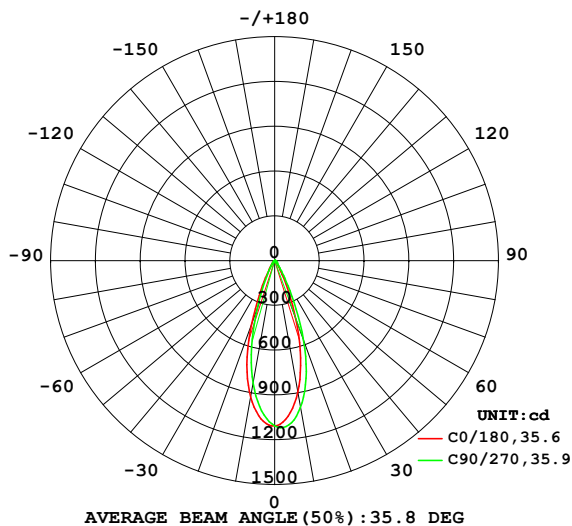


## LUMINAIRE PHOTOMETRIC TEST REPORT

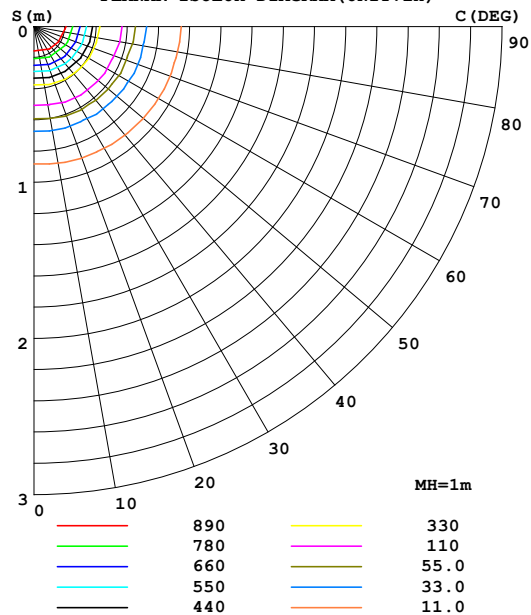
Test:U:240.3V I:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 81.32 lm/W
MODEL		I <sub>max</sub> (cd)	1119	S/MH(C0/180)		0.57
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)		0.52
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	451.56	η UP,DN(C0-180)		0.0,55.2
NOMINAL FLUX(lm)	451.559	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,44.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	240.23	η down (%)	100.0	CIBSE SHR MAX		0.60

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: 2024-03-16

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	895.3	953.9	998.8	990.4	927.7	865.1	837.4	849.5	0- 10	96.28	96.28	21.3,21.3
20	419.6	503.8	569.3	548.5	453.8	368.1	343.0	355.8	10- 20	189.8	286.1	63.4,63.4
30	92.43	113.9	138.4	125.5	96.66	80.22	78.05	77.36	20- 30	106.3	392.4	86.9,86.9
40	29.08	33.70	38.35	36.07	30.36	27.27	26.33	26.11	30- 40	34.33	426.7	94.5,94.5
50	10.89	13.05	14.44	14.10	11.69	10.10	8.857	9.217	40- 50	15.19	441.9	97.9,97.9
60	3.727	4.375	4.619	4.526	3.824	3.209	3.034	3.030	50- 60	6.206	448.1	99.2,99.2
70	1.249	1.492	1.592	1.544	1.299	1.074	0.9906	0.9715	60- 70	2.319	450.4	99.7,99.7
80	0.5475	0.6113	0.6282	0.6187	0.5971	0.5182	0.4700	0.4671	70- 80	0.8836	451.3	99.9,99.9
90	0.0090	0.0042	0.0109	0.0035	0.0035	0.0061	0.0071	0.0042	80- 90	0.2736	451.6	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): 435.78 lm

%lum = 96.5%

%lamp = 96.5%

Conical surface Flux(120deg): 448.08 lm

%lum = 99.2%

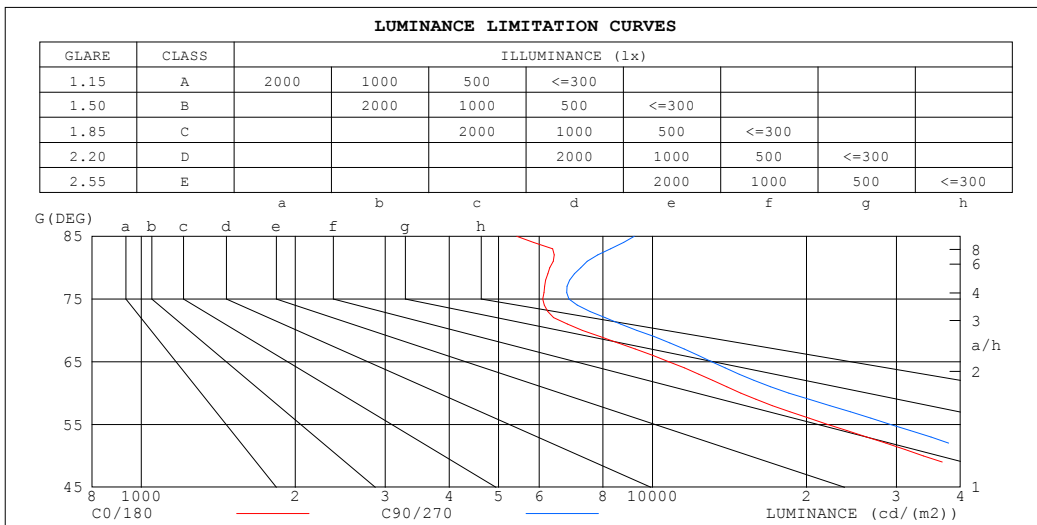
%lamp = 99.2%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-03-16

$\gamma$  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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5425	9214
80	6296	7241
75	6096	6862
70	7291	9318
65	10759	13060
60	14887	18491
55	22034	29215
50	33840	44963
45	51263	67265

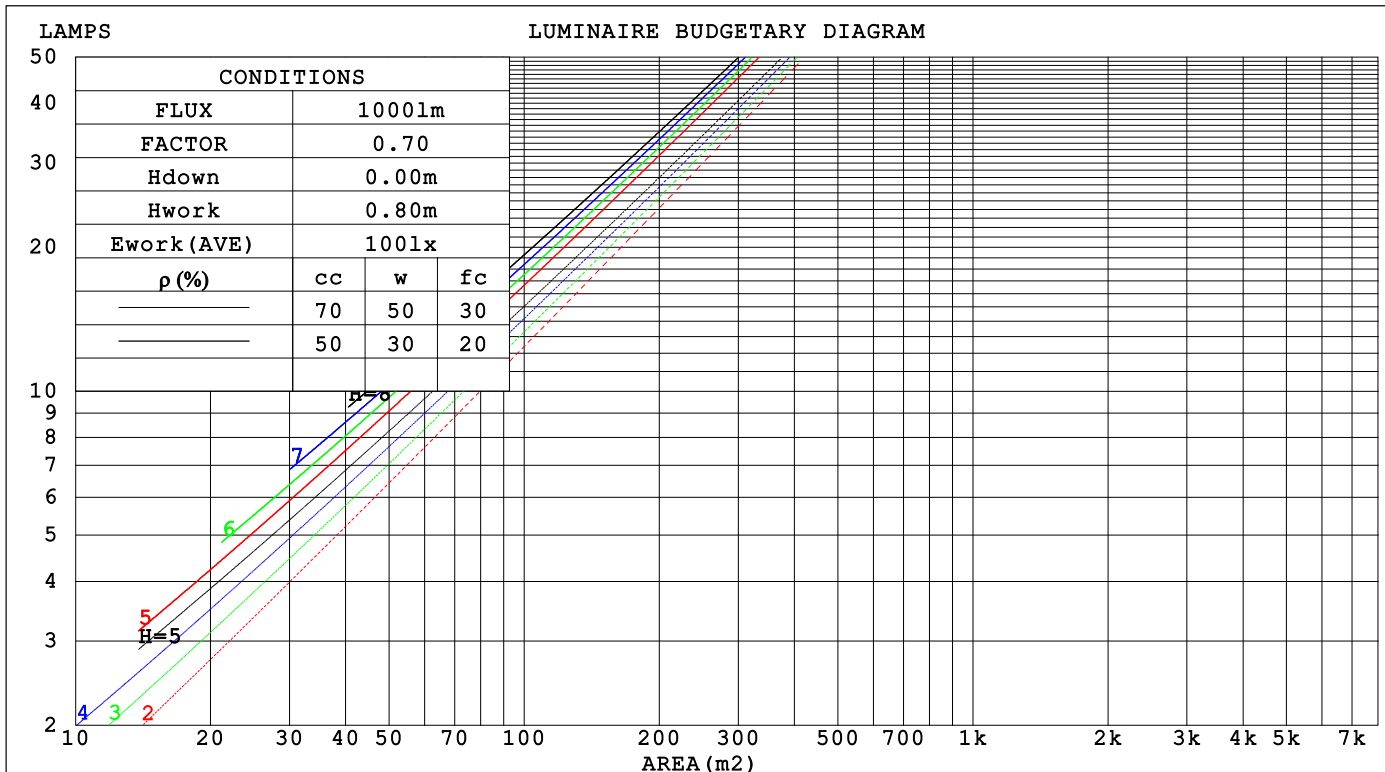
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

$\gamma$  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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.93	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.95	.90	.86	.94	.89	.86	.91	.88	.85	.90	.86	.84	.88	.85	.83	.82
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.82	.77	.74	.82	.77	.73	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
9.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.64	.71	.67	.64	.70	.67	.64	.63



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz			UTHDi:0.16% ITHDi:24.67% KDisp:0.8947			Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming Lighting			SUR.: 26mm			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	.158	.090	.028	.151	.086	.027	.138	.079	.025	.127	.073	.023	.116	.067	.022		
2.0	.148	.081	.025	.143	.079	.024	.132	.074	.023	.123	.069	.022	.114	.064	.020		
3.0	.140	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.111	.061	.019		
4.0	.132	.069	.020	.128	.067	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018		
5.0	.125	.064	.018	.122	.062	.018	.115	.060	.018	.109	.058	.017	.104	.055	.017		
6.0	.119	.060	.017	.116	.059	.017	.110	.056	.016	.105	.055	.016	.100	.053	.016		
7.0	.113	.056	.016	.111	.055	.016	.106	.053	.015	.101	.052	.015	.097	.050	.015		
8.0	.108	.053	.015	.106	.052	.015	.101	.051	.014	.097	.049	.014	.093	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013		
10.0	.099	.048	.013	.097	.047	.013	.094	.046	.013	.091	.045	.013	.088	.044	.013		

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016		
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013		
3.0	.139	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011		
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009		
5.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008		
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006		
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.016	.011	.008	.005		
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005		
9.0	.092	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004		
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm										
NAME: MD10-06-XX-16 3000K RA90 30D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Norming Lighting					SUR.: 26mm			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	18.8	19.6	19.0	19.8	19.9	20.1	20.9	20.3	21.0	21.2
3H	18.8	19.5	19.1	19.7	19.9	20.0	20.8	20.3	21.0	21.2
4H	18.8	19.5	19.0	19.7	19.9	20.0	20.7	20.3	20.9	21.1
6H	18.7	19.4	19.0	19.6	19.9	20.0	20.6	20.2	20.8	21.1
8H	18.7	19.4	19.0	19.6	19.9	19.9	20.6	20.2	20.8	21.1
12H	18.7	19.3	19.0	19.6	19.8	19.9	20.5	20.2	20.8	21.1
4H 2H	18.8	19.5	19.0	19.7	19.9	19.9	20.6	20.2	20.9	21.1
3H	18.8	19.4	19.1	19.7	19.9	19.9	20.6	20.3	20.8	21.1
4H	18.8	19.3	19.1	19.6	19.9	19.9	20.5	20.3	20.8	21.1
6H	18.7	19.2	19.1	19.6	19.9	19.9	20.4	20.3	20.7	21.0
8H	18.7	19.2	19.1	19.5	19.9	19.9	20.3	20.3	20.7	21.0
12H	18.7	19.1	19.1	19.5	19.9	19.9	20.3	20.3	20.7	21.0
8H 4H	18.7	19.1	19.1	19.5	19.8	19.8	20.3	20.2	20.6	21.0
6H	18.7	19.1	19.1	19.4	19.9	19.8	20.2	20.2	20.6	21.0
8H	18.7	19.0	19.1	19.4	19.9	19.8	20.1	20.2	20.6	21.0
12H	18.7	19.0	19.2	19.4	19.9	19.8	20.1	20.3	20.5	21.0
12H 4H	18.6	19.0	19.0	19.4	19.8	19.8	20.2	20.2	20.5	20.9
6H	18.6	19.0	19.1	19.4	19.8	19.8	20.1	20.2	20.5	20.9
8H	18.7	19.0	19.1	19.4	19.9	19.8	20.1	20.2	20.5	21.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.8 / - 3.5					+ 2.2 / - 3.5				
1.5H	+ 2.3 / - 2.4					+ 3.3 / - 2.8				
2.0H	+ 3.3 / - 2.8					+ 3.9 / - 3.4				

CIE Pub.117, 451.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.8)  
Area: 0.0005 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

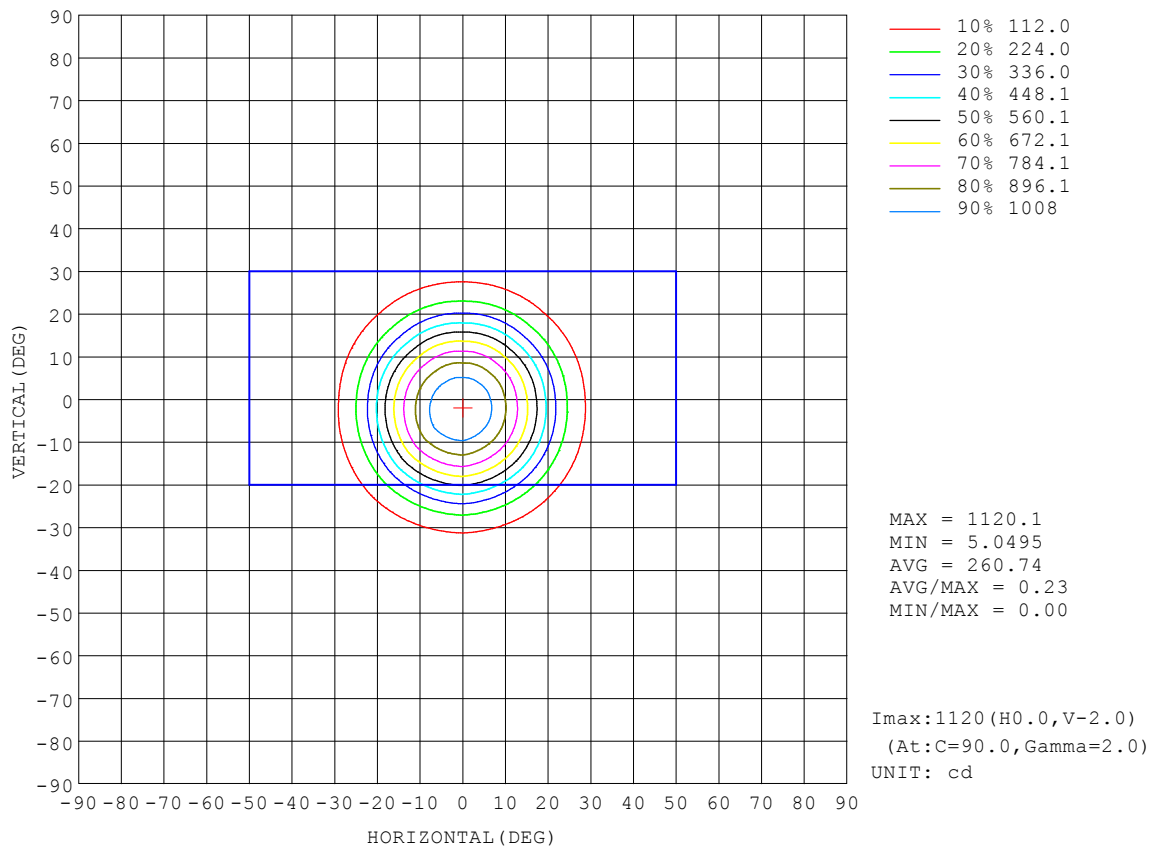
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	81	78	74
0.80	95	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	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: 2024-03-16

$\gamma$  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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



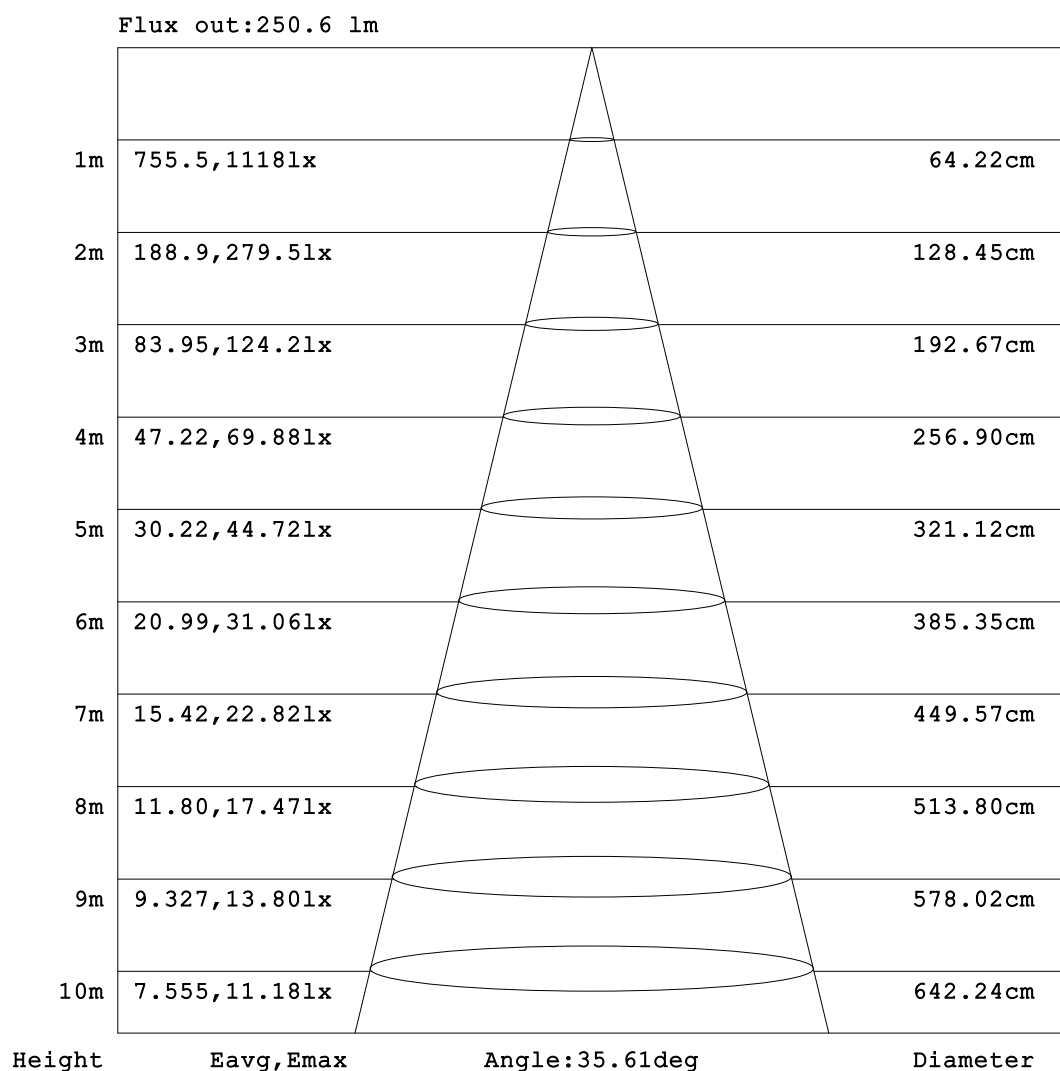
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



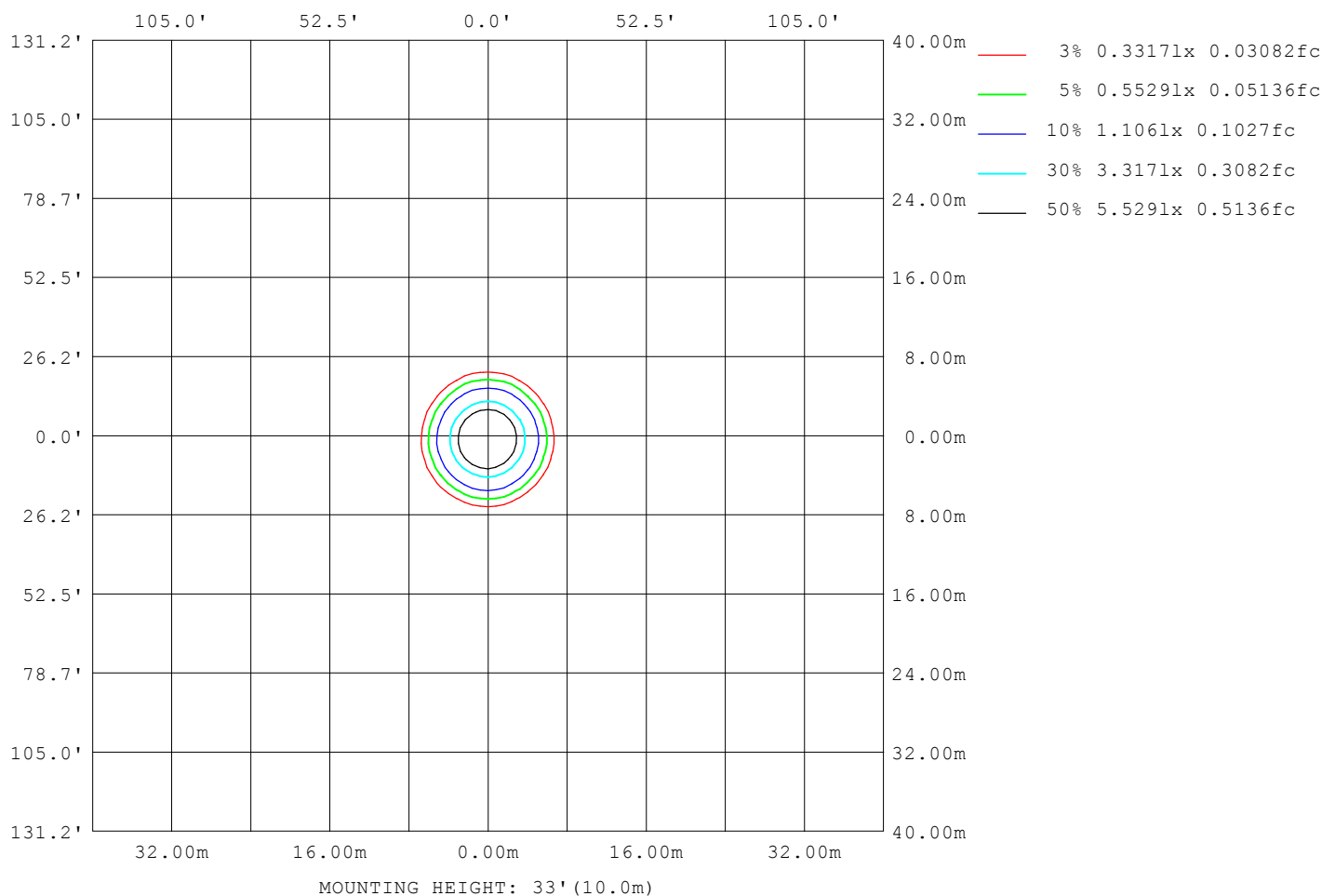
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-03-16

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:0.0266A P:5.6W PF:0.8679 Freq:49.99Hz		
UTHDi:0.16% ITHDi:24.67% KDisp:0.8947 Lamp Flux:451.559x1 lm		
NAME: MD10-06-XX-16 3000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming Lighting	SUR.: 26mm	Shielding Angle:

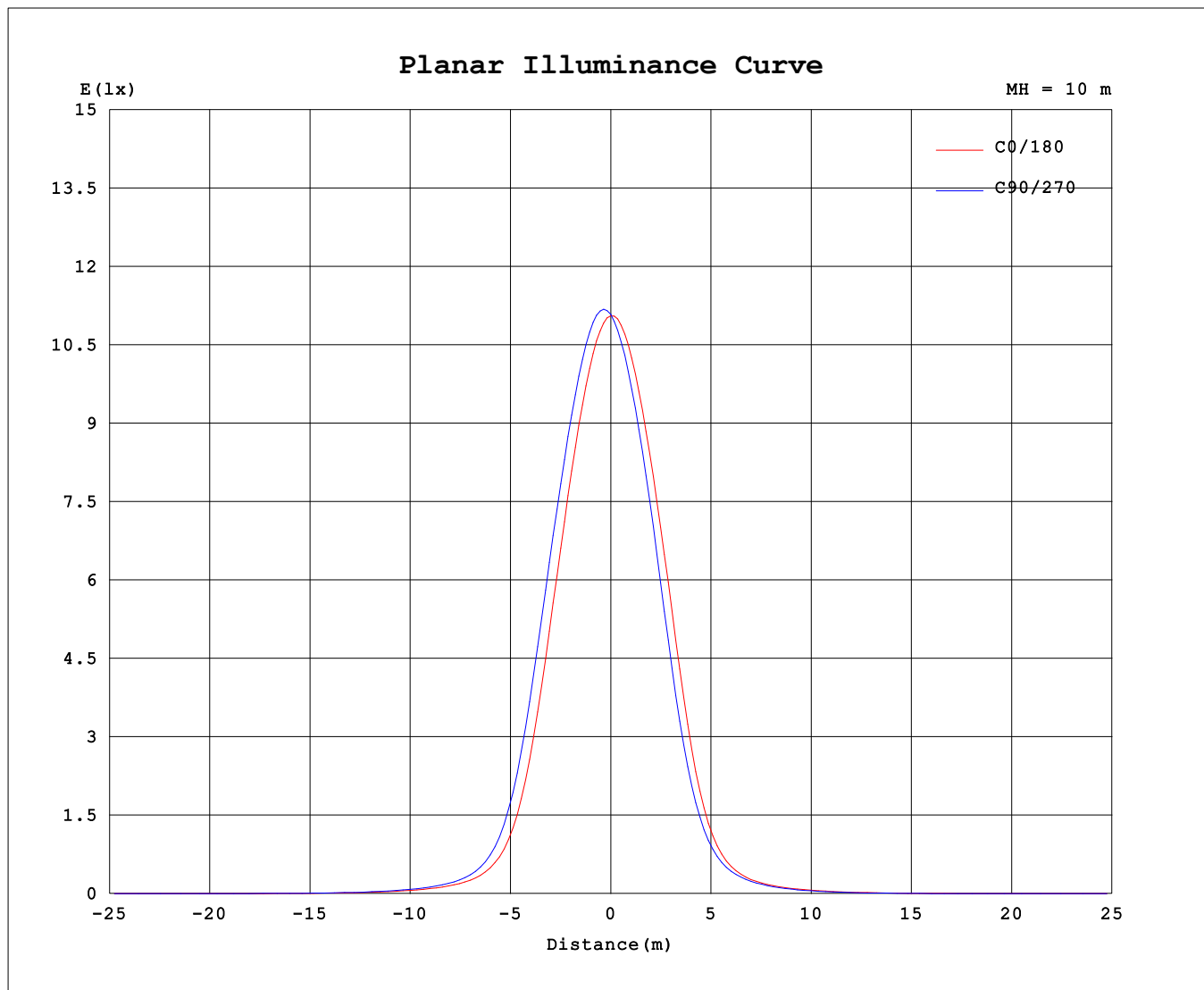
AvgL	cd/m2
L_0~180 (65) av	10868
L_0~180 (75) av	6227
L_0~180 (85) av	6194
L_90~270 (65) av	10758
L_90~270 (75) av	6141
L_90~270 (85) av	5081
L_45 (65) av	10647
L_45 (75) av	6146
L_45 (85) av	5321

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-03-16

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: 2024-03-16

$\gamma$  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	1107	1107	1107	1107	1107	1107	1107	1107
3.0	1083	1105	1119	1114	1094	1071	1060	1064
6.0	1023	1063	1092	1085	1043	1001	980.9	988.5
9.0	931.8	986.0	1027	1019	961.0	903.4	876.5	888.7
12.0	814.9	882.9	934.2	924.3	853.7	781.7	749.4	763.4
15.0	676.5	757.3	815.7	804.6	721.6	635.0	598.9	616.3
18.0	523.6	610.1	675.0	658.6	565.0	472.4	441.0	457.2
21.0	370.2	451.0	515.5	492.7	399.3	320.7	299.0	309.3
24.0	239.7	301.8	357.9	330.8	256.8	203.6	191.7	195.3
27.0	147.1	188.0	228.1	206.5	157.1	125.7	120.3	120.4
30.0	92.43	113.9	138.4	125.5	96.66	80.22	78.05	77.36
33.0	60.23	72.53	86.80	79.46	63.29	54.58	53.92	52.89
36.0	42.79	50.18	58.55	54.32	44.71	39.66	39.18	38.43
39.0	31.91	37.02	42.36	39.71	33.28	29.89	29.08	28.70
42.0	24.14	28.04	31.67	29.97	25.34	22.68	21.53	21.50
45.0	18.15	21.26	23.76	22.81	19.29	17.00	15.68	15.86
48.0	13.43	15.93	17.69	17.17	14.35	12.50	11.19	11.49
51.0	9.827	11.76	12.99	12.73	10.53	9.029	7.890	8.244
54.0	7.068	8.549	9.393	9.228	7.567	6.388	5.569	5.842
57.0	5.064	6.123	6.637	6.501	5.352	4.452	4.014	4.143
60.0	3.727	4.375	4.619	4.526	3.824	3.209	3.034	3.030
63.0	2.802	3.223	3.352	3.244	2.832	2.381	2.250	2.222
66.0	2.039	2.389	2.498	2.406	2.081	1.715	1.589	1.563
69.0	1.417	1.688	1.804	1.740	1.463	1.207	1.109	1.082
72.0	0.9903	1.170	1.246	1.210	1.033	0.8944	0.8538	0.8413
75.0	0.7900	0.8709	0.8874	0.8773	0.8216	0.7406	0.7020	0.6924
78.0	0.6432	0.7033	0.7154	0.7075	0.6805	0.6094	0.5698	0.5635
81.0	0.5011	0.5665	0.5822	0.5719	0.5548	0.4570	0.4007	0.4053
84.0	0.3060	0.4235	0.4587	0.4309	0.3992	0.2300	0.1521	0.1604
87.0	0.0291	0.1715	0.2460	0.2252	0.1119	0.0061	0.0087	0.0051
90.0	0.0090	0.0042	0.0109	0.0035	0.0035	0.0061	0.0071	0.0042

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