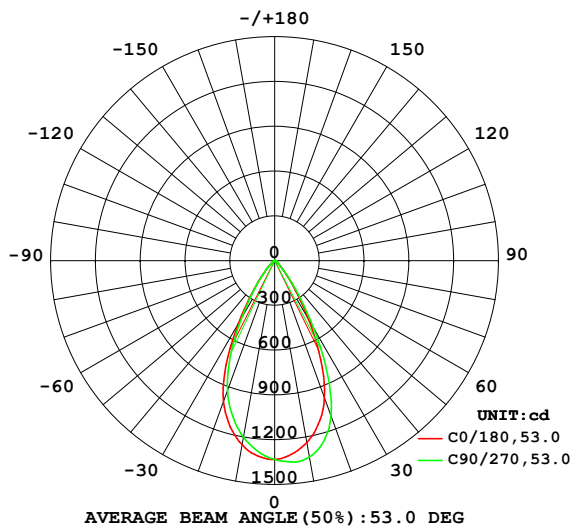


## LUMINAIRE PHOTOMETRIC TEST REPORT

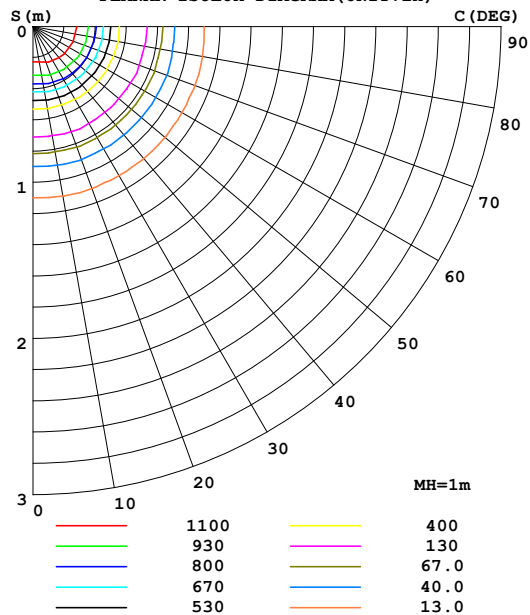
Test:U:240.2V I:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 79.99 lm/W
MODEL		I <sub>max</sub> (cd)	1355	S/MH (C0/180)		0.81
NOMINAL POWER(W)	13	LOR (%)	100.0	S/MH (C90/270)		0.78
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1041.3	η UP,DN (C0-180)		0.0,51.9
NOMINAL FLUX(lm)	1041.34	CIE CLASS	DIRECT	η UP,DN (C180-360)		0.0,48.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.75
TEST VOLTAGE(V)	240.15	η down (%)	100.0	CIBSE SHR MAX		0.85

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:2023-12-26

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	1239	1309	1336	1303	1253	1221	1202	1207	0- 10	123.6	123.6	11.9,11.9
20	977.1	1065	1106	1087	1004	958.2	926.3	938.7	10- 20	322.6	446.3	42.9,42.9
30	456.4	502.8	524.9	539.8	487.3	470.5	444.9	446.5	20- 30	344.6	790.9	75.9,75.9
40	125.9	133.9	137.9	144.3	135.3	131.7	129.7	125.8	30- 40	170.3	961.1	92.3,92.3
50	30.23	30.17	29.61	31.40	31.96	32.06	31.48	30.30	40- 50	53.62	1015	97.4,97.4
60	10.52	10.73	10.84	11.39	11.31	11.34	11.09	10.72	50- 60	16.65	1031	99,99
70	3.981	4.147	4.318	4.451	4.448	4.497	4.345	4.100	60- 70	7.045	1038	99.7,99.7
80	0.8857	0.8829	0.8105	0.9755	1.132	1.094	0.8526	0.8728	70- 80	2.631	1041	100,100
90	0.0423	0.0376	0.0441	0.0380	0.0365	0.0360	0.0418	0.0361	80- 90	0.2556	1041	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): 996.25 lm

%lum = 95.7%

%lamp = 95.7%

Conical surface Flux(120deg): 1031.4 lm

%lum = 99.0%

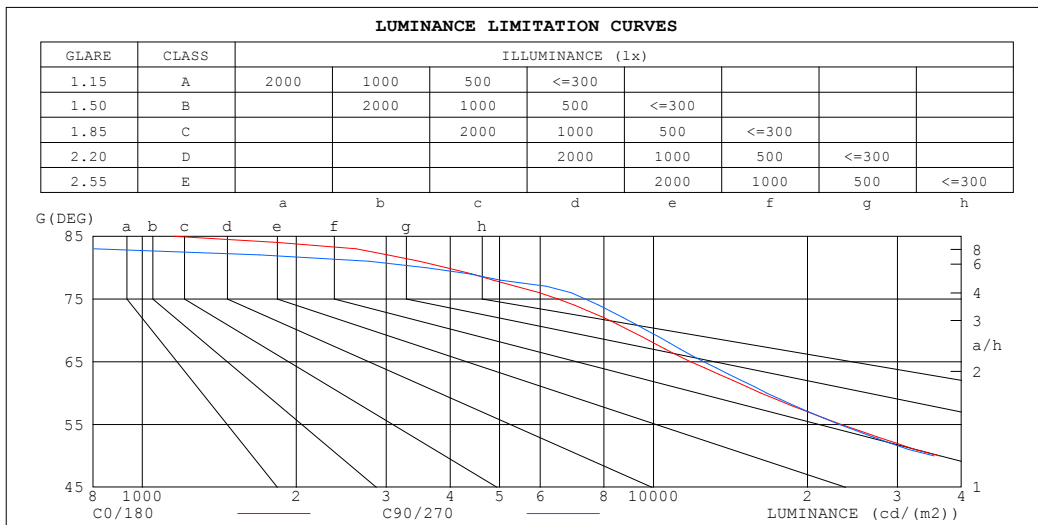
%lamp = 99.0%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



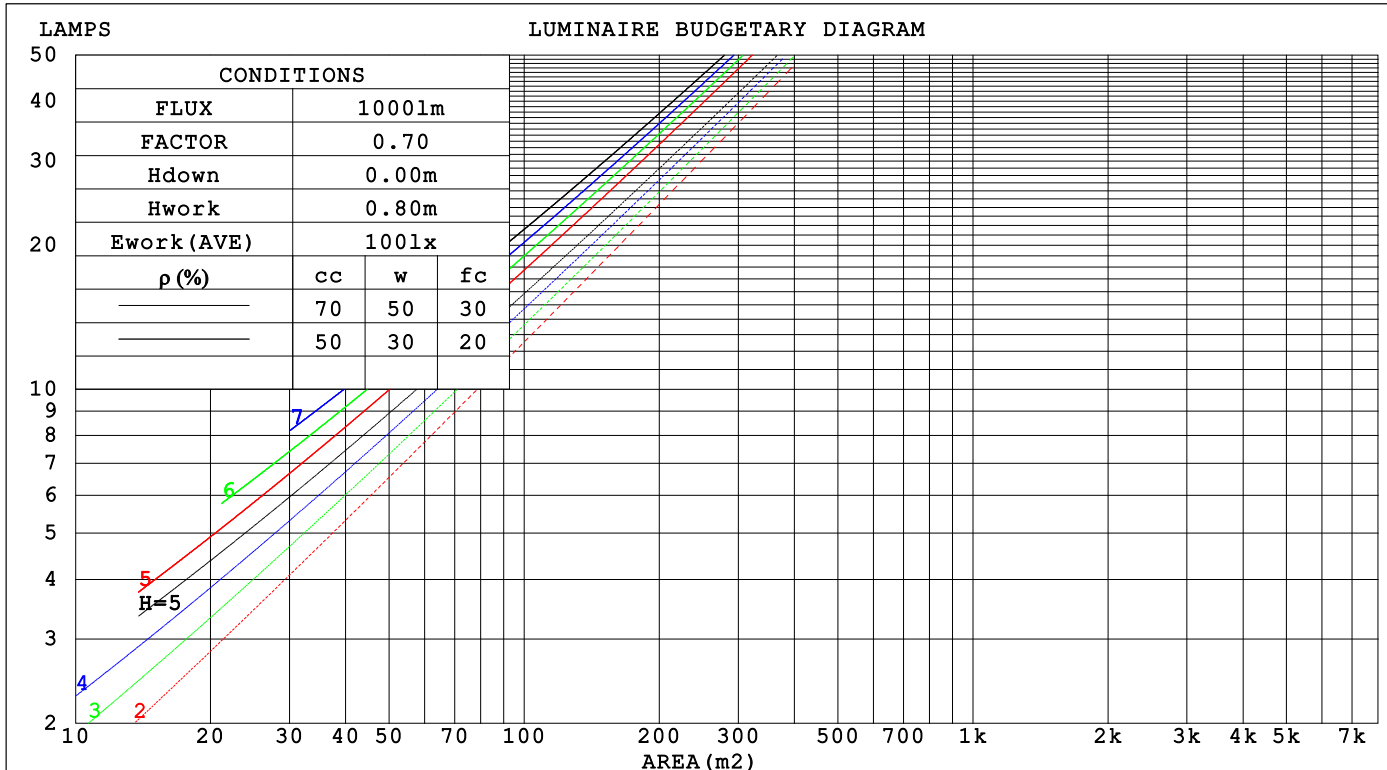
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-26

$\gamma$  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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690		Lamp Flux:1041.34x1 lm
NAME: MD10-13-XX-04 2700K RA90 50D	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	1.11	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.82
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz			UTHDi:0.18% ITHDi:18.76% KDisp:0.9690			Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D			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	.175	.100	.032	.169	.096	.031	.156	.090	.029	.145	.083	.027	.134	.078	.025		
2.0	.168	.092	.028	.162	.089	.027	.151	.084	.026	.142	.080	.025	.133	.075	.024		
3.0	.159	.085	.025	.155	.083	.025	.146	.079	.024	.137	.075	.023	.130	.072	.022		
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.133	.071	.021	.126	.068	.021		
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.021	.128	.067	.020	.122	.065	.020		
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018		
7.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.119	.061	.018	.114	.059	.017		
8.0	.126	.061	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.016		
9.0	.121	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016		
10.0	.116	.055	.015	.114	.055	.015	.110	.054	.015	.106	.053	.015	.103	.052	.015		

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	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013		
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011		
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.045	.045	.035	.026	.015	.011	.009		
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007		
6.0	.117	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006		
7.0	.110	.070	.042	.095	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005		
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004		
9.0	.099	.059	.032	.085	.051	.027	.059	.036	.020	.034	.021	.012	.011	.007	.004		
10.0	.095	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm										
NAME: MD10-13-XX-04 2700K RA90 50D					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	22.3	23.2	22.5	23.4	23.5	22.7	23.6	22.9	23.8	24.0
3H	22.2	23.0	22.4	23.2	23.4	22.6	23.5	22.9	23.7	23.9
4H	22.1	22.9	22.4	23.1	23.4	22.5	23.3	22.8	23.6	23.8
6H	22.0	22.8	22.3	23.0	23.3	22.5	23.2	22.8	23.5	23.7
8H	22.0	22.7	22.3	23.0	23.2	22.4	23.1	22.7	23.4	23.7
12H	22.0	22.6	22.3	22.9	23.2	22.4	23.1	22.7	23.3	23.6
4H 2H	22.1	22.9	22.4	23.1	23.3	22.5	23.3	22.8	23.5	23.7
3H	22.0	22.7	22.3	23.0	23.2	22.4	23.1	22.7	23.4	23.7
4H	22.0	22.6	22.3	22.9	23.2	22.4	23.0	22.7	23.3	23.6
6H	21.9	22.4	22.3	22.8	23.1	22.3	22.8	22.7	23.2	23.5
8H	21.8	22.3	22.2	22.7	23.1	22.2	22.8	22.6	23.1	23.5
12H	21.8	22.2	22.2	22.6	23.0	22.2	22.7	22.6	23.0	23.4
8H 4H	21.8	22.3	22.2	22.7	23.1	22.2	22.8	22.6	23.1	23.5
6H	21.8	22.2	22.2	22.6	23.0	22.2	22.6	22.6	23.0	23.4
8H	21.7	22.1	22.1	22.5	22.9	22.1	22.5	22.6	22.9	23.3
12H	21.6	22.0	22.1	22.4	22.9	22.1	22.4	22.5	22.8	23.3
12H 4H	21.8	22.2	22.2	22.6	23.0	22.2	22.7	22.6	23.0	23.4
6H	21.7	22.1	22.1	22.5	22.9	22.1	22.5	22.6	22.9	23.3
8H	21.6	22.0	22.1	22.4	22.9	22.1	22.4	22.5	22.8	23.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.7 / - 6.1					+ 3.0 / - 6.4				
1.5H	+ 4.5 / - 5.0					+ 4.9 / - 5.3				
2.0H	+ 4.7 / - 3.6					+ 4.8 / - 3.5				

CIE Pub.117, 1041 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.1$ )  
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: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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

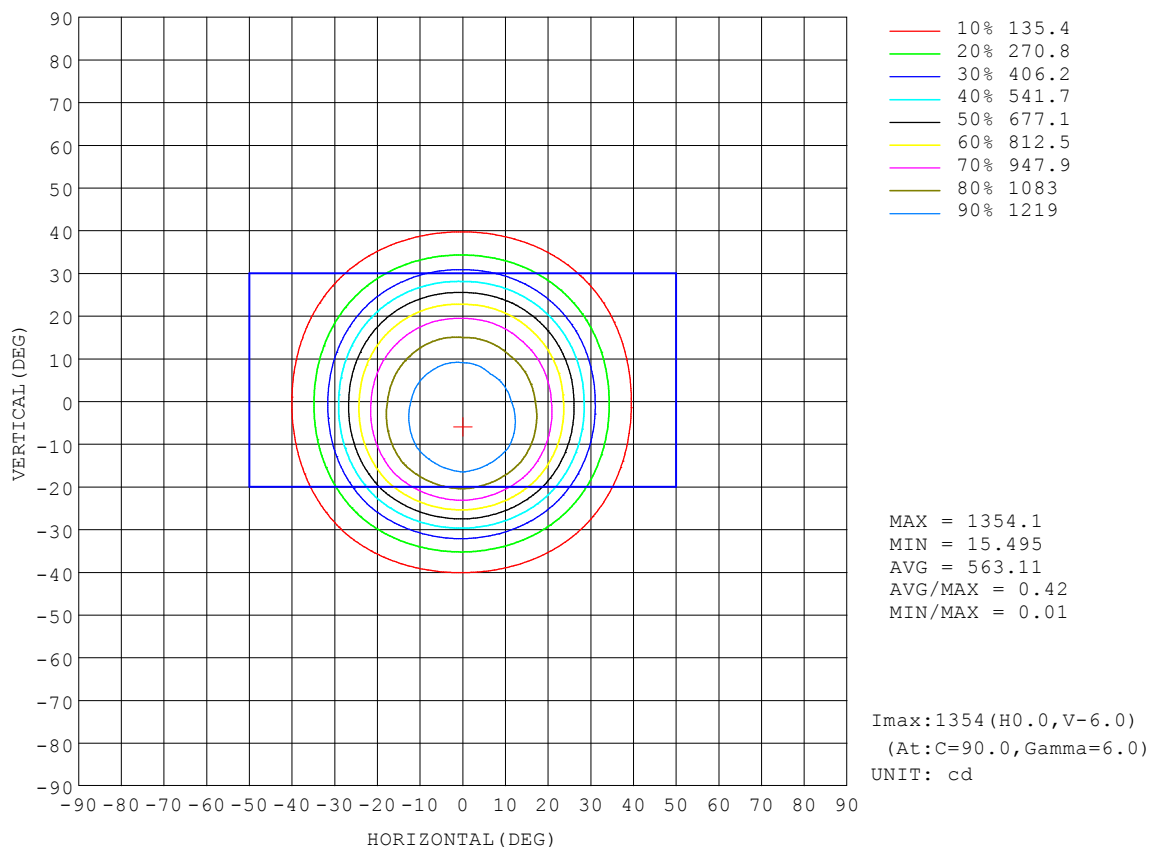
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	94	88	84	92	87	84	80
1.00	99	93	89	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	100	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	109	107	106	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: 2023-12-26

$\gamma$  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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



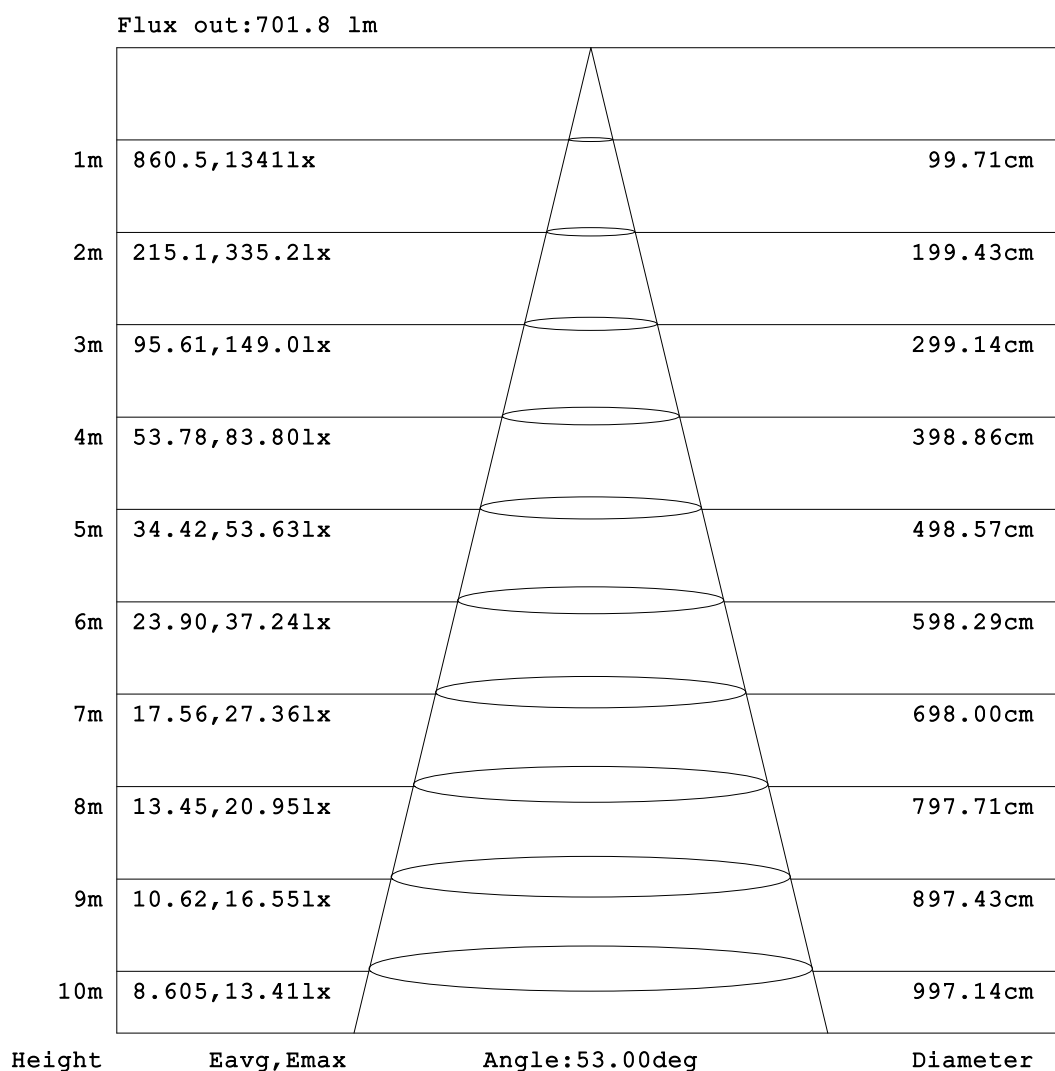
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-26

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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690		Lamp Flux:1041.34x1 lm
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



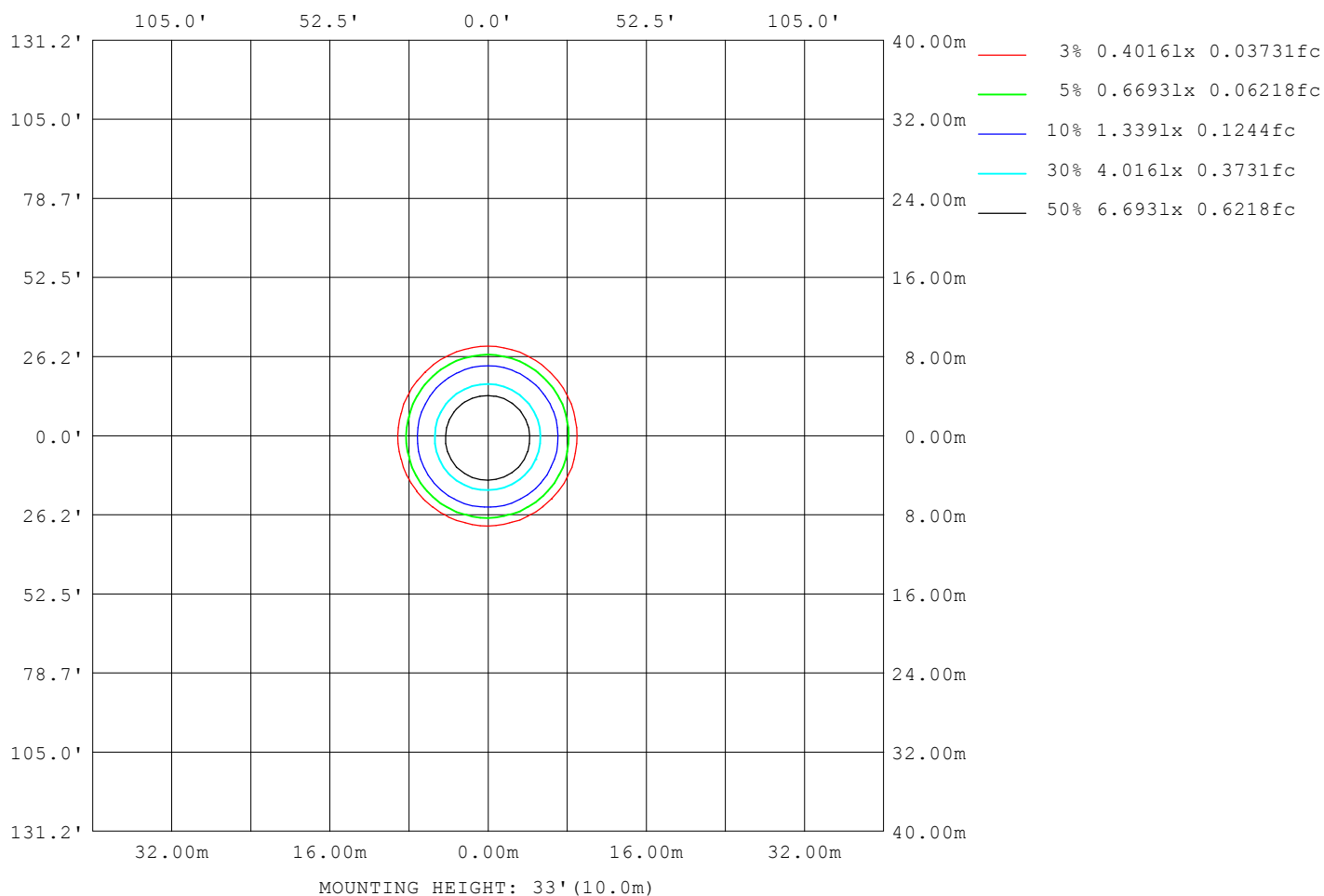
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	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:2023-12-26

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:0.0569A P:13.0W PF:0.9522 Freq:49.99Hz		
UTHDi:0.18% ITHDi:18.76% KDisp:0.9690 Lamp Flux:1041.34x1 lm		
NAME: MD10-13-XX-04 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

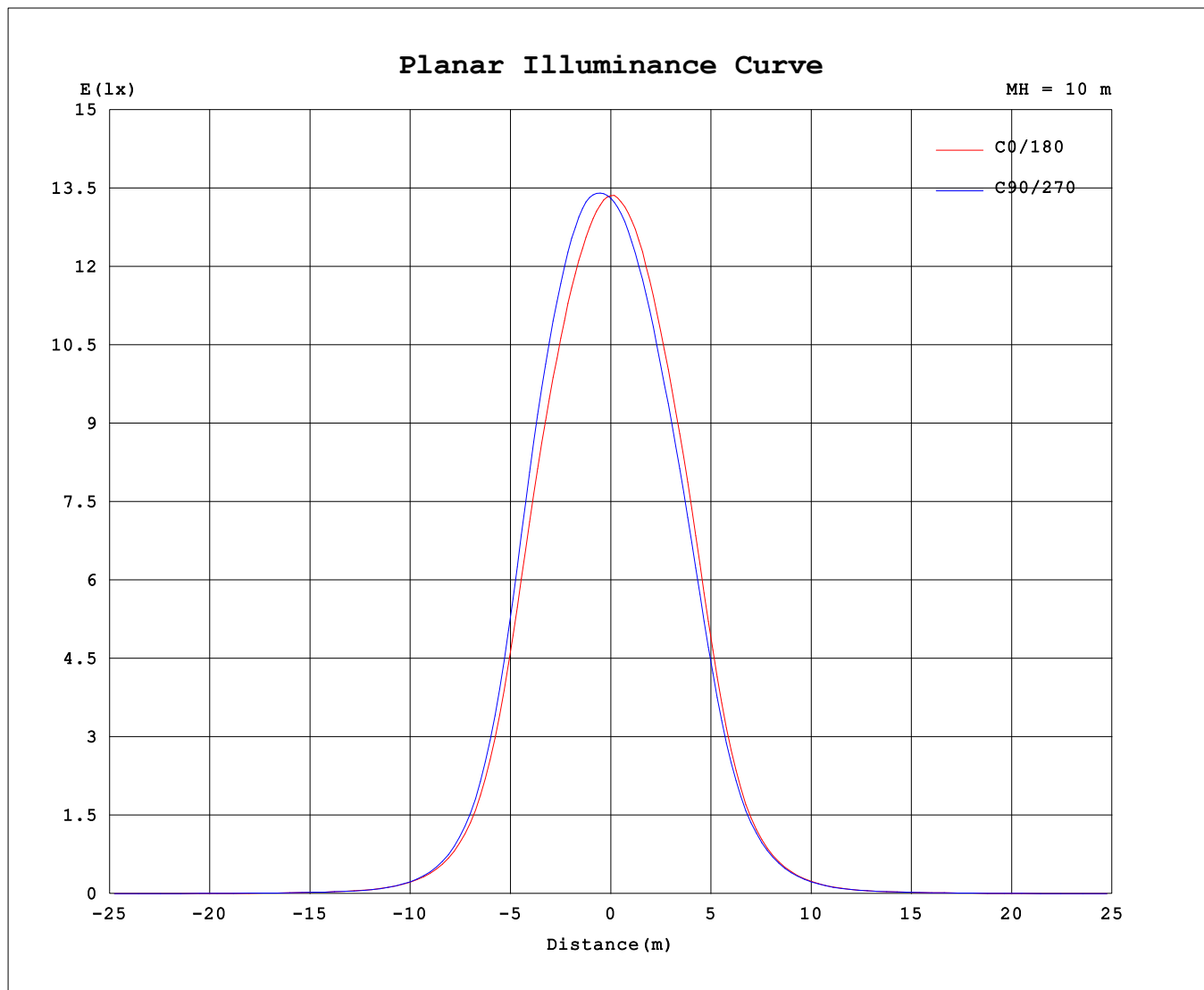
AvgL	cd/m2
L_0~180 (65) av	12368
L_0~180 (75) av	7107
L_0~180 (85) av	1627
L_90~270 (65) av	12569
L_90~270 (75) av	7470
L_90~270 (85) av	410
L_45 (65) av	12557
L_45 (75) av	7329
L_45 (85) av	334

Standard: GB/T 29293-2012

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

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: 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	1332	1332	1332	1332	1332	1332	1332	1332
3.0	1319	1338	1348	1340	1325	1313	1308	1307
6.0	1293	1336	1355	1336	1306	1279	1269	1268
9.0	1254	1318	1345	1314	1271	1237	1221	1224
12.0	1204	1282	1313	1279	1218	1184	1159	1167
15.0	1134	1223	1259	1226	1152	1113	1083	1094
18.0	1049	1138	1179	1151	1069	1025	996.3	1006
21.0	935.7	1023	1062	1049	965.0	920.4	885.6	899.5
24.0	788.6	868.4	902.3	904.5	823.9	790.4	750.9	763.7
27.0	620.1	685.2	712.8	725.9	657.8	633.8	597.5	605.1
30.0	456.4	502.8	524.9	539.8	487.3	470.5	444.9	446.5
33.0	318.2	348.9	365.2	376.8	340.5	329.3	315.1	313.4
36.0	216.1	233.6	244.7	253.0	231.7	224.8	219.8	214.7
39.0	144.3	154.2	159.8	166.5	155.2	150.7	148.6	144.2
42.0	94.72	100.5	101.8	107.2	102.4	100.1	98.48	95.88
45.0	62.75	64.89	65.00	67.85	66.75	66.22	64.33	62.06
48.0	40.58	41.13	40.58	42.80	42.91	43.01	41.93	40.29
51.0	26.51	26.33	25.83	27.34	27.74	27.86	27.56	26.60
54.0	19.27	19.33	19.06	20.23	20.27	20.16	20.15	19.49
57.0	14.13	14.23	14.25	15.05	14.98	15.01	14.80	14.36
60.0	10.52	10.73	10.84	11.39	11.31	11.34	11.09	10.72
63.0	7.894	8.104	8.292	8.610	8.582	8.656	8.374	8.038
66.0	5.870	6.077	6.281	6.485	6.462	6.513	6.272	5.979
69.0	4.404	4.577	4.768	4.905	4.900	4.949	4.779	4.518
72.0	3.203	3.349	3.505	3.619	3.635	3.687	3.555	3.333
75.0	2.183	2.319	2.476	2.558	2.600	2.647	2.550	2.340
78.0	1.309	1.389	1.358	1.624	1.685	1.710	1.463	1.412
81.0	0.7063	0.6655	0.5660	0.7190	0.9178	0.8333	0.5837	0.6333
84.0	0.2481	0.1147	0.0519	0.1130	0.4023	0.1355	0.0466	0.0662
87.0	0.0500	0.0279	0.0463	0.0329	0.0465	0.0334	0.0457	0.0338
90.0	0.0423	0.0376	0.0441	0.0380	0.0365	0.0360	0.0418	0.0361

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