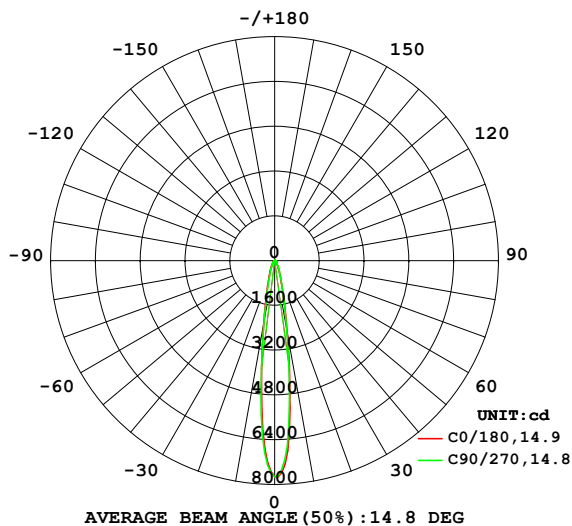


## LUMINAIRE PHOTOMETRIC TEST REPORT

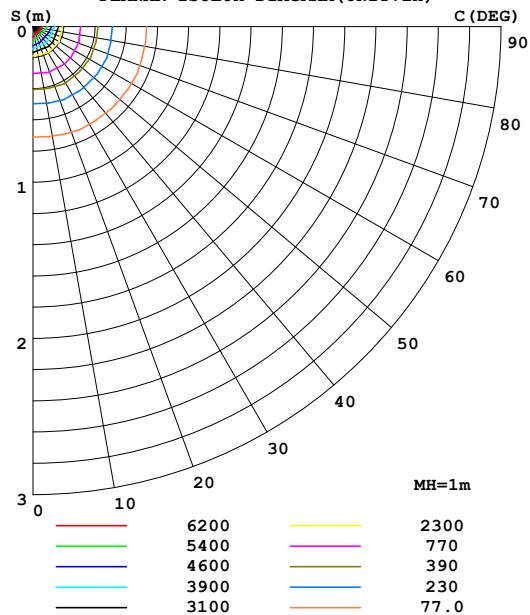
Test:U:240.5V I:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800 Lamp Flux:1101.26x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.44 lm/W
MODEL		I <sub>max</sub> (cd)	7742	S/MH (C0/180)	0.24	
NOMINAL POWER(W)	15	LOR (%)	100.0	S/MH (C90/270)	0.25	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1101.3	η UP,DN (C0-180)	0.0,52.7	
NOMINAL FLUX(lm)	1101.26	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,47.3	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.42	η down (%)	100.0	CIBSE SHR MAX	0.25	

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: 2024-11-05

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	2610	2689	2558	2394	2289	2243	2190	2337	0- 10	427.2	427.2	38.8,38.8
20	604.9	642.4	629.3	609.7	593.1	557.2	527.5	540.2	10- 20	317.7	744.9	67.6,67.6
30	224.9	246.3	243.9	238.4	229.7	208.0	194.3	197.5	20- 30	167.3	912.2	82.8,82.8
40	95.99	104.2	102.6	101.4	97.35	87.97	81.96	85.14	30- 40	91.61	1004	91.2,91.2
50	46.46	49.59	49.45	48.19	47.02	44.01	41.82	43.70	40- 50	51.02	1055	95.8,95.8
60	24.08	25.49	25.34	24.45	23.50	21.97	21.20	21.84	50- 60	30.11	1085	98.5,98.5
70	6.413	6.435	5.878	5.256	4.967	5.088	5.531	5.946	60- 70	13.68	1099	99.8,99.8
80	1.033	0.9512	0.8866	0.8244	0.8419	0.8831	0.9758	1.022	70- 80	2.294	1101	100,100
90	0.0382	0.0238	0.0463	0.0250	0.0283	0.0235	0.0318	0.0196	80- 90	0.3429	1101	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): 1032.8 lm

%lum = 93.8%

%lamp = 93.8%

Conical surface Flux(120deg): 1084.9 lm

%lum = 98.5%

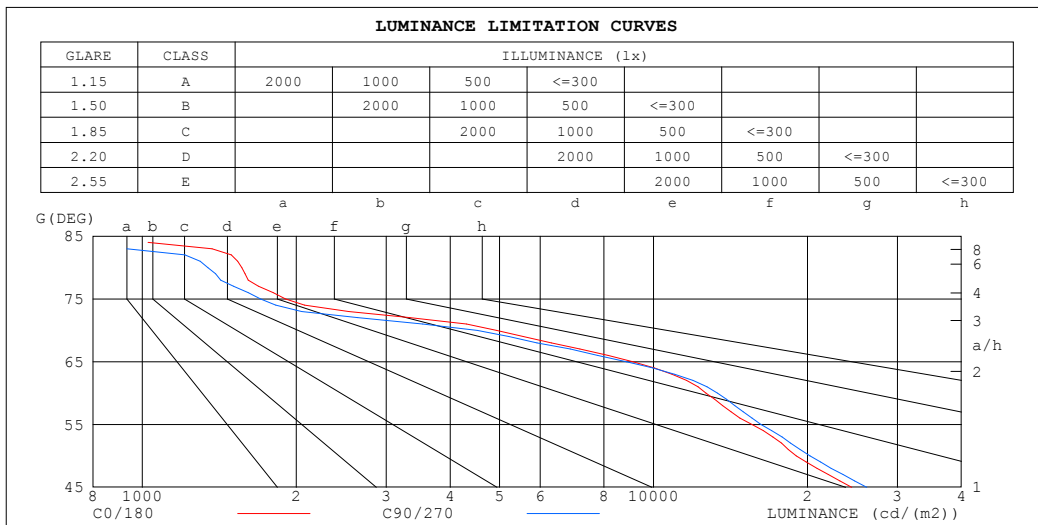
%lamp = 98.5%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-11-05

$\gamma$  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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800 Lamp Flux:1101.26x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



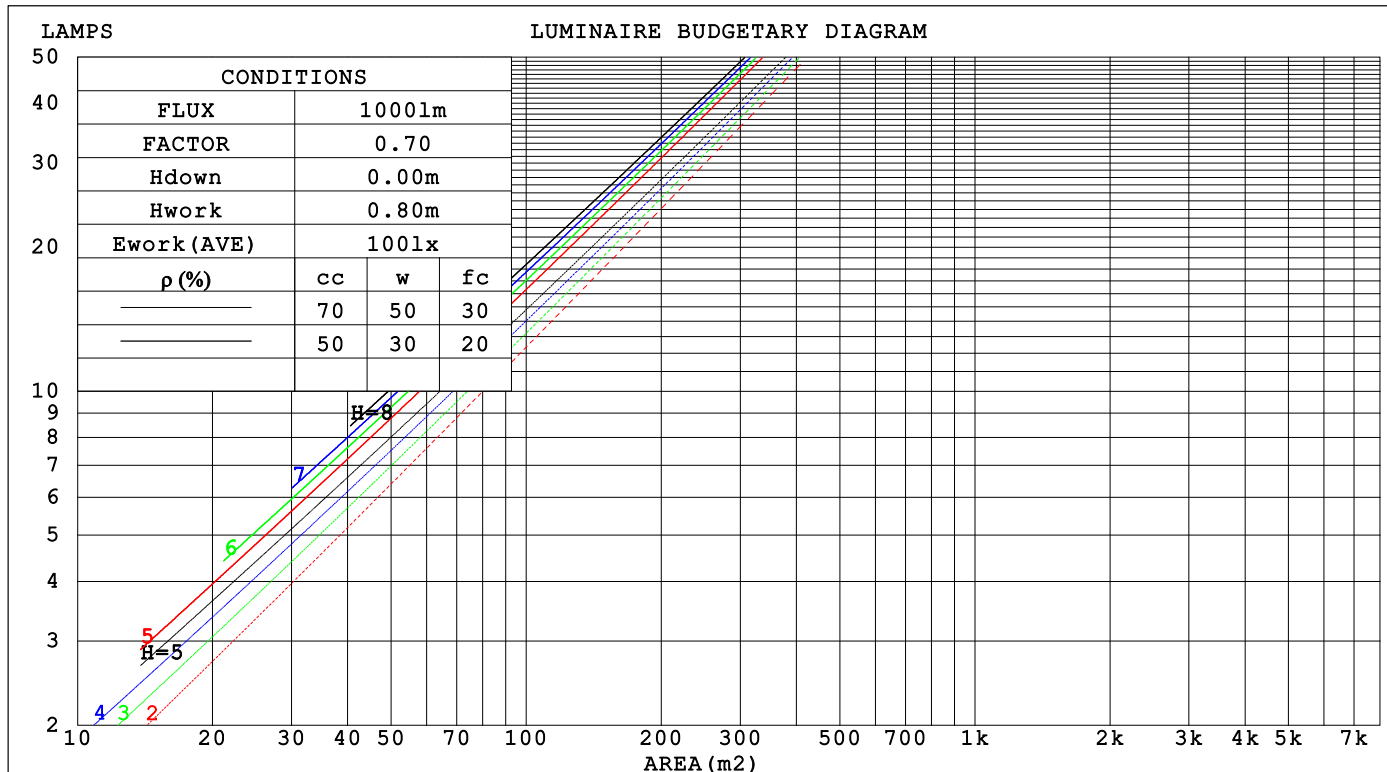
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-11-05

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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800		
Lamp Flux:1101.26x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.94	.96	.94	.93	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.86	.83	.88	.85	.82	.86	.84	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.78	.77
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.76	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
9.0	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.77	.73	.71	.70
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.75	.72	.69	.68



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800 Lamp Flux:1101.26x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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	.152	.086	.027	.145	.083	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.143	.078	.024	.137	.076	.023	.127	.071	.022	.117	.066	.021	.109	.061	.019		
3.0	.134	.071	.021	.129	.069	.021	.121	.065	.020	.112	.062	.019	.105	.058	.018		
4.0	.126	.065	.019	.122	.064	.019	.114	.061	.018	.107	.058	.017	.101	.055	.017		
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.103	.054	.016	.097	.052	.016		
6.0	.111	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015		
7.0	.105	.052	.015	.103	.051	.015	.098	.050	.014	.094	.048	.014	.089	.046	.014		
8.0	.100	.049	.014	.098	.048	.014	.094	.047	.013	.090	.045	.013	.086	.044	.013		
9.0	.095	.046	.013	.093	.045	.013	.089	.044	.013	.086	.043	.012	.083	.042	.012		
10.0	.091	.043	.012	.089	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.011		

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	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016		
2.0	.152	.133	.116	.130	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013		
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011		
4.0	.126	.098	.077	.108	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.116	.086	.064	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007		
7.0	.100	.068	.046	.086	.059	.040	.060	.041	.028	.035	.024	.017	.011	.008	.006		
8.0	.094	.062	.040	.081	.053	.035	.056	.038	.025	.032	.022	.015	.010	.007	.005		
9.0	.088	.056	.035	.076	.049	.030	.052	.034	.021	.031	.020	.013	.010	.007	.004		
10.0	.083	.051	.030	.071	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz											
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800 Lamp Flux:1101.26x1 lm											
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:						WEIGHT:					
SPEC.:						DIM.:			SERIAL No.:		
MFR.: Norming lighting						SUR.: 70mm			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	2H	17.8	18.5	18.0	18.7	18.9	18.0	18.8	18.2	18.9	19.1
	3H	18.0	18.7	18.2	18.8	19.0	18.1	18.8	18.4	19.0	19.2
	4H	17.9	18.6	18.2	18.8	19.0	18.1	18.7	18.3	18.9	19.2
	6H	17.8	18.4	18.1	18.7	18.9	18.0	18.6	18.3	18.9	19.1
	8H	17.8	18.4	18.1	18.6	18.9	18.0	18.6	18.3	18.8	19.1
	12H	17.7	18.3	18.1	18.6	18.9	17.9	18.5	18.2	18.8	19.0
4H	2H	17.9	18.6	18.2	18.8	19.0	18.1	18.8	18.4	19.0	19.2
	3H	18.1	18.7	18.4	18.9	19.2	18.3	18.8	18.6	19.1	19.4
	4H	18.0	18.6	18.4	18.9	19.2	18.2	18.7	18.5	19.0	19.3
	6H	18.0	18.4	18.3	18.8	19.1	18.1	18.6	18.5	18.9	19.2
	8H	17.9	18.4	18.3	18.7	19.1	18.1	18.5	18.4	18.8	19.2
	12H	17.9	18.3	18.3	18.6	19.0	18.0	18.4	18.4	18.8	19.2
8H	4H	17.9	18.3	18.3	18.7	19.1	18.1	18.5	18.5	18.8	19.2
	6H	17.8	18.2	18.3	18.6	19.0	18.0	18.3	18.4	18.7	19.1
	8H	17.8	18.1	18.2	18.5	19.0	17.9	18.2	18.4	18.7	19.1
	12H	17.7	18.0	18.2	18.4	18.9	17.9	18.1	18.3	18.6	19.0
12H	4H	17.9	18.3	18.3	18.6	19.0	18.0	18.4	18.4	18.8	19.2
	6H	17.8	18.1	18.2	18.5	18.9	17.9	18.2	18.4	18.7	19.1
	8H	17.7	18.0	18.2	18.4	18.9	17.9	18.1	18.3	18.6	19.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.9					+ 1.2 / - 1.9				
1.5H		+ 1.4 / - 1.0					+ 1.7 / - 1.1				
2.0H		+ 1.8 / - 1.6					+ 1.9 / - 1.8				

CIE Pub.117, 1101 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 0.3$ )  
Area: 0.0038 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

$\gamma$  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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800		Lamp Flux:1101.26x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

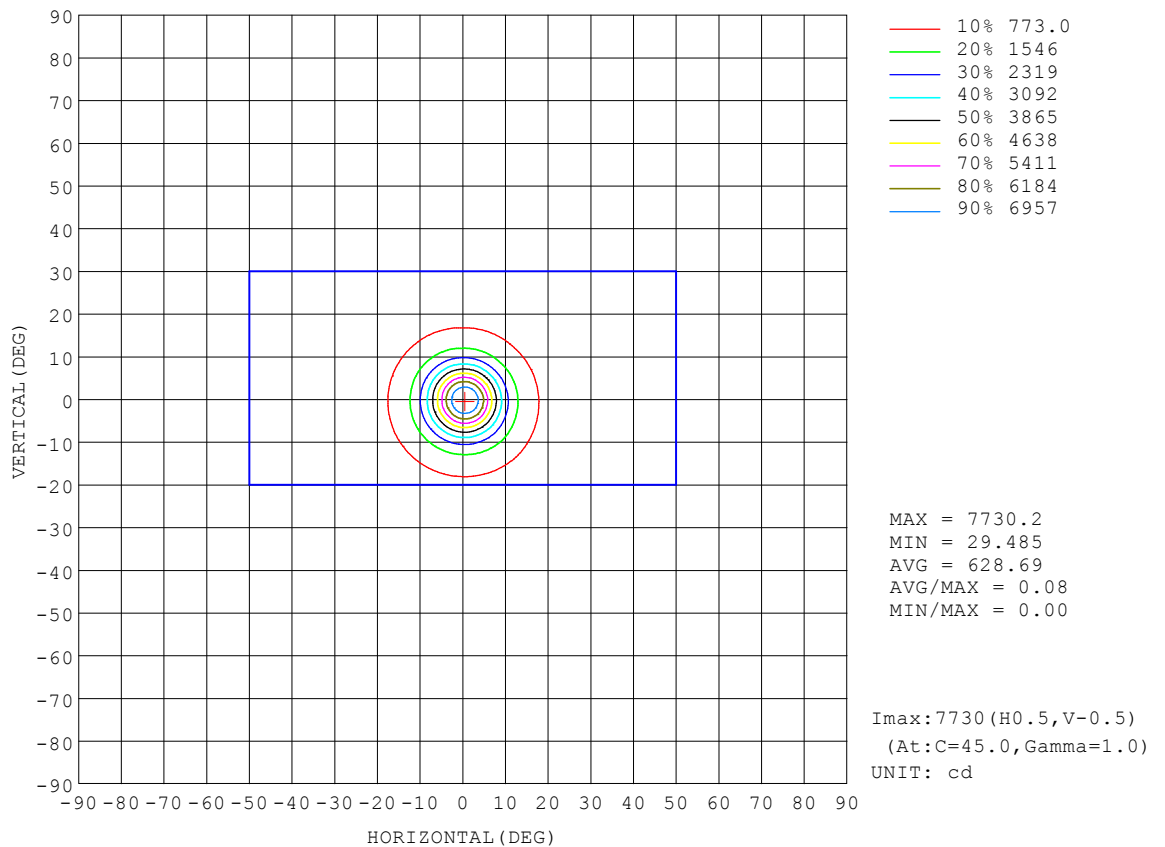
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	94	87	84	93	87	83	92	86	83	79
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	107	104	106	104	102	95
4.00	114	111	108	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	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: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-11-05

$\gamma$  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:240.5V I:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800		Lamp Flux:1101.26x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

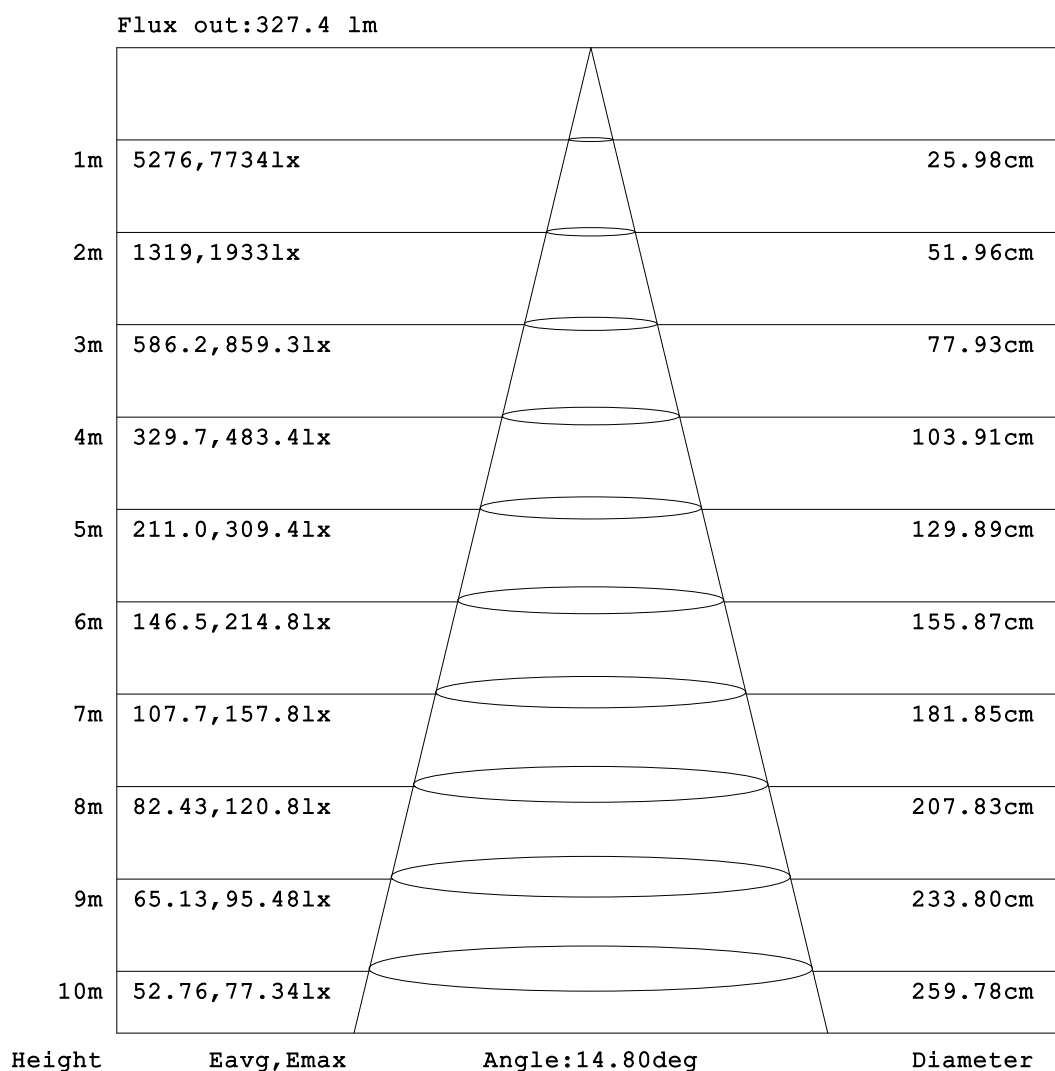


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

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:240.5V I:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800		Lamp Flux:1101.26x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



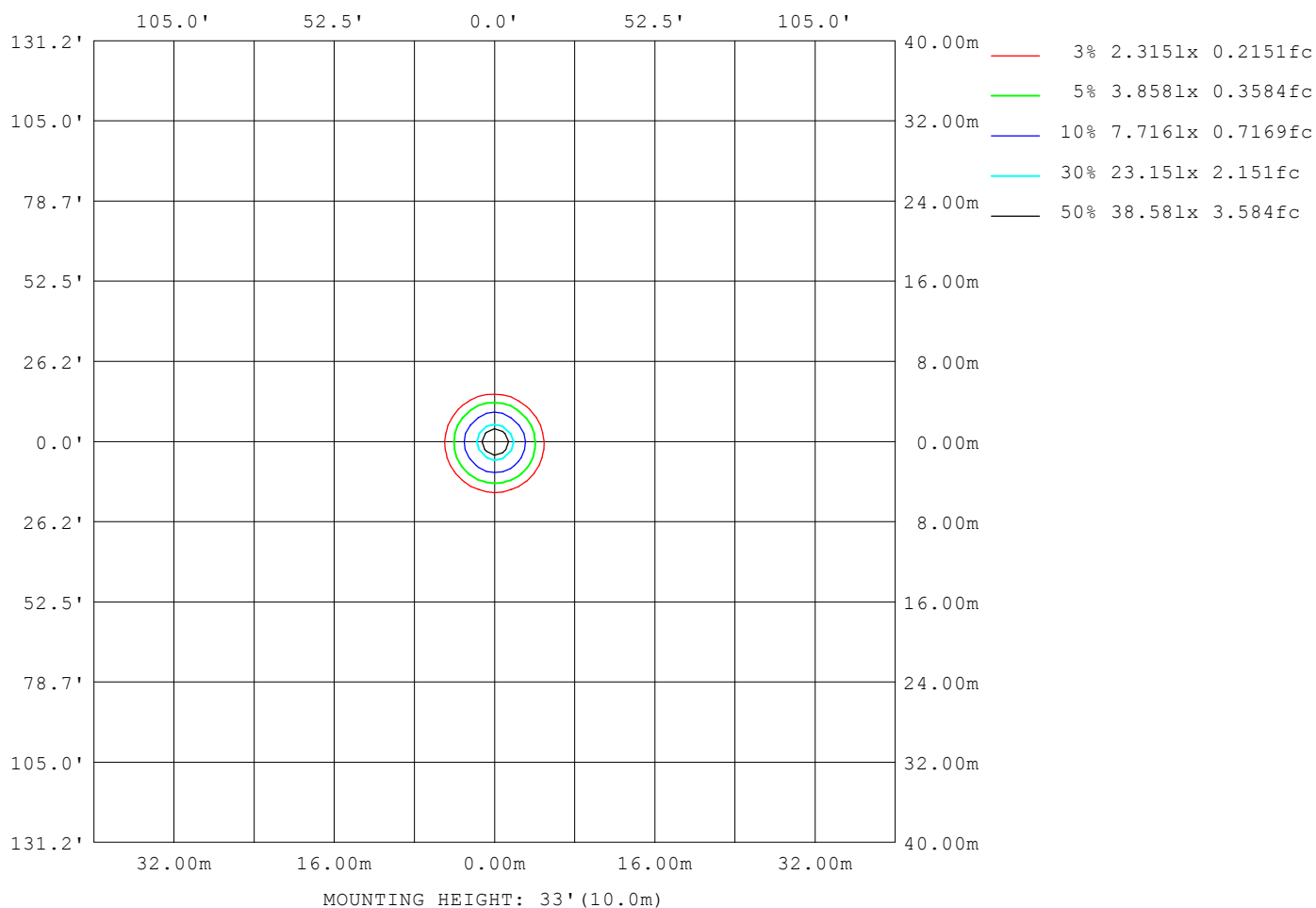
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800		Lamp Flux:1101.26x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-11-05

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:0.0613A P:14.4W PF:0.9778 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.78% KDisp:0.9800 Lamp Flux:1101.26x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01DW 3000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

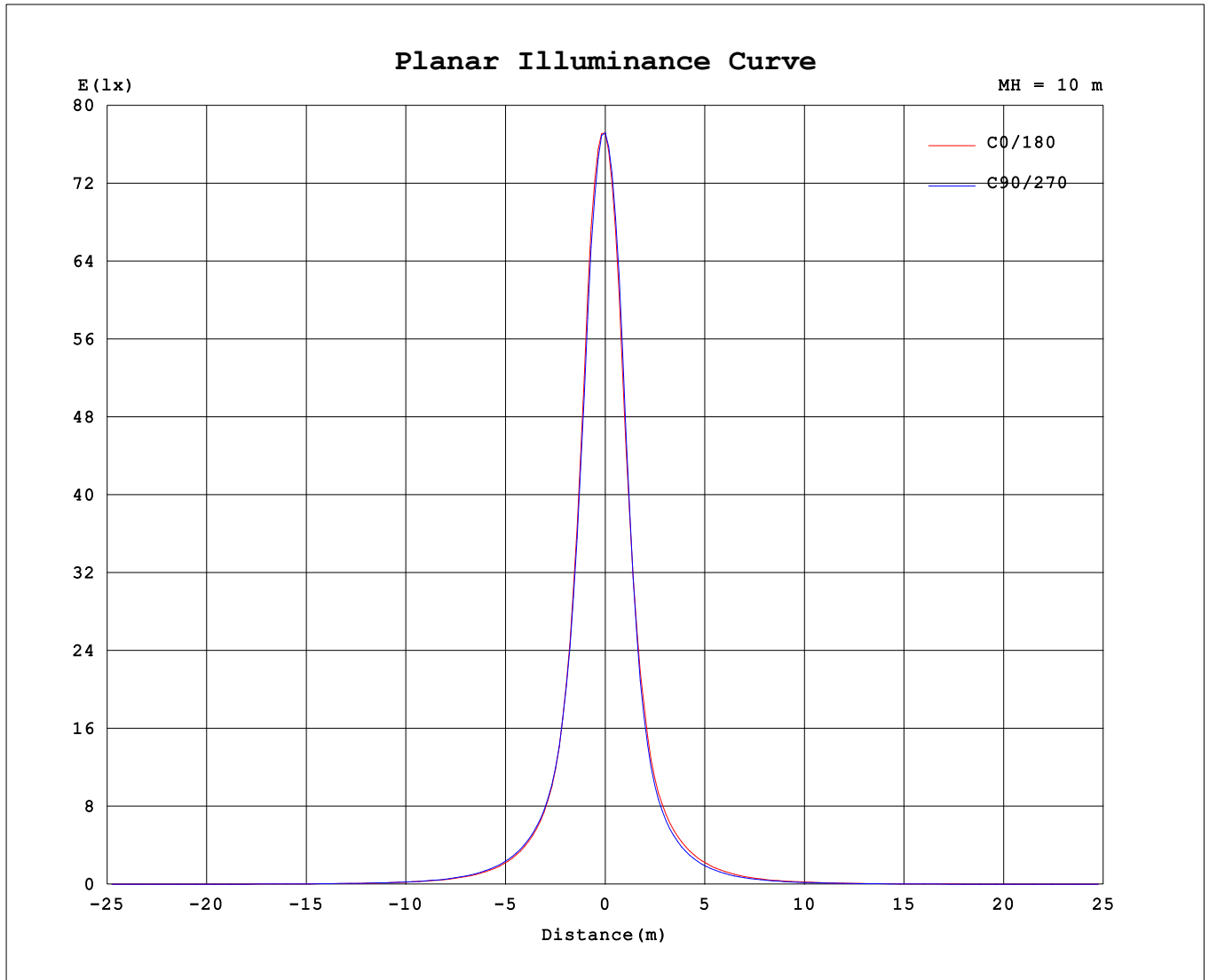
AvgL	cd/m2
L_0~180 (65) av	8531
L_0~180 (75) av	1745
L_0~180 (85) av	517
L_90~270 (65) av	8315
L_90~270 (75) av	1718
L_90~270 (85) av	470
L_45 (65) av	8372
L_45 (75) av	1724
L_45 (85) av	431

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-05

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: 2024-11-05

$\gamma$  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	7717	7717	7717	7717	7717	7717	7717	7717
3.0	7259	7251	7099	6885	6753	6779	6879	7097
6.0	5294	5348	5099	4742	4557	4585	4704	4970
9.0	3160	3214	3060	2852	2729	2690	2659	2844
12.0	1818	1945	1812	1710	1625	1583	1532	1610
15.0	1114	1184	1133	1085	1043	998.3	967.9	1002
18.0	757.8	803.6	782.5	754.3	733.5	694.3	663.7	682.2
21.0	542.5	579.5	568.7	552.2	536.7	502.0	473.2	483.6
24.0	398.5	431.3	424.6	414.4	400.6	370.6	346.9	353.7
27.0	297.3	324.6	320.5	313.1	301.9	275.9	257.2	262.4
30.0	224.9	246.3	243.9	238.4	229.7	208.0	194.3	197.5
33.0	172.1	188.9	186.7	183.6	176.5	158.4	148.0	151.0
36.0	132.6	145.4	143.5	141.4	135.8	121.7	113.9	116.7
39.0	103.3	113.0	111.3	110.0	105.6	95.41	88.73	92.11
42.0	82.15	88.73	88.11	86.44	83.10	75.41	70.32	73.23
45.0	65.63	70.65	70.18	68.74	66.24	60.35	56.52	58.91
48.0	53.11	56.84	56.62	55.31	53.43	49.37	46.05	47.95
51.0	43.90	46.52	46.28	45.04	44.14	41.46	39.85	41.73
54.0	36.62	38.64	38.02	36.81	35.63	33.18	33.08	33.88
57.0	29.34	31.12	30.99	30.04	28.94	26.95	25.76	26.59
60.0	24.08	25.49	25.34	24.45	23.50	21.97	21.20	21.84
63.0	18.76	19.59	18.98	17.89	17.24	16.33	16.25	16.91
66.0	12.60	12.90	12.00	11.10	10.68	10.56	10.71	11.25
69.0	7.571	7.601	7.097	6.526	6.238	6.214	6.557	6.986
72.0	3.917	3.643	3.097	2.711	2.535	2.683	3.084	3.504
75.0	1.877	1.782	1.676	1.584	1.556	1.590	1.703	1.828
78.0	1.274	1.202	1.124	1.064	1.082	1.116	1.204	1.251
81.0	0.9129	0.8297	0.7709	0.7019	0.7211	0.7619	0.8524	0.8944
84.0	0.4078	0.3113	0.2279	0.1633	0.1790	0.2015	0.3153	0.3665
87.0	0.1157	0.0790	0.0880	0.0600	0.0687	0.0686	0.1051	0.0935
90.0	0.0382	0.0238	0.0463	0.0250	0.0283	0.0235	0.0318	0.0196

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