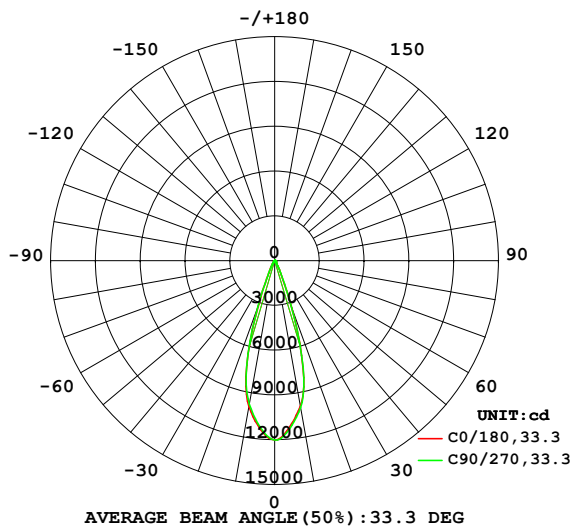


## LUMINAIRE PHOTOMETRIC TEST REPORT

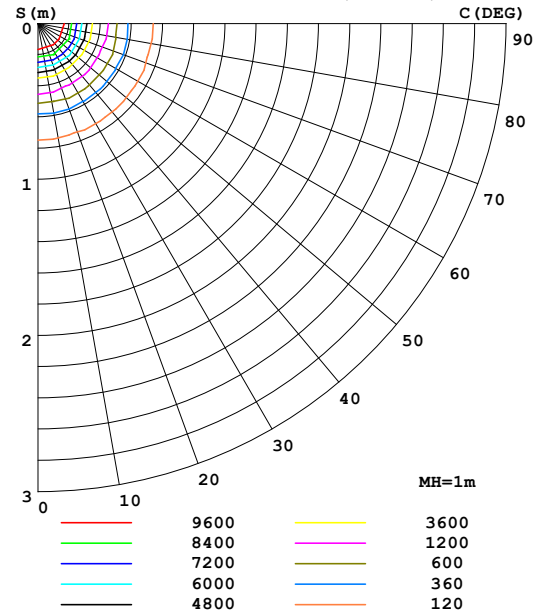
Test:U:240.4V I:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 100.03 lm/W
MODEL		Imax (cd)	12019	S/MH(C0/180)	0.50	
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.51	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3876.6	$\eta$ UP,DN(C0-180)	0.0,50.6	
NOMINAL FLUX(lm)	3876.64	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,49.4	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	240.36	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.50	

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:2024-09-24

$\gamma$  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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	991.6	1006	1001	1002	995.6	979.6	978.2	975.8	0- 10	1033	1033	26.6,26.6
20	343.9	353.9	336.5	328.8	324.0	321.8	334.1	337.5	10- 20	1895	2928	75.5,75.5
30	52.34	55.27	51.02	50.49	50.13	49.22	49.39	50.81	20- 30	612.0	3540	91.3,91.3
40	15.15	15.55	14.78	14.89	14.85	14.75	15.04	14.98	30- 40	176.8	3717	95.9,95.9
50	7.468	7.744	7.438	7.273	7.212	7.261	7.409	7.416	40- 50	82.26	3799	98,98
60	3.456	3.546	3.443	3.330	3.305	3.317	3.406	3.420	50- 60	47.10	3846	99.2,99.2
70	1.408	1.407	1.382	1.304	1.311	1.362	1.356	1.359	60- 70	22.90	3869	99.8,99.8
80	0.2150	0.2055	0.2097	0.2064	0.2148	0.2115	0.2147	0.2111	70- 80	6.868	3876	100,100
90	0.0155	0.0101	0.0156	0.0140	0.0167	0.0104	0.0117	0.0102	80- 90	0.8833	3877	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): 3762.7 lm

%lum = 97.1%

%lamp = 97.1%

Conical surface Flux(120deg): 3846 lm

%lum = 99.2%

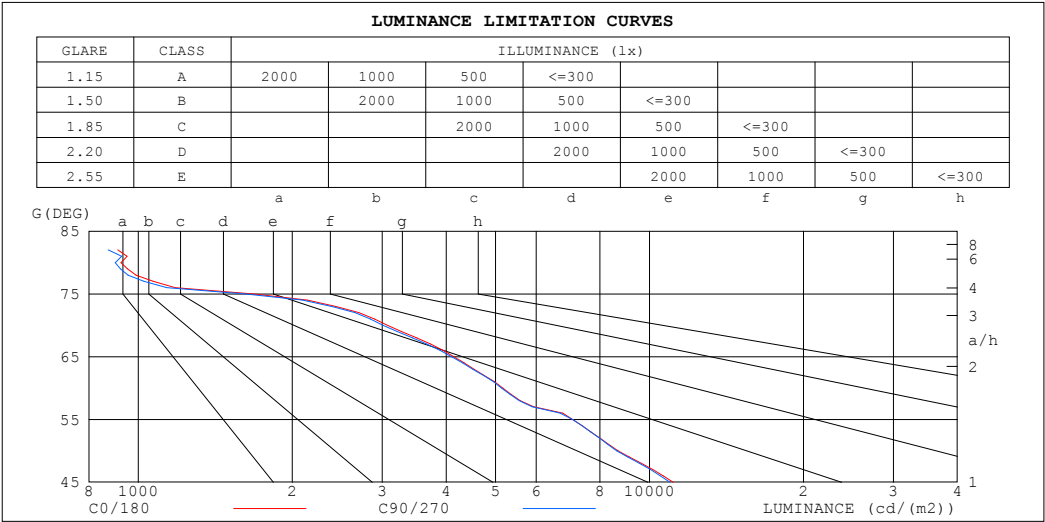
%lamp = 99.2%

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

$\gamma$  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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932		Lamp Flux:3876.64x1 lm
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	518	501
80	925	901
75	1687	1628
70	3074	3014
65	4146	4102
60	5162	5139
55	7077	7069
50	8677	8634
45	11127	10965

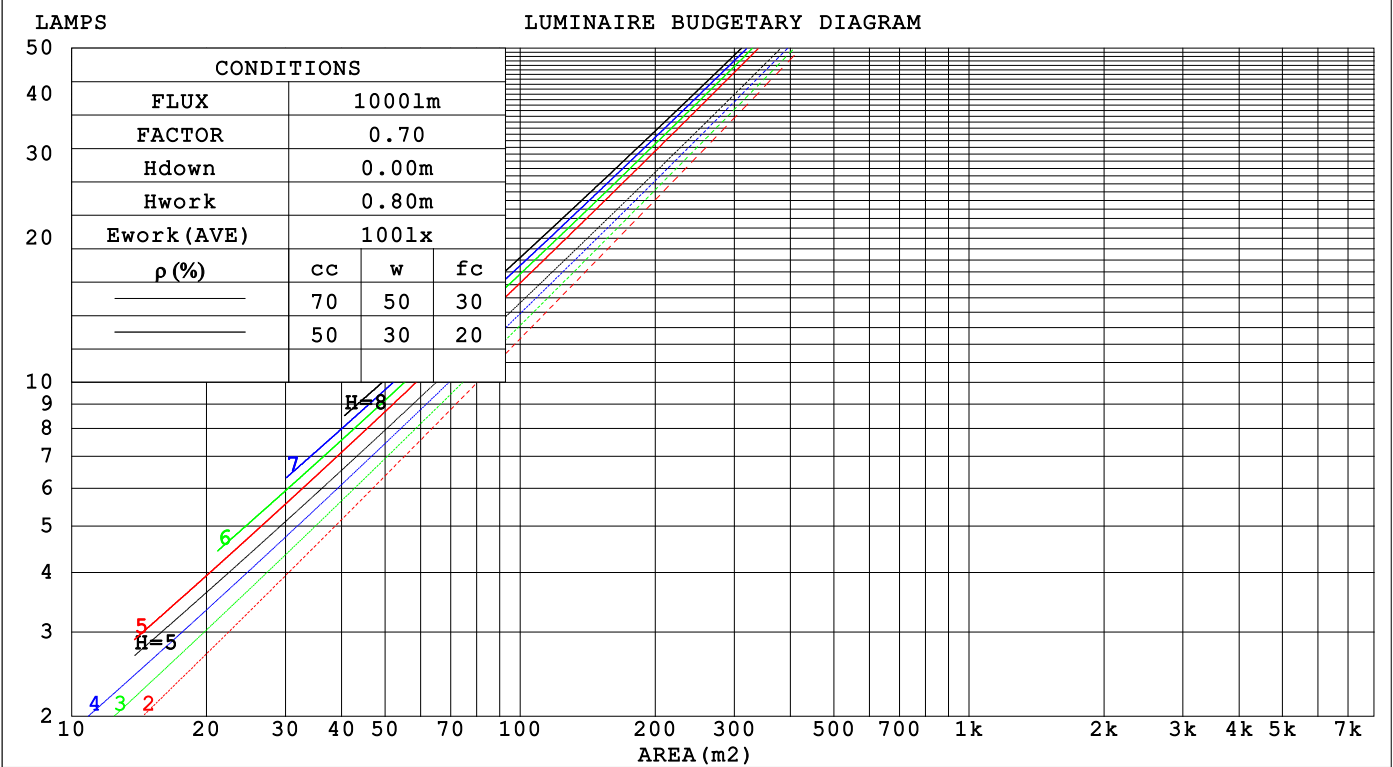
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932		
Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.97	.96														
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92														
3.0	1.01	.97	.94	.90	.96	.94	.97	.95	.92	.95	.93	.91	.93	.91	.89	.88														
4.0	.97	.92	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84														
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.82	.81														
6.0	.89	.85	.81	.88	.84	.81	.87	.83	.80	.86	.82	.80	.85	.82	.79	.78														
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.76														
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73														
9.0	.80	.75	.72	.79	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.71														
10.0	.77	.73	.70	.77	.73	.70	.76	.72	.70	.76	.72	.70	.75	.72	.69	.68														



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz			UTHDi:0.18% ITHDi:28.61% KDisp:0.9932			Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W			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	.148	.084	.027	.141	.080	.026	.129	.074	.024	.117	.068	.022	.107	.062	.020															
2.0	.138	.076	.023	.133	.073	.022	.122	.068	.021	.113	.063	.020	.104	.059	.019															
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017															
4.0	.121	.063	.019	.118	.062	.018	.110	.058	.017	.103	.056	.017	.097	.053	.016															
5.0	.115	.058	.017	.111	.057	.017	.105	.055	.016	.099	.052	.016	.094	.050	.015															
6.0	.109	.054	.016	.106	.053	.015	.100	.051	.015	.095	.049	.015	.090	.048	.014															
7.0	.103	.051	.014	.101	.050	.014	.096	.049	.014	.092	.047	.014	.087	.045	.013															
8.0	.098	.048	.014	.096	.047	.013	.092	.046	.013	.088	.045	.013	.084	.043	.013															
9.0	.094	.046	.013	.092	.045	.013	.088	.044	.012	.085	.043	.012	.082	.041	.012															
10.0	.090	.043	.012	.088	.043	.012	.085	.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	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.063	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.071	.045	.027	.049	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz											
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932						Lamp Flux:3876.64x1 lm					
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W						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	12.5	13.2	12.7	13.3	13.5	12.4	13.1	12.6	13.3	13.4
	3H	12.7	13.4	13.0	13.6	13.8	12.7	13.3	12.9	13.5	13.7
	4H	12.7	13.4	13.0	13.6	13.8	12.7	13.3	12.9	13.5	13.7
	6H	12.7	13.3	12.9	13.5	13.7	12.6	13.2	12.9	13.4	13.7
	8H	12.6	13.2	12.9	13.5	13.7	12.6	13.1	12.9	13.4	13.6
	12H	12.6	13.1	12.9	13.4	13.7	12.5	13.1	12.8	13.3	13.6
4H	2H	12.6	13.2	12.8	13.4	13.6	12.5	13.1	12.8	13.3	13.6
	3H	12.9	13.4	13.2	13.7	14.0	12.8	13.4	13.1	13.6	13.9
	4H	12.9	13.4	13.2	13.7	14.0	12.8	13.3	13.2	13.6	13.9
	6H	12.8	13.3	13.2	13.6	14.0	12.8	13.2	13.1	13.5	13.9
	8H	12.8	13.2	13.2	13.6	13.9	12.7	13.1	13.1	13.5	13.9
	12H	12.7	13.1	13.1	13.5	13.9	12.7	13.1	13.1	13.4	13.8
8H	4H	12.8	13.2	13.2	13.6	13.9	12.7	13.2	13.1	13.5	13.9
	6H	12.7	13.1	13.2	13.5	13.9	12.7	13.0	13.1	13.4	13.8
	8H	12.7	13.0	13.1	13.4	13.9	12.6	12.9	13.1	13.4	13.8
	12H	12.6	12.9	13.1	13.3	13.8	12.6	12.8	13.0	13.3	13.8
12H	4H	12.8	13.1	13.2	13.5	13.9	12.7	13.1	13.1	13.4	13.8
	6H	12.7	13.0	13.1	13.4	13.8	12.6	12.9	13.1	13.3	13.8
	8H	12.6	12.9	13.1	13.3	13.8	12.6	12.8	13.0	13.3	13.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.4 / - 1.8				+ 1.3 / - 1.8					
1.5H		+ 1.9 / - 1.0				+ 1.7 / - 1.0					
2.0H		+ 2.1 / - 2.0				+ 2.1 / - 2.0					

CIE Pub.117, 3877 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.7$ )  
Area: 0.0134 m<sup>2</sup>

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

$\gamma$  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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

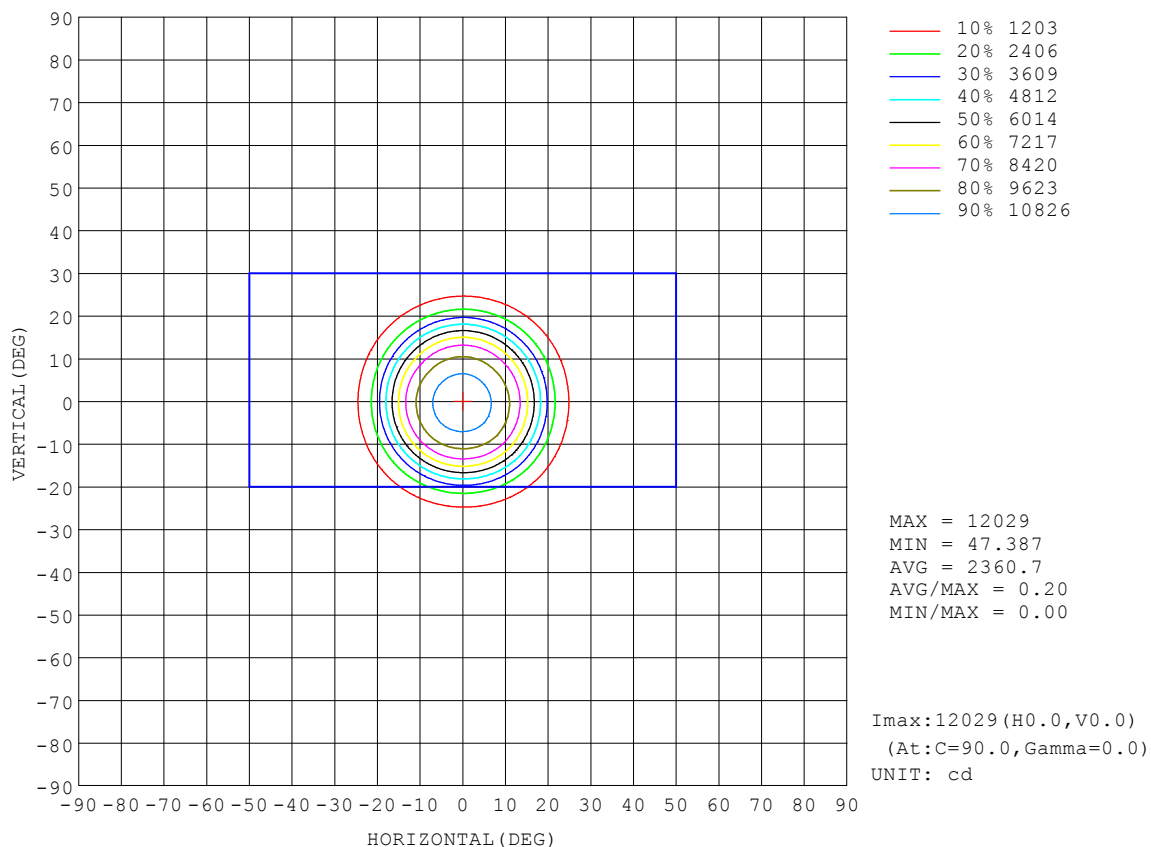
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	99	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	109	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: 2024-09-24

$\gamma$  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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



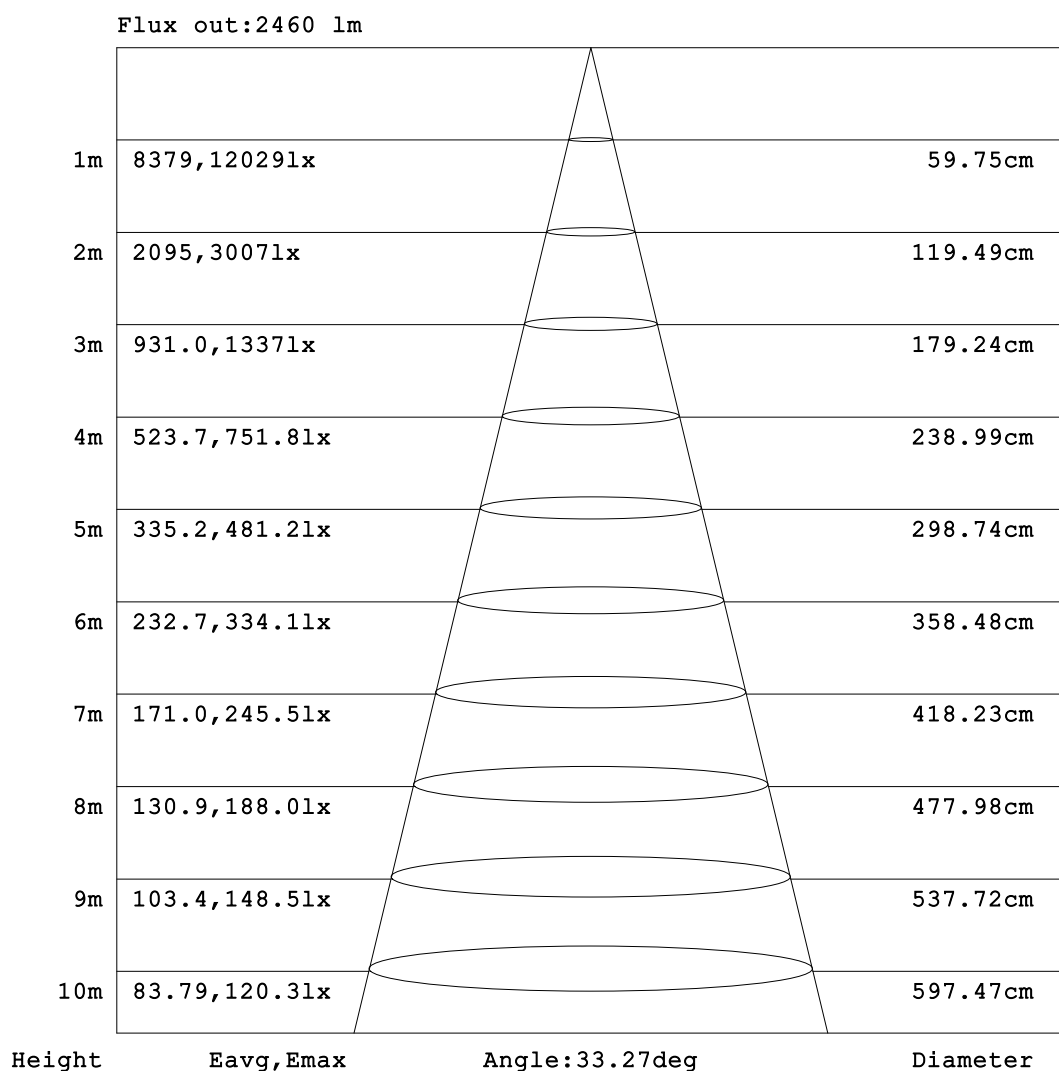
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-24

$\gamma$  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:



## AAI Figure

Test:U:240.4V I:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



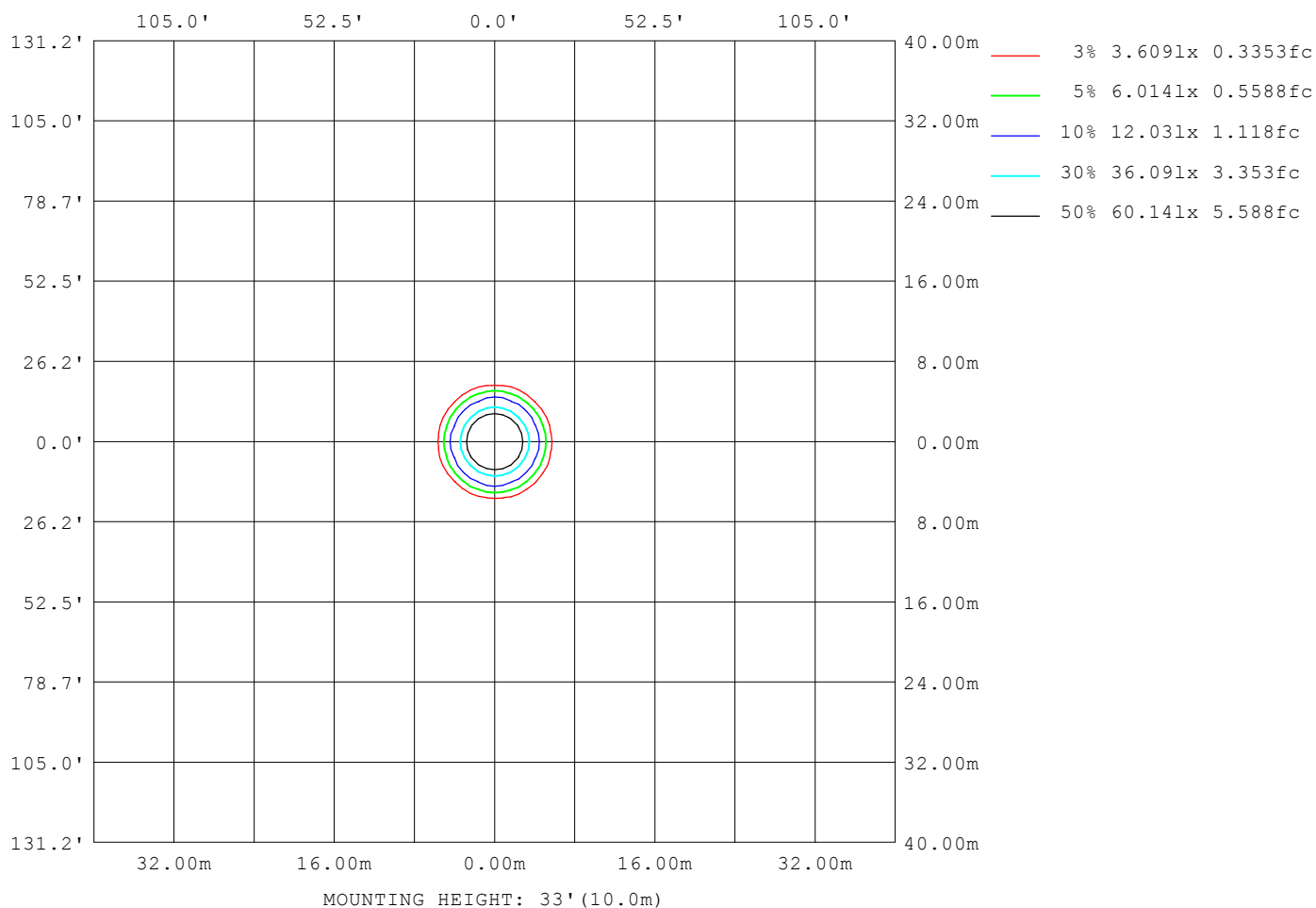
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

$\gamma$  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:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



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

$\gamma$  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:

## LED Avg.L Report

Test:U:240.4V I:0.1628A P:38.8W PF:0.9903 Freq:49.99Hz		
UTHDi:0.18% ITHDi:28.61% KDisp:0.9932 Lamp Flux:3876.64x1 lm		
NAME: TR11-45-XX-01+白色防眩环 2700K RA90 36D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
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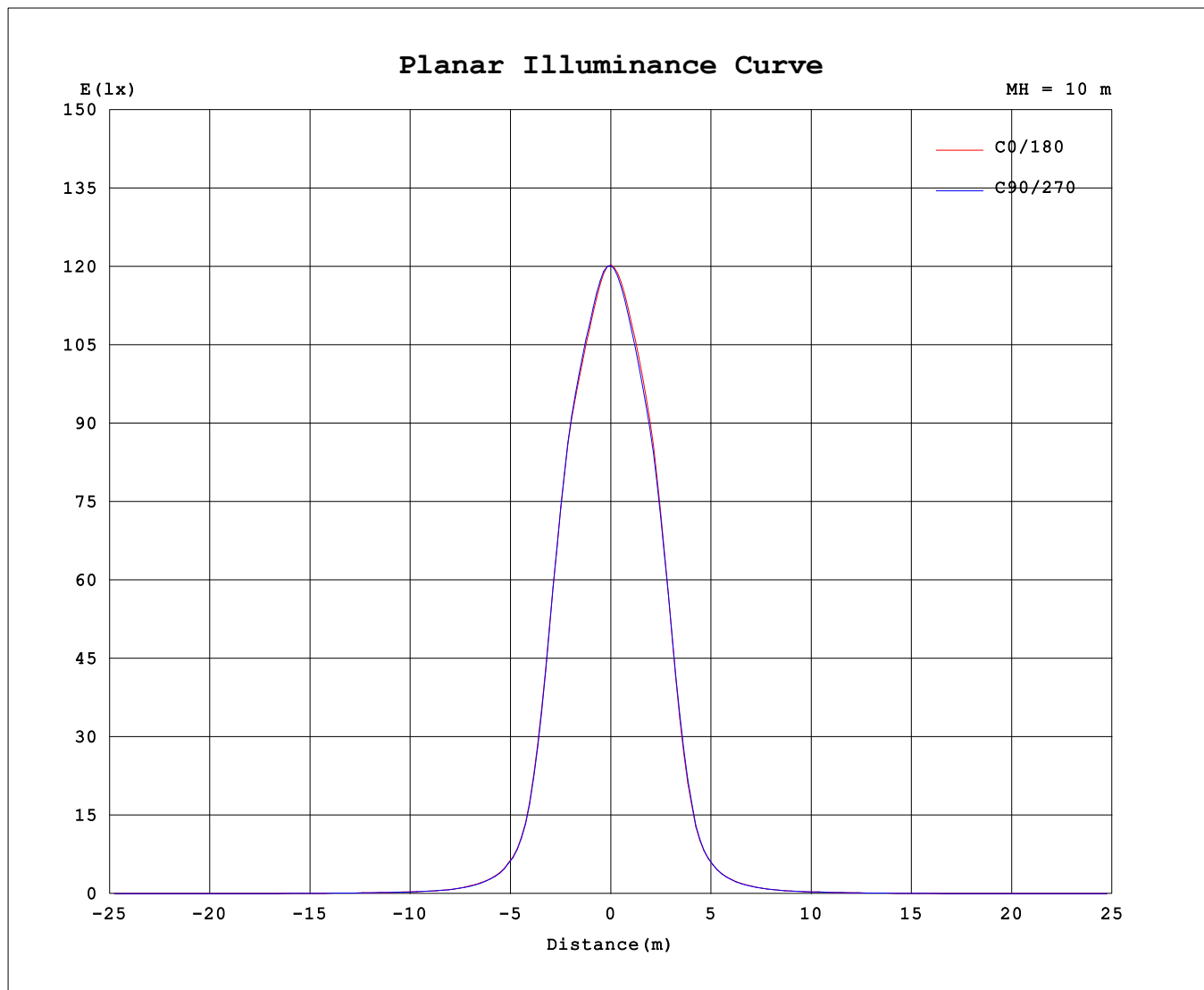
AvgL	cd/m2
L_0~180 (65) av	4033
L_0~180 (75) av	1606
L_0~180 (85) av	520
L_90~270 (65) av	4075
L_90~270 (75) av	1652
L_90~270 (85) av	503
L_45 (65) av	4046
L_45 (75) av	1627
L_45 (85) av	464

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
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



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

$\gamma$  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	12019	12019	12019	12019	12019	12019	12019	12019
3.0	11702	11752	11779	11794	11740	11679	11665	11654
6.0	10984	11085	11089	11122	11069	10982	10946	10920
9.0	10188	10336	10288	10320	10260	10099	10087	10063
12.0	9195	9354	9232	9267	9164	8990	9015	9006
15.0	7365	7512	7370	7375	7271	7127	7215	7205
18.0	4992	5147	4941	4856	4795	4727	4858	4850
21.0	2781	2843	2719	2658	2602	2582	2692	2739
24.0	1416	1457	1387	1359	1324	1301	1356	1378
27.0	839.0	862.4	821.3	796.4	783.0	768.5	784.5	801.0
30.0	523.4	552.7	510.2	504.9	501.3	492.2	493.9	508.1
33.0	352.4	371.5	340.3	337.4	338.2	332.3	332.6	348.0
36.0	243.5	240.3	231.5	237.6	237.0	233.7	232.6	234.7
39.0	167.8	170.9	162.9	164.6	164.8	163.6	166.7	165.2
42.0	128.0	133.2	125.5	125.7	125.4	124.9	127.3	128.0
45.0	105.3	110.7	103.9	105.1	105.0	104.7	106.2	107.6
48.0	86.47	89.96	85.78	84.65	85.02	85.15	86.59	86.69
51.0	70.13	72.53	69.96	68.16	67.23	67.61	69.12	69.60
54.0	58.08	59.97	58.12	56.66	55.89	56.16	57.50	58.08
57.0	43.24	44.54	42.99	41.42	41.18	41.85	43.15	43.03
60.0	34.56	35.46	34.43	33.30	33.05	33.17	34.06	34.20
63.0	27.57	27.96	27.46	26.33	26.23	26.74	26.95	27.20
66.0	21.49	21.54	21.23	20.25	20.28	20.88	20.96	21.05
69.0	15.70	15.72	15.40	14.58	14.65	15.28	15.21	15.18
72.0	11.16	11.17	11.00	10.37	10.44	10.89	10.82	10.79
75.0	5.845	5.858	5.648	5.294	5.297	5.774	5.811	5.651
78.0	2.754	2.669	2.661	2.628	2.674	2.695	2.748	2.706
81.0	1.991	1.885	1.946	1.912	2.003	1.952	1.985	1.953
84.0	0.7397	0.6719	0.7142	0.6964	0.7560	0.6824	0.7280	0.6729
87.0	0.3462	0.2823	0.3378	0.2978	0.3230	0.2903	0.3372	0.2846
90.0	0.1551	0.1012	0.1559	0.1401	0.1669	0.1044	0.1166	0.1016

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