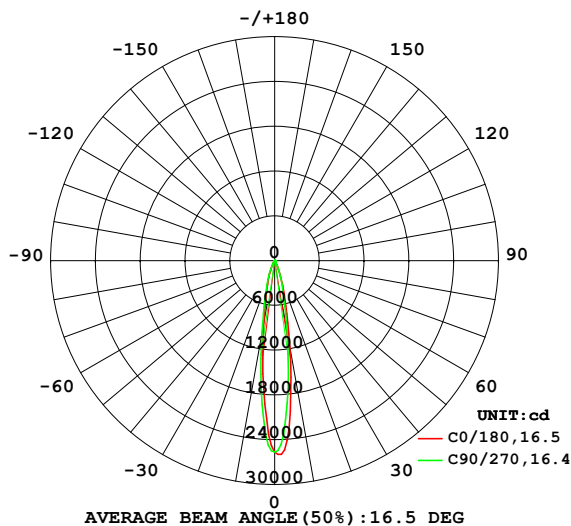


## LUMINAIRE PHOTOMETRIC TEST REPORT

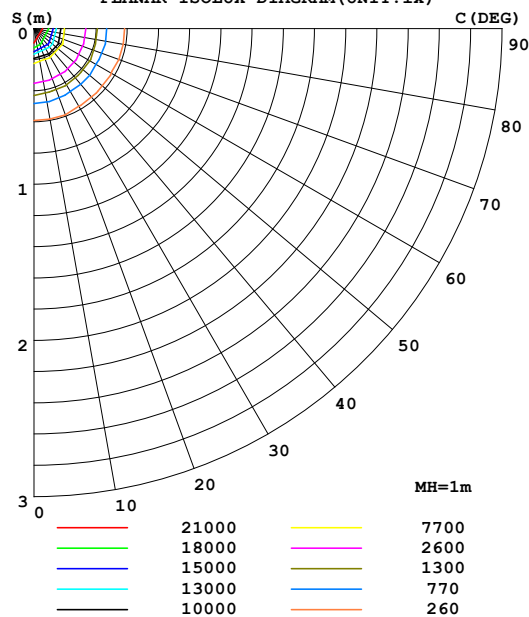
Test:U:240.3V I:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.48 lm/W			
MODEL		I <sub>max</sub> (cd)	25965	S/MH(C0/180)	0.25
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3722.0	η UP,DN(C0-180)	0.0,50.7
NOMINAL FLUX(lm)	3722.01	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.27	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:2024-10-29

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	1165	1094	972.1	882.2	846.2	884.9	989.1	1127	0- 10	1545	1545	41.5,41.5
20	262.2	244.5	229.5	225.6	233.0	244.9	258.5	261.0	10- 20	1380	2924	78.6,78.6
30	41.45	38.43	37.54	37.70	39.70	42.28	43.85	43.18	20- 30	515.8	3440	92.4,92.4
40	13.47	12.98	12.73	12.83	12.44	12.48	13.14	13.74	30- 40	140.6	3581	96.2,96.2
50	6.984	6.472	6.606	6.566	6.254	5.952	6.541	6.938	40- 50	70.42	3651	98.1,98.1
60	3.955	3.442	3.555	3.511	3.370	3.113	3.584	3.868	50- 60	44.52	3696	99.3,99.3
70	1.178	1.062	0.9460	0.7328	0.7183	0.7582	0.9697	1.107	60- 70	21.54	3717	99.9,99.9
80	0.1736	0.1705	0.1614	0.1465	0.1458	0.1478	0.1629	0.1636	70- 80	3.907	3721	100,100
90	0.0149	0.0092	0.0166	0.0103	0.0110	0.0094	0.0120	0.0085	80- 90	0.7337	3722	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): 3620.5 lm

%lum = 97.3%

%lamp = 97.3%

Conical surface Flux(120deg): 3695.8 lm

%lum = 99.3%

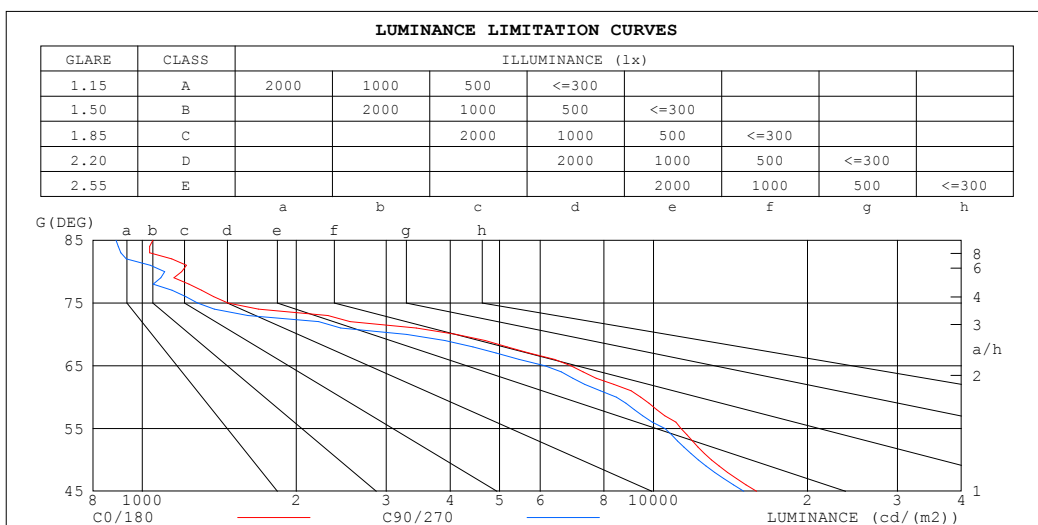
%lamp = 99.3%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-10-29

$\gamma$  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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



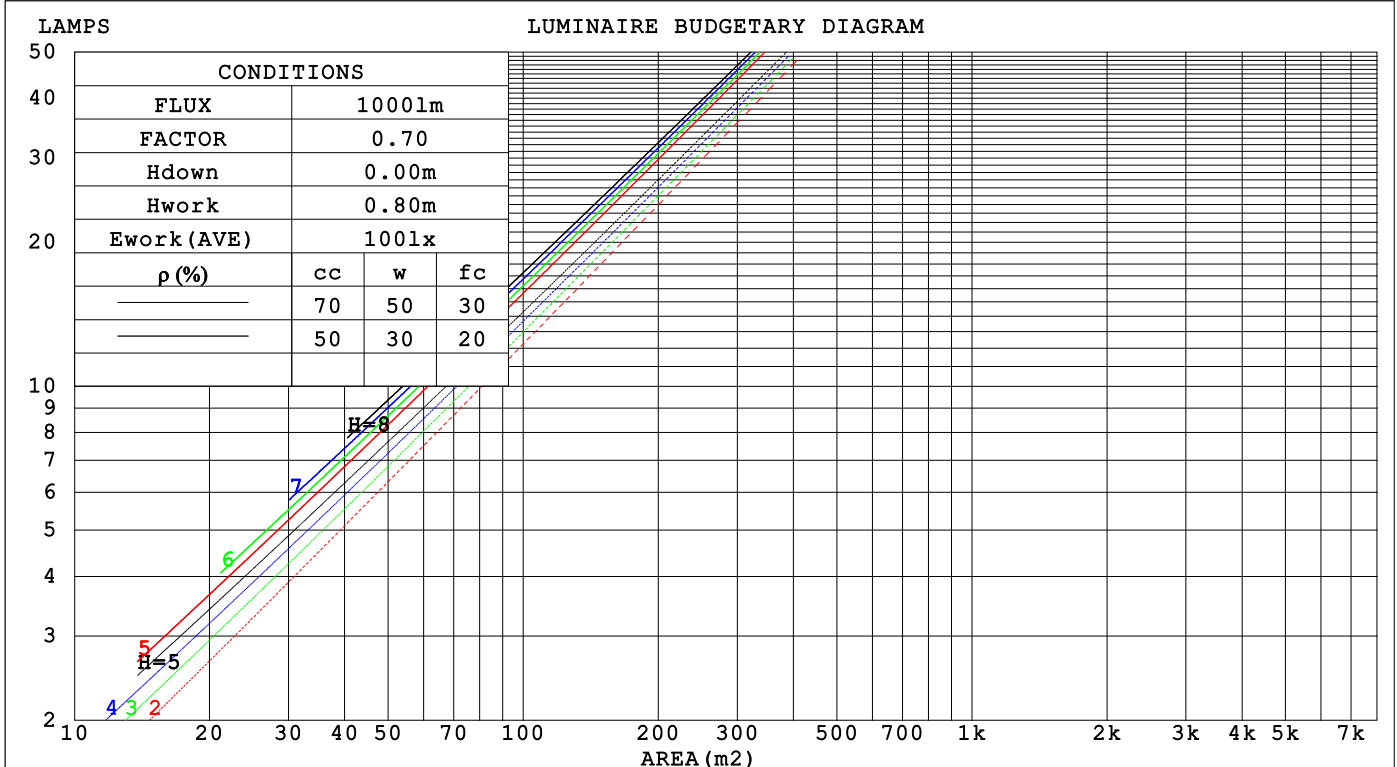
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-10-29

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:240.3V I:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D <del>TYPE:</del>	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	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	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.97
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.01	.99	.00	.98	.97	.97	.96	.95	.93
3.0	1.03	.99	.96	1.02	.98	.96	.99	.96	.94	.97	.95	.93	.95	.93	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.93	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.95	.91	.88	.93	.90	.87	.91	.89	.86	.90	.88	.86	.85
6.0	.92	.88	.85	.91	.88	.85	.90	.87	.84	.89	.86	.84	.88	.85	.83	.82
7.0	.89	.85	.82	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.84	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.82	.79	.77	.76
10.0	.82	.78	.76	.82	.78	.76	.81	.78	.75	.81	.77	.75	.80	.77	.75	.74



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-29

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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	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	.138	.078	.025	.131	.075	.024	.119	.068	.022	.107	.062	.020	.097	.056	.018		
2.0	.128	.070	.021	.122	.067	.021	.112	.062	.019	.103	.058	.018	.094	.053	.017		
3.0	.119	.063	.019	.115	.061	.018	.106	.057	.017	.098	.054	.016	.091	.050	.016		
4.0	.111	.058	.017	.108	.056	.017	.100	.053	.016	.094	.050	.015	.087	.048	.014		
5.0	.105	.053	.015	.101	.052	.015	.095	.050	.015	.090	.047	.014	.084	.045	.014		
6.0	.099	.049	.014	.096	.048	.014	.091	.046	.014	.086	.045	.013	.081	.043	.013		
7.0	.093	.046	.013	.091	.045	.013	.086	.044	.013	.082	.042	.012	.078	.041	.012		
8.0	.089	.043	.012	.087	.043	.012	.083	.041	.012	.079	.040	.012	.075	.039	.011		
9.0	.084	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011		
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.010	.073	.036	.010	.070	.035	.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	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.150	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014		
3.0	.135	.113	.096	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011		
4.0	.123	.098	.079	.105	.085	.068	.073	.059	.048	.042	.035	.029	.013	.011	.009		
5.0	.112	.086	.066	.096	.074	.057	.066	.052	.040	.038	.030	.024	.012	.010	.008		
6.0	.103	.076	.056	.089	.065	.049	.061	.046	.034	.036	.027	.020	.011	.009	.007		
7.0	.096	.067	.048	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006		
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005		
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004		
10.0	.078	.050	.031	.067	.043	.027	.047	.031	.019	.027	.018	.012	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-29

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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz											
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm											
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:						WEIGHT:					
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming lighting						SUR.: 104mm		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		13.4	14.0	13.6	14.2	14.3	13.1	13.7	13.3	13.9	14.0
	3H	13.7	14.3	13.9	14.5	14.6	13.3	13.9	13.5	14.1	14.3
	4H	13.6	14.2	13.9	14.4	14.6	13.2	13.8	13.5	14.0	14.2
	6H	13.6	14.1	13.8	14.3	14.6	13.2	13.7	13.4	13.9	14.2
	8H	13.5	14.0	13.8	14.3	14.5	13.1	13.7	13.4	13.9	14.2
	12H	13.5	14.0	13.8	14.2	14.5	13.1	13.6	13.4	13.9	14.1
4H	2H	13.5	14.1	13.8	14.3	14.5	13.2	13.8	13.5	14.0	14.2
	3H	13.8	14.3	14.1	14.6	14.9	13.5	14.0	13.8	14.2	14.5
	4H	13.8	14.2	14.1	14.5	14.8	13.4	13.9	13.7	14.2	14.5
	6H	13.7	14.1	14.1	14.4	14.8	13.3	13.8	13.7	14.1	14.4
	8H	13.6	14.0	14.0	14.4	14.7	13.3	13.7	13.7	14.0	14.4
	12H	13.6	14.0	14.0	14.3	14.7	13.2	13.6	13.6	14.0	14.3
8H	4H	13.6	14.0	14.0	14.4	14.7	13.3	13.7	13.7	14.0	14.4
	6H	13.6	13.9	14.0	14.3	14.7	13.2	13.5	13.6	13.9	14.3
	8H	13.5	13.8	14.0	14.2	14.7	13.2	13.5	13.6	13.9	14.3
	12H	13.5	13.7	13.9	14.2	14.6	13.1	13.4	13.6	13.8	14.3
12H	4H	13.6	13.9	14.0	14.3	14.7	13.2	13.6	13.6	14.0	14.3
	6H	13.5	13.8	14.0	14.2	14.6	13.2	13.4	13.6	13.9	14.3
	8H	13.5	13.7	13.9	14.1	14.6	13.1	13.4	13.6	13.8	14.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.1 / - 1.4				+ 1.0 / - 1.5					
1.5H		+ 1.7 / - 1.0				+ 1.5 / - 0.8					
2.0H		+ 1.5 / - 1.9				+ 1.6 / - 1.8					

CIE Pub.117, 3722 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.6$ )  
Area: 0.0084 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-29

$\gamma$  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:240.3V I:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:		WEIGHT:
SPEC.:		SERIAL No.:
MFR.: Norming lighting		Shielding Angle:
DIM.:		
SUR.: 104mm		

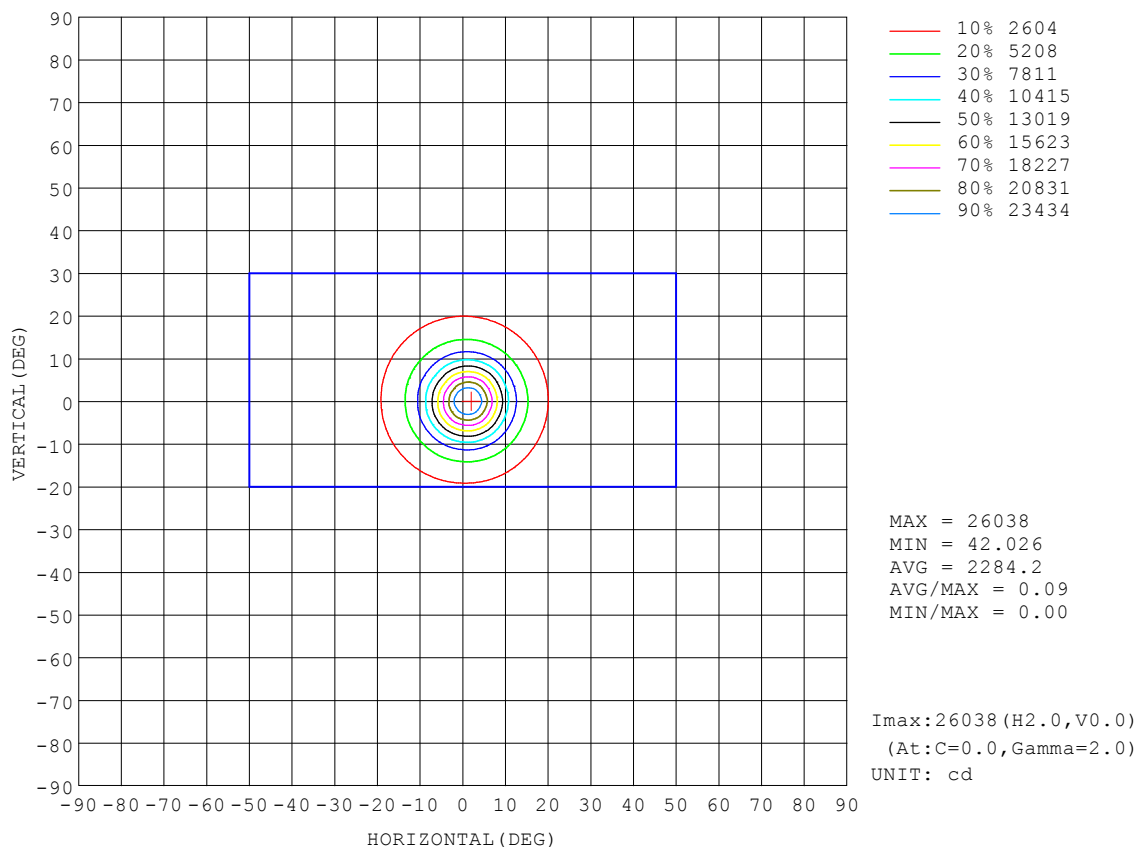
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	95	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	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: 2024-10-29

$\gamma$  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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-10-29

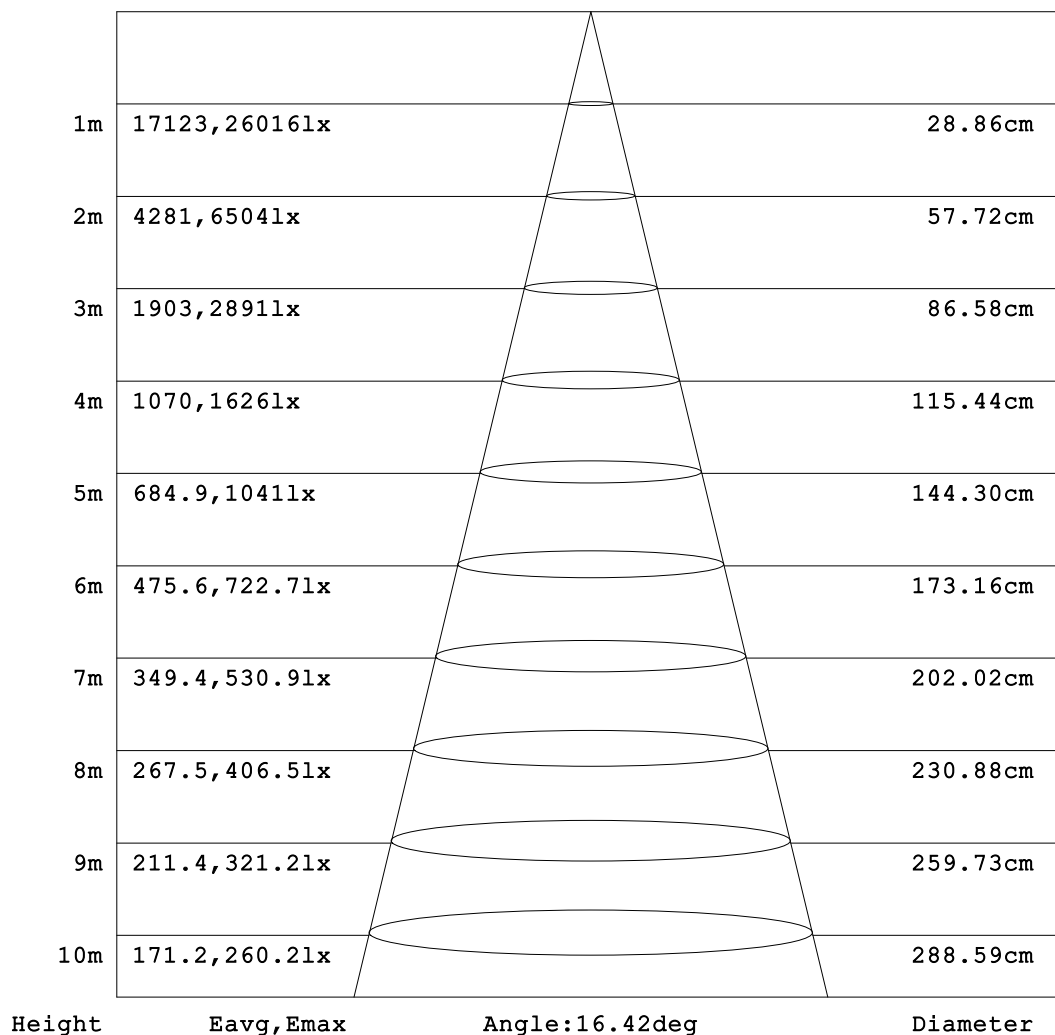
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:



AAI Figure

Test:U:240.3V I:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853		Lamp Flux:3722.01x1 lm
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

Flux out:1349 lm



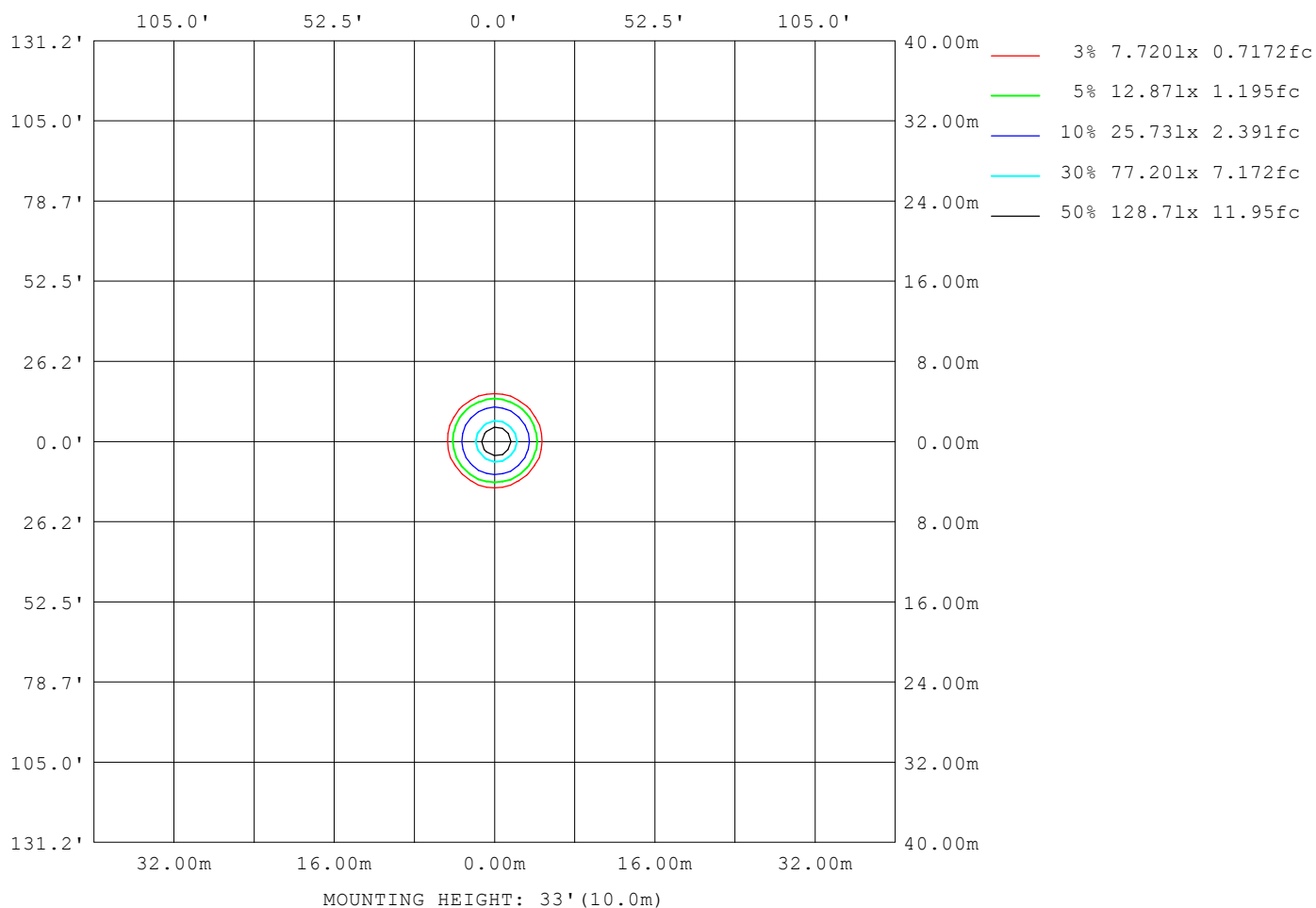
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-29

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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853		Lamp Flux:3722.01x1 lm
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2024-10-29

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:0.1479A P:35.0W PF:0.9836 Freq:49.99Hz		
UTHDi:0.17% ITHDi:5.60% KDisp:0.9853 Lamp Flux:3722.01x1 lm		
NAME: FUSION GT-TR02-AHD-035-COB-01SC 4000K RA90 15D TYPE:	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

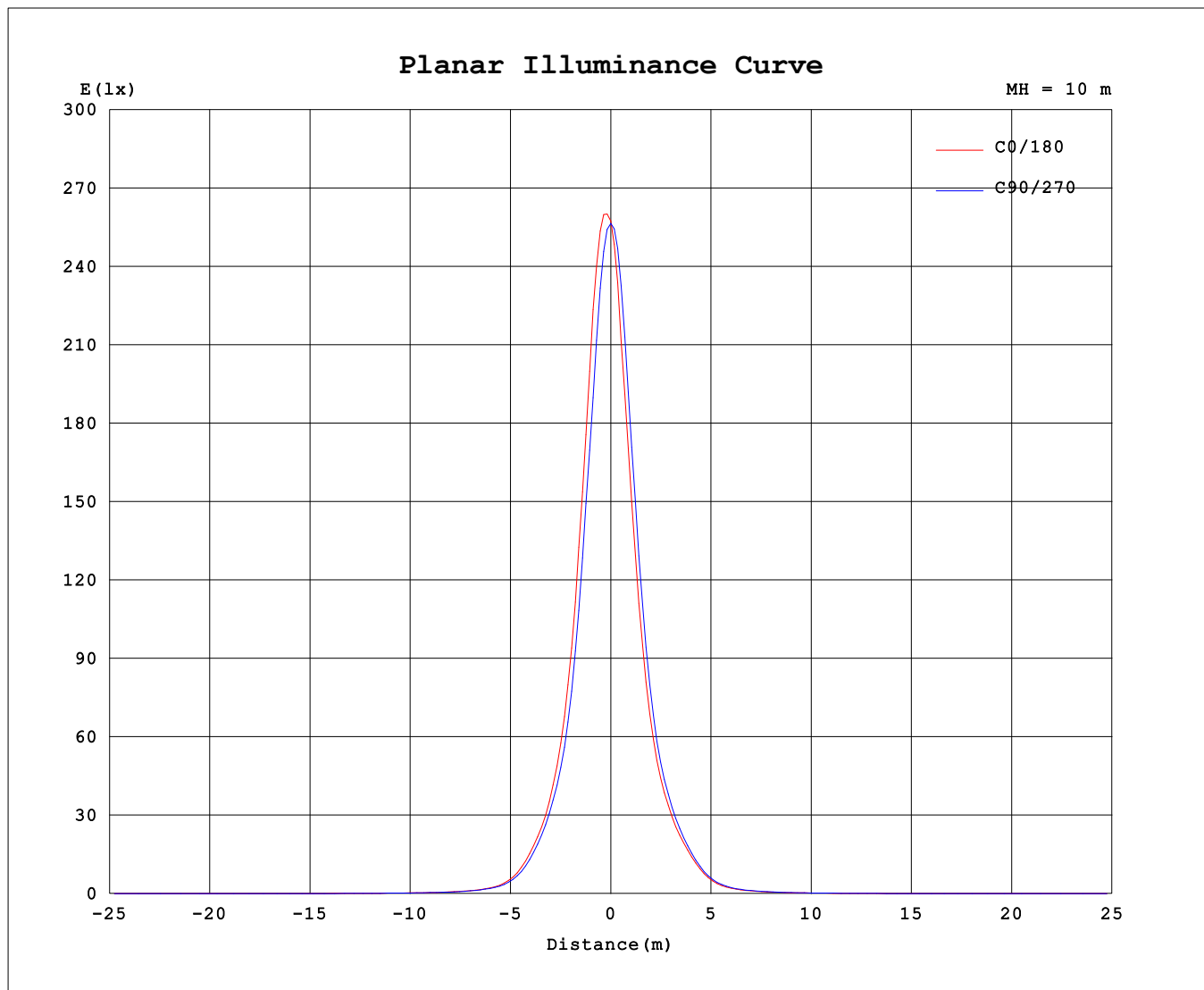
AvgL	cd/m2
L_0~180 (65) av	6293
L_0~180 (75) av	1326
L_0~180 (85) av	886
L_90~270 (65) av	6283
L_90~270 (75) av	1302
L_90~270 (85) av	881
L_45 (65) av	6015
L_45 (75) av	1293
L_45 (85) av	788

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-10-29

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: 2024-10-29

$\gamma$  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	25660	25660	25660	25660	25660	25660	25660	25660
3.0	25399	24622	23277	21967	21182	21699	23373	24886
6.0	20262	19215	17257	16043	15181	15518	17375	19517
9.0	13728	12990	11252	10337	9850	10158	11501	13217
12.0	8524	7937	7020	6497	6294	6606	7296	8229
15.0	5426	5092	4616	4339	4282	4473	4852	5217
18.0	3485	3281	3076	2970	2981	3132	3353	3462
21.0	2261	2085	1960	1954	2042	2150	2247	2239
24.0	1326	1188	1119	1142	1250	1333	1380	1341
27.0	717.9	648.5	620.1	635.5	693.3	749.1	772.7	749.3
30.0	414.5	384.3	375.4	377.0	397.0	422.8	438.5	431.8
33.0	275.2	259.2	254.7	254.6	258.7	269.0	280.7	284.5
36.0	195.5	187.1	183.0	184.3	182.7	186.1	195.2	201.6
39.0	146.7	141.3	138.3	139.6	136.0	136.7	143.9	150.1
42.0	115.3	110.5	109.0	109.7	105.6	105.2	111.1	116.8
45.0	94.19	88.77	89.19	88.75	84.88	83.73	89.04	94.60
48.0	78.15	72.91	74.01	73.58	70.06	67.48	73.44	77.79
51.0	66.29	61.14	62.54	62.23	59.39	56.25	62.04	65.80
54.0	57.20	52.01	53.52	53.49	51.40	47.86	53.58	56.60
57.0	47.98	42.27	43.57	43.49	41.45	38.27	43.53	46.72
60.0	39.55	34.42	35.55	35.11	33.70	31.13	35.84	38.68
63.0	29.38	25.59	26.52	26.39	25.99	23.78	27.57	29.06
66.0	21.82	18.78	18.65	18.09	17.61	16.24	20.00	21.39
69.0	14.05	12.34	11.76	10.56	9.903	9.960	12.35	13.61
72.0	6.599	6.253	5.746	4.786	4.259	4.974	6.063	6.405
75.0	3.188	3.039	2.792	2.572	2.580	2.641	2.867	2.993
78.0	2.150	2.010	1.834	1.831	1.883	1.793	1.920	1.999
81.0	1.599	1.484	1.362	1.146	1.128	1.135	1.357	1.466
84.0	0.9044	0.8028	0.7884	0.6456	0.6681	0.6279	0.7686	0.7850
87.0	0.5057	0.3947	0.3932	0.2585	0.2590	0.2497	0.3897	0.3882
90.0	0.1493	0.0921	0.1658	0.1032	0.1096	0.0937	0.1196	0.0852

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