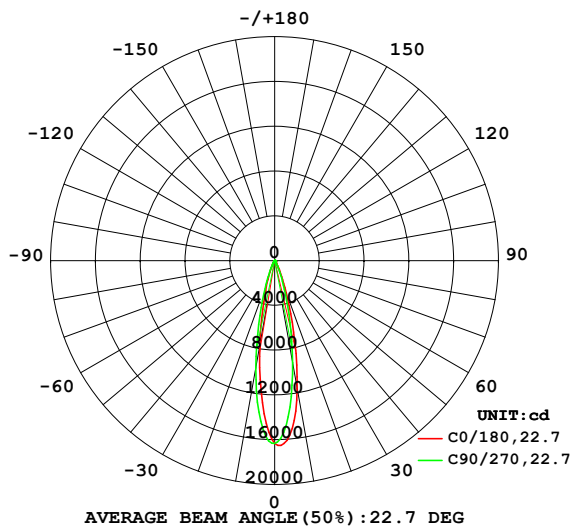


## LUMINAIRE PHOTOMETRIC TEST REPORT

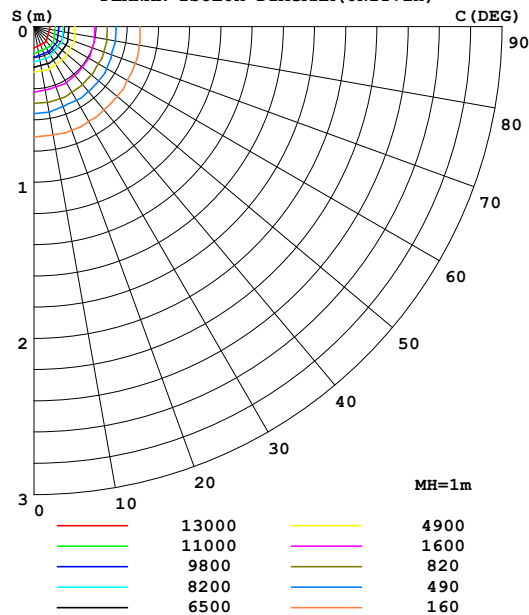
Test:U:240.4V I:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.38 lm/W			
MODEL		I <sub>max</sub> (cd)	16509	S/MH(C0/180)	0.32
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3475.7	η UP,DN(C0-180)	0.0,52.4
NOMINAL FLUX(lm)	3475.74	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,47.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.39	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: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

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	1161	1079	925.0	814.4	769.8	833.2	973.6	1112	0- 10	1205	1205	34.7,34.7
20	305.6	278.8	231.5	195.5	180.3	187.4	226.8	277.7	10- 20	1427	2632	75.7,75.7
30	57.86	55.10	46.86	40.90	39.12	39.48	44.58	51.51	20- 30	513.1	3145	90.5,90.5
40	18.32	17.26	14.90	13.56	13.53	14.04	15.41	17.01	30- 40	166.5	3311	95.3,95.3
50	8.997	8.458	7.344	6.589	6.800	7.190	7.747	8.115	40- 50	83.68	3395	97.7,97.7
60	4.749	4.595	3.997	3.353	3.387	3.586	4.048	4.184	50- 60	50.70	3446	99.1,99.1
70	1.761	1.523	1.027	0.6831	0.6039	0.6863	1.054	1.454	60- 70	24.78	3470	99.8,99.8
80	0.2288	0.2054	0.1691	0.1160	0.1065	0.1213	0.1839	0.2052	70- 80	4.620	3475	100,100
90	0.0295	0.0141	0.0135	0.0077	0.0088	0.0080	0.0126	0.0170	80- 90	0.8132	3476	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): 3358.4 lm

%lum = 96.6%

%lamp = 96.6%

Conical surface Flux(120deg): 3445.5 lm

%lum = 99.1%

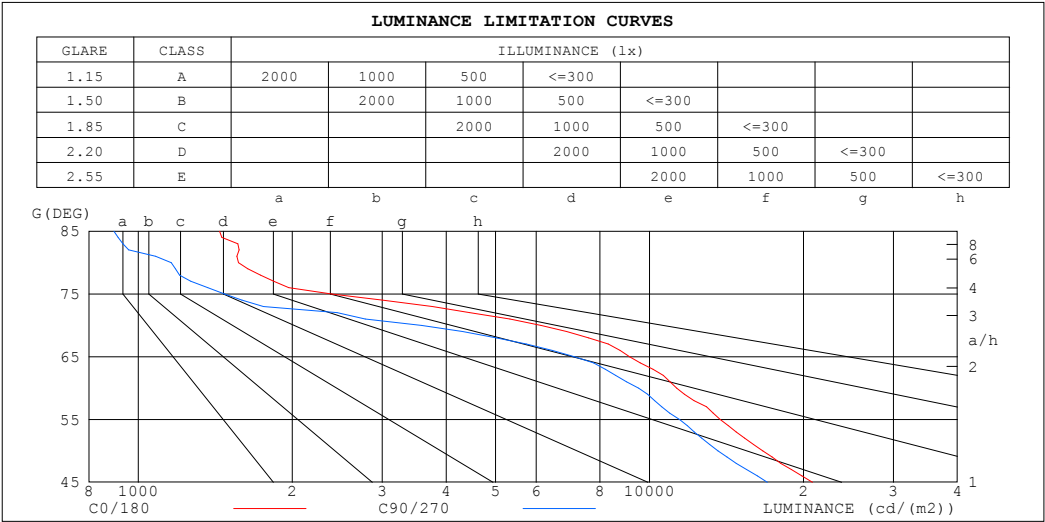
%lamp = 99.1%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

$\gamma$  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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1442	896
80	1569	1160
75	2391	1475
70	6130	3579
65	9141	7139
60	11310	9523
55	13744	11445
50	16667	13611
45	20837	16994

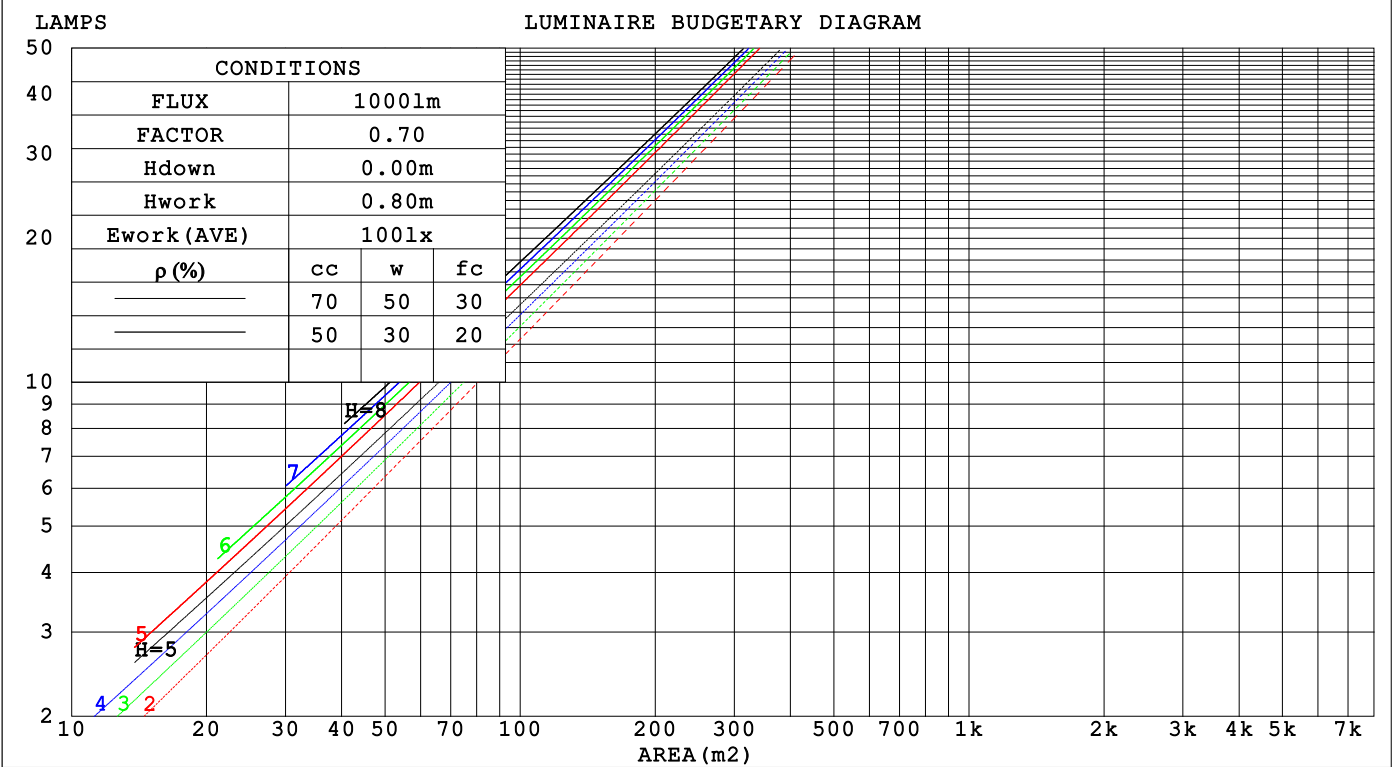
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

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:240.4V I:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921		
Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	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															
	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	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4.0	.98	.93	.90	.96	.93	.90	.94	.91	.89	.93	.90	.88	.91	.89	.87	.85
5.0	.94	.89	.86	.93	.89	.86	.91	.88	.85	.90	.87	.84	.88	.86	.84	.82
6.0	.90	.86	.83	.90	.85	.82	.88	.85	.82	.87	.84	.81	.86	.83	.81	.80
7.0	.87	.83	.80	.87	.82	.79	.85	.82	.79	.84	.81	.79	.83	.80	.78	.77
8.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
9.0	.82	.77	.75	.81	.77	.74	.80	.77	.74	.80	.76	.74	.79	.76	.74	.73
10.0	.79	.75	.72	.79	.75	.72	.78	.75	.72	.78	.74	.72	.77	.74	.72	.71



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz			UTHDi:0.20% ITHDi:43.94% KDisp:0.9921			Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W			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	.144	.082	.026	.137	.078	.025	.125	.072	.023	.114	.066	.021	.103	.060	.019															
2.0	.134	.074	.023	.129	.071	.022	.119	.066	.021	.109	.061	.019	.100	.057	.018															
3.0	.126	.067	.020	.121	.065	.020	.113	.061	.019	.105	.057	.018	.097	.054	.017															
4.0	.118	.061	.018	.114	.060	.018	.107	.057	.017	.100	.054	.016	.094	.051	.016															
5.0	.111	.057	.016	.108	.055	.016	.101	.053	.016	.096	.050	.015	.090	.048	.014															
6.0	.105	.053	.015	.102	.052	.015	.097	.050	.014	.092	.048	.014	.087	.046	.014															
7.0	.099	.049	.014	.097	.048	.014	.092	.047	.013	.088	.045	.013	.084	.044	.013															
8.0	.095	.046	.013	.092	.046	.013	.088	.044	.013	.084	.043	.012	.081	.041	.012															
9.0	.090	.044	.012	.088	.043	.012	.085	.042	.012	.081	.041	.012	.078	.040	.011															
10.0	.086	.041	.011	.085	.041	.011	.081	.040	.011	.078	.039	.011	.075	.038	.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	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.107	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.098	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.079	.053	.035	.054	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.081	.051	.031	.070	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz										
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921					Lamp Flux:3475.74x1 lm					
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W					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	15.5	16.2	15.7	16.3	16.5	14.7	15.4	15.0	15.6	15.7
3H	15.9	16.5	16.1	16.7	16.9	15.0	15.6	15.2	15.8	16.0
4H	15.8	16.4	16.1	16.6	16.9	14.9	15.5	15.2	15.7	15.9
6H	15.8	16.3	16.0	16.6	16.8	14.8	15.4	15.1	15.6	15.9
8H	15.7	16.3	16.0	16.5	16.8	14.8	15.4	15.1	15.6	15.8
12H	15.7	16.2	16.0	16.5	16.7	14.7	15.3	15.1	15.5	15.8
4H 2H	15.7	16.3	15.9	16.5	16.7	15.0	15.6	15.2	15.8	16.0
3H	16.0	16.6	16.3	16.8	17.1	15.2	15.8	15.5	16.0	16.3
4H	16.0	16.5	16.3	16.8	17.1	15.2	15.7	15.5	15.9	16.3
6H	15.9	16.4	16.3	16.7	17.0	15.1	15.5	15.5	15.8	16.2
8H	15.9	16.3	16.3	16.6	17.0	15.0	15.4	15.4	15.8	16.2
12H	15.8	16.2	16.2	16.6	17.0	15.0	15.4	15.4	15.7	16.1
8H 4H	15.9	16.3	16.3	16.6	17.0	15.1	15.5	15.4	15.8	16.2
6H	15.8	16.1	16.2	16.5	16.9	15.0	15.3	15.4	15.7	16.1
8H	15.8	16.1	16.2	16.5	16.9	14.9	15.2	15.4	15.6	16.1
12H	15.7	16.0	16.2	16.4	16.9	14.9	15.1	15.3	15.6	16.0
12H 4H	15.8	16.2	16.2	16.6	17.0	15.0	15.4	15.4	15.7	16.1
6H	15.8	16.1	16.2	16.5	16.9	14.9	15.2	15.4	15.6	16.1
8H	15.7	16.0	16.2	16.4	16.9	14.9	15.1	15.3	15.6	16.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.4					+ 1.1 / - 1.7				
1.5H	+ 1.9 / - 0.8					+ 1.4 / - 1.2				
2.0H	+ 1.6 / - 1.4					+ 1.4 / - 1.4				

CIE Pub.117, 3476 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.3$ )  
Area: 0.0084 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

$\gamma$  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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

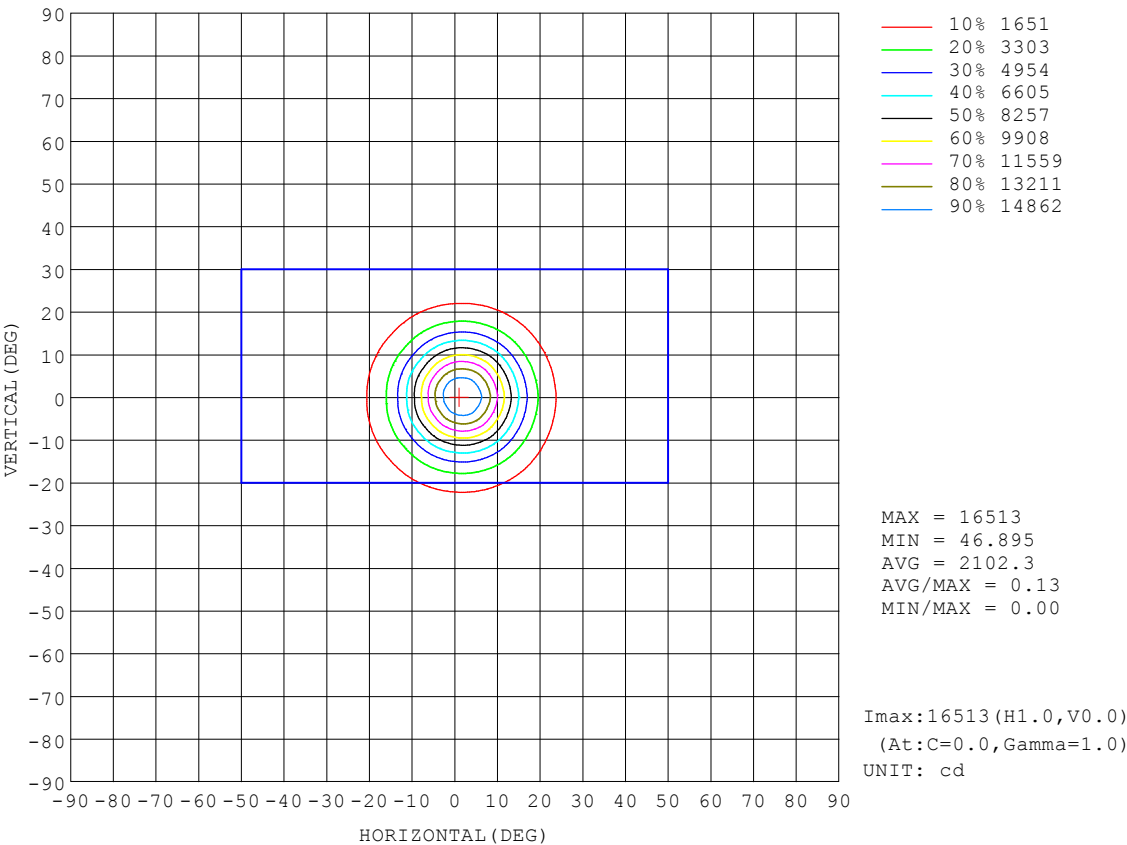
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
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: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:

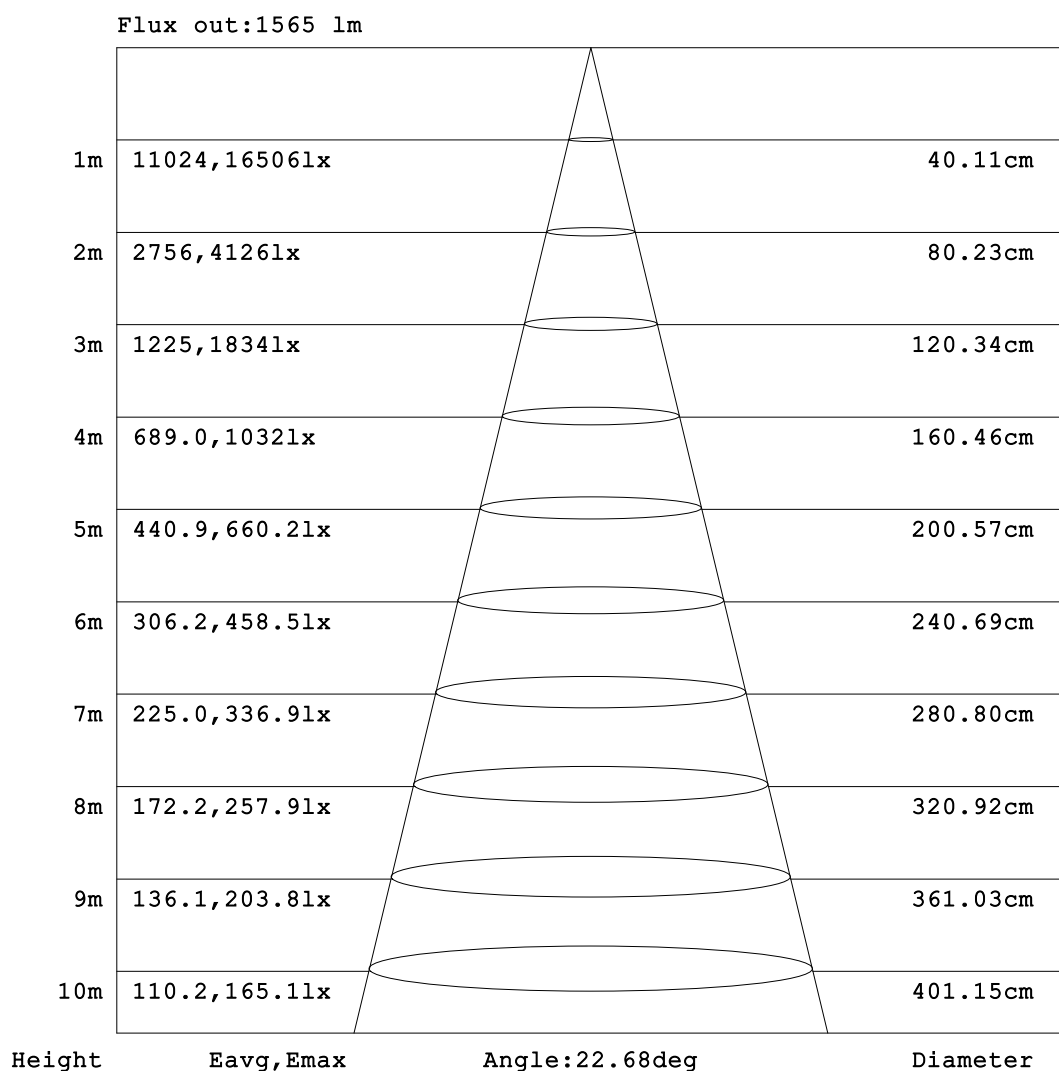


C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 45.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:3.090m [K=1.0000]
Test Date:2024-09-13	Remarks:



## AAI Figure

Test:U:240.4V I:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



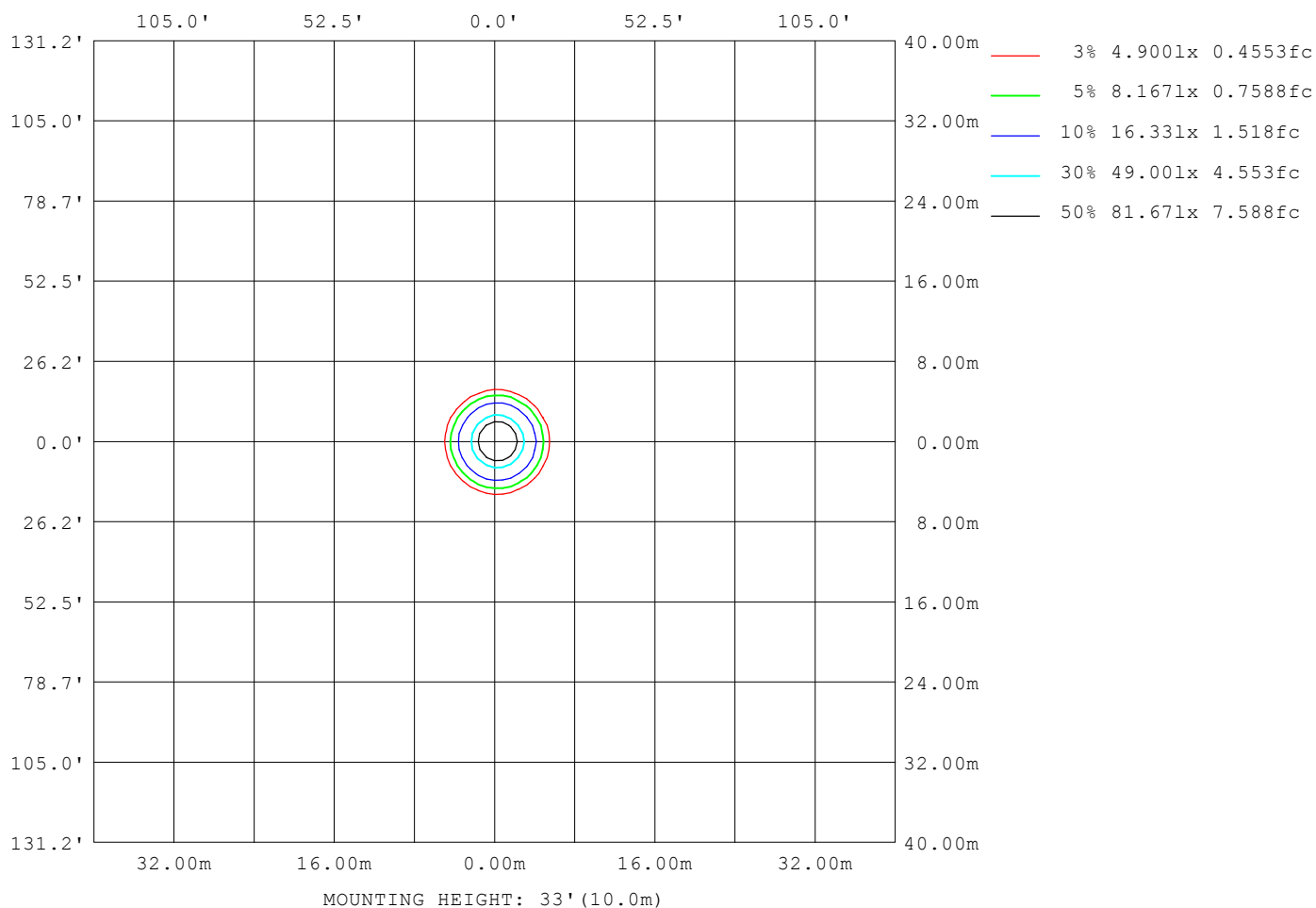
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-13

$\gamma$  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:

## ISOLUX DIAGRAM

Test:U:240.4V I:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz		
UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
NAME: TR11-35-XX-01+白色防眩环 3000K RA90 24D 35W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 104mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-13

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:0.1426A P:33.9W PF:0.9907 Freq:49.99Hz UTHDi:0.20% ITHDi:43.94% KDisp:0.9921 Lamp Flux:3475.74x1 lm		
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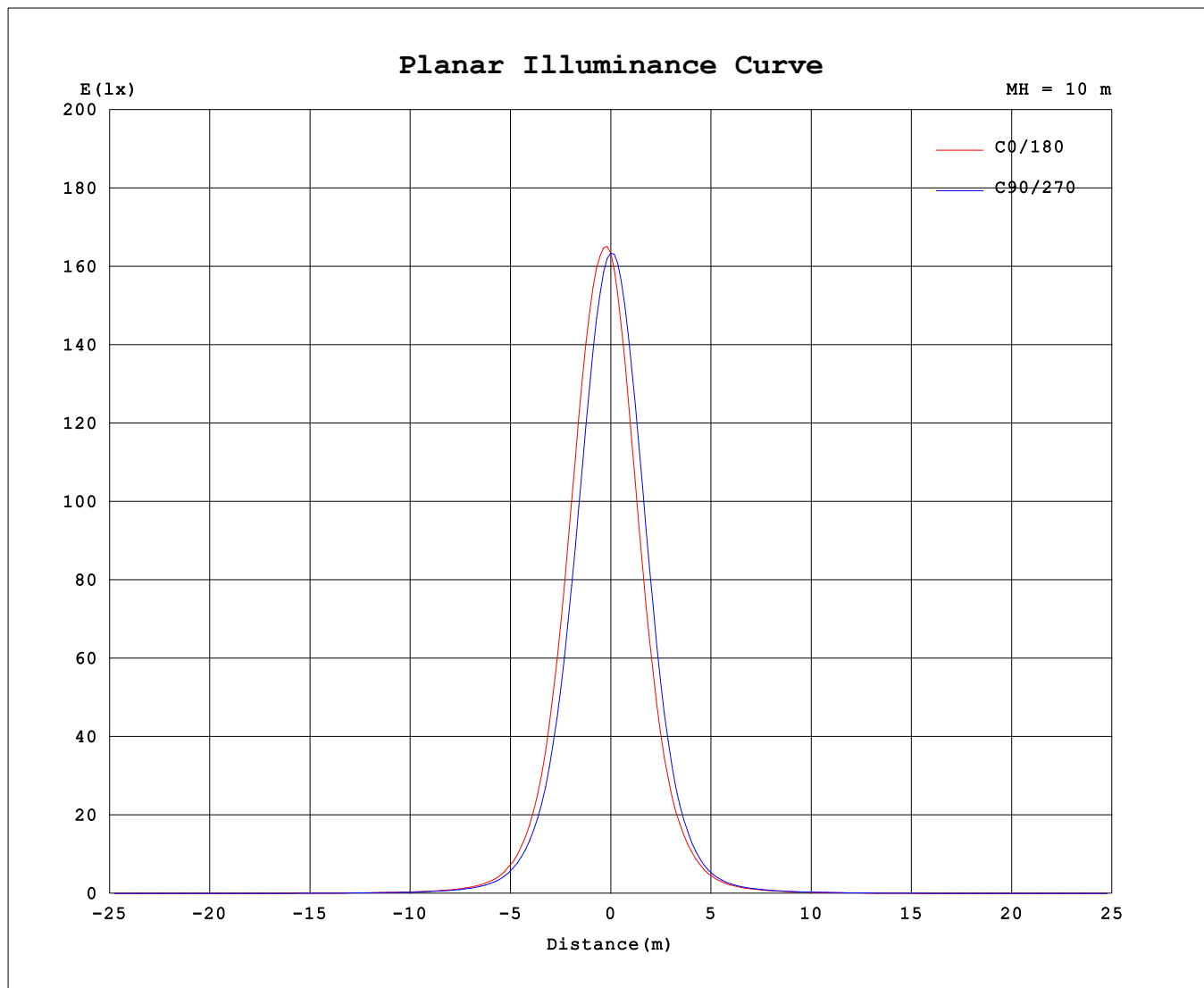
AvgL	cd/m2
L_0~180 (65) av	7144
L_0~180 (75) av	1706
L_0~180 (85) av	959
L_90~270 (65) av	7164
L_90~270 (75) av	1501
L_90~270 (85) av	965
L_45 (65) av	6987
L_45 (75) av	1509
L_45 (85) av	857

Standard: GB/T 29293-2012

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Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-13

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: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-13

$\gamma$  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	16331	16331	16331	16331	16331	16331	16331	16331
3.0	16344	16095	15386	14762	14565	14981	15691	16228
6.0	15077	14457	13154	12106	11740	12416	13610	14692
9.0	12627	11795	10242	9107	8667	9336	10772	12134
12.0	9536	8787	7379	6369	5960	6449	7746	9038
15.0	6606	6024	4972	4173	3845	4155	5093	6169
18.0	4230	3842	3164	2631	2425	2576	3154	3870
21.0	2596	2379	1981	1657	1551	1600	1949	2349
24.0	1580	1470	1229	1031	967.2	977.6	1158	1402
27.0	959.6	892.7	750.6	639.0	599.5	603.2	699.3	845.8
30.0	578.6	551.0	468.6	409.0	391.2	394.8	445.8	515.1
33.0	380.3	361.7	311.9	278.2	270.7	274.9	305.0	344.7
36.0	268.8	254.7	220.8	199.0	195.8	200.1	223.3	246.7
39.0	200.4	188.8	163.1	148.3	147.3	152.0	167.9	185.9
42.0	154.3	146.2	126.0	115.1	116.0	120.9	132.1	143.3
45.0	123.7	117.3	100.9	91.72	93.27	97.82	107.3	114.6
48.0	101.5	95.84	82.97	74.74	76.69	81.07	88.18	93.15
51.0	84.45	79.61	69.27	62.07	64.20	67.83	72.80	75.79
54.0	70.33	67.28	58.52	51.30	52.50	55.13	60.91	62.55
57.0	59.15	55.62	48.29	42.48	43.30	45.52	49.22	51.27
60.0	47.49	45.95	39.97	33.53	33.87	35.86	40.48	41.84
63.0	38.74	36.54	31.24	25.64	24.91	27.29	31.14	33.46
66.0	29.92	28.37	22.01	16.22	15.07	17.06	22.30	26.17
69.0	20.71	18.40	12.95	7.921	7.319	9.039	13.40	17.20
72.0	11.53	8.525	6.344	3.820	3.470	3.800	6.644	9.518
75.0	5.197	4.116	3.203	2.447	2.220	2.456	3.323	4.106
78.0	3.029	2.709	2.100	1.669	1.555	1.686	2.264	2.677
81.0	2.048	1.837	1.418	0.9490	0.9073	0.9869	1.591	1.841
84.0	1.278	1.030	0.8006	0.5065	0.4818	0.5392	0.9040	1.041
87.0	0.7335	0.5540	0.3780	0.1177	0.0986	0.1468	0.4533	0.5699
90.0	0.2946	0.1412	0.1345	0.0769	0.0877	0.0796	0.1262	0.1697

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