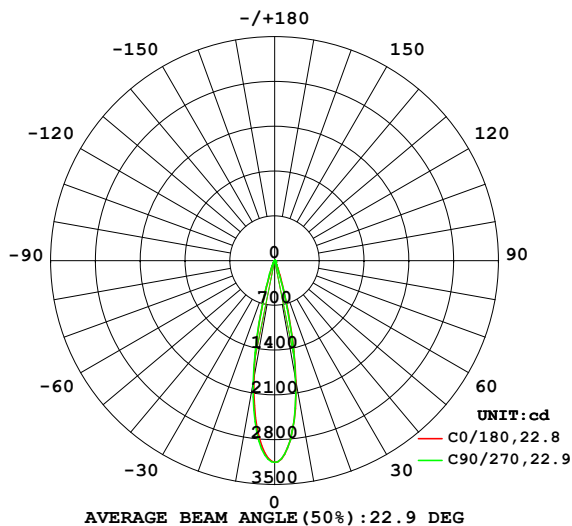


## LUMINAIRE PHOTOMETRIC TEST REPORT

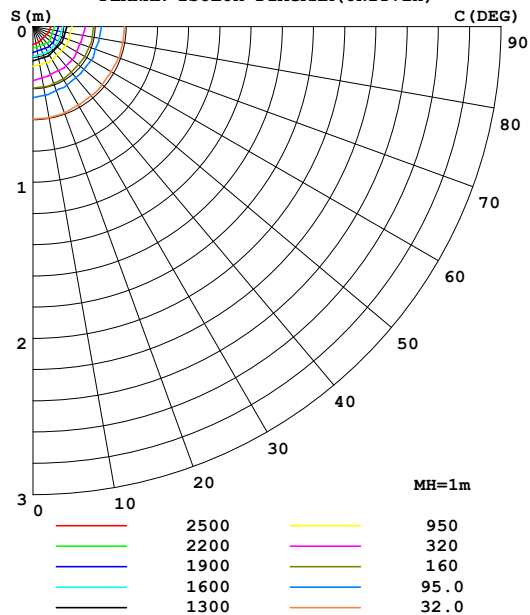
Test:U:240.3V I:0.0265A P:5.5W PF:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.56 lm/W			
MODEL		I <sub>max</sub> (cd)	3155	S/MH(C0/180)	0.37
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.38
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	559.32	η UP,DN(C0-180)	0.0,49.3
NOMINAL FLUX(lm)	559.324	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.29	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:2023-12-20

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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1914	1889	1900	1892	1882	1888	1933	1926	0- 10	239.0	239.0	42.7,42.7
20	249.9	226.0	218.4	235.3	240.1	248.3	269.2	263.5	10- 20	229.8	468.8	83.8,83.8
30	53.37	49.84	50.56	53.10	52.73	53.46	55.86	55.85	20- 30	50.93	519.7	92.9,92.9
40	21.14	19.94	19.56	19.59	20.31	21.22	22.63	22.24	30- 40	20.58	540.3	96.6,96.6
50	9.395	9.039	8.657	8.681	8.950	10.02	10.24	9.984	40- 50	11.09	551.4	98.6,98.6
60	2.714	2.662	2.780	2.851	2.828	2.952	3.076	2.861	50- 60	5.045	556.4	99.5,99.5
70	1.187	1.171	1.245	1.297	1.287	1.272	1.301	1.256	60- 70	1.880	558.3	99.8,99.8
80	0.4464	0.3956	0.3912	0.4610	0.4793	0.4446	0.4300	0.4791	70- 80	0.8644	559.2	100,100
90	0.0193	0.0087	0.0212	0.0096	0.0125	0.0077	0.0151	0.0077	80- 90	0.1428	559.3	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): 546.68 lm

%lum = 97.7%

%lamp = 97.7%

Conical surface Flux(120deg): 556.44 lm

%lum = 99.5%

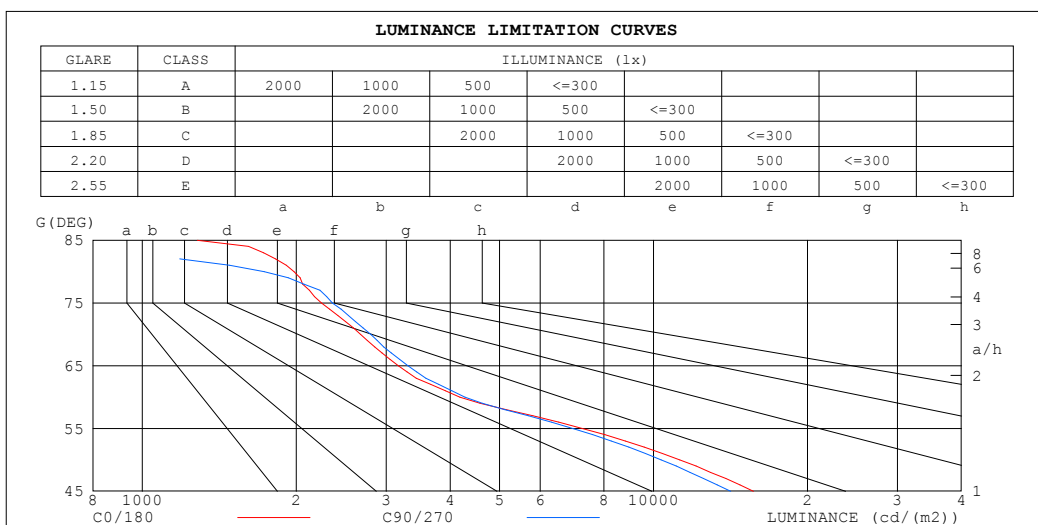
%lamp = 99.5%

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

$\gamma$  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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



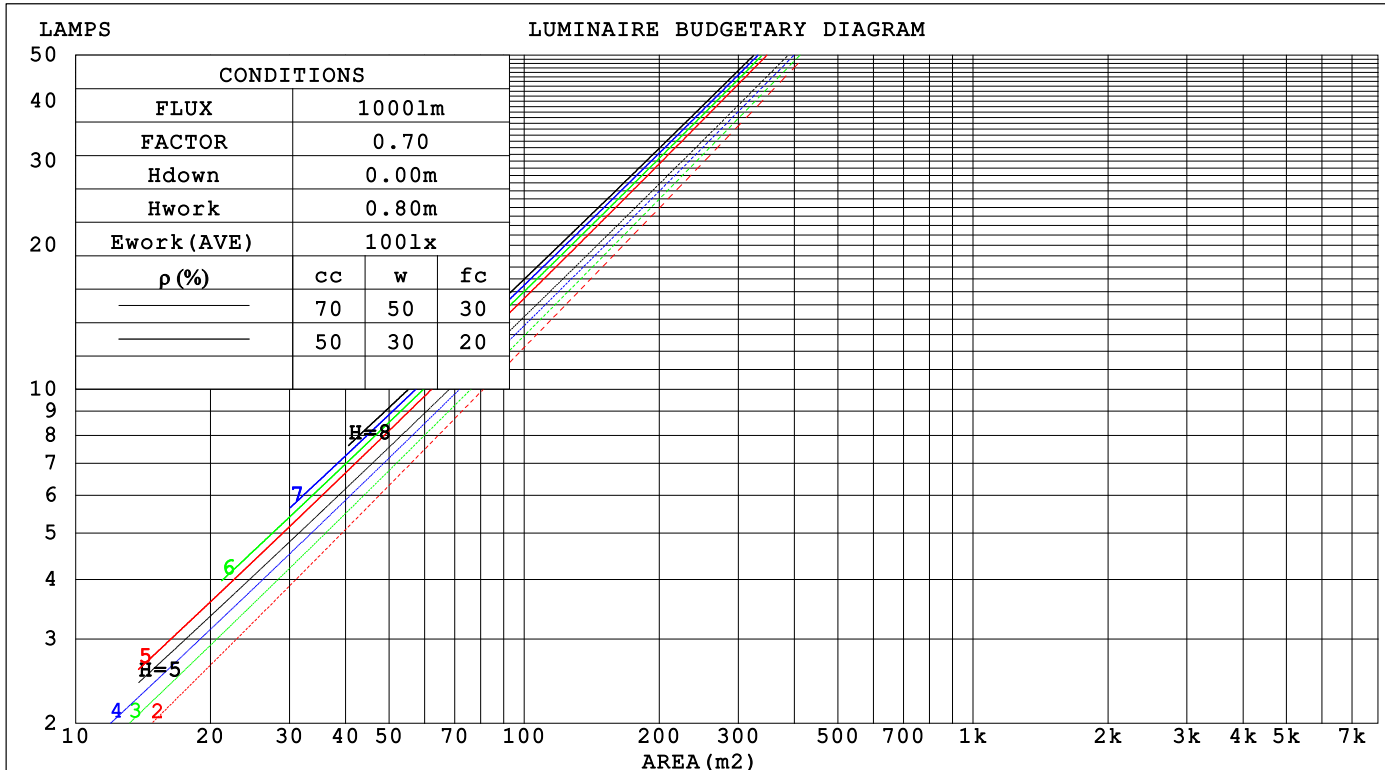
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-12-20

$\gamma$  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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931		Lamp Flux:559.324x1 lm
NAME: MD10-06-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															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	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97														
2.0	1.08	1.05	1.02	1.06	1.04	1.01	1.03	1.01	.99	1.00	.99	.97	.98	.96	.95	.94														
3.0	1.03	.00	.97	1.02	.99	.96	.00	.97	.95	.97	.95	.93	.95	.94	.92	.91														
4.0	.00	.96	.93	.99	.95	.92	.97	.94	.91	.95	.92	.90	.93	.91	.89	.88														
5.0	.96	.92	.89	.95	.92	.89	.94	.91	.88	.92	.90	.88	.91	.89	.87	.86														
6.0	.93	.89	.86	.93	.89	.86	.91	.88	.86	.90	.87	.85	.89	.86	.84	.83														
7.0	.91	.87	.84	.90	.86	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81														
8.0	.88	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.81	.85	.82	.80	.79														
9.0	.86	.82	.79	.85	.82	.79	.85	.81	.79	.84	.81	.79	.83	.81	.79	.78														
10.0	.84	.80	.77	.83	.80	.77	.83	.79	.77	.82	.79	.77	.82	.79	.77	.76														



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 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:0.8660 Freq:49.99Hz			UTHDi:0.18% ITHDi:24.92% KDisp:0.8931			Lamp Flux:559.324x1 lm		
NAME: MD10-06-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	.134	.076	.024	.128	.073	.023	.115	.066	.021	.104	.060	.019	.094	.054	.017		
2.0	.124	.068	.021	.119	.065	.020	.109	.060	.019	.099	.056	.017	.091	.051	.016		
3.0	.115	.061	.018	.111	.059	.018	.102	.056	.017	.095	.052	.016	.087	.048	.015		
4.0	.108	.056	.016	.104	.054	.016	.097	.051	.015	.090	.048	.015	.084	.046	.014		
5.0	.101	.051	.015	.098	.050	.015	.092	.048	.014	.086	.045	.014	.081	.043	.013		
6.0	.095	.048	.014	.092	.047	.013	.087	.045	.013	.082	.043	.013	.078	.041	.012		
7.0	.090	.045	.013	.088	.044	.012	.083	.042	.012	.079	.040	.012	.075	.039	.011		
8.0	.086	.042	.012	.083	.041	.012	.080	.040	.011	.076	.038	.011	.072	.037	.011		
9.0	.081	.039	.011	.080	.039	.011	.076	.038	.011	.073	.037	.010	.070	.035	.010		
10.0	.078	.037	.010	.076	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.150	.133	.118	.128	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014		
3.0	.135	.113	.096	.115	.098	.083	.079	.068	.058	.046	.040	.034	.015	.013	.011		
4.0	.122	.098	.079	.105	.085	.069	.072	.059	.049	.042	.035	.029	.013	.011	.009		
5.0	.111	.085	.066	.096	.074	.058	.066	.052	.041	.038	.030	.024	.012	.010	.008		
6.0	.102	.075	.056	.088	.065	.049	.061	.046	.035	.035	.027	.021	.011	.009	.007		
7.0	.094	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006		
8.0	.088	.060	.041	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005		
9.0	.082	.055	.036	.071	.047	.032	.049	.033	.022	.028	.020	.013	.009	.006	.004		
10.0	.077	.050	.032	.066	.043	.028	.046	.030	.020	.027	.018	.012	.009	.006	.004		

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

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:0.8660 Freq:49.99Hz UTHDi:0.18% ITHDi:24.92% KDisp:0.8931Lamp Flux:559.324x1 lm										
NAME: MD10-06-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	12.0	12.7	12.2	12.8	12.9	11.8	12.4	12.0	12.6	12.7
3H	12.1	12.7	12.3	12.9	13.0	11.9	12.5	12.1	12.7	12.8
4H	12.1	12.7	12.4	12.9	13.1	11.9	12.5	12.2	12.7	12.9
6H	12.1	12.6	12.4	12.9	13.1	11.9	12.4	12.2	12.7	12.9
8H	12.1	12.6	12.4	12.8	13.1	11.9	12.4	12.2	12.6	12.9
12H	12.1	12.5	12.4	12.8	13.1	11.8	12.3	12.1	12.6	12.8
4H 2H	12.0	12.5	12.2	12.7	13.0	11.8	12.3	12.0	12.5	12.7
3H	12.1	12.6	12.4	12.8	13.1	11.9	12.4	12.2	12.7	12.9
4H	12.1	12.6	12.5	12.9	13.2	12.0	12.4	12.3	12.7	13.0
6H	12.1	12.5	12.5	12.9	13.2	12.0	12.4	12.3	12.7	13.0
8H	12.1	12.5	12.5	12.9	13.2	11.9	12.3	12.3	12.7	13.0
12H	12.1	12.4	12.5	12.8	13.2	11.9	12.2	12.3	12.6	13.0
8H 4H	12.0	12.4	12.4	12.8	13.1	11.9	12.3	12.3	12.6	13.0
6H	12.1	12.4	12.5	12.8	13.2	11.9	12.2	12.3	12.6	13.0
8H	12.1	12.4	12.5	12.8	13.2	11.9	12.2	12.3	12.6	13.0
12H	12.1	12.3	12.5	12.7	13.2	11.8	12.1	12.3	12.5	13.0
12H 4H	12.0	12.3	12.4	12.7	13.1	11.8	12.2	12.2	12.5	12.9
6H	12.0	12.3	12.5	12.7	13.2	11.9	12.2	12.3	12.6	13.0
8H	12.0	12.3	12.5	12.7	13.2	11.8	12.1	12.3	12.5	13.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.6 / - 2.7					+ 1.5 / - 2.7				
1.5H	+ 2.1 / - 2.2					+ 2.0 / - 2.0				
2.0H	+ 3.4 / - 3.4					+ 3.1 / - 3.2				

CIE Pub.117, 559.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.0)  
Area: 0.0013 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

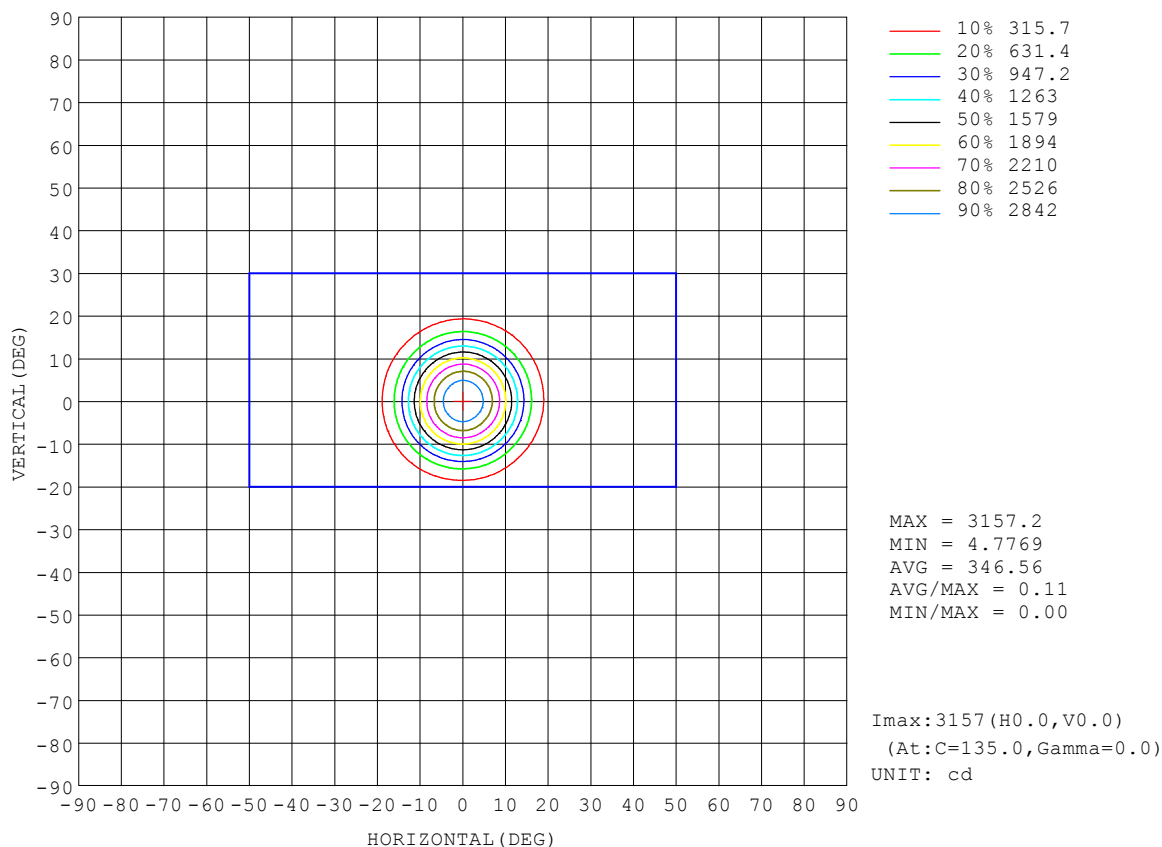
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
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	104	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	106	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	112	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:2023-12-20

$\gamma$  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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



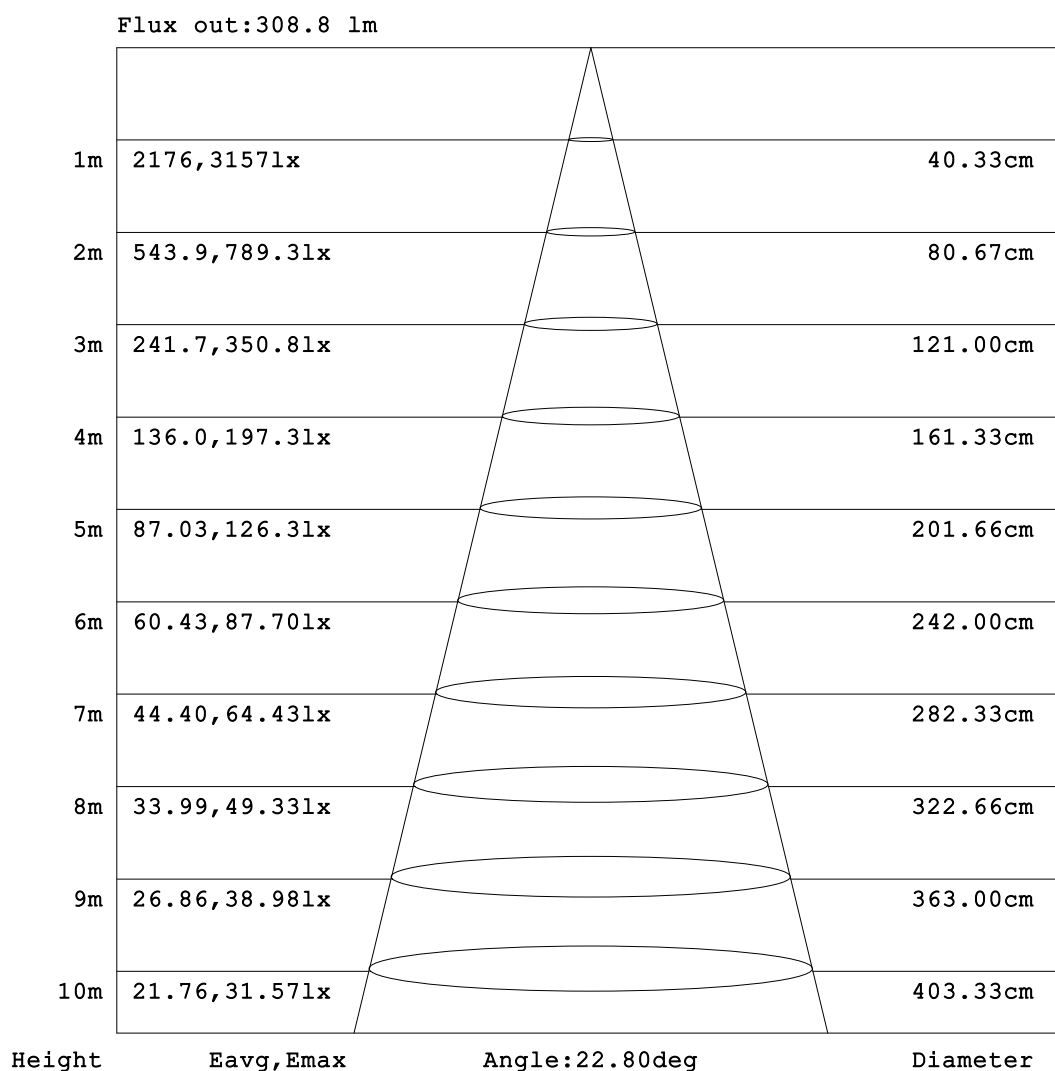
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-12-20

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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:



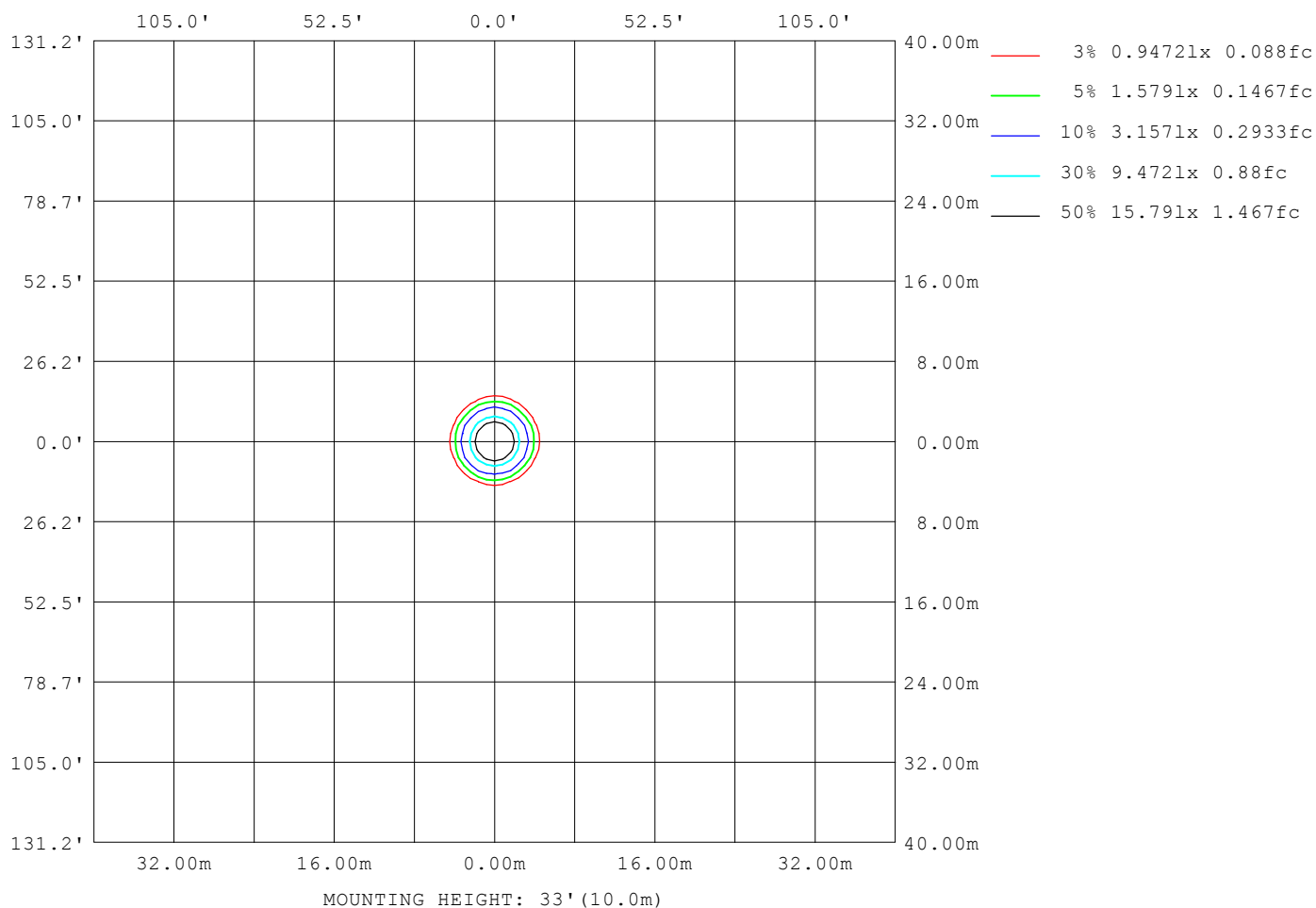
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-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:2023-12-20

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:0.8660 Freq:49.99Hz		
UTHDi:0.18% ITHDi:24.92% KDisp:0.8931 Lamp Flux:559.324x1 lm		
NAME: MD10-06-XX-04 4000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 41mm	Shielding Angle:

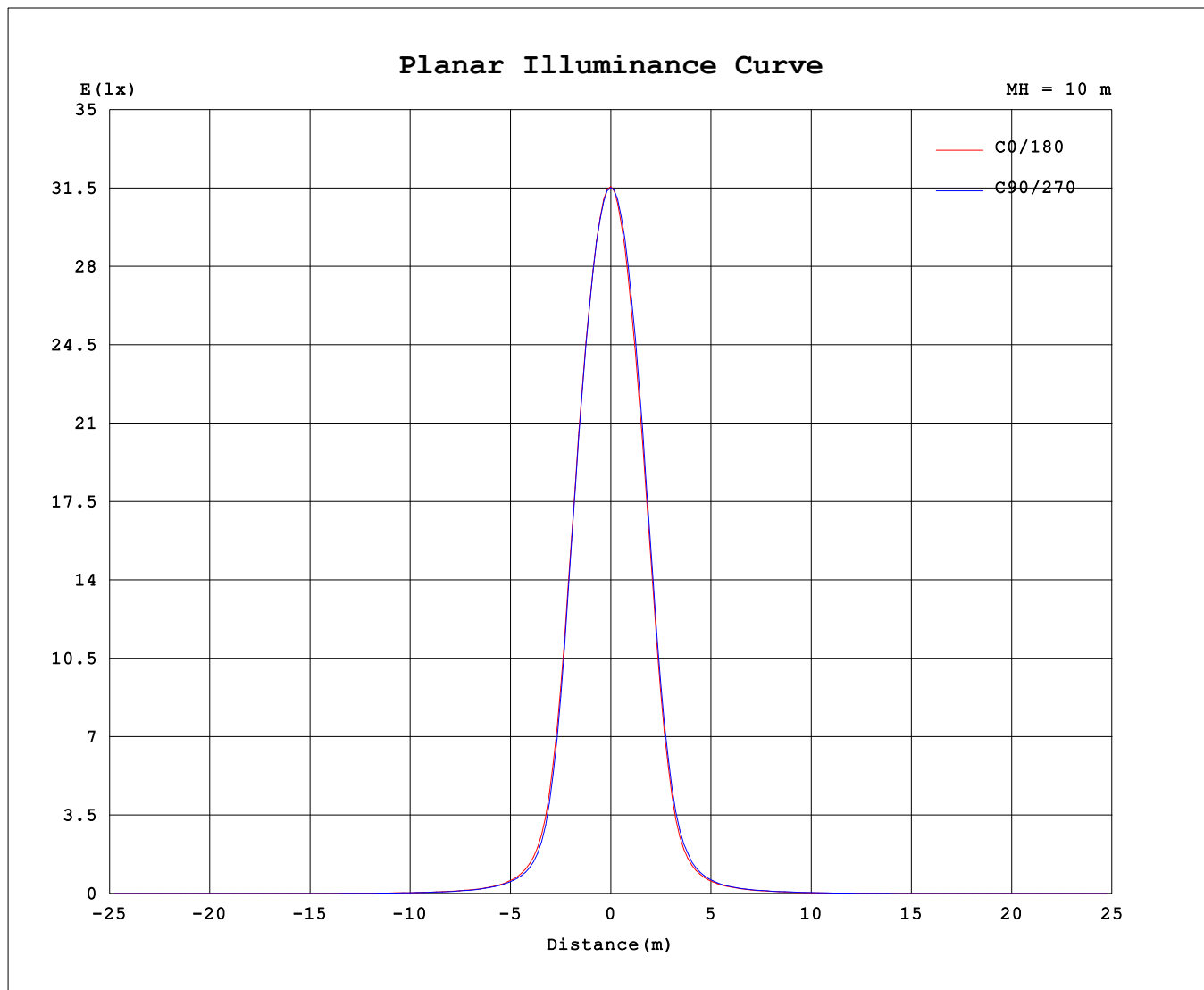
AvgL	cd/m2
L_0~180 (65) av	3288
L_0~180 (75) av	2347
L_0~180 (85) av	1385
L_90~270 (65) av	3421
L_90~270 (75) av	2423
L_90~270 (85) av	182
L_45 (65) av	3326
L_45 (75) av	2382
L_45 (85) av	99

Standard: GB/T 29293-2012

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

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: MEDIUM  
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	3155	3155	3155	3155	3155	3155	3155	3155
3.0	3030	3022	3029	3019	3005	3016	3041	3034
6.0	2675	2654	2674	2652	2634	2652	2694	2688
9.0	2137	2106	2124	2109	2093	2106	2158	2148
12.0	1452	1415	1425	1427	1428	1431	1475	1458
15.0	817.6	761.8	767.9	791.8	801.0	807.1	847.5	830.0
18.0	399.1	352.7	355.8	379.6	388.0	398.6	426.7	415.0
21.0	203.6	178.1	177.2	191.3	194.5	200.4	224.3	213.9
24.0	119.8	107.6	106.1	114.2	114.6	117.6	126.5	124.6
27.0	77.78	71.52	71.69	75.81	75.31	77.20	81.30	80.82
30.0	53.37	49.84	50.56	53.10	52.73	53.46	55.86	55.85
33.0	38.44	36.04	36.67	37.87	38.36	38.53	40.60	40.47
36.0	29.12	27.32	27.57	27.69	28.79	29.08	31.02	30.59
39.0	22.83	21.53	21.26	21.17	22.13	22.89	24.47	23.97
42.0	18.13	17.09	16.57	16.64	17.22	18.30	19.53	19.16
45.0	14.41	13.63	13.01	13.11	13.52	14.79	15.56	15.32
48.0	11.24	10.77	10.26	10.30	10.63	11.86	12.25	11.97
51.0	8.509	8.204	7.895	7.915	8.154	9.113	9.308	9.033
54.0	6.128	5.925	5.816	5.834	5.975	6.630	6.790	6.503
57.0	4.110	3.988	4.033	4.083	4.116	4.496	4.651	4.368
60.0	2.714	2.662	2.780	2.851	2.828	2.952	3.076	2.861
63.0	2.027	1.992	2.119	2.202	2.179	2.197	2.288	2.140
66.0	1.611	1.585	1.685	1.758	1.738	1.727	1.795	1.707
69.0	1.282	1.264	1.343	1.402	1.390	1.369	1.415	1.358
72.0	1.003	0.9871	1.050	1.099	1.093	1.082	1.095	1.066
75.0	0.7534	0.7321	0.7927	0.8367	0.8260	0.8186	0.8378	0.8189
78.0	0.5564	0.5325	0.5604	0.6179	0.6082	0.5972	0.5902	0.6195
81.0	0.3889	0.3227	0.3015	0.3832	0.4162	0.3658	0.3392	0.4041
84.0	0.2192	0.0812	0.0247	0.1317	0.2274	0.1051	0.0222	0.1236
87.0	0.0276	0.0055	0.0225	0.0090	0.0209	0.0080	0.0206	0.0071
90.0	0.0193	0.0087	0.0212	0.0096	0.0125	0.0077	0.0151	0.0077

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