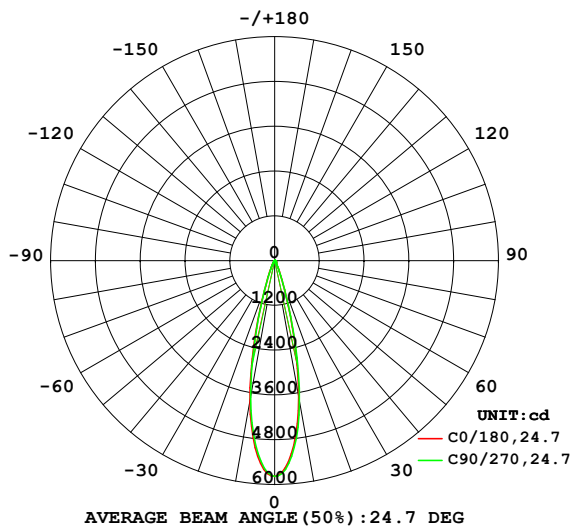


## LUMINAIRE PHOTOMETRIC TEST REPORT

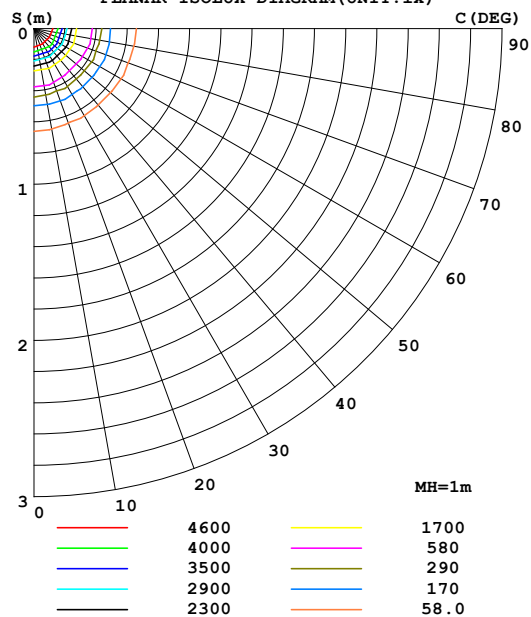
Test:U:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691 Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 93.85 lm/W
MODEL		I <sub>max</sub> (cd)	5782	S/MH (C0/180)		0.41
NOMINAL POWER(W)	13	LOR (%)	100.0	S/MH (C90/270)		0.40
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1219.2	η UP,DN (C0-180)		0.0,49.9
NOMINAL FLUX(lm)	1219.19	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.00
TEST VOLTAGE(V)	240.12	η 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: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

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	3719	3767	3849	3893	3831	3764	3722	3707	0- 10	452.1	452.1	37.1,37.1
20	673.1	658.3	659.2	728.3	726.7	727.6	692.9	693.0	10- 20	527.2	979.3	80.3,80.3
30	138.6	131.9	136.7	147.1	146.1	139.9	141.0	140.6	20- 30	142.7	1122	92,92
40	51.24	51.01	50.13	50.79	51.73	52.25	52.82	52.16	30- 40	52.73	1175	96.4,96.4
50	20.96	21.81	21.13	21.42	21.46	22.56	22.14	21.35	40- 50	26.62	1201	98.5,98.5
60	5.918	6.275	6.519	6.527	6.355	6.531	6.481	5.966	50- 60	11.43	1213	99.5,99.5
70	2.578	2.679	2.877	2.945	2.885	2.783	2.733	2.588	60- 70	4.164	1217	99.8,99.8
80	1.051	0.9929	0.9829	1.146	1.186	1.012	0.9016	0.9938	70- 80	1.933	1219	100,100
90	0.0560	0.0395	0.0653	0.0403	0.0407	0.0411	0.0518	0.0387	80- 90	0.3505	1219	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): 1190.2 lm

%lum = 97.6%

%lamp = 97.6%

Conical surface Flux(120deg): 1212.7 lm

%lum = 99.5%

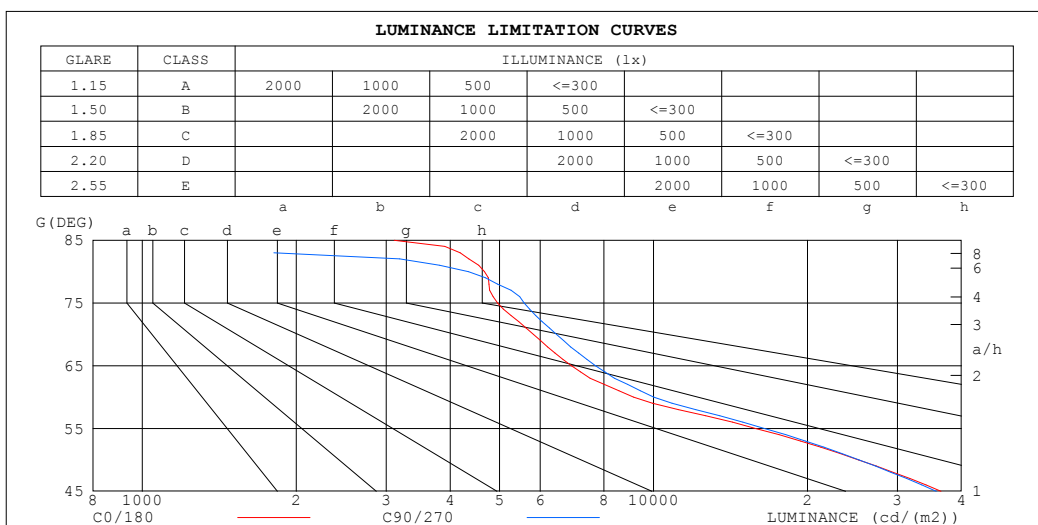
%lamp = 99.5%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2023-12-26

$\gamma$  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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691 Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



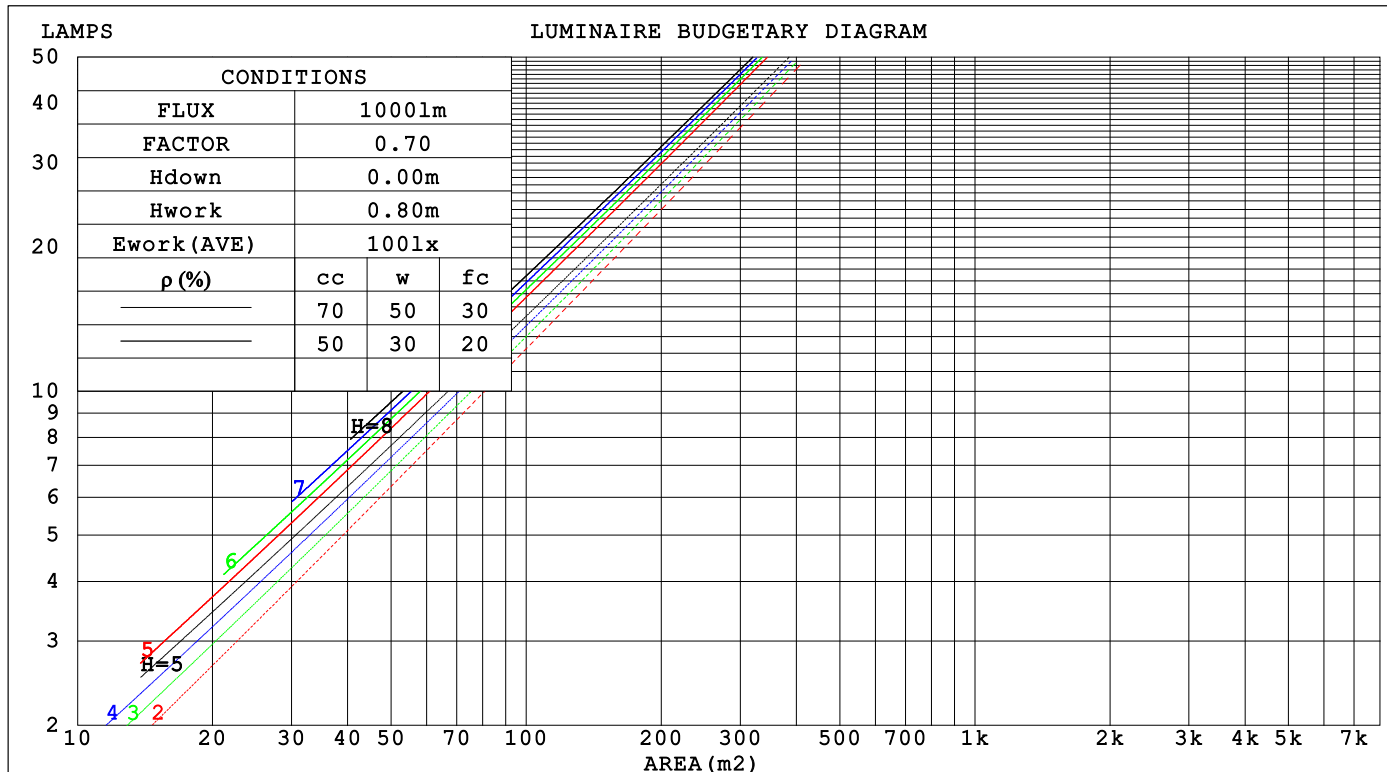
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

$\gamma$  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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691		
Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96														
2.0	1.07	1.04	1.02	1.06	1.03	1.01	1.03	1.00	.98	.00	.98	.96	.97	.96	.94	.93														
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.97	.94	.92	.95	.93	.91	.90														
4.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.94	.91	.89	.92	.90	.88	.87														
5.0	.95	.91	.88	.94	.90	.87	.92	.89	.87	.91	.88	.86	.90	.87	.85	.84														
6.0	.92	.87	.84	.91	.87	.84	.90	.86	.84	.88	.85	.83	.87	.85	.83	.82														
7.0	.89	.85	.82	.88	.84	.81	.87	.84	.81	.86	.83	.81	.85	.82	.80	.79														
8.0	.86	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77														
9.0	.84	.80	.77	.83	.79	.77	.82	.79	.76	.82	.78	.76	.81	.78	.76	.75														
10.0	.81	.77	.75	.81	.77	.75	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz			UTHDi:0.17% ITHDi:18.82% KDisp:0.9691			Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D			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	.139	.079	.025	.133	.076	.024	.120	.069	.022	.109	.063	.020	.098	.057	.018		
2.0	.129	.071	.022	.124	.068	.021	.114	.063	.020	.104	.058	.018	.095	.054	.017		
3.0	.120	.064	.019	.116	.062	.019	.107	.058	.018	.099	.055	.017	.092	.051	.016		
4.0	.113	.059	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015	.089	.048	.015		
5.0	.106	.054	.016	.103	.053	.015	.097	.050	.015	.091	.048	.014	.086	.046	.014		
6.0	.100	.050	.014	.097	.049	.014	.092	.047	.014	.087	.045	.013	.083	.043	.013		
7.0	.095	.047	.013	.093	.046	.013	.088	.044	.013	.084	.043	.012	.080	.041	.012		
8.0	.090	.044	.012	.088	.043	.012	.084	.042	.012	.080	.041	.012	.077	.039	.011		
9.0	.086	.042	.012	.084	.041	.012	.081	.040	.011	.077	.039	.011	.074	.038	.011		
10.0	.082	.040	.011	.081	.039	.011	.078	.038	.011	.075	.037	.011	.072	.036	.010		

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	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.104	.076	.055	.089	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.096	.067	.047	.083	.059	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.090	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004	
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz UTHDi:0.17% ITHDi:18.82% KDisp:0.9691Lamp Flux:1219.19x1 lm											
NAME: MD10-13-XX-04 4000K RA90 24D						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	15.5	16.1	15.7	16.3	16.4	15.5	16.1	15.7	16.3	16.5	
	3H	15.5	16.1	15.7	16.3	16.5	15.5	16.2	15.8	16.3	16.5
	4H	15.5	16.1	15.8	16.3	16.5	15.6	16.1	15.8	16.4	16.6
	6H	15.5	16.0	15.8	16.3	16.5	15.5	16.1	15.8	16.3	16.6
	8H	15.5	16.0	15.8	16.3	16.5	15.5	16.1	15.8	16.3	16.5
	12H	15.4	16.0	15.7	16.2	16.5	15.5	16.0	15.8	16.2	16.5
4H	2H	15.4	16.0	15.7	16.2	16.4	15.4	16.0	15.7	16.2	16.4
	3H	15.5	16.0	15.8	16.3	16.5	15.5	16.0	15.8	16.3	16.6
	4H	15.5	16.0	15.8	16.3	16.6	15.6	16.0	15.9	16.3	16.6
	6H	15.5	15.9	15.9	16.3	16.6	15.6	16.0	15.9	16.3	16.7
	8H	15.5	15.9	15.9	16.2	16.6	15.5	15.9	15.9	16.3	16.6
	12H	15.5	15.8	15.9	16.2	16.6	15.5	15.9	15.9	16.2	16.6
8H	4H	15.4	15.8	15.8	16.2	16.5	15.5	15.9	15.9	16.2	16.6
	6H	15.5	15.8	15.9	16.2	16.6	15.5	15.8	15.9	16.2	16.6
	8H	15.5	15.7	15.9	16.2	16.6	15.5	15.8	15.9	16.2	16.6
	12H	15.4	15.7	15.9	16.1	16.6	15.4	15.7	15.9	16.1	16.6
12H	4H	15.4	15.7	15.8	16.1	16.5	15.4	15.8	15.8	16.2	16.5
	6H	15.4	15.7	15.9	16.1	16.6	15.5	15.8	15.9	16.2	16.6
	8H	15.4	15.7	15.9	16.1	16.6	15.4	15.7	15.9	16.1	16.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 1.7 / - 3.2					+ 1.6 / - 3.0					
1.5H	+ 2.3 / - 2.4					+ 2.3 / - 2.3					
2.0H	+ 3.5 / - 3.4					+ 3.4 / - 3.4					

CIE Pub.117, 1219 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.7$ )  
Area: 0.0013 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

$\gamma$  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:

### UTILIZATION FACTORS TABLE

Test:U:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691 Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

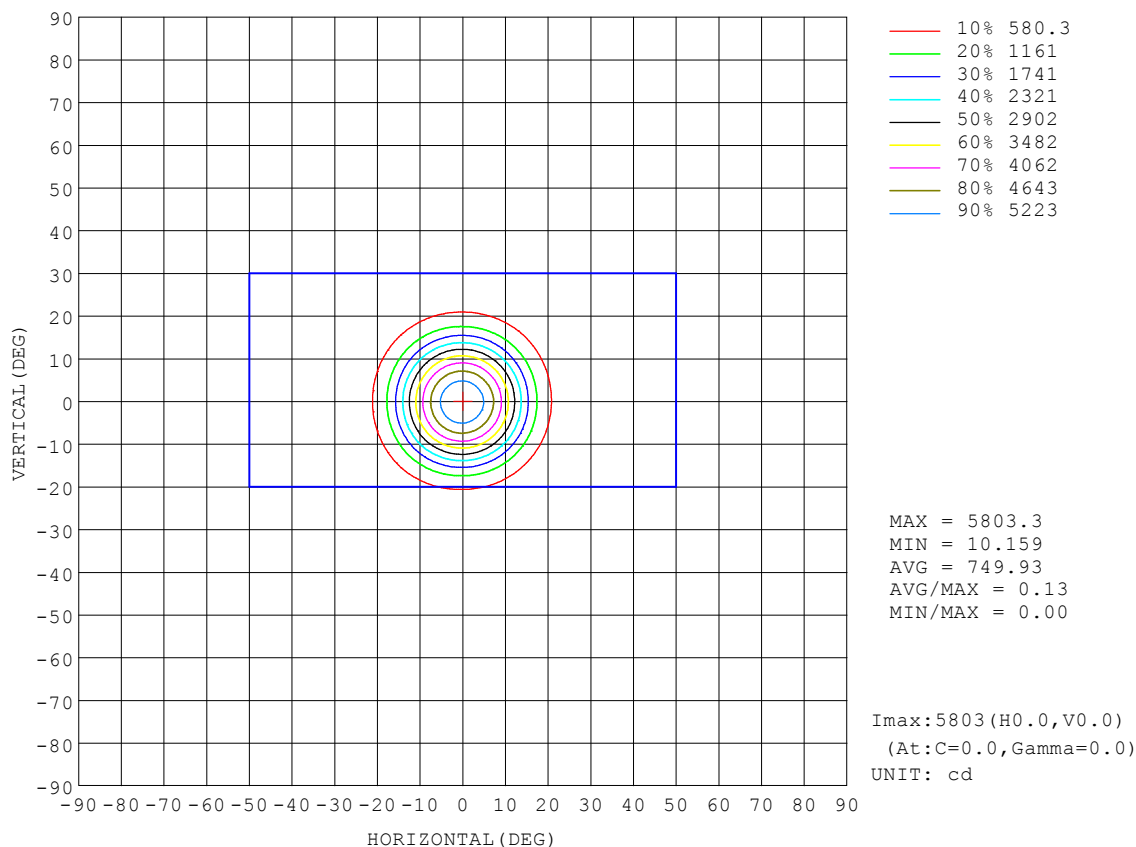
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	79	76
0.80	96	91	87	96	91	87	95	90	87	83
1.00	101	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	110	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: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

$\gamma$  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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691 Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



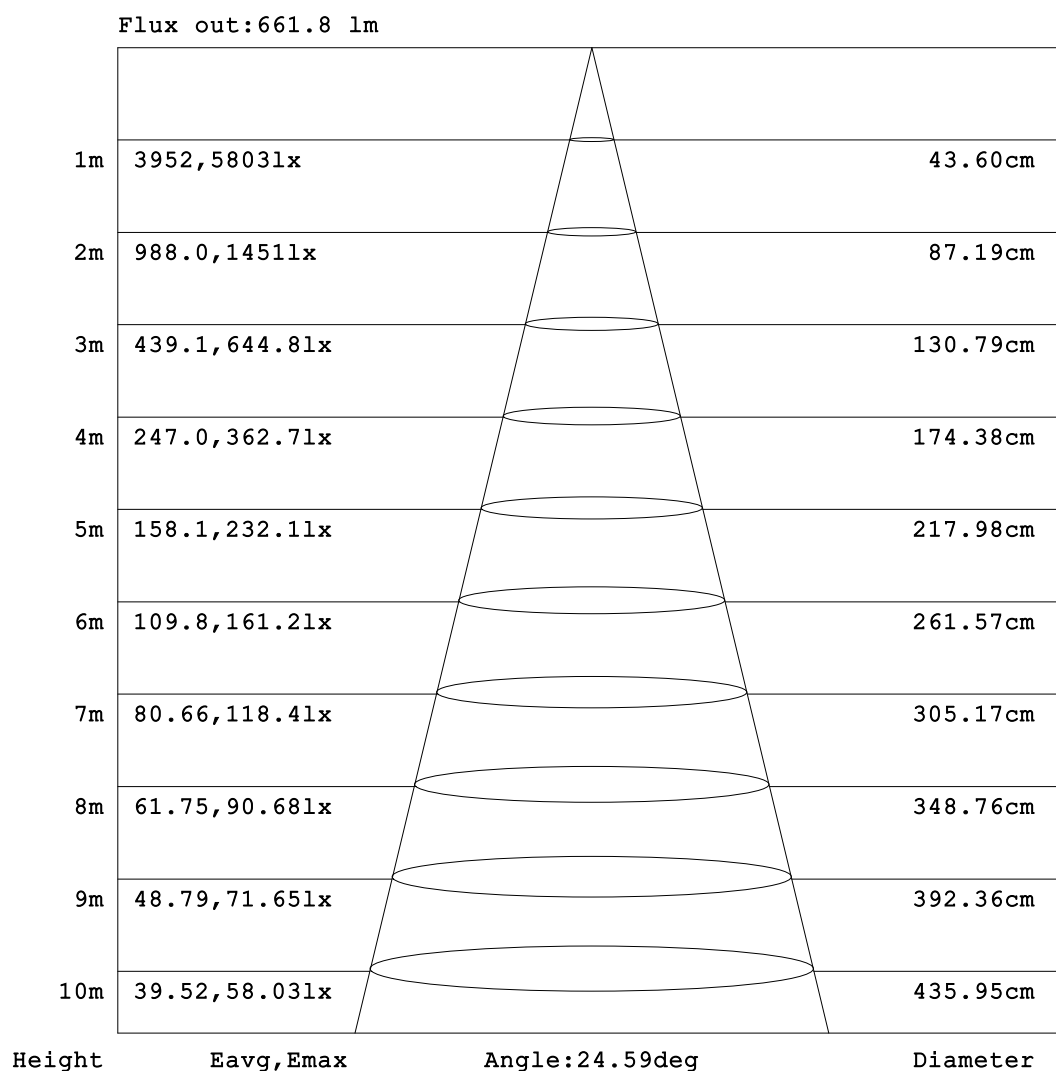
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691		Lamp Flux:1219.19x1 lm
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



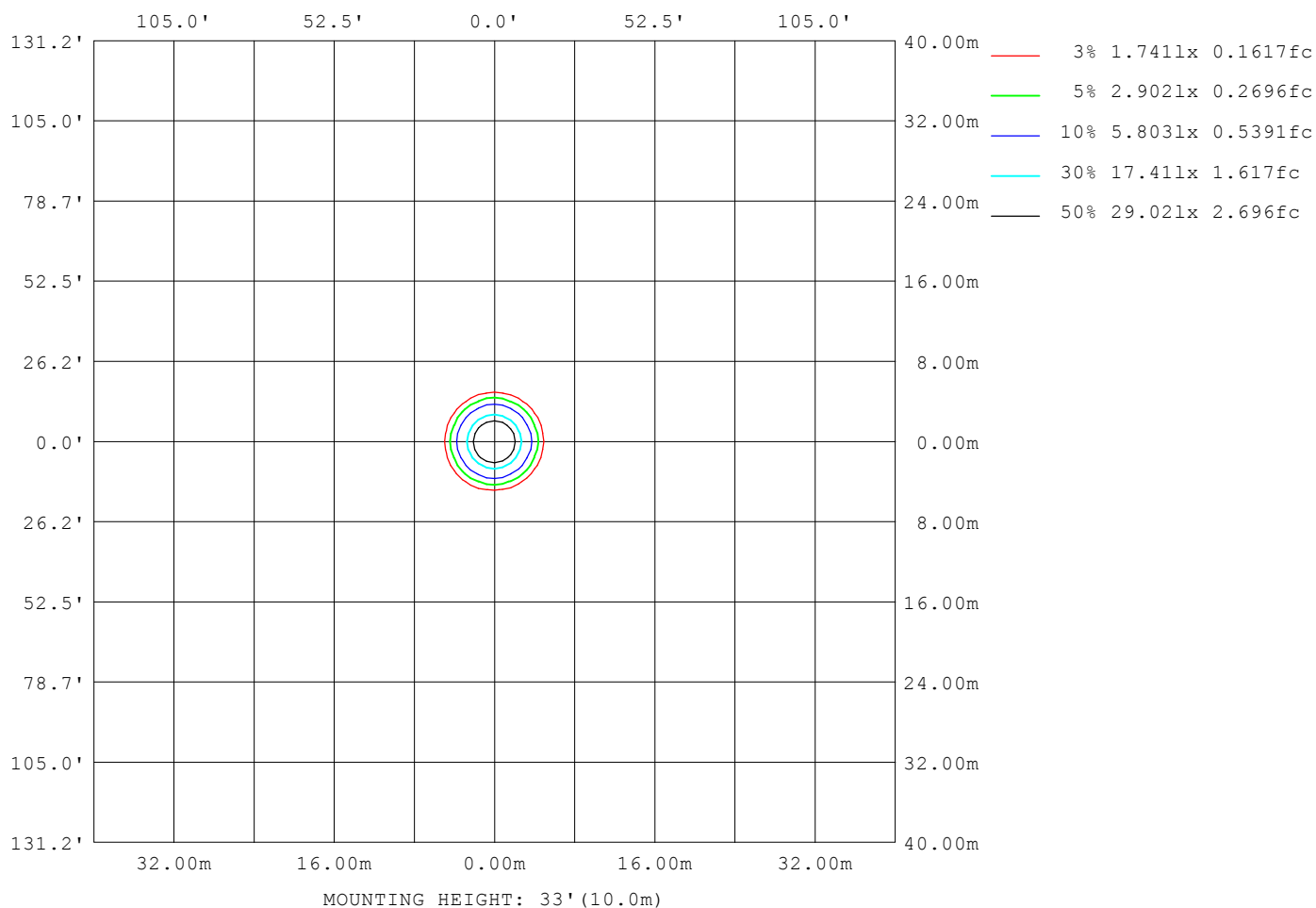
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691		Lamp Flux:1219.19x1 lm
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

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:240.2V I:0.0568A P:13.0W PF:0.9520 Freq:49.99Hz		
UTHDi:0.17% ITHDi:18.82% KDisp:0.9691 Lamp Flux:1219.19x1 lm		
NAME: MD10-13-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

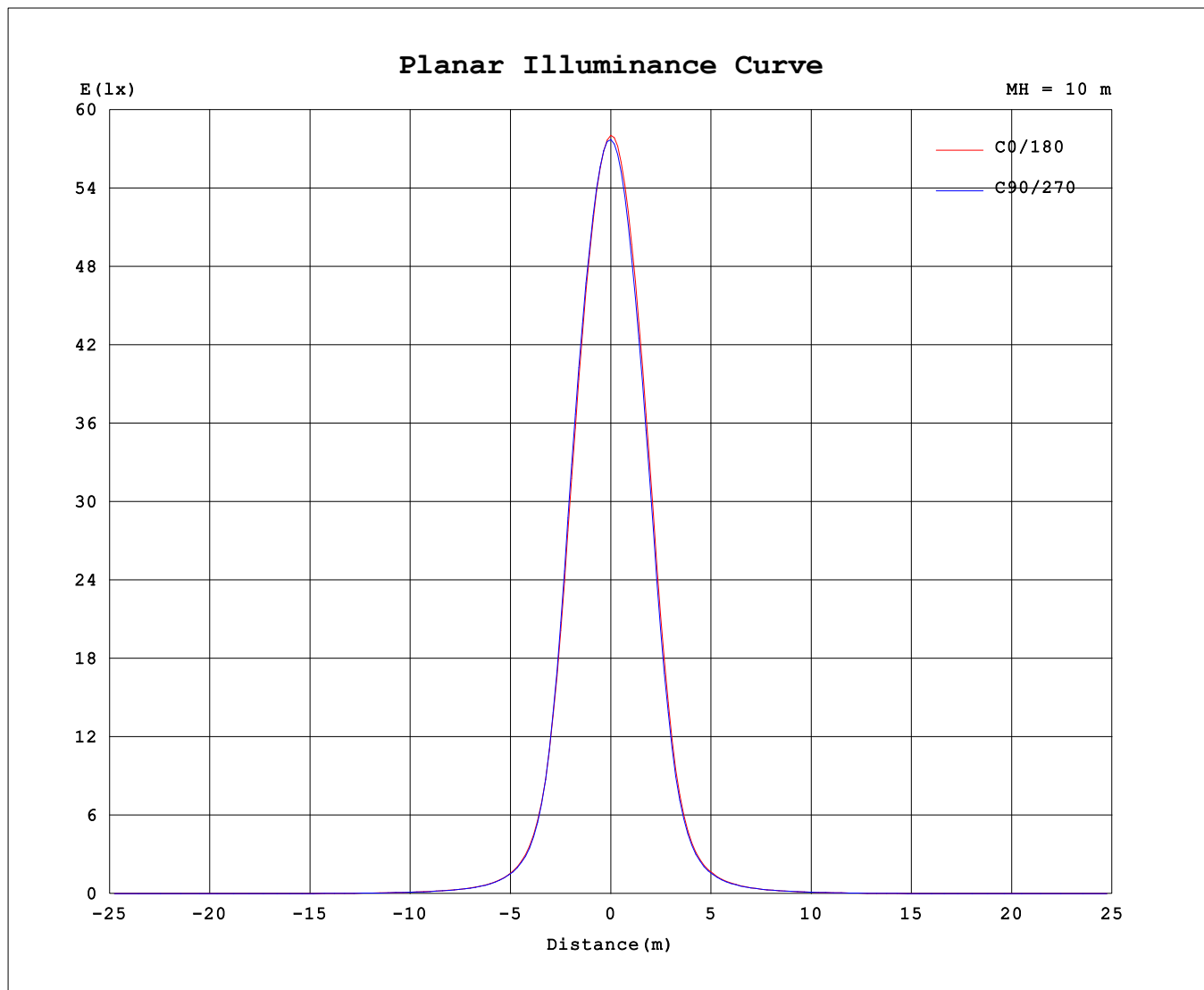
AvgL	cd/m2
L_0~180 (65) av	7251
L_0~180 (75) av	5277
L_0~180 (85) av	3648
L_90~270 (65) av	7598
L_90~270 (75) av	5426
L_90~270 (85) av	598
L_45 (65) av	7372
L_45 (75) av	5326
L_45 (85) av	412

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2023-12-26

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: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

$\gamma$  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	5782	5782	5782	5782	5782	5782	5782	5782
3.0	5558	5553	5599	5621	5601	5567	5558	5539
6.0	4965	4967	5030	5074	5034	4966	4947	4940
9.0	4072	4114	4188	4236	4171	4108	4064	4053
12.0	2958	3012	3081	3145	3088	3029	2974	2951
15.0	1843	1886	1900	2029	1982	1952	1876	1865
18.0	1016	1020	1019	1119	1100	1102	1045	1046
21.0	552.3	534.6	536.4	592.8	593.0	592.1	567.1	567.4
24.0	324.8	309.4	314.0	343.7	341.8	335.4	328.7	328.9
27.0	206.5	196.5	201.8	221.8	219.5	209.4	209.0	208.7
30.0	138.6	131.9	136.7	147.1	146.1	139.9	141.0	140.6
33.0	97.72	93.94	97.73	101.6	102.9	98.45	100.3	99.32
36.0	72.98	70.77	71.95	73.15	75.33	73.56	74.91	73.97
39.0	55.89	55.24	54.80	55.36	56.68	56.82	57.53	56.74
42.0	43.19	43.45	42.25	42.90	43.34	44.32	44.67	44.16
45.0	33.42	34.20	32.87	33.39	33.49	34.81	34.83	34.44
48.0	25.51	26.42	25.42	25.79	25.85	27.10	26.76	26.12
51.0	18.89	19.76	19.14	19.46	19.53	20.42	20.02	19.14
54.0	13.40	14.06	13.89	14.01	14.08	14.75	14.41	13.53
57.0	8.923	9.442	9.563	9.649	9.525	10.02	9.747	9.029
60.0	5.918	6.275	6.519	6.527	6.355	6.531	6.481	5.966
63.0	4.419	4.652	4.958	5.013	4.873	4.847	4.839	4.438
66.0	3.503	3.658	3.923	3.987	3.883	3.819	3.794	3.530
69.0	2.788	2.889	3.110	3.178	3.112	3.018	2.973	2.801
72.0	2.182	2.270	2.435	2.504	2.454	2.353	2.301	2.197
75.0	1.660	1.738	1.881	1.946	1.891	1.791	1.770	1.694
78.0	1.283	1.288	1.342	1.479	1.446	1.334	1.238	1.293
81.0	0.9226	0.8179	0.7777	0.9723	1.058	0.8371	0.6930	0.8187
84.0	0.5284	0.2670	0.0752	0.2943	0.6256	0.2705	0.0695	0.1356
87.0	0.0746	0.0347	0.0682	0.0397	0.0698	0.0404	0.0657	0.0371
90.0	0.0560	0.0395	0.0653	0.0403	0.0407	0.0411	0.0518	0.0387

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Remarks: