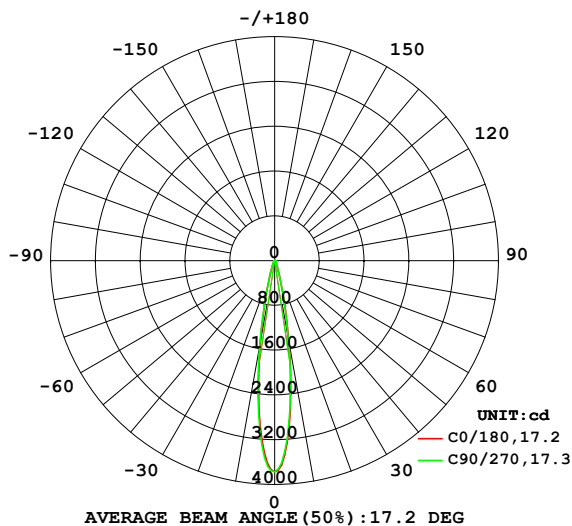


## LUMINAIRE PHOTOMETRIC TEST REPORT

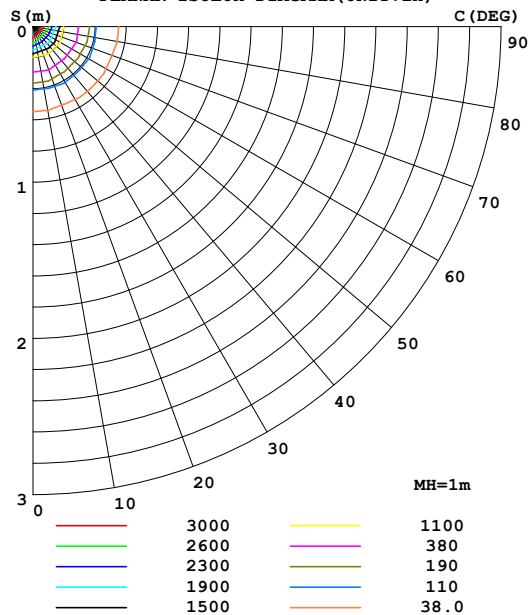
Test:U:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.16 lm/W
MODEL		Imax (cd)	3769	S/MH(C0/180)	0.30	
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.31	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	474.90	$\eta$ UP,DN(C0-180)	0.0,49.4	
NOMINAL FLUX(lm)	474.903	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,50.6	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.25	$\eta$ 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:2023-12-20

$\gamma$  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	1472	1456	1441	1469	1494	1522	1550	1495	0- 10	234.3	234.3	49.3,49.3
20	197.3	199.1	195.4	186.5	194.7	198.5	209.9	188.6	10- 20	162.7	397.1	83.6,83.6
30	44.42	44.90	46.10	44.46	44.85	44.54	46.18	43.45	20- 30	43.12	440.2	92.7,92.7
40	17.33	17.74	17.68	17.48	17.82	17.88	17.85	17.09	30- 40	17.43	457.6	96.4,96.4
50	7.570	7.486	7.640	7.893	7.955	7.801	7.782	7.662	40- 50	9.207	466.8	98.3,98.3
60	3.303	3.292	3.412	3.566	3.565	3.459	3.393	3.334	50- 60	4.585	471.4	99.3,99.3
70	1.378	1.364	1.636	1.704	1.668	1.566	1.650	1.439	60- 70	2.439	473.8	99.8,99.8
80	0.4001	0.3971	0.3676	0.4171	0.4379	0.4039	0.3467	0.3765	70- 80	0.9381	474.8	100,100
90	0.0177	0.0100	0.0177	0.0074	0.0109	0.0080	0.0109	0.0093	80- 90	0.1196	474.9	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): 462.95 lm

%lum = 97.5%

%lamp = 97.5%

Conical surface Flux(120deg): 471.41 lm

%lum = 99.3%

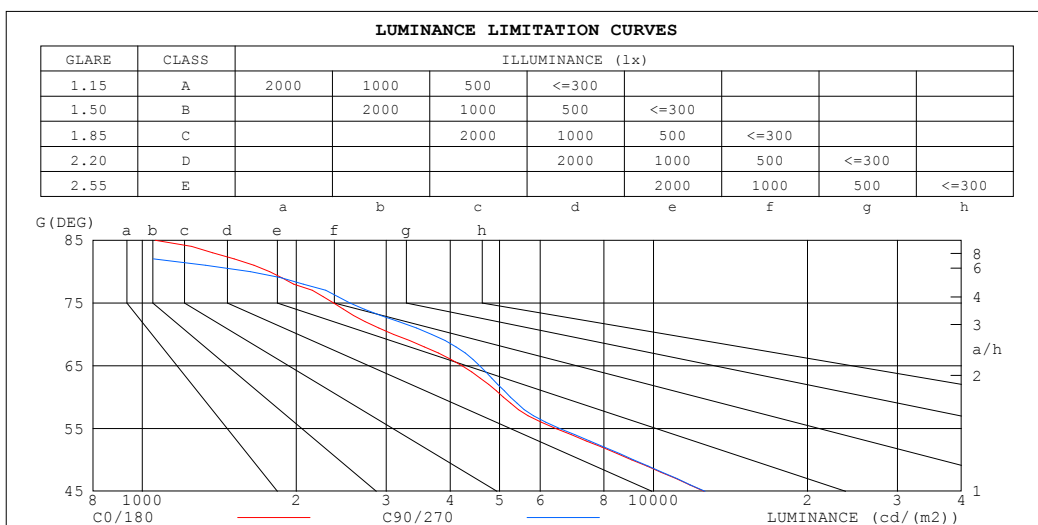
%lamp = 99.3%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2023-12-20

$\gamma$  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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



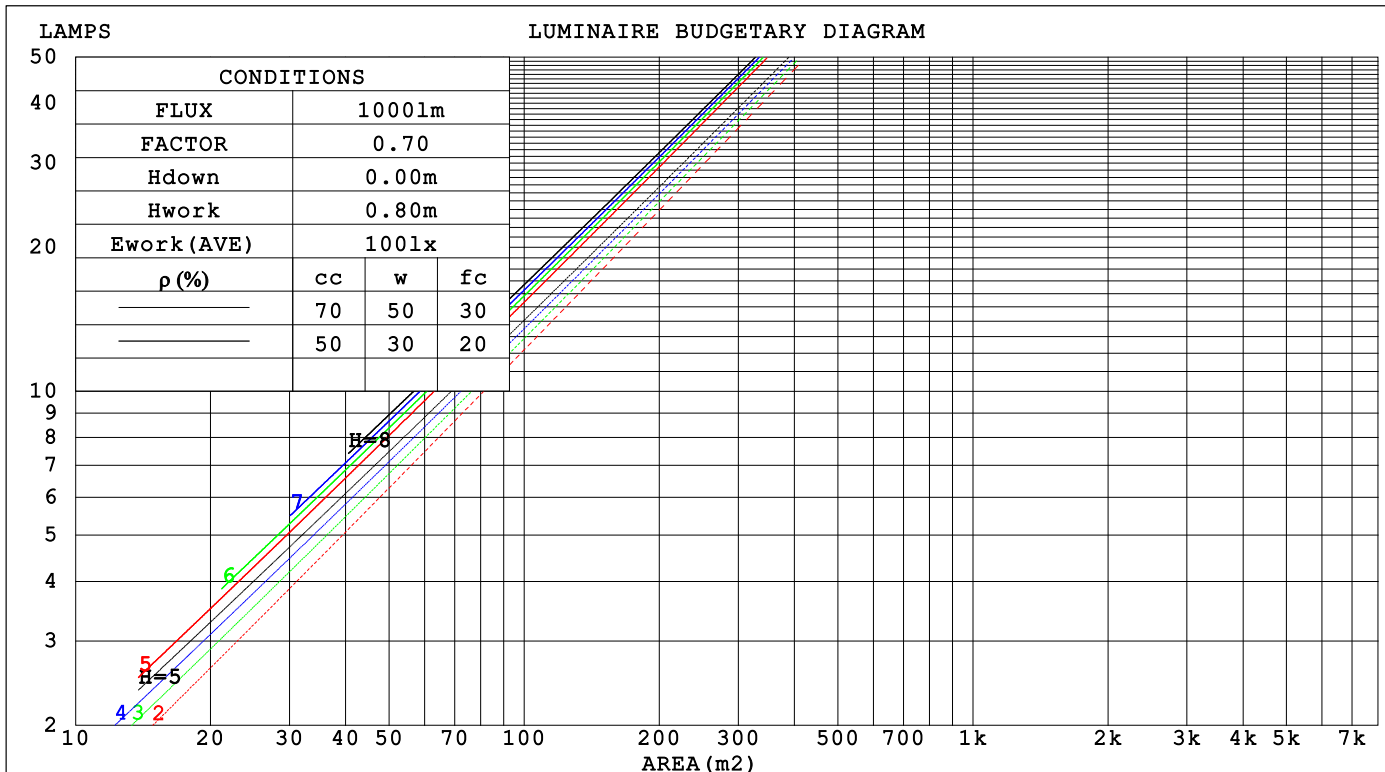
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-20

$\gamma$  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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.02	1.00	.99	.99	.97														
2.0	1.08	1.05	1.03	1.07	1.04	1.02	1.03	1.01	.00	1.01	.99	.98	.98	.97	.96	.94														
3.0	1.04	1.00	.98	1.03	.00	.97	1.00	.98	.96	.98	.96	.94	.96	.94	.93	.91														
4.0	1.00	.97	.94	.99	.96	.93	.97	.94	.92	.95	.93	.91	.94	.92	.90	.89														
5.0	.97	.93	.90	.96	.93	.90	.95	.92	.89	.93	.91	.89	.92	.90	.88	.87														
6.0	.94	.90	.88	.94	.90	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.85														
7.0	.92	.88	.85	.91	.88	.85	.90	.87	.85	.89	.86	.84	.88	.86	.84	.83														
8.0	.89	.86	.83	.89	.85	.83	.88	.85	.83	.87	.84	.82	.86	.84	.82	.81														
9.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.83	.81	.85	.82	.80	.79														
10.0	.85	.82	.79	.85	.82	.79	.84	.81	.79	.84	.81	.79	.83	.81	.79	.78														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz			UTHDi:0.18% ITHDi:24.91% KDisp:0.8931			Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D			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	.132	.075	.024	.125	.071	.023	.113	.065	.021	.101	.058	.019	.091	.053	.017		
2.0	.122	.067	.020	.116	.064	.020	.106	.059	.018	.097	.054	.017	.088	.050	.016		
3.0	.113	.060	.018	.108	.058	.017	.100	.054	.016	.092	.050	.015	.085	.047	.014		
4.0	.105	.054	.016	.101	.053	.016	.094	.050	.015	.087	.047	.014	.081	.044	.013		
5.0	.098	.050	.014	.095	.049	.014	.089	.046	.014	.083	.044	.013	.078	.042	.013		
6.0	.092	.046	.013	.089	.045	.013	.084	.043	.013	.079	.041	.012	.075	.039	.012		
7.0	.087	.043	.012	.085	.042	.012	.080	.040	.012	.076	.039	.011	.072	.037	.011		
8.0	.082	.040	.011	.080	.040	.011	.076	.038	.011	.073	.037	.011	.069	.036	.010		
9.0	.078	.038	.011	.076	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010		
10.0	.074	.036	.010	.073	.035	.010	.070	.034	.010	.067	.033	.009	.064	.032	.009		

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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.150	.133	.119	.128	.114	.103	.088	.079	.072	.051	.046	.042	.016	.015	.014		
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011		
4.0	.121	.098	.080	.104	.084	.069	.072	.059	.049	.041	.034	.029	.013	.011	.009		
5.0	.110	.085	.067	.095	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008		
6.0	.101	.075	.057	.087	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007		
7.0	.093	.067	.048	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006		
8.0	.086	.060	.042	.074	.052	.037	.051	.037	.026	.030	.022	.015	.010	.007	.005		
9.0	.080	.054	.037	.069	.047	.032	.048	.033	.023	.028	.020	.013	.009	.006	.004		
10.0	.075	.049	.032	.065	.043	.028	.045	.030	.020	.026	.018	.012	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm										
NAME: MD10-06-XX-04 2700K RA90 15D					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	11.7	12.3	11.9	12.5	12.6	11.8	12.4	12.0	12.6	12.7
3H	12.0	12.6	12.2	12.7	12.9	12.2	12.7	12.4	12.9	13.1
4H	12.0	12.6	12.3	12.8	13.0	12.2	12.8	12.5	13.0	13.2
6H	12.0	12.6	12.3	12.8	13.0	12.2	12.7	12.5	13.0	13.2
8H	12.0	12.5	12.3	12.8	13.0	12.2	12.7	12.5	12.9	13.2
12H	12.0	12.5	12.3	12.7	13.0	12.2	12.6	12.5	12.9	13.2
4H 2H	11.8	12.4	12.1	12.6	12.8	11.9	12.5	12.2	12.7	12.9
3H	12.2	12.6	12.5	12.9	13.2	12.3	12.8	12.6	13.1	13.3
4H	12.2	12.7	12.6	13.0	13.3	12.4	12.9	12.8	13.2	13.5
6H	12.3	12.7	12.6	13.0	13.3	12.4	12.8	12.8	13.2	13.5
8H	12.2	12.6	12.6	13.0	13.3	12.4	12.8	12.8	13.1	13.5
12H	12.2	12.5	12.6	12.9	13.3	12.3	12.7	12.8	13.1	13.4
8H 4H	12.2	12.6	12.6	12.9	13.3	12.4	12.7	12.7	13.1	13.4
6H	12.2	12.5	12.7	12.9	13.3	12.4	12.7	12.8	13.1	13.5
8H	12.2	12.5	12.7	12.9	13.3	12.4	12.6	12.8	13.1	13.5
12H	12.2	12.4	12.6	12.9	13.3	12.3	12.5	12.8	13.0	13.4
12H 4H	12.1	12.5	12.5	12.8	13.2	12.3	12.7	12.7	13.0	13.4
6H	12.2	12.5	12.6	12.9	13.3	12.4	12.6	12.8	13.0	13.5
8H	12.2	12.4	12.6	12.8	13.3	12.3	12.6	12.8	13.0	13.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 2.0					+ 1.3 / - 1.9				
1.5H	+ 1.9 / - 1.7					+ 2.0 / - 1.7				
2.0H	+ 2.5 / - 1.6					+ 2.5 / - 1.6				

CIE Pub.117, 474.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.6)  
Area: 0.0013 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

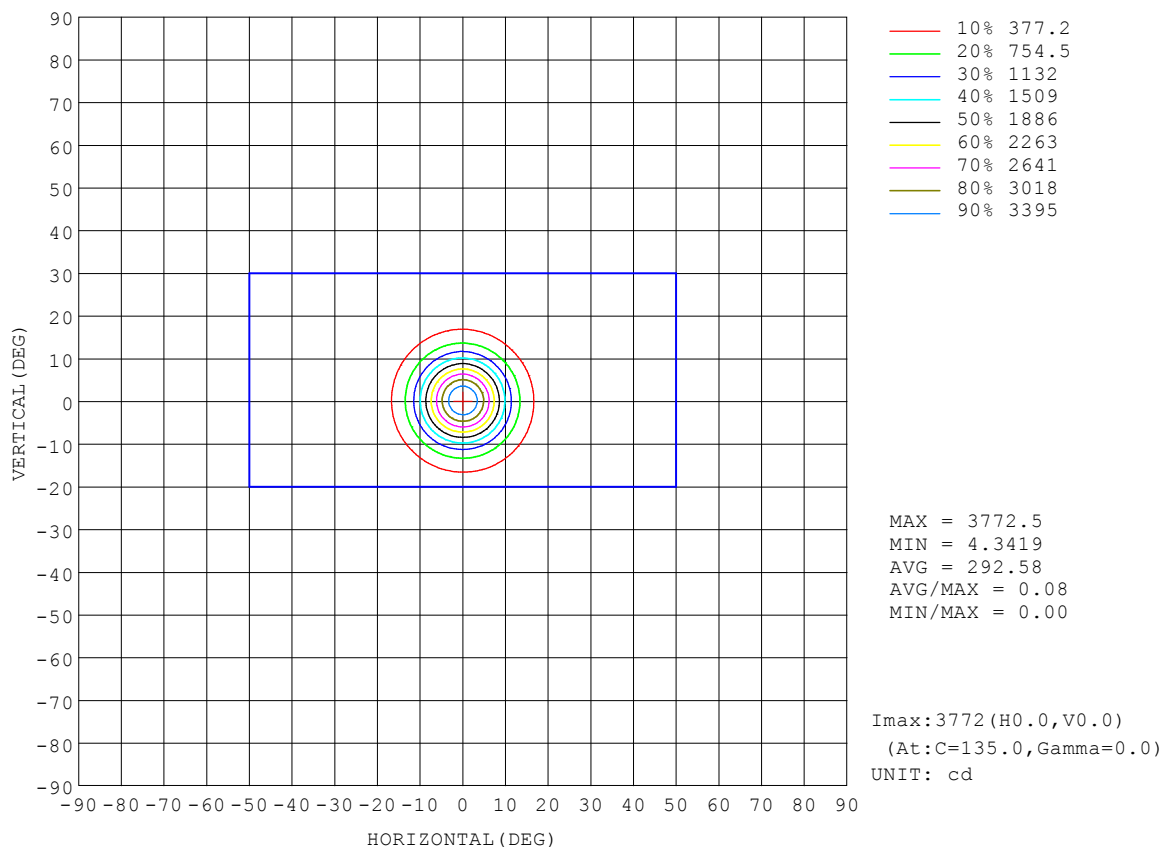
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	100	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	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	112	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: 2023-12-20

$\gamma$  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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



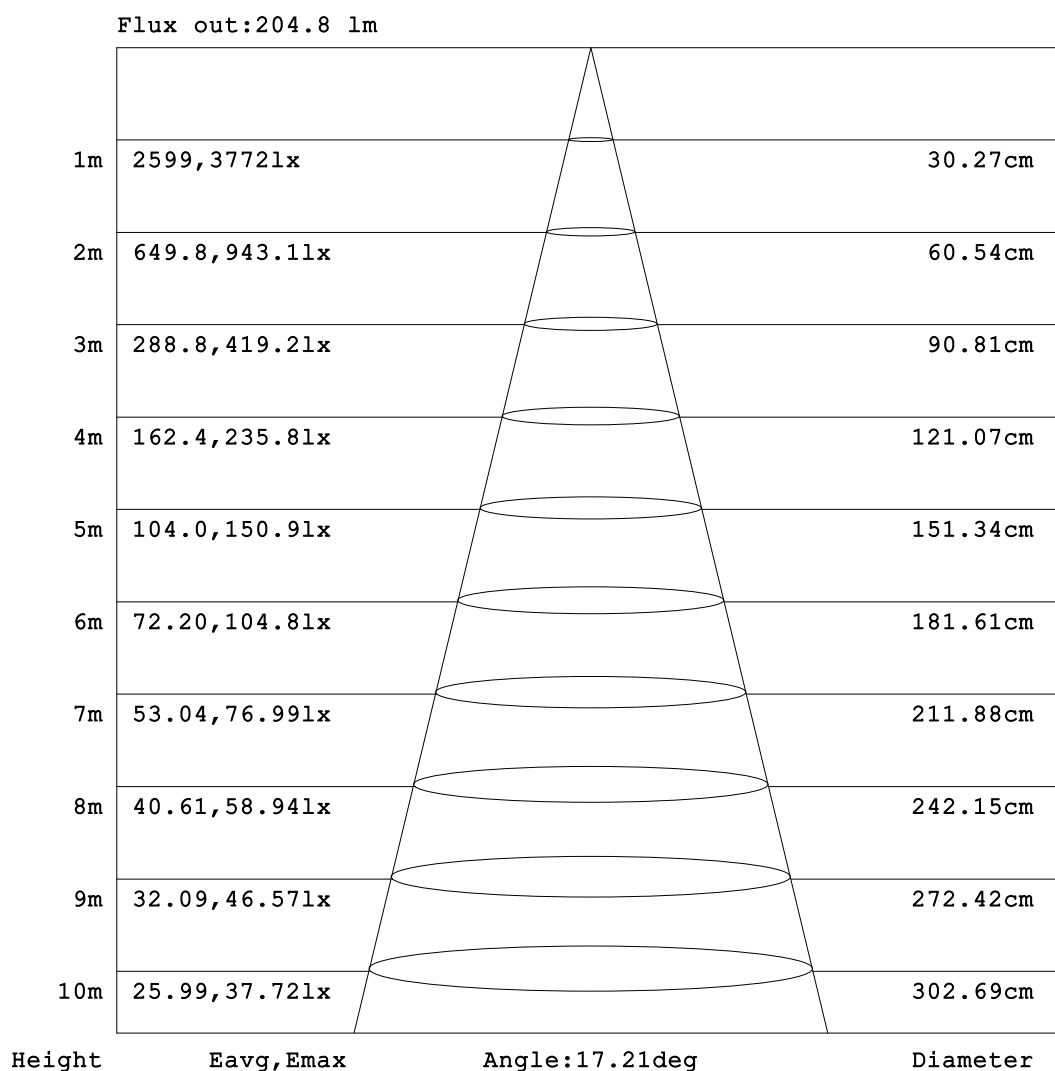
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931		Lamp Flux:474.903x1 lm
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



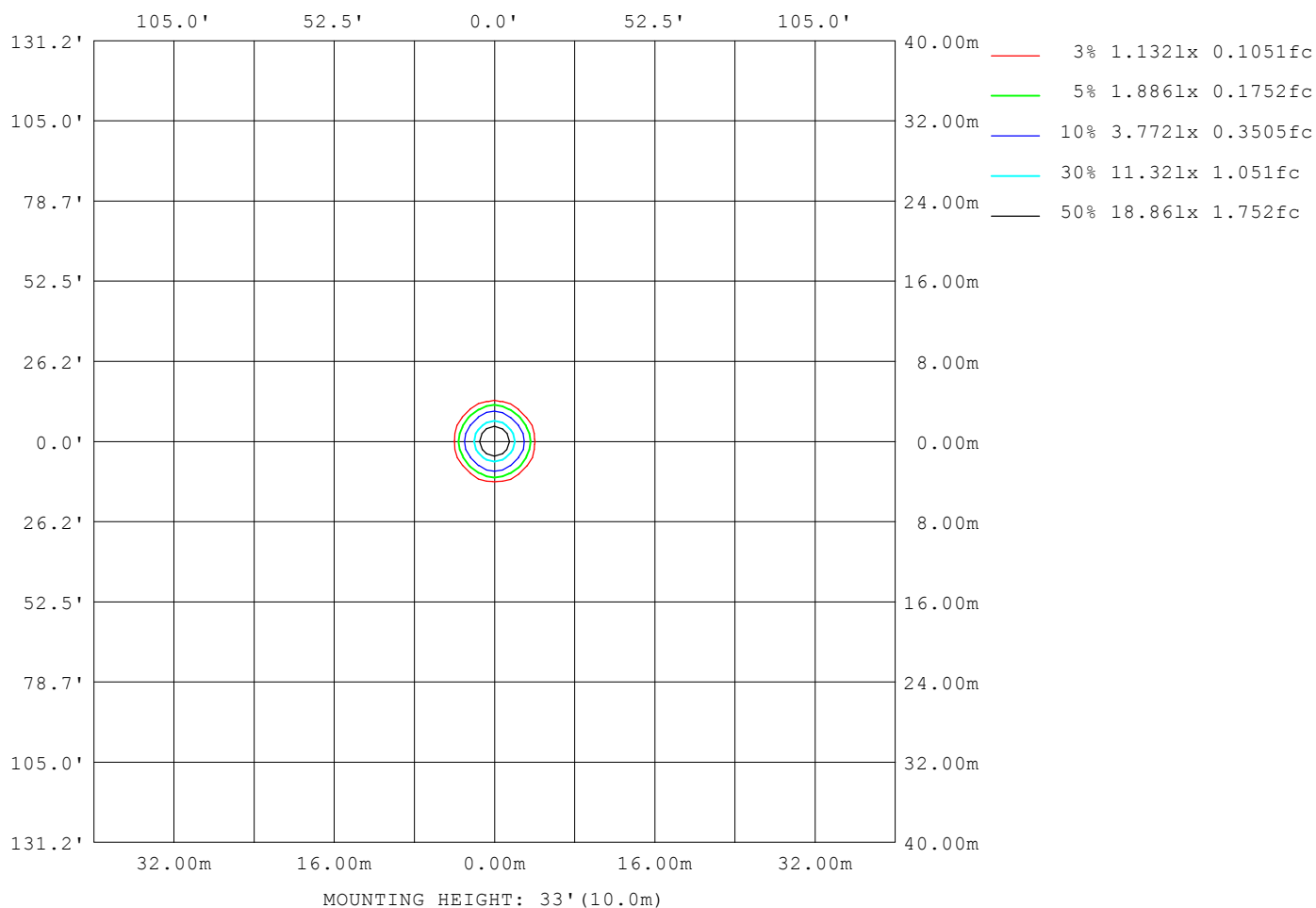
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	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:2023-12-20

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:240.3V I:0.0265A P:5.5W PF:0.8662 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.91% KDisp:0.8931 Lamp Flux:474.903x1 lm		
NAME: MD10-06-XX-04 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

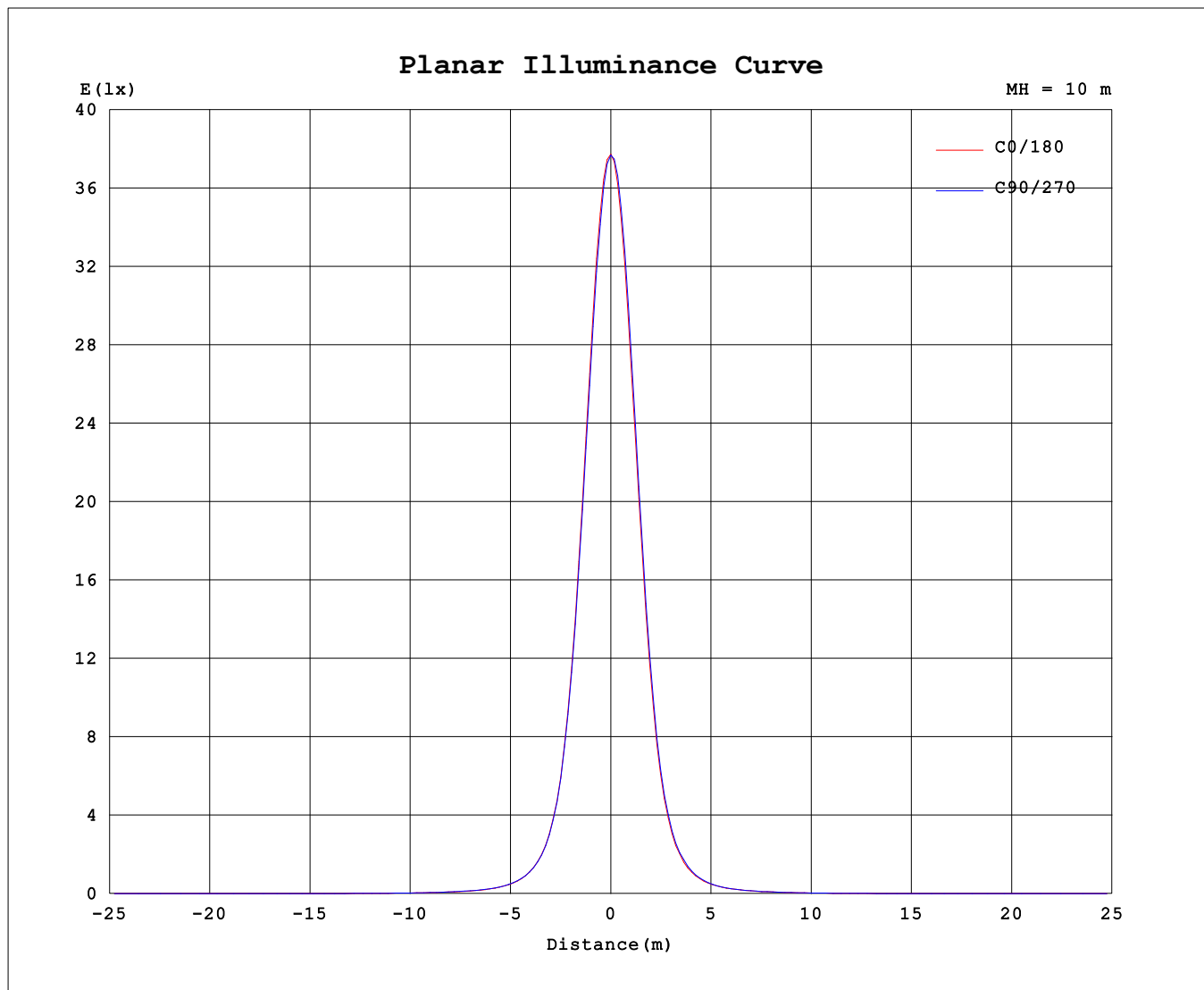
AvgL	cd/m2
L_0~180 (65) av	4487
L_0~180 (75) av	2489
L_0~180 (85) av	1085
L_90~270 (65) av	4563
L_90~270 (75) av	2606
L_90~270 (85) av	180
L_45 (65) av	4452
L_45 (75) av	2499
L_45 (85) av	100

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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: 2023-12-20

$\gamma$  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	3769	3769	3769	3769	3769	3769	3769	3769
3.0	3482	3456	3427	3439	3457	3487	3514	3496
6.0	2694	2660	2636	2659	2679	2723	2759	2720
9.0	1757	1738	1720	1752	1776	1807	1838	1783
12.0	993.2	986.7	976.8	993.7	1014	1035	1057	1003
15.0	526.4	526.8	520.6	522.3	537.4	548.7	561.2	523.9
18.0	287.3	288.0	283.8	275.0	286.1	292.2	300.5	277.6
21.0	165.8	167.3	164.4	155.8	163.0	165.7	172.4	157.6
24.0	100.9	102.1	101.5	95.88	99.74	100.3	105.0	95.48
27.0	65.51	66.08	66.89	63.50	65.05	65.25	67.81	62.96
30.0	44.42	44.90	46.10	44.46	44.85	44.54	46.18	43.45
33.0	31.77	32.52	33.24	32.44	32.43	32.36	33.03	31.45
36.0	24.13	24.81	25.05	24.50	24.66	24.80	24.88	23.85
39.0	18.79	19.35	19.29	19.06	19.37	19.42	19.43	18.54
42.0	14.74	14.98	14.91	14.86	15.22	15.20	15.16	14.57
45.0	11.54	11.57	11.60	11.73	11.99	11.84	11.85	11.50
48.0	8.994	8.904	9.051	9.268	9.397	9.240	9.236	9.052
51.0	6.931	6.854	7.018	7.264	7.313	7.166	7.140	7.026
54.0	5.266	5.205	5.356	5.593	5.607	5.458	5.435	5.349
57.0	4.017	3.993	4.124	4.315	4.311	4.187	4.130	4.067
60.0	3.303	3.292	3.412	3.566	3.565	3.459	3.393	3.334
63.0	2.703	2.692	2.848	2.973	2.982	2.881	2.842	2.733
66.0	2.121	2.104	2.343	2.438	2.431	2.324	2.336	2.169
69.0	1.550	1.533	1.821	1.893	1.863	1.755	1.829	1.613
72.0	1.094	1.089	1.274	1.334	1.295	1.228	1.307	1.142
75.0	0.7959	0.8001	0.8573	0.8758	0.8792	0.8695	0.8965	0.8184
78.0	0.5341	0.5537	0.5584	0.5938	0.5986	0.5931	0.5411	0.5443
81.0	0.3360	0.3164	0.2703	0.3323	0.3694	0.3131	0.2550	0.2959
84.0	0.1694	0.0890	0.0229	0.0961	0.1787	0.0859	0.0215	0.0828
87.0	0.0238	0.0071	0.0206	0.0106	0.0196	0.0077	0.0167	0.0029
90.0	0.0177	0.0100	0.0177	0.0074	0.0109	0.0080	0.0109	0.0093

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γ Range: 0 - 90DEG  
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Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
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Remarks: