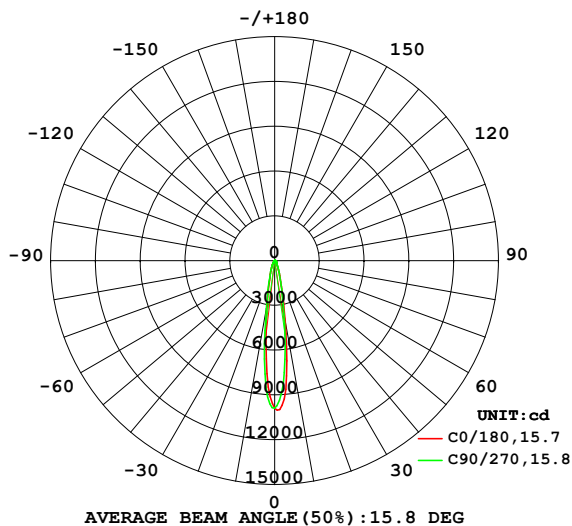


## LUMINAIRE PHOTOMETRIC TEST REPORT

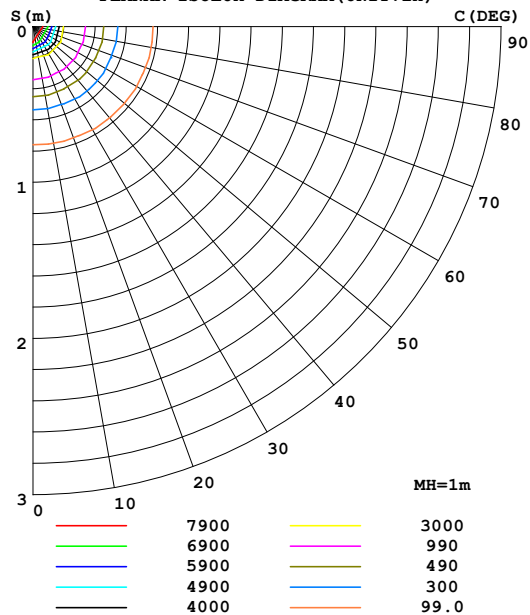
Test:U:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.28 lm/W			
MODEL		I <sub>max</sub> (cd)	10025	S/MH(C0/180)	0.24
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.27
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1584.7	η UP,DN(C0-180)	0.0,53.1
NOMINAL FLUX(lm)	1584.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.9
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.24	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:2024-11-06

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	412.7	397.2	365.4	324.3	292.1	299.8	327.2	372.0	0- 10	579.9	579.9	36.6,36.6
20	96.22	97.70	95.45	87.40	79.65	77.69	82.03	88.41	10- 20	470.2	1050	66.3,66.3
30	35.27	37.36	37.59	34.79	30.87	29.08	30.21	32.53	20- 30	250.6	1301	82.1,82.1
40	14.91	15.85	15.88	14.92	13.21	12.26	12.75	13.81	30- 40	137.6	1438	90.8,90.8
50	7.211	7.529	7.657	7.134	6.499	6.218	6.473	6.939	40- 50	76.63	1515	95.6,95.6
60	3.727	3.870	3.913	3.588	3.223	3.093	3.264	3.482	50- 60	45.27	1560	98.5,98.5
70	1.030	0.9945	0.9016	0.7258	0.6242	0.6836	0.8376	0.9573	60- 70	20.57	1581	99.8,99.8
80	0.1576	0.1434	0.1320	0.1196	0.1201	0.1268	0.1454	0.1565	70- 80	3.449	1584	100,100
90	0.0064	0.0036	0.0064	0.0040	0.0043	0.0039	0.0052	0.0038	80- 90	0.5104	1585	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:X10cd									UNIT:lm		

Conical surface Flux(90deg): 1481.8 lm

%lum = 93.5%

%lamp = 93.5%

Conical surface Flux(120deg): 1560.2 lm

%lum = 98.5%

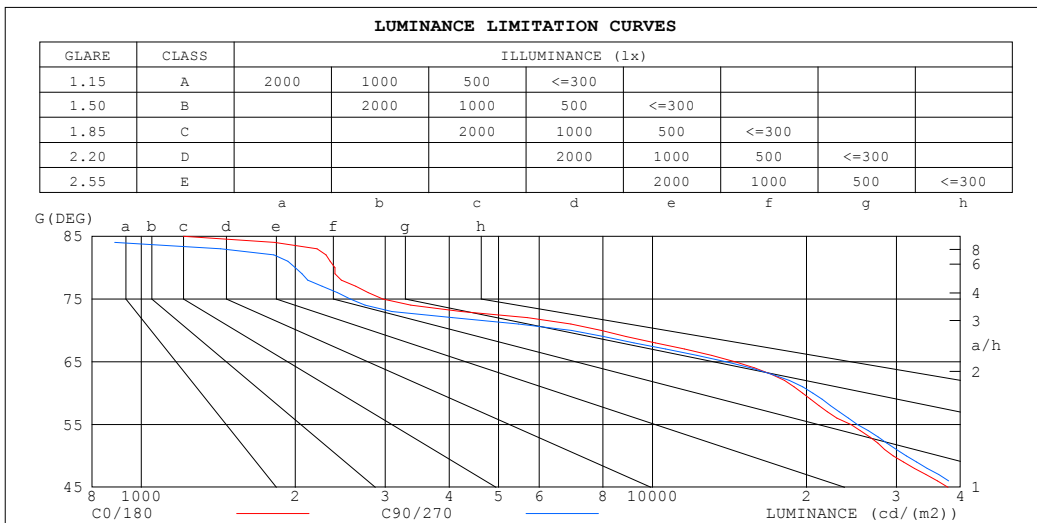
%lamp = 98.5%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-11-06

$\gamma$  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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



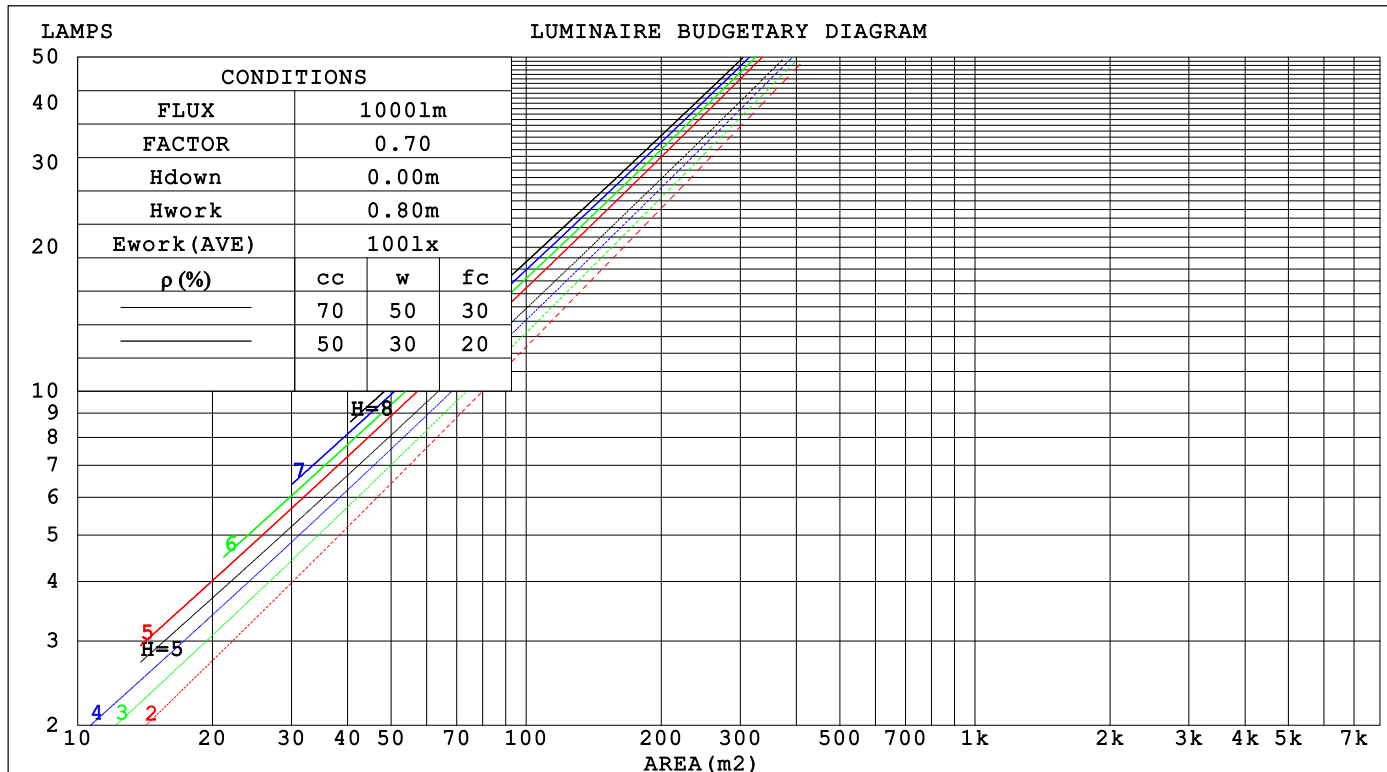
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-11-06

$\gamma$  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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809		
Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K 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	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95														
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91														
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.86														
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83														
5.0	.91	.86	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79														
6.0	.87	.83	.79	.87	.82	.79	.85	.81	.78	.84	.81	.78	.83	.80	.77	.76														
7.0	.84	.79	.76	.84	.79	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.74														
8.0	.81	.76	.73	.81	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71														
9.0	.78	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.76	.72	.70	.69														
10.0	.76	.72	.69	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-06

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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K 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	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.113	.065	.021		
2.0	.145	.080	.024	.140	.077	.024	.129	.072	.022	.120	.067	.021	.111	.063	.020		
3.0	.136	.073	.022	.132	.071	.021	.123	.067	.020	.115	.063	.019	.107	.059	.018		
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017		
5.0	.121	.061	.018	.117	.060	.018	.111	.058	.017	.105	.055	.016	.099	.053	.016		
6.0	.114	.057	.016	.111	.056	.016	.105	.054	.016	.100	.052	.015	.095	.050	.015		
7.0	.108	.053	.015	.105	.052	.015	.100	.051	.015	.096	.049	.014	.092	.048	.014		
8.0	.102	.050	.014	.100	.049	.014	.096	.048	.014	.092	.046	.013	.088	.045	.013		
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.085	.043	.012		
10.0	.093	.044	.012	.091	.044	.012	.088	.043	.012	.084	.042	.012	.081	.041	.012		

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	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016		
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013		
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011		
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009		
5.0	.117	.086	.063	.100	.075	.055	.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	.006		
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006		
8.0	.095	.062	.039	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005		
9.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004		
10.0	.084	.052	.030	.072	.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:2024-11-06

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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm										
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K 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	19.6	20.3	19.8	20.5	20.6	19.8	20.5	20.0	20.7	20.8
3H	19.7	20.4	20.0	20.6	20.8	19.9	20.6	20.1	20.8	21.0
4H	19.7	20.3	19.9	20.6	20.8	19.8	20.5	20.1	20.7	20.9
6H	19.6	20.2	19.9	20.5	20.7	19.7	20.4	20.0	20.6	20.8
8H	19.6	20.2	19.9	20.4	20.7	19.7	20.3	20.0	20.5	20.8
12H	19.5	20.1	19.8	20.4	20.6	19.6	20.2	19.9	20.5	20.8
4H 2H	19.7	20.4	20.0	20.6	20.8	19.9	20.5	20.1	20.7	21.0
3H	19.9	20.5	20.2	20.7	21.0	20.0	20.6	20.3	20.8	21.1
4H	19.8	20.4	20.2	20.6	21.0	19.9	20.5	20.3	20.8	21.1
6H	19.7	20.2	20.1	20.5	20.9	19.8	20.3	20.2	20.6	21.0
8H	19.7	20.1	20.1	20.5	20.8	19.8	20.2	20.2	20.6	20.9
12H	19.6	20.0	20.0	20.4	20.8	19.7	20.1	20.1	20.5	20.9
8H 4H	19.7	20.1	20.1	20.5	20.8	19.8	20.2	20.2	20.6	20.9
6H	19.6	20.0	20.0	20.4	20.8	19.7	20.1	20.1	20.5	20.9
8H	19.6	19.9	20.0	20.3	20.7	19.7	20.0	20.1	20.4	20.8
12H	19.5	19.8	20.0	20.2	20.7	19.6	19.9	20.1	20.3	20.8
12H 4H	19.6	20.0	20.0	20.4	20.8	19.7	20.1	20.1	20.5	20.9
6H	19.6	19.9	20.0	20.3	20.7	19.6	20.0	20.1	20.4	20.8
8H	19.5	19.8	20.0	20.2	20.7	19.6	19.9	20.1	20.3	20.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.2 / - 1.9					+ 1.2 / - 1.9				
1.5H	+ 1.5 / - 1.0					+ 1.8 / - 1.1				
2.0H	+ 1.9 / - 1.6					+ 1.9 / - 1.8				

CIE Pub.117, 1585 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 1.6$ )  
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:2024-11-06

$\gamma$  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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D TYPE:		WEIGHT:
SPEC.:		SERIAL No.:
MFR.: Norming lighting		Shielding Angle:
DIM.:		
SUR.: 70mm		

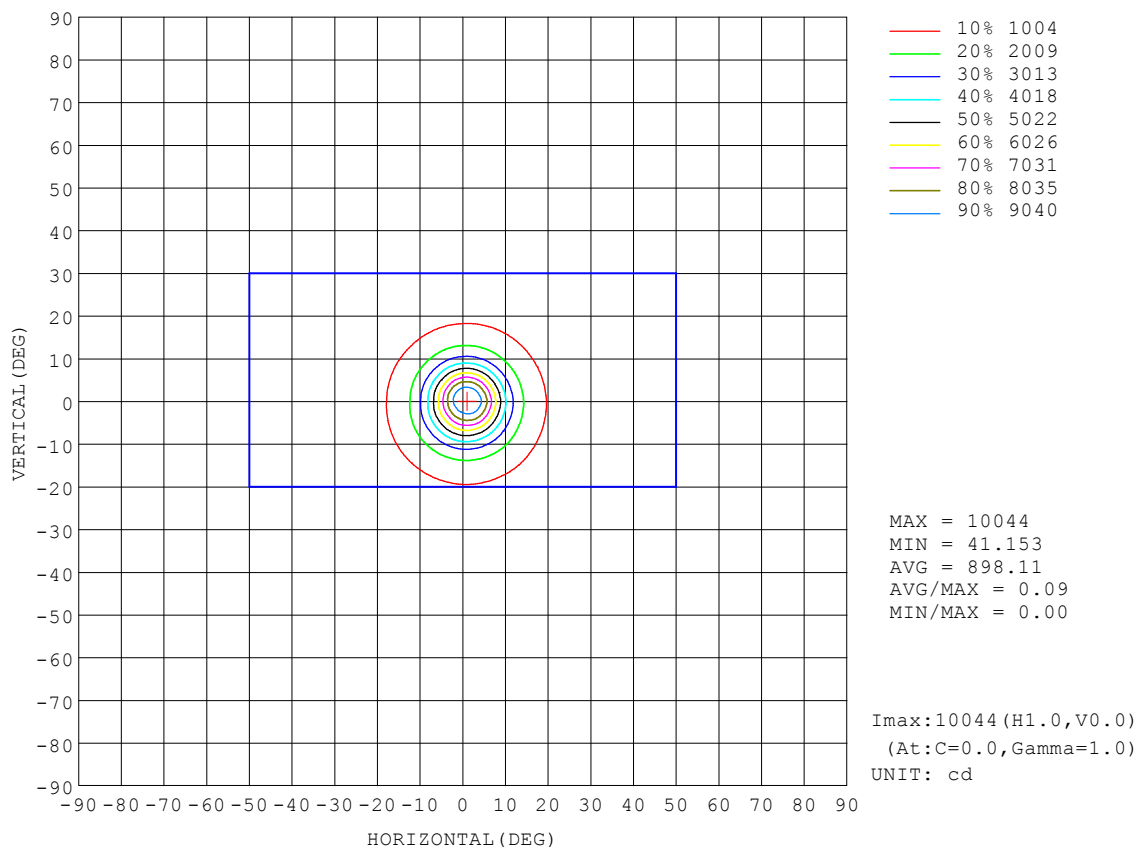
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	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	99	96	102	98	95	90
2.00	108	104	100	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	106	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	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:2024-11-06

$\gamma$  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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



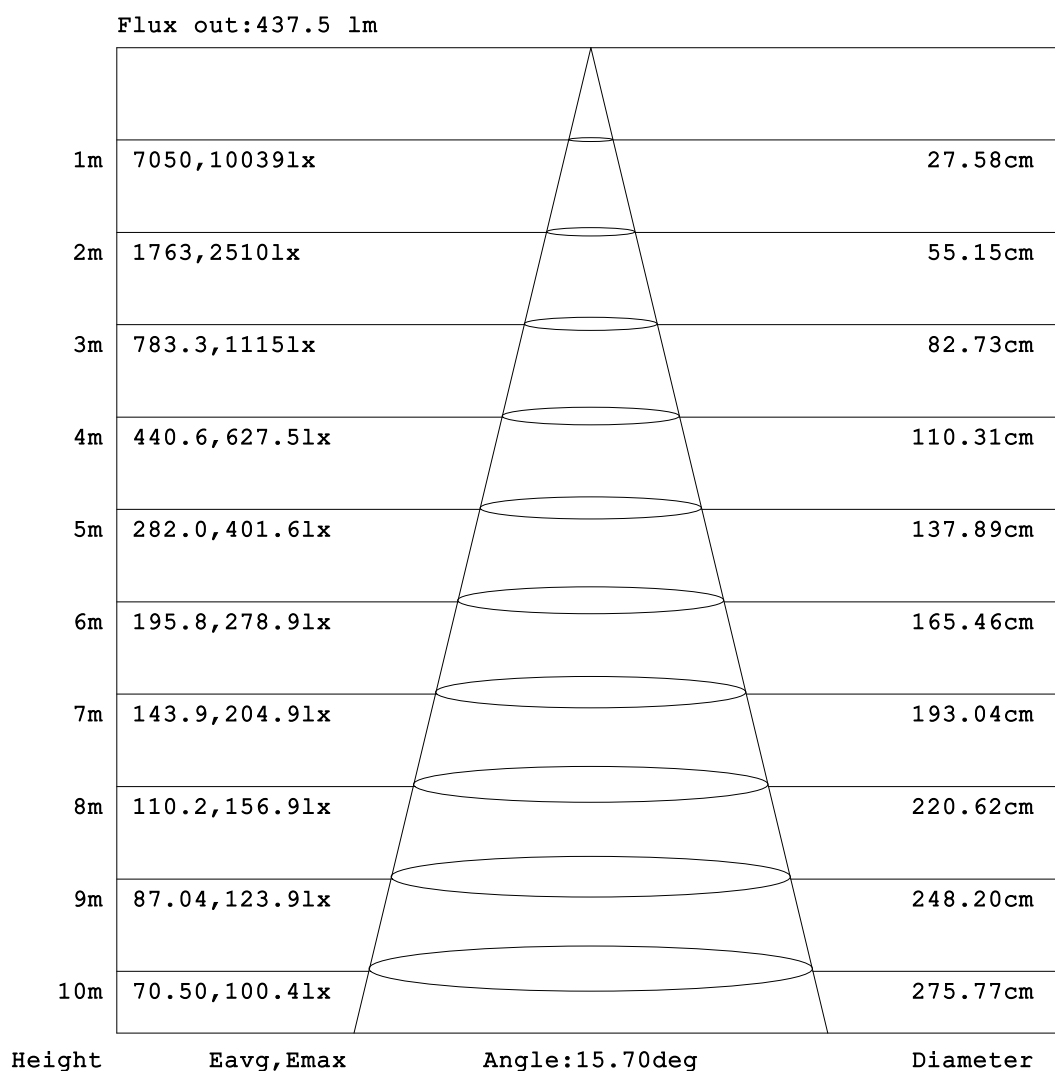
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-06

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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809		Lamp Flux:1584.7x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



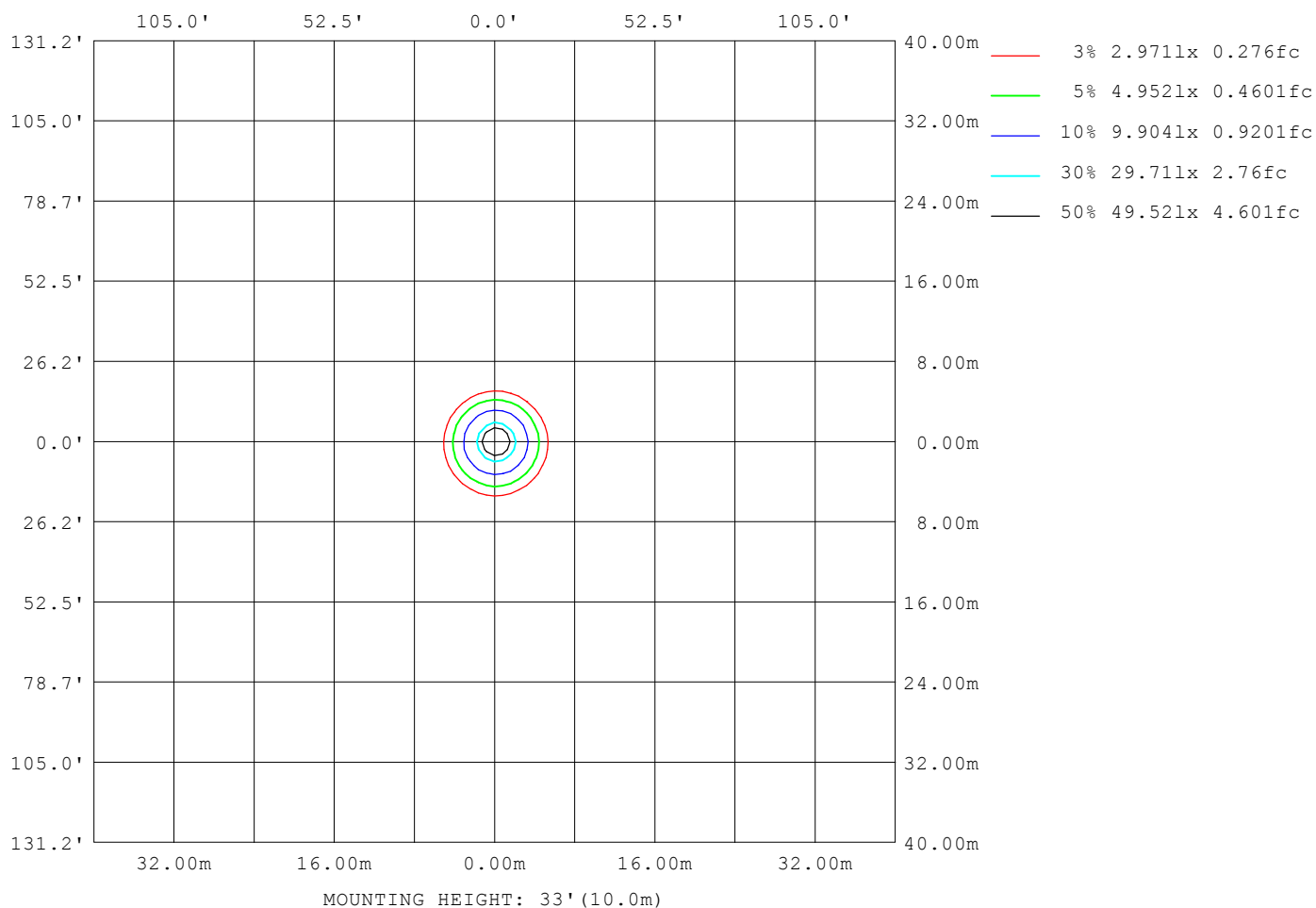
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-06

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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809		Lamp Flux:1584.7x1 lm
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K 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:2024-11-06

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:240.4V I:0.0628A P:14.8W PF:0.9784 Freq:49.99Hz		
UTHDi:0.16% ITHDi:6.25% KDisp:0.9809 Lamp Flux:1584.7x1 lm		
NAME: FUSION GT-TR01-AHD-020-COB-01SC 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

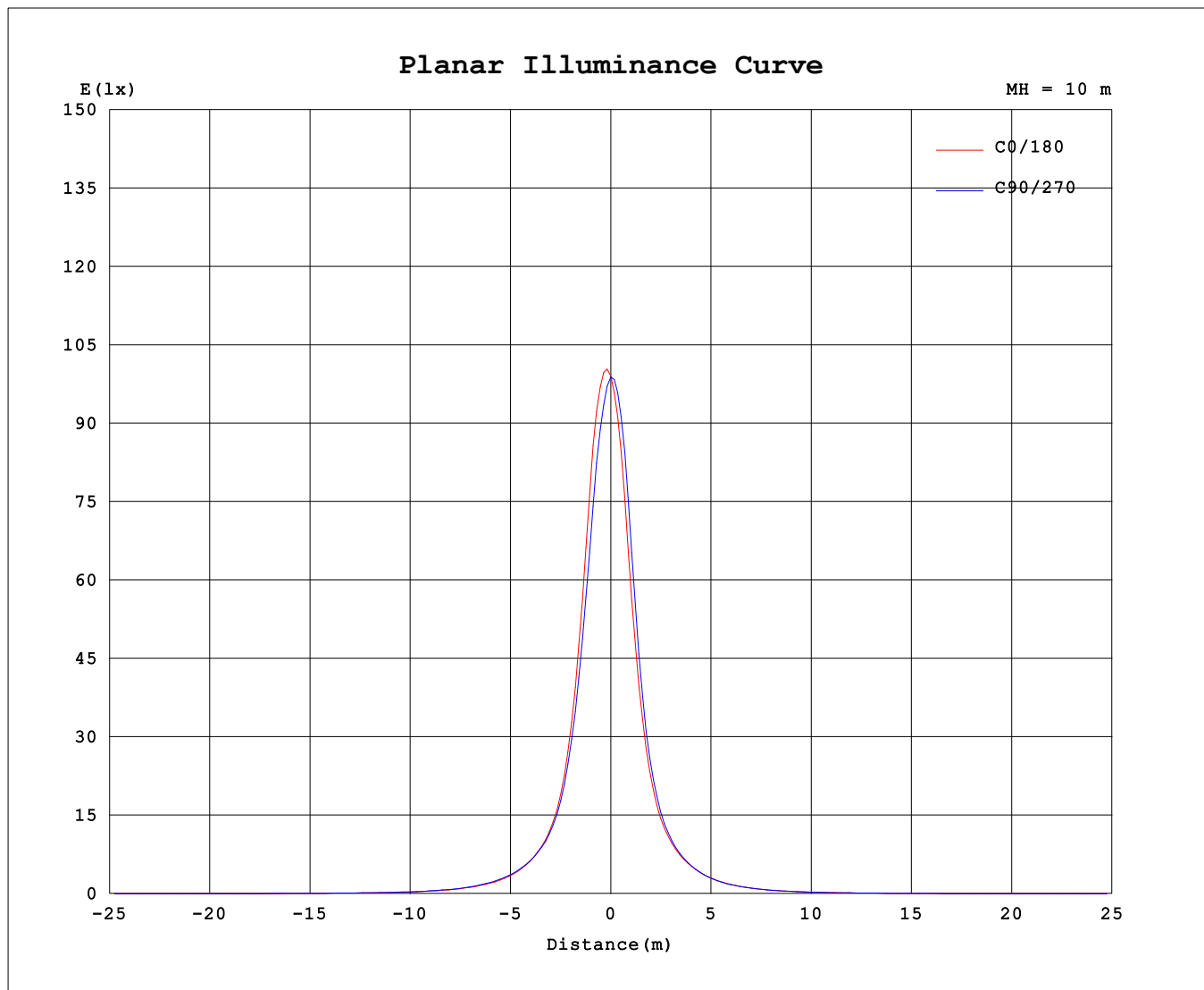
AvgL	cd/m2
L_0~180 (65) av	12524
L_0~180 (75) av	2601
L_0~180 (85) av	868
L_90~270 (65) av	13008
L_90~270 (75) av	2575
L_90~270 (85) av	704
L_45 (65) av	12620
L_45 (75) av	2573
L_45 (85) av	691

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-11-06

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: 2024-11-06

$\gamma$  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	9885	9885	9885	9885	9885	9885	9885	9885
3.0	9716	9349	8911	8614	8485	8715	9159	9570
6.0	7767	7362	6645	6045	5708	5951	6632	7348
9.0	4927	4701	4290	3812	3463	3566	3931	4477
12.0	2911	2894	2658	2355	2113	2150	2329	2613
15.0	1788	1822	1693	1525	1391	1387	1492	1637
18.0	1201	1226	1170	1074	984.3	961.2	1026	1111
21.0	857.6	879.3	858.7	793.8	719.7	699.8	735.8	792.2
24.0	626.1	653.7	646.1	599.0	536.8	517.0	539.9	581.6
27.0	466.3	492.3	490.5	454.6	405.2	385.6	401.0	432.2
30.0	352.7	373.6	375.9	347.9	308.7	290.8	302.1	325.3
33.0	269.9	286.0	288.6	267.6	236.9	221.7	229.8	248.3
36.0	208.0	220.4	222.2	207.6	183.7	170.5	177.2	191.5
39.0	161.7	171.7	172.3	161.8	143.3	132.9	138.1	149.5
42.0	127.4	135.1	135.3	127.4	113.1	105.1	109.2	118.5
45.0	101.6	107.5	107.8	101.5	90.53	84.94	87.71	95.42
48.0	82.56	86.45	87.58	81.80	73.55	69.69	71.38	77.34
51.0	67.93	70.58	71.67	66.61	60.53	58.58	61.62	66.81
54.0	56.86	58.66	58.98	54.43	48.90	46.74	51.13	54.70
57.0	45.42	47.24	47.98	44.37	39.85	37.95	39.78	42.53
60.0	37.27	38.70	39.13	35.88	32.23	30.93	32.64	34.82
63.0	29.40	30.13	29.52	26.03	23.23	22.67	25.06	27.25
66.0	20.13	20.22	18.88	16.00	14.18	14.33	16.61	18.45
69.0	12.05	11.82	10.92	9.279	8.240	8.540	10.00	11.27
72.0	6.672	5.990	4.768	3.753	3.307	3.651	4.624	5.961
75.0	2.917	2.726	2.522	2.298	2.199	2.285	2.543	2.815
78.0	1.942	1.825	1.671	1.544	1.556	1.624	1.797	1.914
81.0	1.388	1.258	1.150	1.013	1.010	1.081	1.274	1.379
84.0	0.7220	0.5503	0.3524	0.2081	0.2247	0.2351	0.4472	0.6366
87.0	0.1844	0.1348	0.1330	0.0814	0.0909	0.0902	0.1520	0.1428
90.0	0.0641	0.0356	0.0639	0.0397	0.0433	0.0391	0.0524	0.0381

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Remarks: