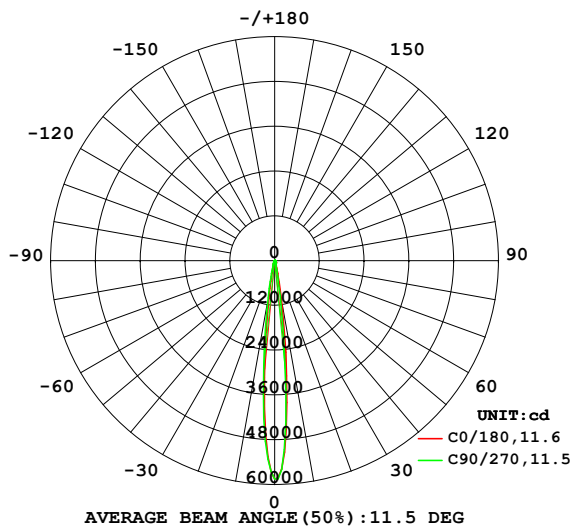


LUMINAIRE PHOTOMETRIC TEST REPORT

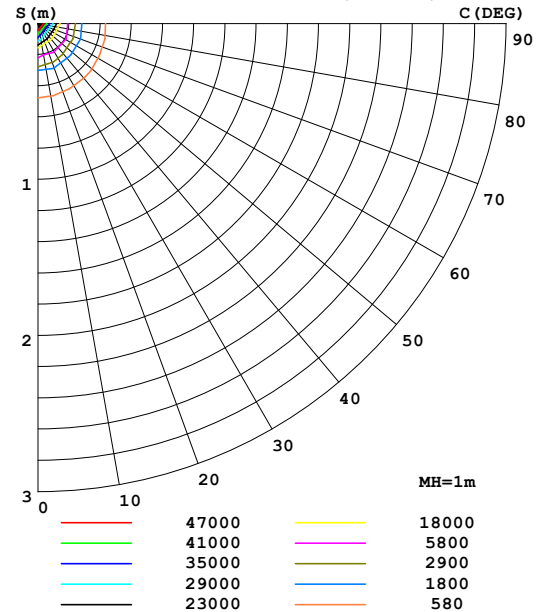
Test:U:240.4V I:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 89.80 lm/W
MODEL		I _{max} (cd)	58641	S/MH(C0/180)	0.19	
NOMINAL POWER(W)	45	LOR(%)	100.0	S/MH(C90/270)	0.21	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	4027.1	η UP,DN(C0-180)	0.0,48.6	
NOMINAL FLUX(lm)	4027.08	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.4	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.39	η down(%)	100.0	CIBSE SHR MAX	0.20	

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:2024-09-24

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1053	868.5	639.4	610.8	762.6	970.2	1012	1049	0- 10	2417	2417	60,60
20	126.9	117.5	100.3	97.31	106.9	122.4	129.1	130.8	10- 20	815.3	3232	80.3,80.3
30	51.94	46.49	40.96	40.30	45.69	50.94	53.30	54.11	20- 30	342.6	3575	88.8,88.8
40	24.36	22.24	20.20	20.55	22.42	24.28	24.97	25.28	30- 40	209.3	3784	94,94
50	11.87	11.05	10.21	10.20	11.13	12.03	12.36	12.37	40- 50	127.9	3912	97.1,97.1
60	5.433	4.888	4.408	4.241	4.821	5.432	5.637	5.721	50- 60	71.03	3983	98.9,98.9
70	1.902	1.843	1.795	1.637	1.697	1.751	1.860	1.971	60- 70	33.55	4016	99.7,99.7
80	0.3400	0.3449	0.3232	0.2851	0.2816	0.2648	0.2668	0.2899	70- 80	9.461	4026	100,100
90	0.0250	0.0175	0.0238	0.0131	0.0144	0.0127	0.0176	0.0121	80- 90	1.245	4027	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): 3856.1 lm

%lum = 95.8%

%lamp = 95.8%

Conical surface Flux(120deg): 3982.8 lm

%lum = 98.9%

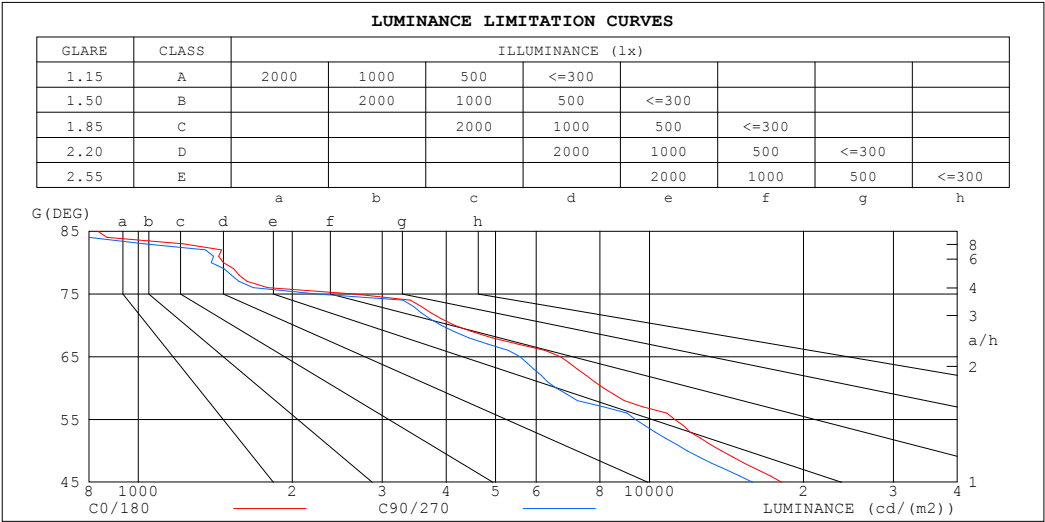
%lamp = 98.9%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:

LUMINANCE LIMITATION CURVES

Test:U:240.4V I:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	834	795
80	1466	1388
75	2651	2244
70	4164	3914
65	6692	5587
60	8137	6574
55	11206	9390
50	13824	11847
45	18140	15897

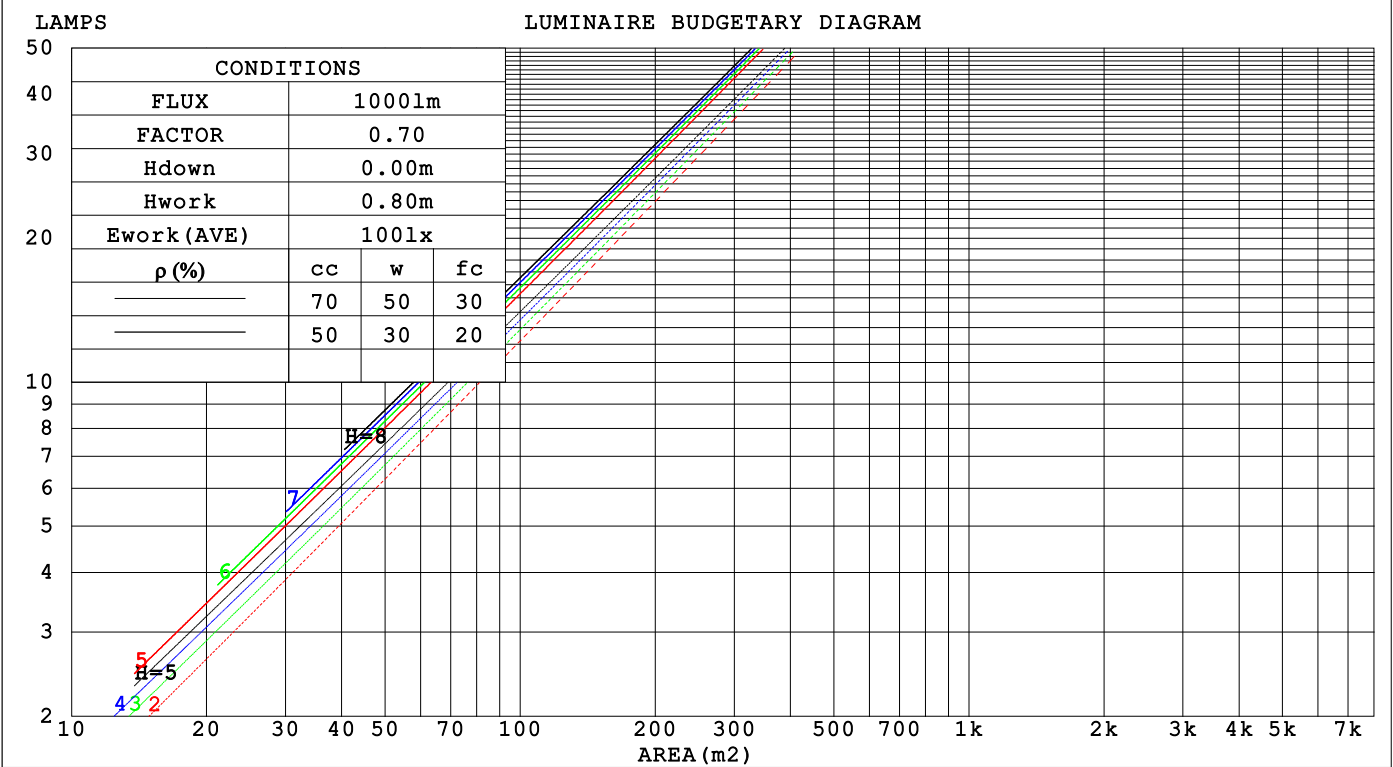
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz			UTHDi:0.21% ITHDi:30.44% KDisp:0.9945			Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: Norming lighting			SUR.: 131mm			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	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.03	1.02	1.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.07	1.04	1.02	1.03	1.01	.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.04	1.01	.98	1.03	.00	.97	1.00	.98	.96	.98	.96	.94	.96	.94	.93	.92
4.0	1.00	.97	.94	.99	.96	.93	.97	.95	.92	.96	.93	.91	.94	.92	.90	.89
5.0	.97	.94	.91	.96	.93	.90	.95	.92	.90	.93	.91	.89	.92	.90	.88	.87
6.0	.95	.91	.88	.94	.90	.88	.93	.90	.87	.91	.89	.87	.90	.88	.86	.85
7.0	.92	.89	.86	.92	.88	.86	.91	.88	.85	.90	.87	.85	.89	.86	.84	.84
8.0	.90	.87	.84	.90	.86	.84	.89	.86	.84	.88	.85	.83	.87	.85	.83	.82
9.0	.88	.85	.82	.88	.85	.82	.87	.84	.82	.87	.84	.82	.86	.83	.82	.81
10.0	.87	.83	.81	.86	.83	.81	.86	.83	.81	.85	.82	.80	.85	.82	.80	.79



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	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	.131	.075	.024	.124	.071	.023	.112	.064	.021	.101	.058	.019	.090	.052	.017															
2.0	.121	.066	.020	.116	.064	.020	.106	.059	.018	.096	.054	.017	.088	.050	.016															
3.0	.112	.060	.018	.108	.058	.017	.099	.054	.016	.091	.050	.015	.084	.047	.014															
4.0	.104	.054	.016	.100	.052	.016	.093	.049	.015	.087	.047	.014	.081	.044	.013															
5.0	.097	.049	.014	.094	.048	.014	.088	.046	.013	.082	.043	.013	.077	.041	.012															
6.0	.091	.045	.013	.088	.044	.013	.083	.042	.012	.078	.041	.012	.074	.039	.011															
7.0	.085	.042	.012	.083	.041	.012	.078	.040	.011	.074	.038	.011	.070	.037	.011															
8.0	.080	.039	.011	.078	.039	.011	.074	.037	.011	.071	.036	.010	.067	.035	.010															
9.0	.076	.037	.010	.074	.036	.010	.071	.035	.010	.068	.034	.010	.065	.033	.009															
10.0	.072	.035	.010	.070	.034	.009	.067	.033	.009	.065	.032	.009	.062	.031	.009															

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	.149	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.088	.079	.072	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.046	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.069	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.095	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.086	.065	.049	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.092	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.085	.060	.042	.074	.052	.037	.051	.036	.026	.030	.021	.016	.010	.007	.005	
9.0	.079	.054	.037	.068	.047	.032	.047	.033	.023	.028	.019	.014	.009	.006	.005	
10.0	.074	.049	.032	.064	.043	.028	.044	.030	.020	.026	.018	.012	.008	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz											
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945					Lamp Flux:4027.08x1 lm						
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming lighting						SUR.: 131mm		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	14.8	15.4	15.0	15.5	15.7	14.0	14.6	14.2	14.8	14.9
	3H	15.0	15.6	15.3	15.8	16.0	14.3	14.9	14.6	15.1	15.3
	4H	15.1	15.6	15.3	15.8	16.0	14.4	14.9	14.6	15.1	15.3
	6H	15.0	15.5	15.3	15.8	16.0	14.3	14.8	14.6	15.1	15.3
	8H	15.0	15.5	15.3	15.7	16.0	14.3	14.8	14.6	15.0	15.3
	12H	14.9	15.4	15.2	15.7	15.9	14.2	14.7	14.5	15.0	15.2
4H	2H	14.9	15.4	15.1	15.6	15.8	14.2	14.8	14.5	15.0	15.2
	3H	15.2	15.7	15.5	15.9	16.2	14.6	15.0	14.9	15.3	15.6
	4H	15.2	15.7	15.6	16.0	16.3	14.6	15.1	14.9	15.3	15.6
	6H	15.2	15.6	15.5	15.9	16.2	14.6	15.0	14.9	15.3	15.6
	8H	15.1	15.5	15.5	15.8	16.2	14.5	14.9	14.9	15.2	15.6
	12H	15.1	15.4	15.5	15.8	16.2	14.5	14.8	14.9	15.2	15.6
8H	4H	15.1	15.5	15.5	15.8	16.2	14.5	14.9	14.9	15.2	15.6
	6H	15.1	15.4	15.5	15.8	16.2	14.5	14.8	14.9	15.2	15.6
	8H	15.0	15.3	15.5	15.7	16.2	14.4	14.7	14.9	15.1	15.6
	12H	15.0	15.2	15.5	15.7	16.1	14.4	14.6	14.9	15.1	15.5
12H	4H	15.1	15.4	15.5	15.8	16.2	14.5	14.8	14.9	15.2	15.6
	6H	15.0	15.3	15.5	15.7	16.1	14.4	14.7	14.9	15.1	15.6
	8H	15.0	15.2	15.5	15.7	16.1	14.4	14.6	14.9	15.1	15.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.7					+ 1.2 / - 1.7				
1.5H		+ 1.7 / - 0.9					+ 1.1 / - 1.0				
2.0H		+ 2.3 / - 2.1					+ 2.3 / - 2.3				

CIE Pub.117, 4027 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.8$)
Area: 0.0134 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:240.4V I:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

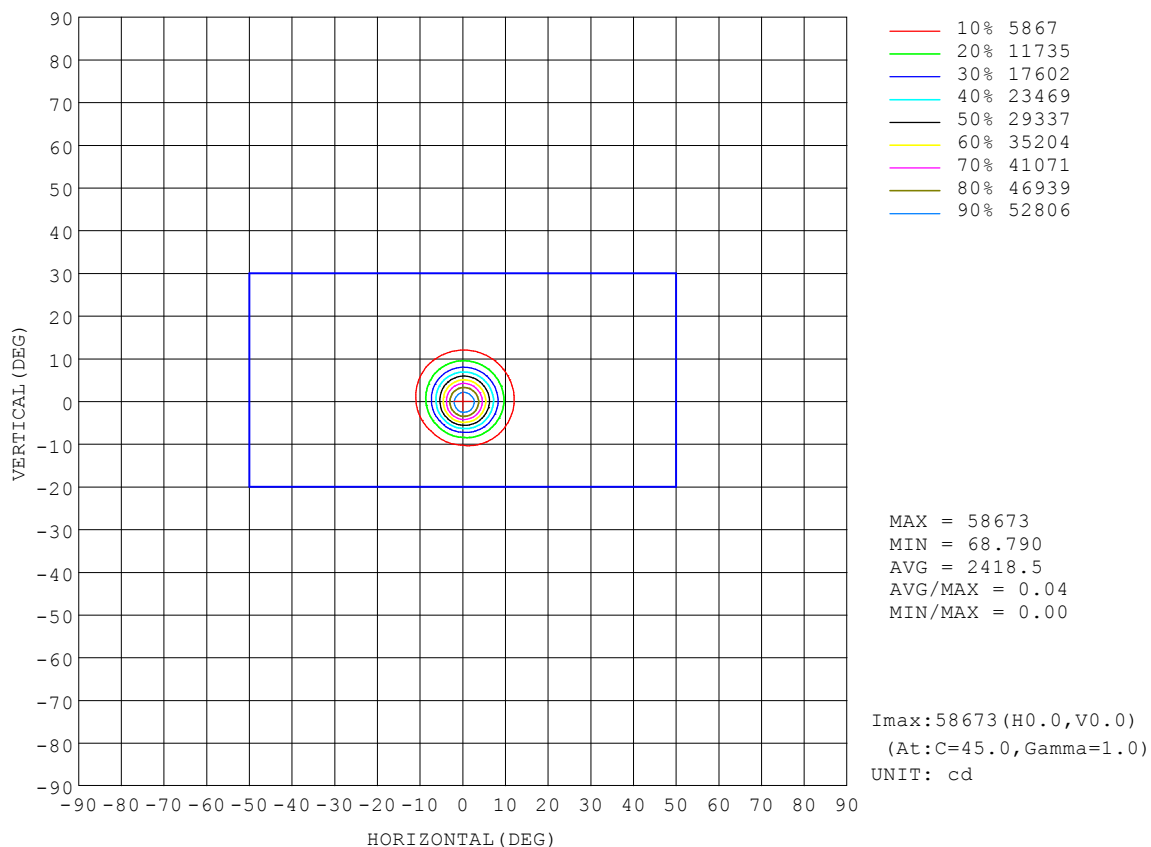
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	78	74
0.80	95	89	86	94	89	86	93	88	85	82
1.00	99	94	90	99	93	90	97	93	90	86
1.25	103	98	95	102	98	94	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	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: 2024-09-24

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:

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

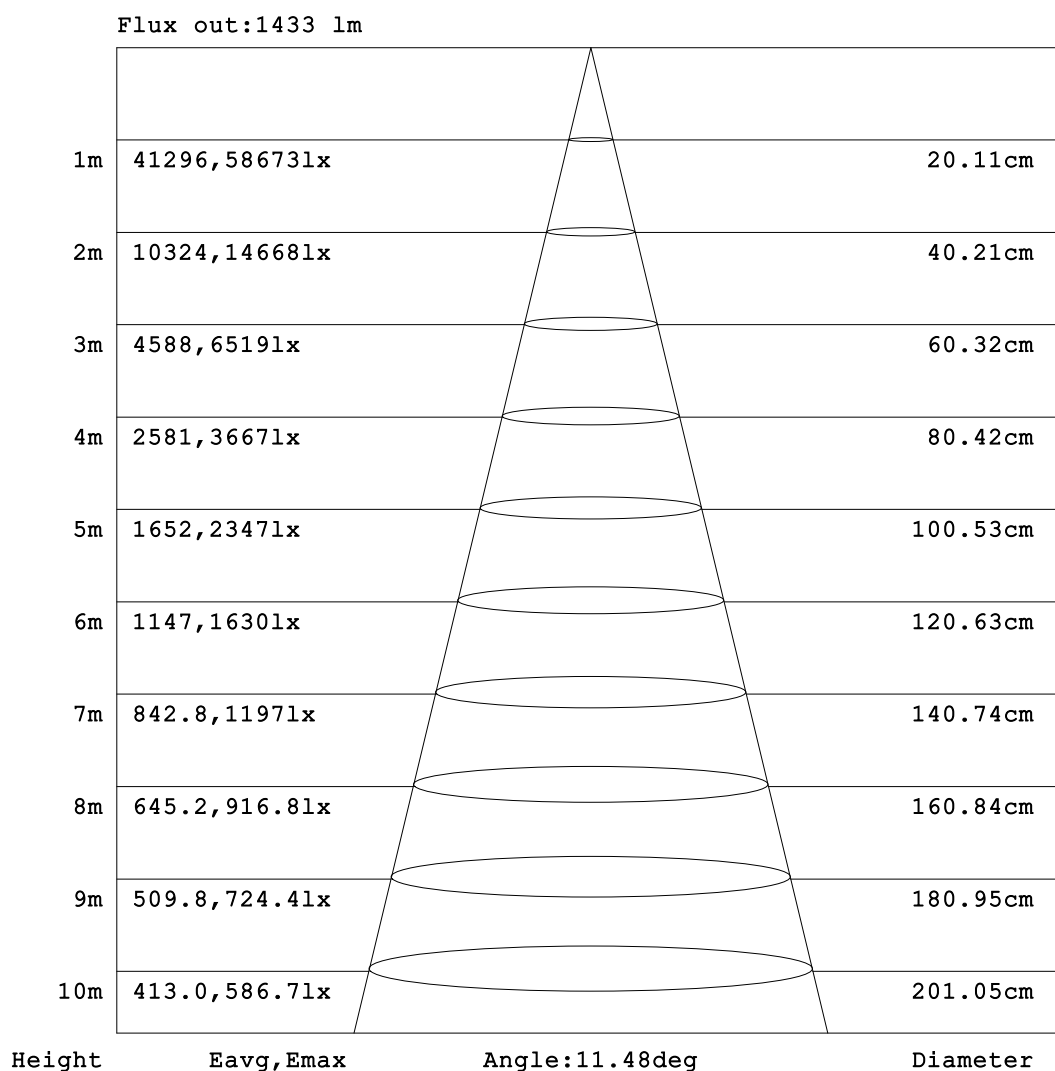


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



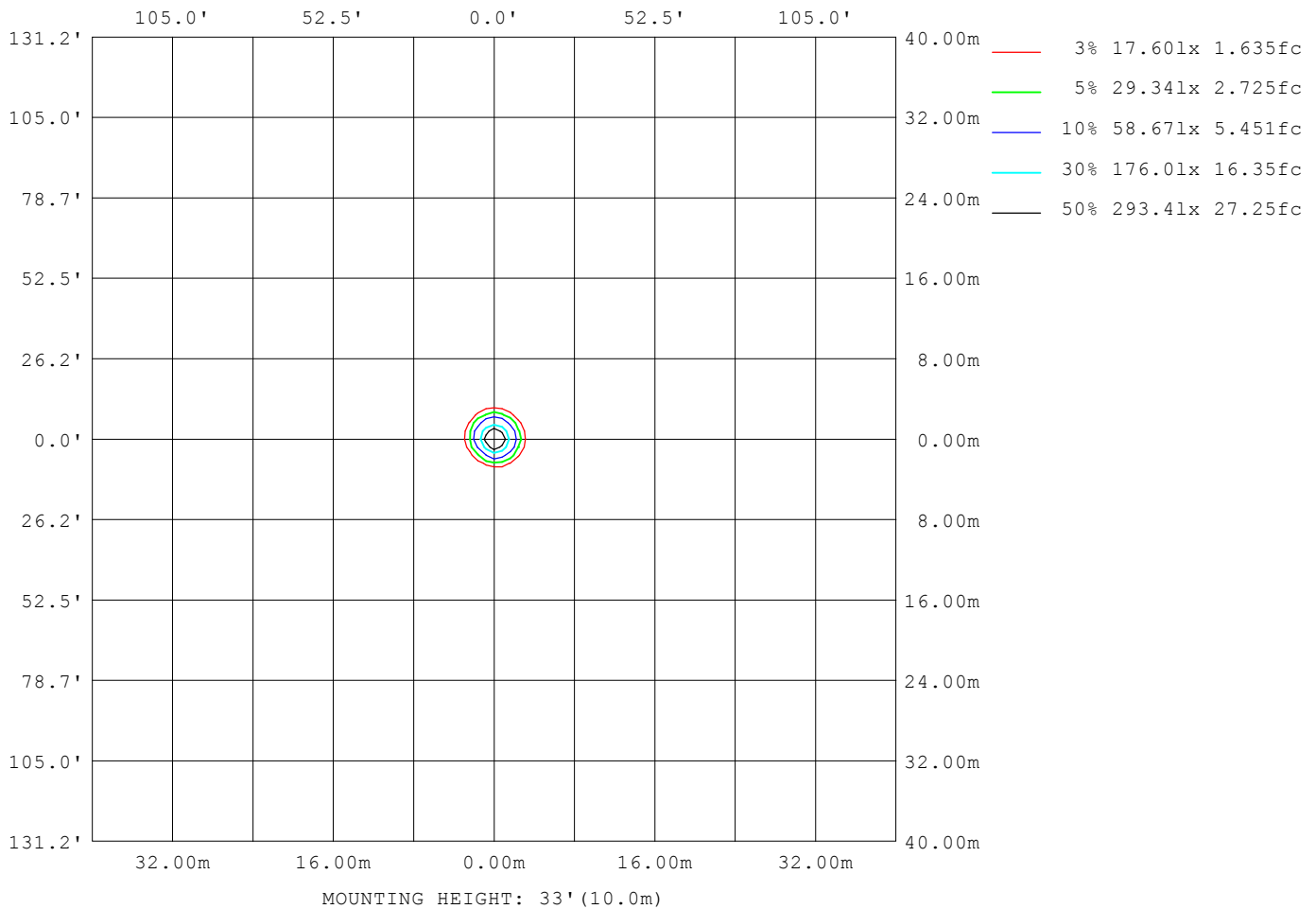
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-24

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:0.1879A P:44.8W PF:0.9926 Freq:49.99Hz		
UTHDi:0.21% ITHDi:30.44% KDisp:0.9945 Lamp Flux:4027.08x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 45W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

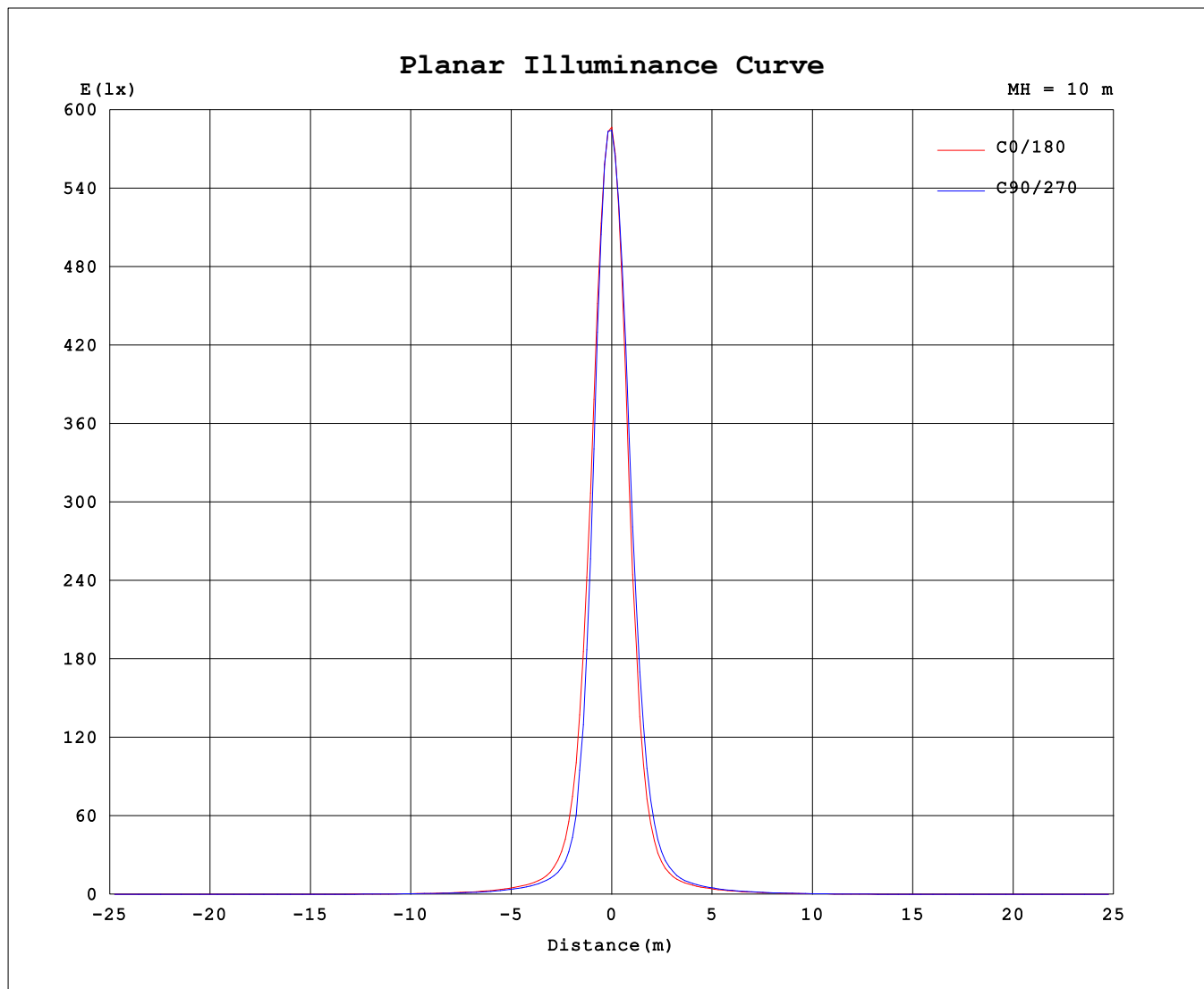
AvgL	cd/m2
L_0~180 (65) av	6212
L_0~180 (75) av	2108
L_0~180 (85) av	741
L_90~270 (65) av	6191
L_90~270 (75) av	1998
L_90~270 (85) av	738
L_45 (65) av	6162
L_45 (75) av	2002
L_45 (85) av	657

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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



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C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-09-24

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:

```

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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	58476	58476	58476	58476	58476	58476	58476	58476
3.0	51369	51617	50720	48583	46910	47230	48430	49756
6.0	31111	29246	26123	24340	24766	26939	28609	29874
9.0	14218	12059	9875	8713	10267	12305	13380	13926
12.0	5944	4801	3499	3359	4362	5397	5836	6026
15.0	2886	2432	1893	1818	2217	2719	2887	2918
18.0	1649	1497	1249	1210	1350	1589	1682	1686
21.0	1139	1056	909.5	882.6	966.6	1101	1162	1178
24.0	866.4	790.3	686.8	669.0	743.9	838.1	885.0	901.1
27.0	670.9	605.4	531.0	518.6	581.5	653.1	688.9	699.7
30.0	519.4	464.9	409.6	403.0	456.9	509.4	533.0	541.1
33.0	410.9	368.7	326.1	325.5	368.6	406.9	423.3	429.2
36.0	330.7	297.2	263.9	266.5	297.8	326.0	337.3	343.1
39.0	261.5	238.5	214.1	217.9	238.9	260.5	268.3	271.6
42.0	210.6	194.0	178.3	180.2	196.4	211.1	217.7	219.5
45.0	171.3	162.1	150.8	149.3	159.5	170.8	175.9	177.6
48.0	137.0	128.1	118.9	118.9	131.0	140.1	143.7	144.0
51.0	110.6	102.7	95.39	94.65	102.9	111.7	114.9	114.7
54.0	91.48	83.54	77.26	76.34	83.15	92.24	94.39	94.23
57.0	70.49	66.59	59.29	53.85	59.79	67.63	70.46	71.35
60.0	54.33	48.88	44.08	42.41	48.21	54.32	56.37	57.21
63.0	43.85	39.48	36.17	34.59	39.23	43.70	45.67	46.35
66.0	33.88	31.13	28.89	26.26	27.79	30.02	32.51	34.46
69.0	21.47	20.66	19.91	18.08	19.07	19.63	20.84	22.13
72.0	15.38	14.99	14.81	13.66	14.05	14.27	15.11	15.98
75.0	9.162	8.703	7.789	6.219	5.457	5.504	6.067	7.350
78.0	4.374	4.417	4.241	3.834	3.659	3.539	3.708	3.946
81.0	2.998	3.062	2.942	2.617	2.551	2.410	2.468	2.640
84.0	1.212	1.135	1.122	0.9550	0.9574	0.8375	0.9610	0.9475
87.0	0.5937	0.4976	0.5399	0.3725	0.3519	0.3228	0.4642	0.4082
90.0	0.2498	0.1750	0.2380	0.1305	0.1438	0.1269	0.1756	0.1215

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