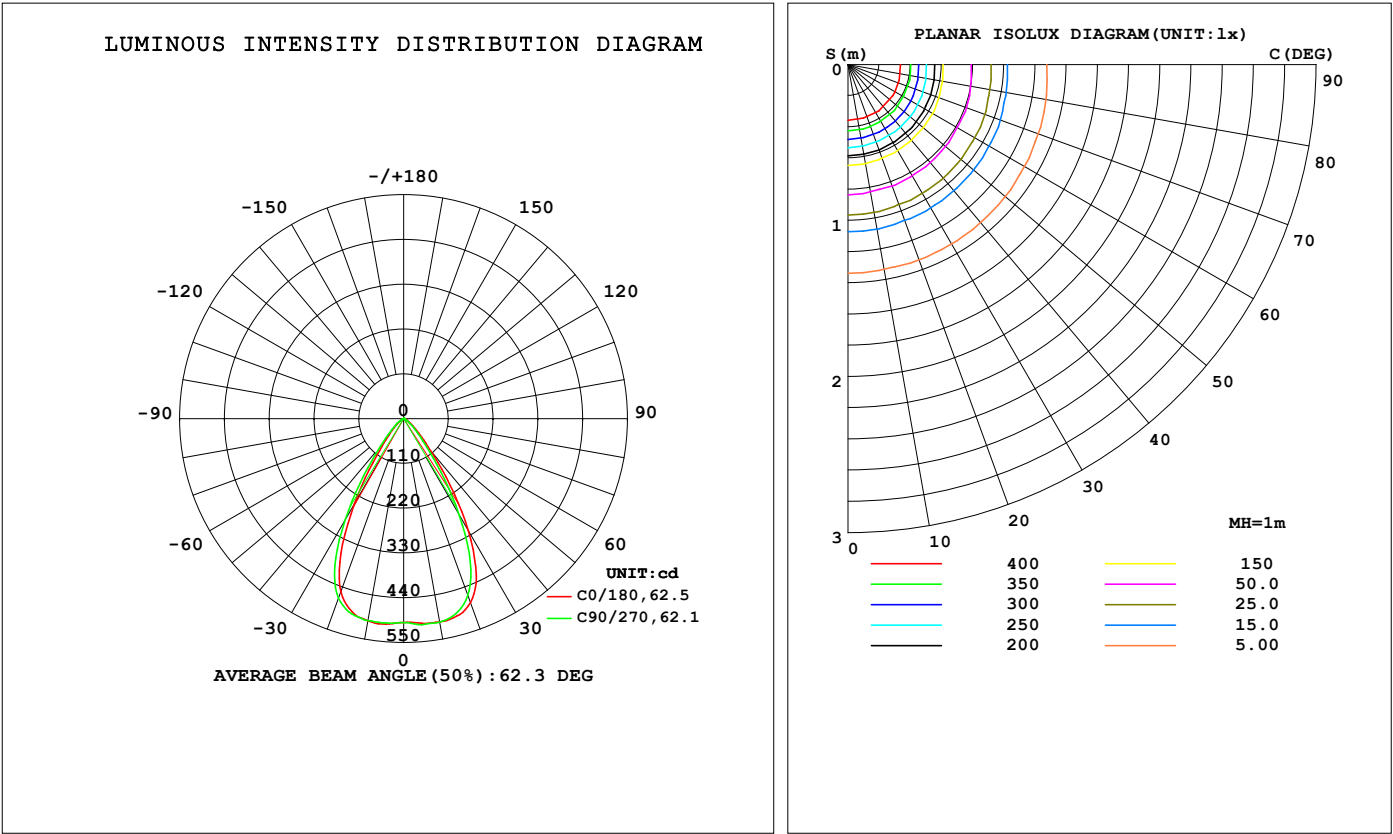


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.97 lm/W
MODEL		Imax (cd)	510.9	S/MH(C0/180)	0.87	
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.93	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	529.48	η UP,DN(C0-180)	0.0,50.7	
NOMINAL FLUX(lm)	529.484	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.3	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	240.42	η down (%)	100.0	CIBSE SHR MAX	0.95	



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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	506.8	510.9	507.5	505.2	504.3	503.9	503.6	505.4	0- 10	48.24	48.24	9.11,9.11
20	480.3	474.9	461.6	454.9	452.1	457.5	469.0	478.4	10- 20	139.2	187.4	35.4,35.4
30	318.0	303.4	272.5	251.1	242.2	256.5	288.3	314.7	20- 30	176.3	363.8	68.7,68.7
40	103.0	96.50	82.16	72.81	69.38	73.95	88.04	102.0	30- 40	105.3	469.0	88.6,88.6
50	32.70	31.15	26.12	22.94	21.97	24.20	28.65	31.83	40- 50	38.94	508.0	95.9,95.9
60	10.83	10.11	8.438	7.079	7.066	8.122	9.623	10.57	50- 60	14.73	522.7	98.7,98.7
70	3.024	2.724	2.336	2.001	1.935	2.185	2.639	2.909	60- 70	5.146	527.8	99.7,99.7
80	0.6961	0.6435	0.5292	0.4435	0.4460	0.4872	0.5924	0.6589	70- 80	1.348	529.2	99.9,99.9
90	0.0529	0.0180	0.0087	0.0058	0.0051	0.0055	0.0064	0.0235	80- 90	0.3083	529.5	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): 493.1 lm

%lum = 93.1%

%lamp = 93.1%

Conical surface Flux(120deg): 522.68 lm

%lum = 98.7%

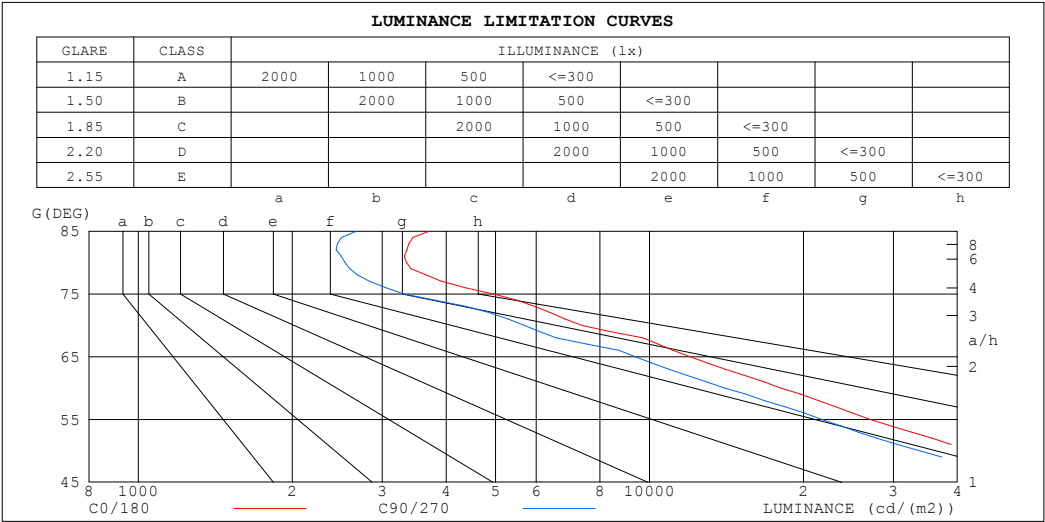
%lamp = 98.7%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

$\gamma$  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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3702	2667
80	3345	2538
75	4954	3307
70	7377	5687
65	12009	9387
60	18074	14051
55	27057	21756
50	42450	33838
45	68680	54482

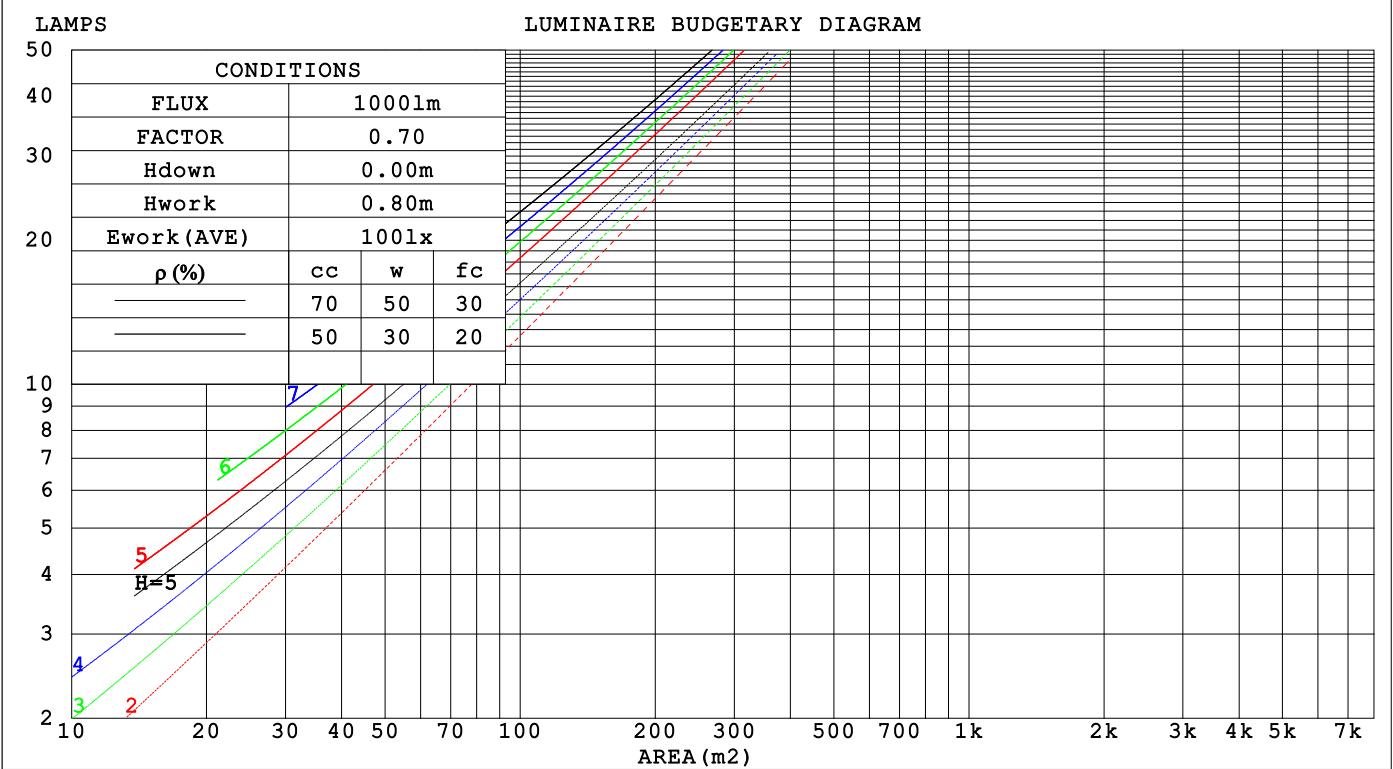
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002		
Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	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	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93														
2.0	1.02	.98	.95	1.01	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.88	.86														
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79														
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73														
5.0	.82	.76	.72	.81	.76	.72	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68														
6.0	.77	.71	.66	.76	.70	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63														
7.0	.72	.66	.62	.72	.66	.61	.70	.65	.61	.69	.64	.61	.68	.64	.60	.59														
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55														
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.62	.57	.53	.61	.56	.53	.52														
10.0	.60	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.58	.53	.50	.49														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	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	.185	.105	.033	.179	.102	.032	.166	.095	.030	.154	.089	.029	.144	.083	.027															
2.0	.178	.098	.030	.173	.095	.029	.162	.090	.028	.152	.085	.027	.143	.081	.026															
3.0	.170	.091	.027	.165	.089	.027	.156	.085	.026	.148	.081	.025	.140	.077	.024															
4.0	.162	.084	.025	.158	.083	.024	.150	.080	.024	.143	.077	.023	.136	.074	.022															
5.0	.154	.079	.023	.151	.077	.023	.144	.075	.022	.137	.073	.022	.131	.070	.021															
6.0	.147	.074	.021	.144	.073	.021	.138	.071	.021	.132	.069	.020	.127	.067	.020															
7.0	.141	.070	.020	.138	.069	.020	.132	.067	.019	.127	.065	.019	.122	.064	.019															
8.0	.134	.066	.018	.132	.065	.018	.127	.063	.018	.122	.062	.018	.118	.061	.018															
9.0	.129	.062	.017	.126	.062	.017	.122	.060	.017	.118	.059	.017	.114	.058	.017															
10.0	.123	.059	.016	.121	.059	.016	.117	.057	.016	.114	.056	.016	.110	.055	.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	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.097	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.125	.098	.077	.086	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.049	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.098	.061	.036	.067	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.108	.065	.035	.093	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.103	.060	.031	.089	.052	.027	.061	.036	.019	.036	.021	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz											
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002Lamp Flux:529.484x1 lm											
NAME: MD16-06-XX-01 4000K RA90 60D THU						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming lighting						SUR.: 40mm		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	23.3	24.3	23.6	24.5	24.7	22.5	23.5	22.7	23.7	23.8	
	3H	23.2	24.1	23.5	24.4	24.6	22.4	23.3	22.7	23.5	23.7
	4H	23.2	24.0	23.4	24.2	24.5	22.3	23.2	22.6	23.4	23.6
	6H	23.1	23.9	23.4	24.1	24.4	22.2	23.0	22.5	23.3	23.5
	8H	23.0	23.8	23.3	24.1	24.3	22.2	23.0	22.5	23.2	23.5
	12H	23.0	23.7	23.3	24.0	24.3	22.2	22.9	22.5	23.2	23.4
4H	2H	23.1	24.0	23.4	24.2	24.5	22.4	23.2	22.6	23.4	23.7
	3H	23.1	23.8	23.4	24.1	24.4	22.3	23.0	22.6	23.3	23.6
	4H	23.0	23.7	23.3	24.0	24.3	22.2	22.9	22.5	23.2	23.5
	6H	22.9	23.5	23.3	23.8	24.2	22.1	22.7	22.5	23.0	23.4
	8H	22.9	23.4	23.3	23.8	24.1	22.1	22.6	22.5	23.0	23.3
	12H	22.8	23.3	23.2	23.7	24.1	22.0	22.5	22.4	22.9	23.3
8H	4H	22.9	23.4	23.3	23.8	24.1	22.1	22.6	22.5	23.0	23.3
	6H	22.8	23.2	23.2	23.6	24.0	22.0	22.4	22.4	22.8	23.2
	8H	22.7	23.1	23.2	23.6	24.0	21.9	22.3	22.4	22.7	23.2
	12H	22.7	23.0	23.2	23.5	24.0	21.9	22.2	22.4	22.7	23.1
12H	4H	22.8	23.3	23.2	23.7	24.1	22.0	22.5	22.4	22.9	23.3
	6H	22.7	23.1	23.2	23.5	24.0	21.9	22.3	22.4	22.7	23.2
	8H	22.7	23.0	23.2	23.5	23.9	21.9	22.2	22.4	22.7	23.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 2.9 / - 5.3					+ 2.2 / - 5.4					
1.5H	+ 4.3 / - 4.1					+ 3.5 / - 3.6					
2.0H	+ 4.4 / - 4.4					+ 3.9 / - 4.0					

CIE Pub.117, 529.5 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = -2.2$ )  
Area: 0.0012 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

$\gamma$  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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

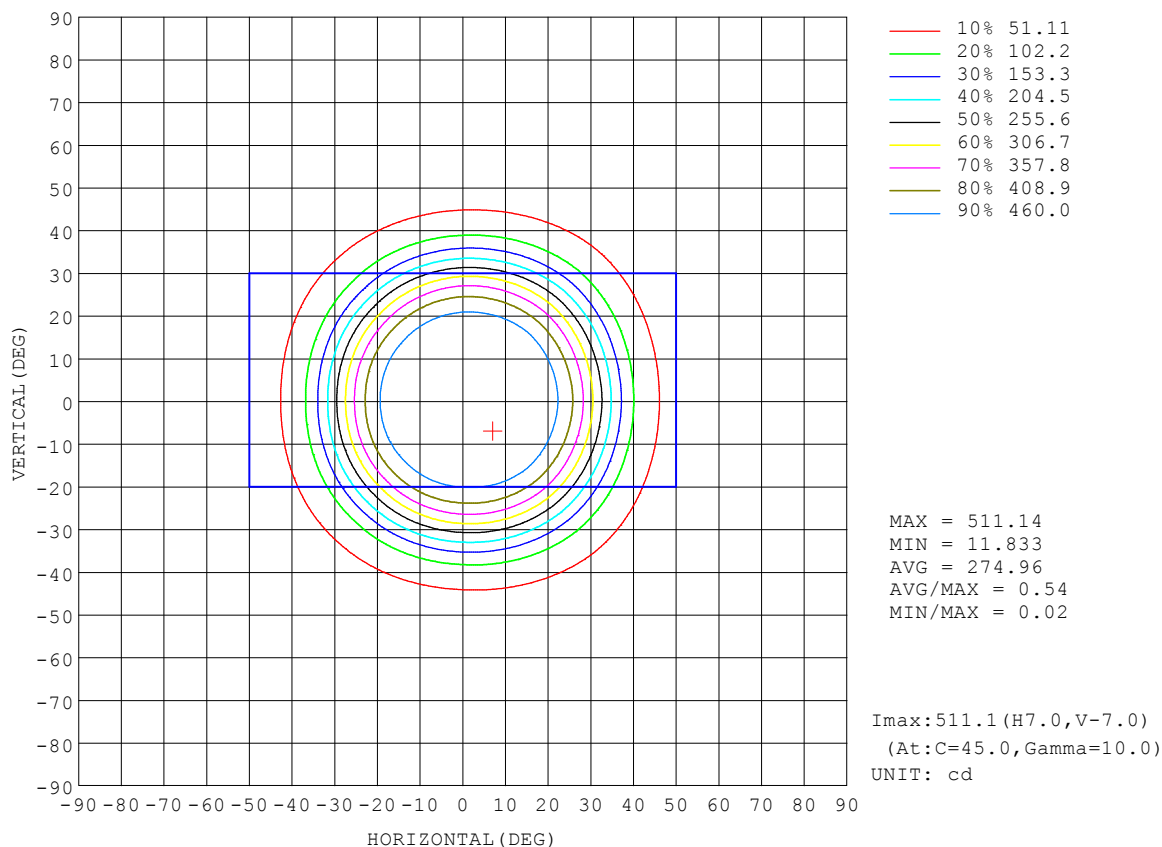
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	92	85	82	90	85	81	77
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	101	95	92	99	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	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: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-01

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



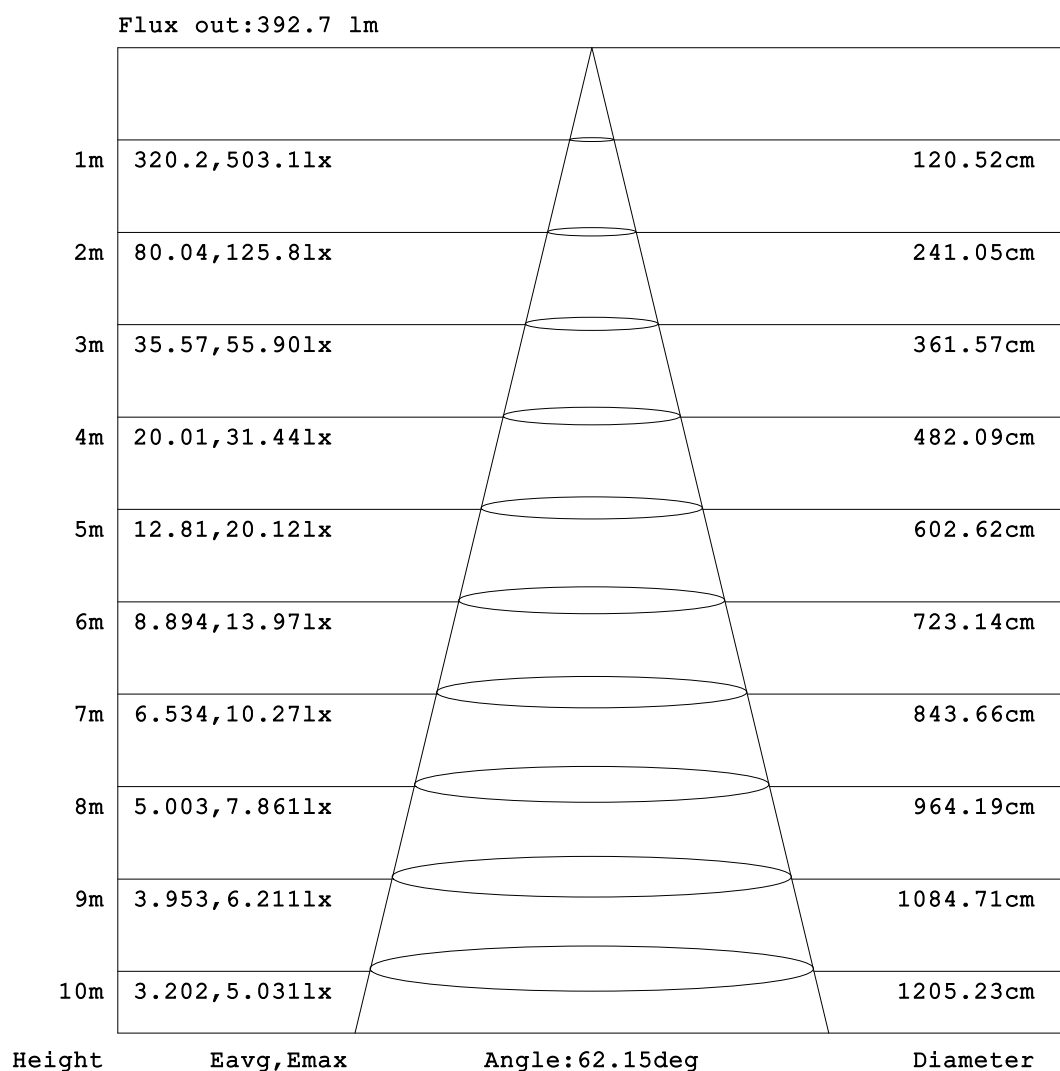
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

$\gamma$  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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



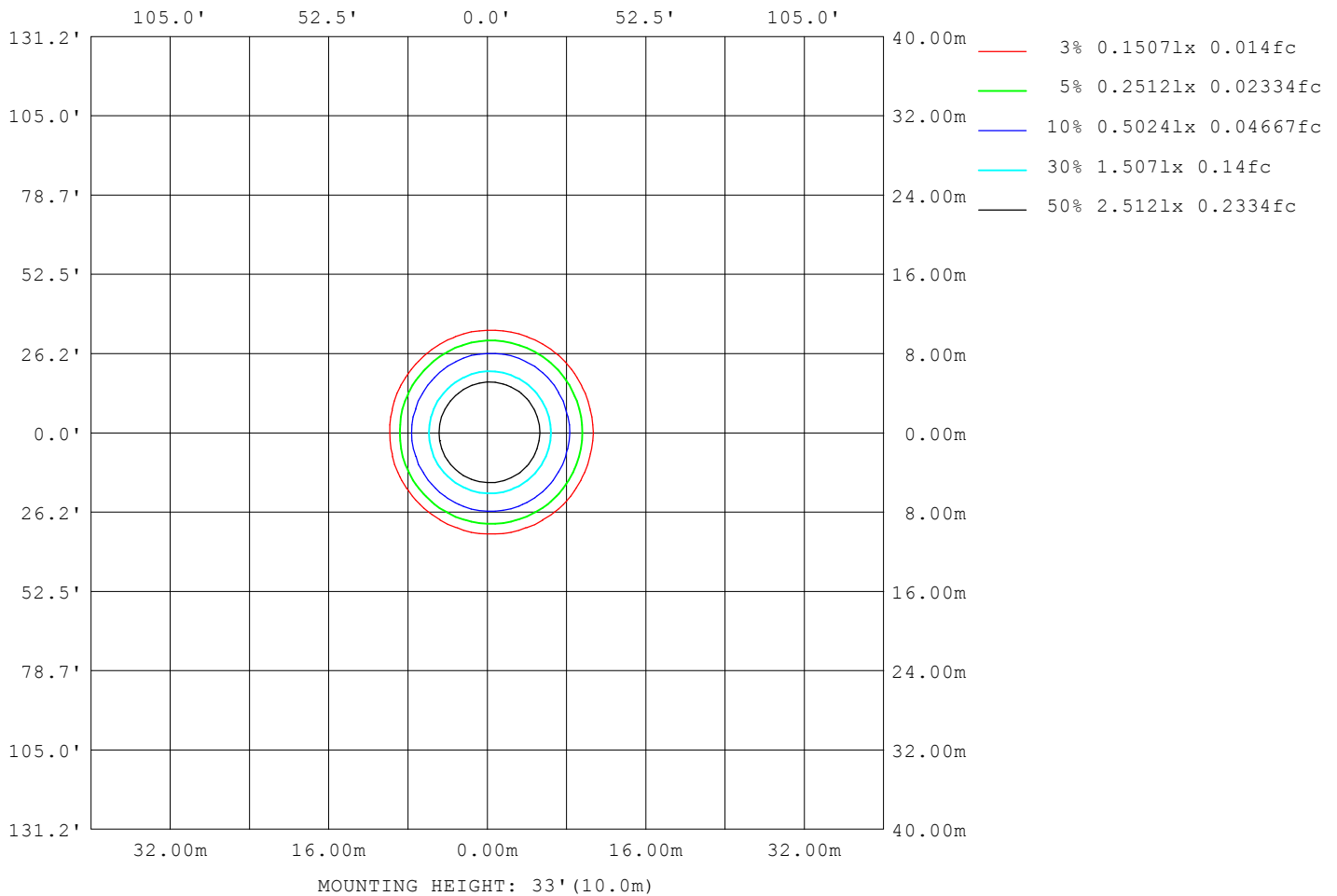
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz		
UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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:240.5V I:0.0273A P:5.8W PF:0.8754 Freq:49.99Hz UTHDi:0.17% ITHDi:23.83% KDisp:0.9002 Lamp Flux:529.484x1 lm		
NAME: MD16-06-XX-01 4000K RA90 60D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

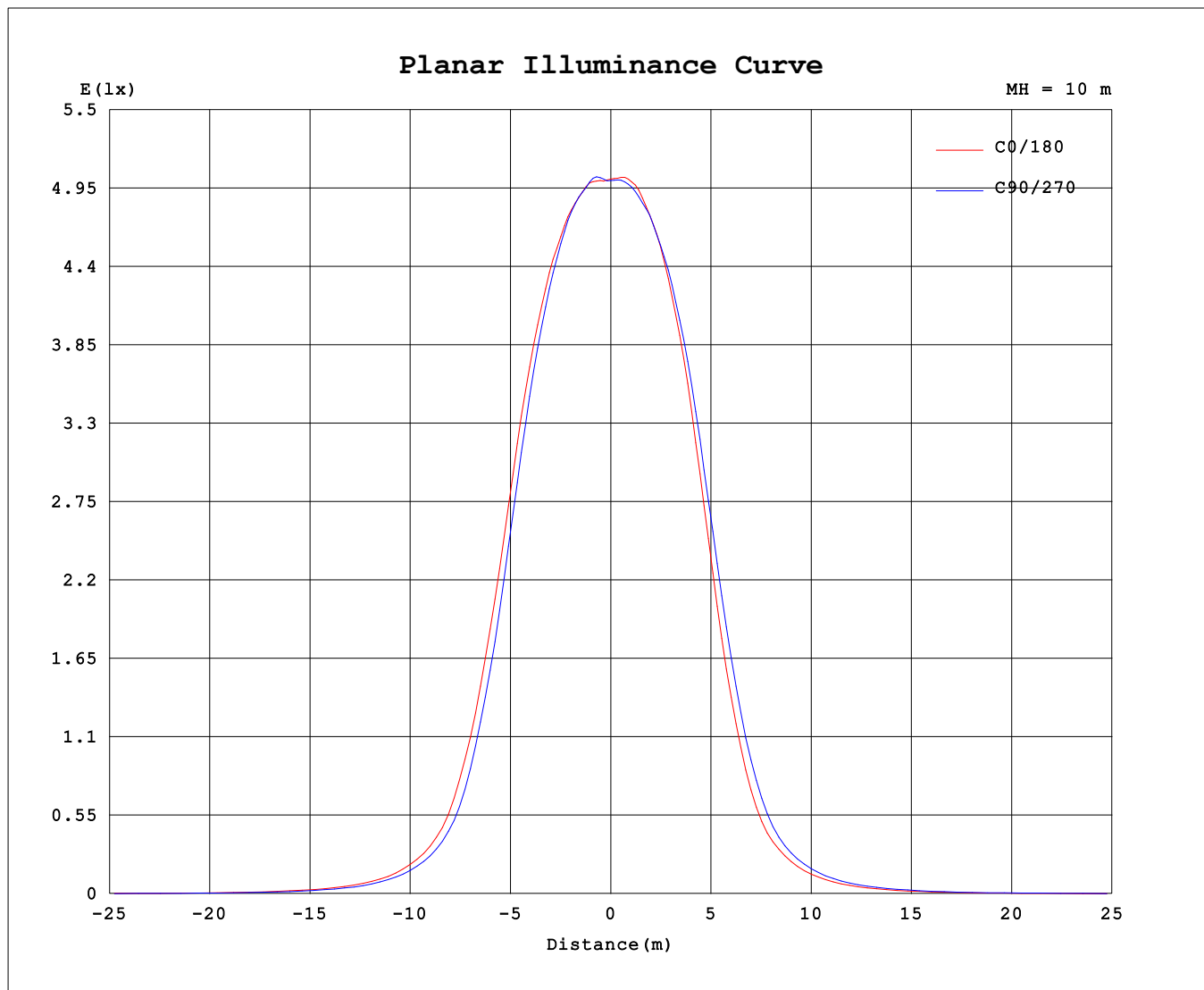
AvgL	cd/m2
L_0~180 (65) av	9947
L_0~180 (75) av	3786
L_0~180 (85) av	2894
L_90~270 (65) av	10075
L_90~270 (75) av	3577
L_90~270 (85) av	2892
L_45 (65) av	9933
L_45 (75) av	3659
L_45 (85) av	2852

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-01

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: 2024-08-01

$\gamma$  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	500.6	500.6	500.6	500.6	500.6	500.6	500.6	500.6
3.0	501.6	502.6	504.9	502.5	504.0	504.9	503.0	499.9
6.0	506.4	505.7	507.9	504.3	506.9	505.4	504.3	505.4
9.0	506.2	510.8	507.7	506.7	505.8	504.8	503.3	506.1
12.0	507.0	508.5	505.1	501.2	500.8	501.6	501.6	505.2
15.0	502.2	502.0	495.5	491.2	491.3	492.7	496.0	503.4
18.0	492.9	488.1	479.0	473.6	471.5	475.1	482.9	490.6
21.0	472.8	466.4	451.0	441.6	439.4	446.5	459.4	470.5
24.0	439.0	427.2	406.2	392.7	386.0	396.2	418.4	434.8
27.0	384.2	373.1	345.1	322.6	317.7	329.5	359.5	380.7
30.0	318.0	303.4	272.5	251.1	242.2	256.5	288.3	314.7
33.0	246.5	231.0	204.5	182.9	173.4	185.0	215.3	239.7
36.0	178.1	164.5	138.7	118.5	114.5	123.9	150.3	172.9
39.0	118.6	109.5	93.59	81.65	77.53	83.17	100.4	117.0
42.0	81.10	76.60	65.06	57.58	55.10	59.59	69.77	79.90
45.0	58.20	54.14	46.27	40.12	39.00	42.19	49.94	56.81
48.0	40.78	38.55	32.90	28.69	27.57	30.12	35.63	40.13
51.0	29.33	27.83	23.09	20.59	19.82	21.77	25.65	28.45
54.0	20.81	19.85	16.64	14.53	14.13	15.77	18.68	20.51
57.0	15.07	14.28	12.04	10.27	10.16	11.46	13.49	14.71
60.0	10.83	10.11	8.438	7.079	7.066	8.122	9.623	10.57
63.0	7.661	7.061	5.951	5.008	5.030	5.763	6.812	7.407
66.0	5.419	5.018	4.259	3.373	3.252	3.859	4.877	5.255
69.0	3.593	3.105	2.620	2.273	2.206	2.477	2.971	3.327
72.0	2.370	2.155	1.801	1.460	1.380	1.621	2.046	2.304
75.0	1.537	1.360	1.028	0.8360	0.8152	0.9081	1.194	1.442
78.0	0.9136	0.8287	0.6714	0.5643	0.5618	0.6135	0.7465	0.8628
81.0	0.6207	0.5708	0.4687	0.3824	0.3907	0.4274	0.5289	0.5872
84.0	0.4315	0.3932	0.3136	0.2573	0.2662	0.2952	0.3675	0.4100
87.0	0.3013	0.2668	0.1646	0.0538	0.0323	0.0662	0.2229	0.2837
90.0	0.0529	0.0180	0.0087	0.0058	0.0051	0.0055	0.0064	0.0235

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
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Operators: DAMIN  
Test Date: 2024-08-01

$\gamma$  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: