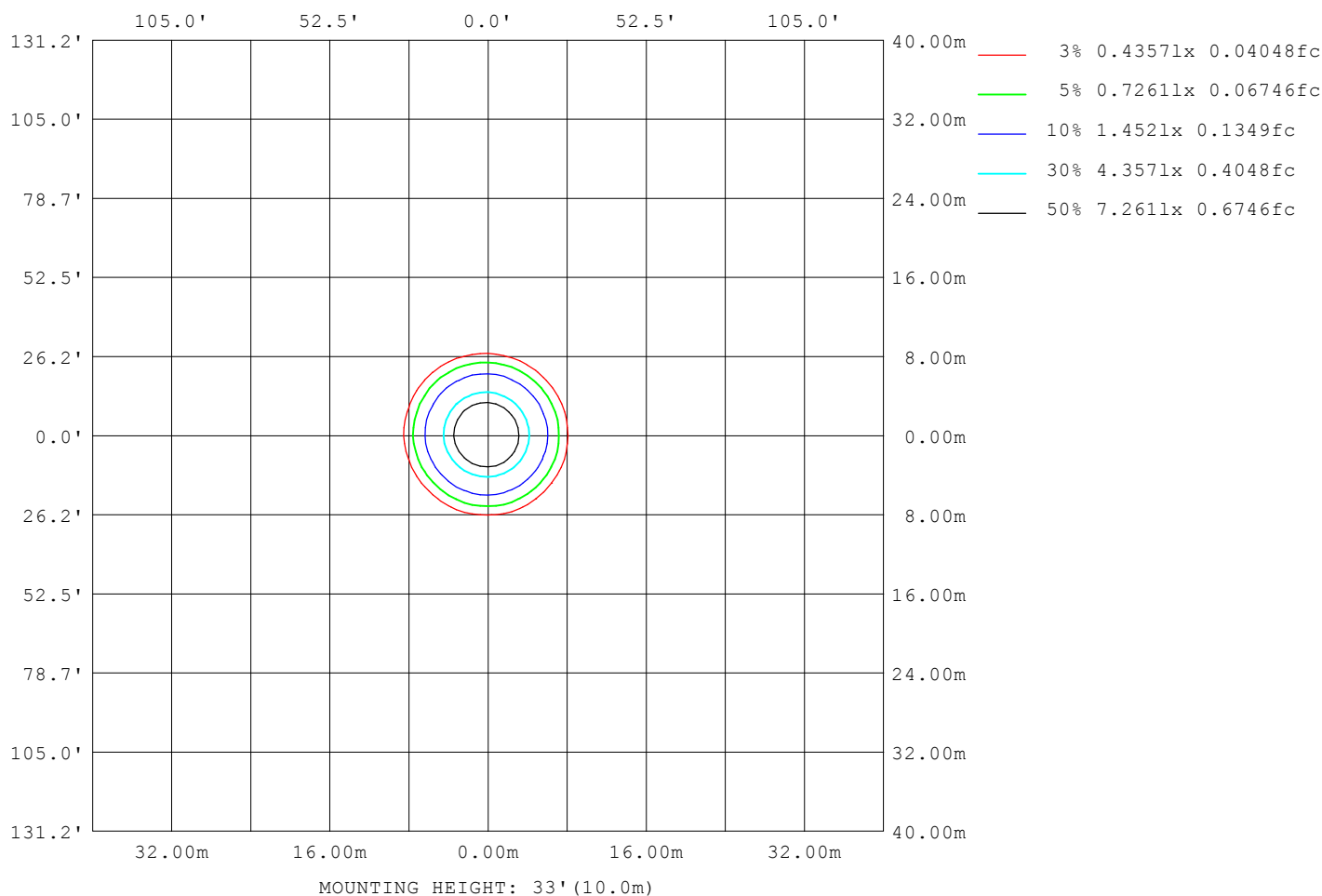
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649 Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-03-26

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:0.0541A P:12.3W PF:0.9479 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.98% KDisp:0.9649 Lamp Flux:800.932x1 lm		
NAME: MD10-13-DW-16 3000K RA95 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

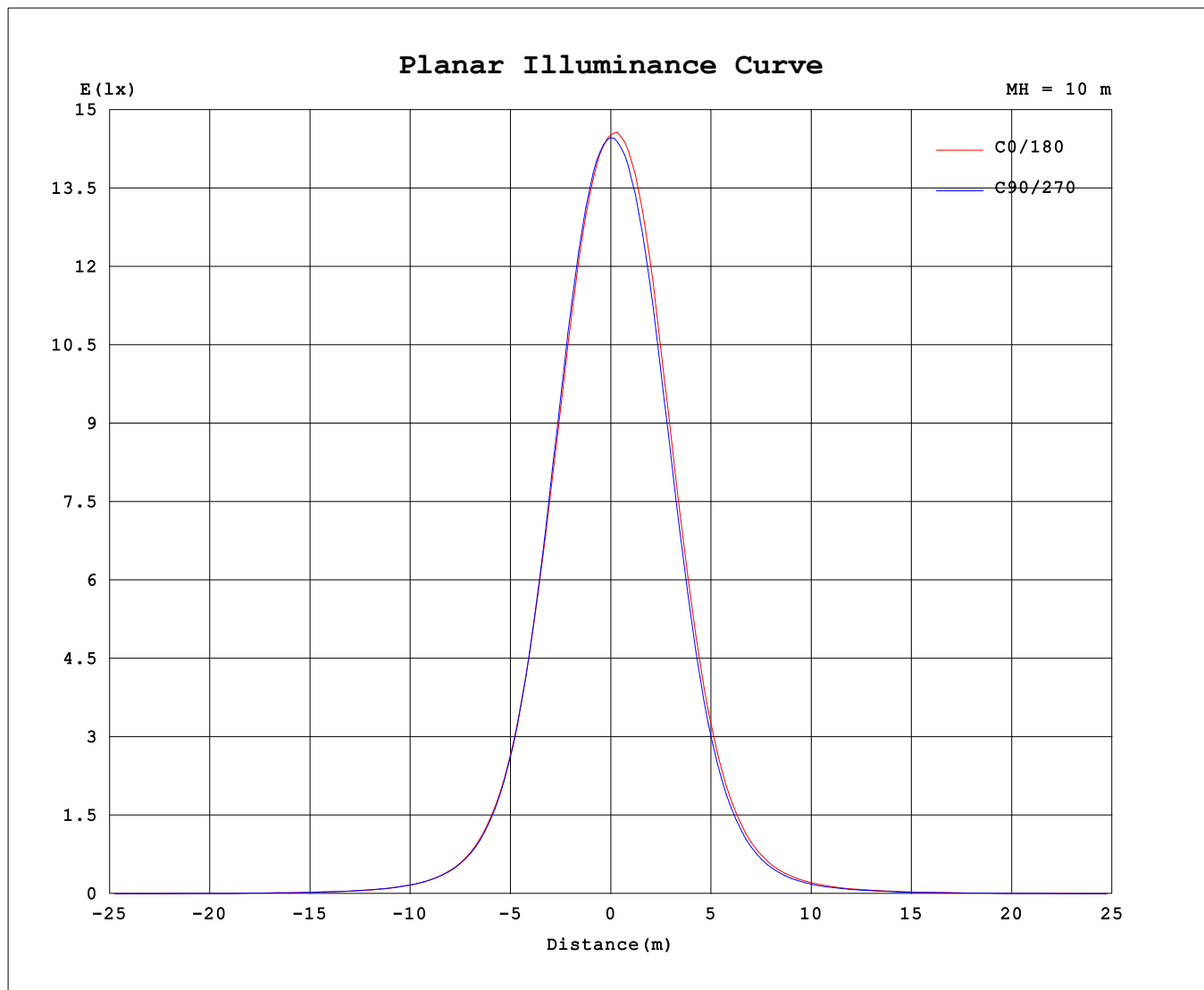
AvgL	cd/m2
L_0~180 (65) av	39760
L_0~180 (75) av	27023
L_0~180 (85) av	19064
L_90~270 (65) av	38070
L_90~270 (75) av	26100
L_90~270 (85) av	18397
L_45 (65) av	37751
L_45 (75) av	25814
L_45 (85) av	18154

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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: 2024-03-26

$\gamma$  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	1448	1448	1448	1448	1448	1448	1448	1448
3.0	1419	1421	1427	1439	1449	1445	1434	1421
6.0	1354	1360	1372	1396	1419	1418	1390	1362
9.0	1255	1263	1278	1315	1352	1357	1311	1268
12.0	1118	1129	1148	1190	1241	1252	1196	1139
15.0	961.1	966.0	985.8	1035	1089	1106	1047	983.7
18.0	795.6	790.9	810.6	861.2	920.9	935.9	880.9	818.3
21.0	629.8	621.9	636.7	686.1	745.8	760.6	708.6	655.2
24.0	480.3	468.4	479.1	522.9	579.3	592.9	544.5	501.9
27.0	354.7	342.6	350.2	383.0	434.2	444.3	404.0	370.1
30.0	255.4	246.5	250.3	274.0	315.8	324.4	292.3	266.5
33.0	180.9	175.3	176.0	193.7	227.3	232.4	208.5	188.9
36.0	127.3	124.1	124.3	135.9	160.0	164.6	145.1	132.5
39.0	90.74	87.60	89.20	96.51	113.6	116.6	101.8	93.96
42.0	64.61	63.19	64.49	69.60	81.32	83.08	72.01	66.68
45.0	46.90	46.31	47.69	50.89	59.65	60.10	52.22	48.44
48.0	34.54	34.48	35.77	37.71	44.42	44.00	38.54	35.90
51.0	25.72	25.86	27.02	28.28	33.66	32.88	28.99	27.02
54.0	19.25	19.56	20.42	21.27	25.64	24.74	21.91	20.43
57.0	14.46	14.62	15.37	15.98	19.54	18.66	16.71	15.52
60.0	10.97	11.04	11.72	12.04	14.86	14.07	12.77	11.87
63.0	8.392	8.499	9.151	9.277	11.44	10.67	9.762	9.113
66.0	6.608	6.711	7.279	7.360	8.979	8.322	7.641	7.113
69.0	5.204	5.300	5.776	5.903	7.138	6.631	6.064	5.628
72.0	3.976	4.059	4.465	4.613	5.564	5.142	4.696	4.333
75.0	2.873	2.962	3.266	3.432	4.121	3.814	3.489	3.154
78.0	2.042	2.138	2.390	2.461	2.935	2.711	2.473	2.209
81.0	1.312	1.321	1.490	1.634	2.053	1.920	1.729	1.497
84.0	0.7750	0.7827	0.9156	1.025	1.279	1.207	1.074	0.8852
87.0	0.0563	0.0160	0.0207	0.1441	0.6080	0.6370	0.5380	0.3177
90.0	0.0183	0.0132	0.0174	0.0068	0.0106	0.0116	0.0125	0.0074

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-26

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: