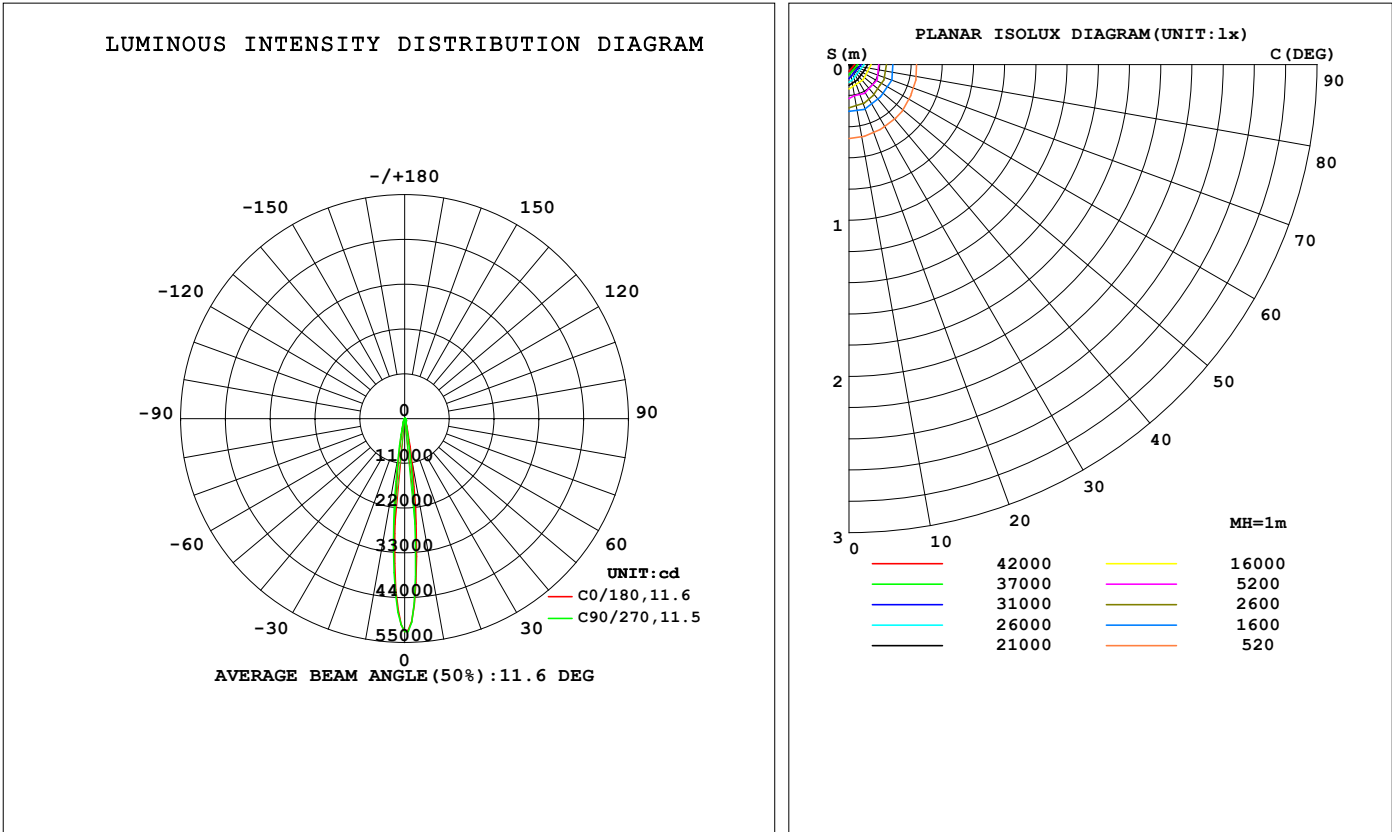


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.66 lm/W
MODEL		Imax (cd)	52426	S/MH(C0/180)	0.19	
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.21	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	3606.3	η UP,DN(C0-180)	0.0,48.5	
NOMINAL FLUX(lm)	3606.28	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,51.5	
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	



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	981.5	775.5	572.6	546.8	688.3	837.2	904.0	978.1	0- 10	2162	2162	60,60
20	113.2	105.2	90.14	87.32	96.43	110.0	115.8	117.2	10- 20	730.3	2893	80.2,80.2
30	46.38	41.68	36.80	36.17	41.12	45.74	47.80	48.56	20- 30	307.4	3200	88.7,88.7
40	21.81	20.04	18.14	18.45	20.23	21.80	22.39	22.70	30- 40	187.9	3388	93.9,93.9
50	10.65	9.933	9.230	9.158	10.02	10.80	11.09	11.10	40- 50	114.9	3503	97.1,97.1
60	4.889	4.400	3.973	3.812	4.339	4.875	5.056	5.137	50- 60	63.86	3567	98.9,98.9
70	1.707	1.657	1.617	1.472	1.526	1.573	1.665	1.769	60- 70	30.14	3597	99.7,99.7
80	0.3046	0.3088	0.2897	0.2554	0.2535	0.2385	0.2395	0.2610	70- 80	8.490	3605	100,100
90	0.0225	0.0156	0.0213	0.0117	0.0131	0.0113	0.0156	0.0106	80- 90	1.116	3606	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): 3452.7 lm

%lum = 95.7%

%lamp = 95.7%

Conical surface Flux(120deg): 3566.5 lm

%lum = 98.9%

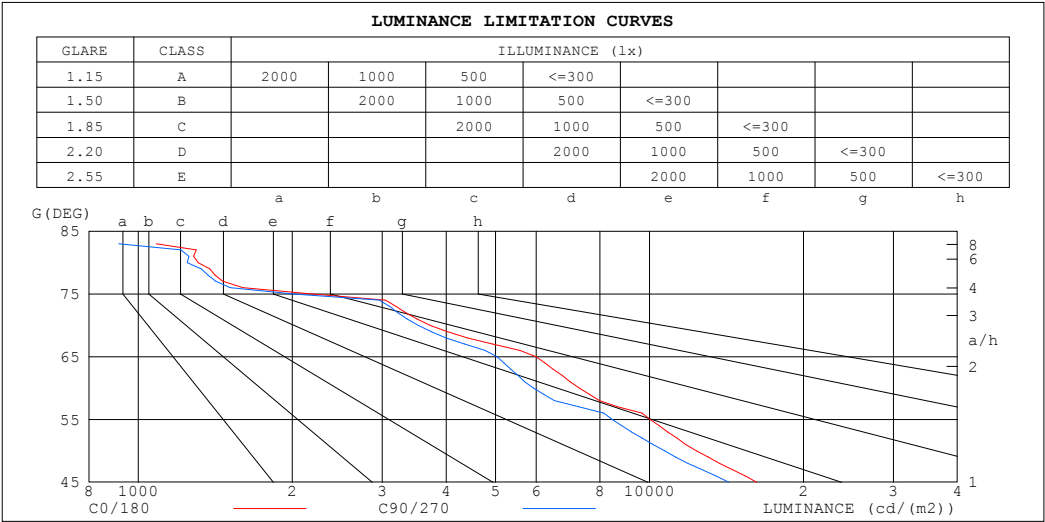
%lamp = 98.9%

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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	744	712
80	1309	1246
75	2197	2017
70	3723	3529
65	5999	5035
60	7294	5933
55	10029	8460
50	12358	10723
45	16206	14288

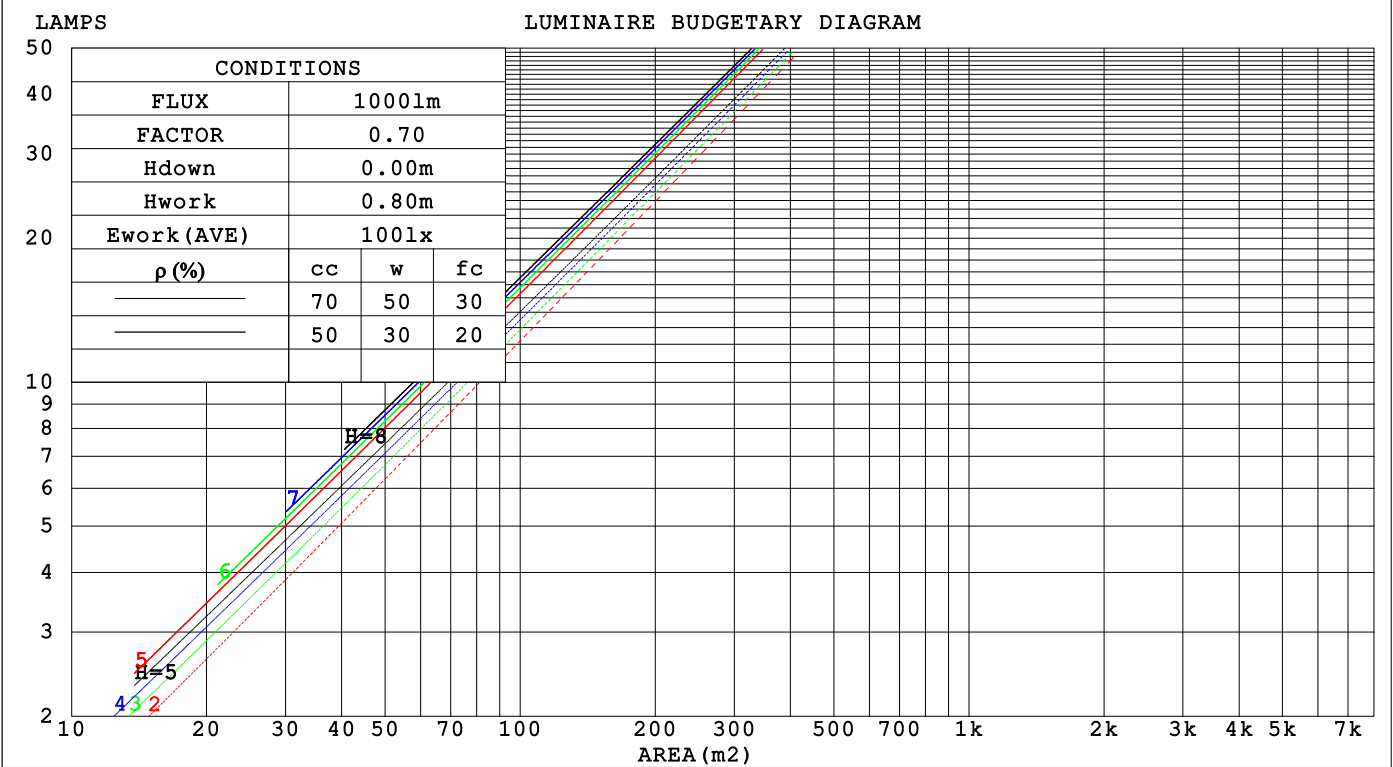
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937		
Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 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	1.13	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	.91
4.0	1.00	.97	.94	.99	.96	.93	.97	.95	.92	.96	.93	.91	.94	.92	.90	.89
5.0	.97	.93	.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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 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	.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	.053	.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	.012															
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	.093	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz										
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937					Lamp Flux:3606.28x1 lm					
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 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	14.4	15.0	14.6	15.1	15.3	13.7	14.3	13.9	14.4	14.6
3H	14.7	15.2	14.9	15.4	15.6	14.0	14.5	14.2	14.7	14.9
4H	14.7	15.2	14.9	15.4	15.6	14.0	14.5	14.3	14.8	15.0
6H	14.6	15.1	14.9	15.4	15.6	14.0	14.5	14.2	14.7	14.9
8H	14.6	15.1	14.9	15.3	15.6	13.9	14.4	14.2	14.7	14.9
12H	14.6	15.0	14.9	15.3	15.5	13.9	14.4	14.2	14.6	14.9
4H 2H	14.5	15.0	14.7	15.2	15.4	13.9	14.4	14.1	14.6	14.8
3H	14.8	15.3	15.1	15.6	15.8	14.2	14.7	14.5	14.9	15.2
4H	14.9	15.3	15.2	15.6	15.9	14.3	14.7	14.6	15.0	15.3
6H	14.8	15.2	15.2	15.5	15.8	14.2	14.6	14.6	14.9	15.3
8H	14.8	15.1	15.1	15.5	15.8	14.2	14.5	14.5	14.9	15.2
12H	14.7	15.0	15.1	15.4	15.8	14.1	14.5	14.5	14.8	15.2
8H 4H	14.8	15.1	15.1	15.5	15.8	14.2	14.5	14.6	14.9	15.2
6H	14.7	15.0	15.1	15.4	15.8	14.1	14.4	14.5	14.8	15.2
8H	14.7	14.9	15.1	15.3	15.8	14.1	14.4	14.5	14.8	15.2
12H	14.6	14.8	15.1	15.3	15.7	14.0	14.3	14.5	14.7	15.2
12H 4H	14.7	15.0	15.1	15.4	15.8	14.1	14.5	14.5	14.8	15.2
6H	14.6	14.9	15.1	15.3	15.8	14.1	14.3	14.5	14.8	15.2
8H	14.6	14.8	15.1	15.3	15.7	14.0	14.3	14.5	14.7	15.2
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, 3606 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.5$)
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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

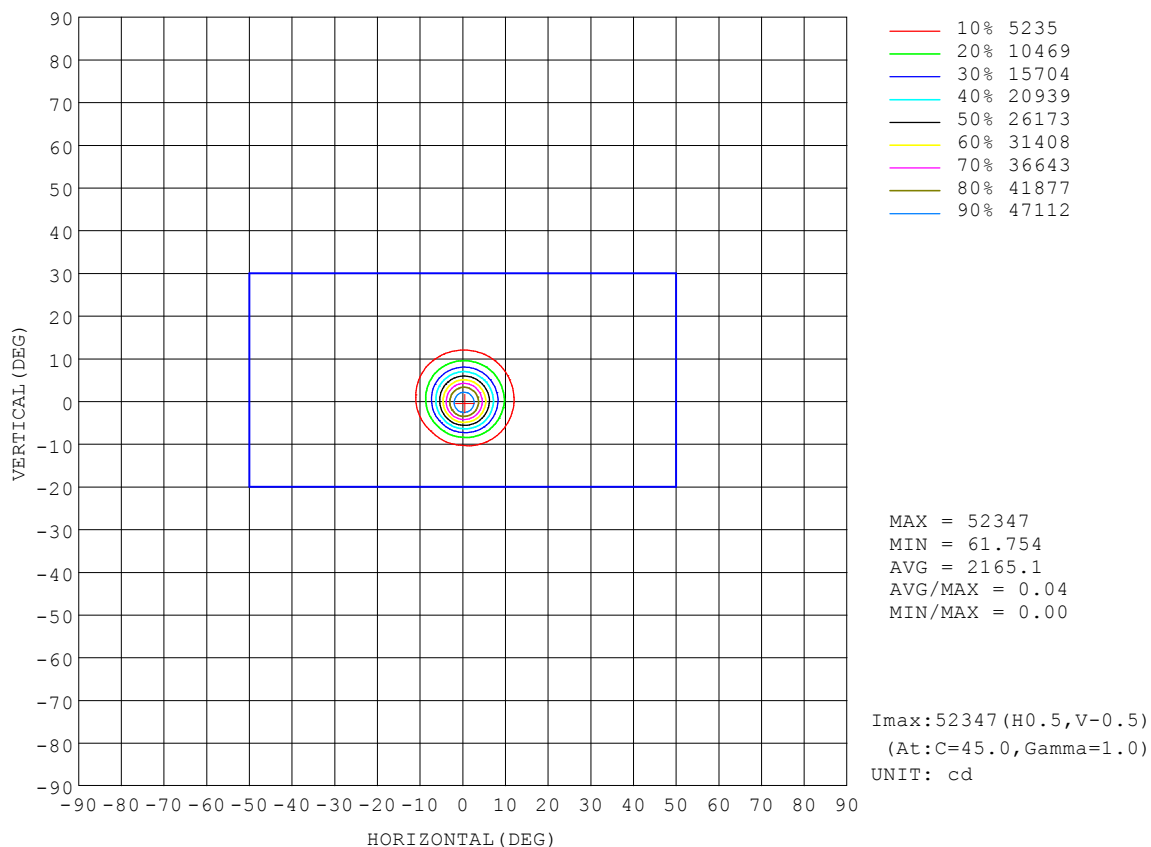
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	93	88	85	81
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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

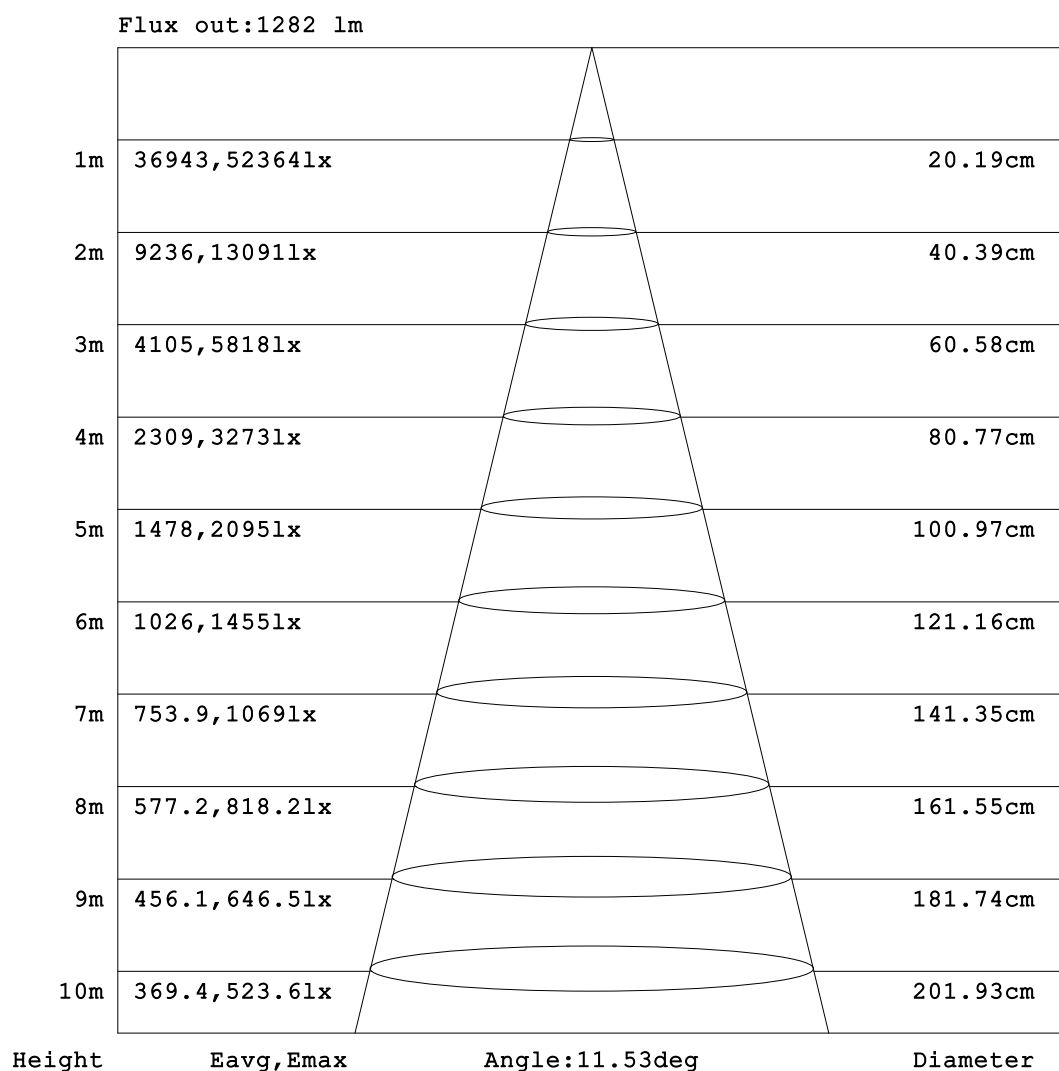


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-09-24

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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



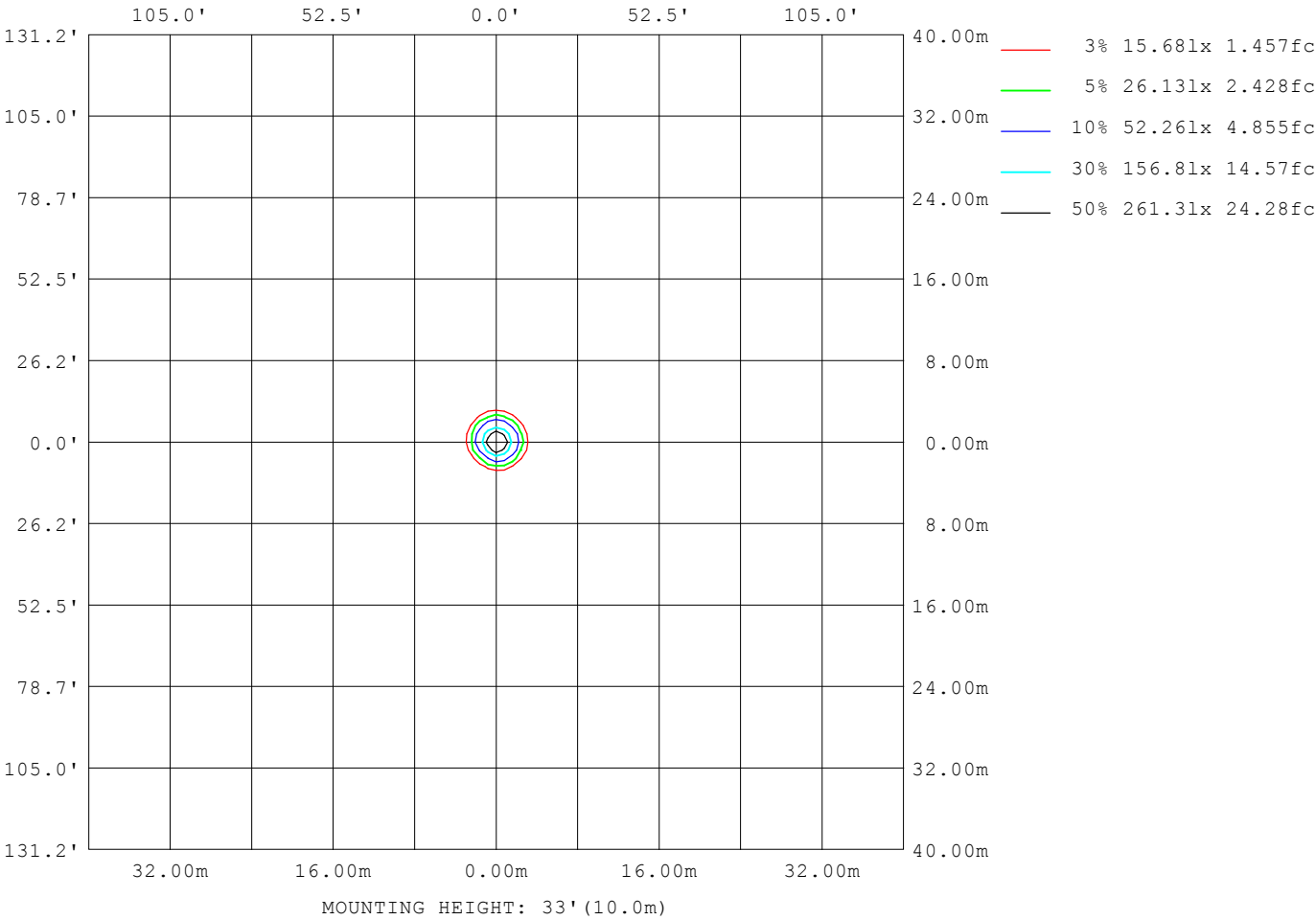
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: 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:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz		
UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 45.0DEG	γ Interval: 1.0DEG
Test Speed: MEDIUM	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:2024-09-24	Remarks:

LED Avg.L Report

Test:U:240.4V I:0.1652A P:39.3W PF:0.9907 Freq:49.99Hz UTHDi:0.17% ITHDi:14.97% KDisp:0.9937 Lamp Flux:3606.28x1 lm		
NAME: TR11-45-XX-01+白色防眩环 3000K RA90 15D 40W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 131mm	Shielding Angle:

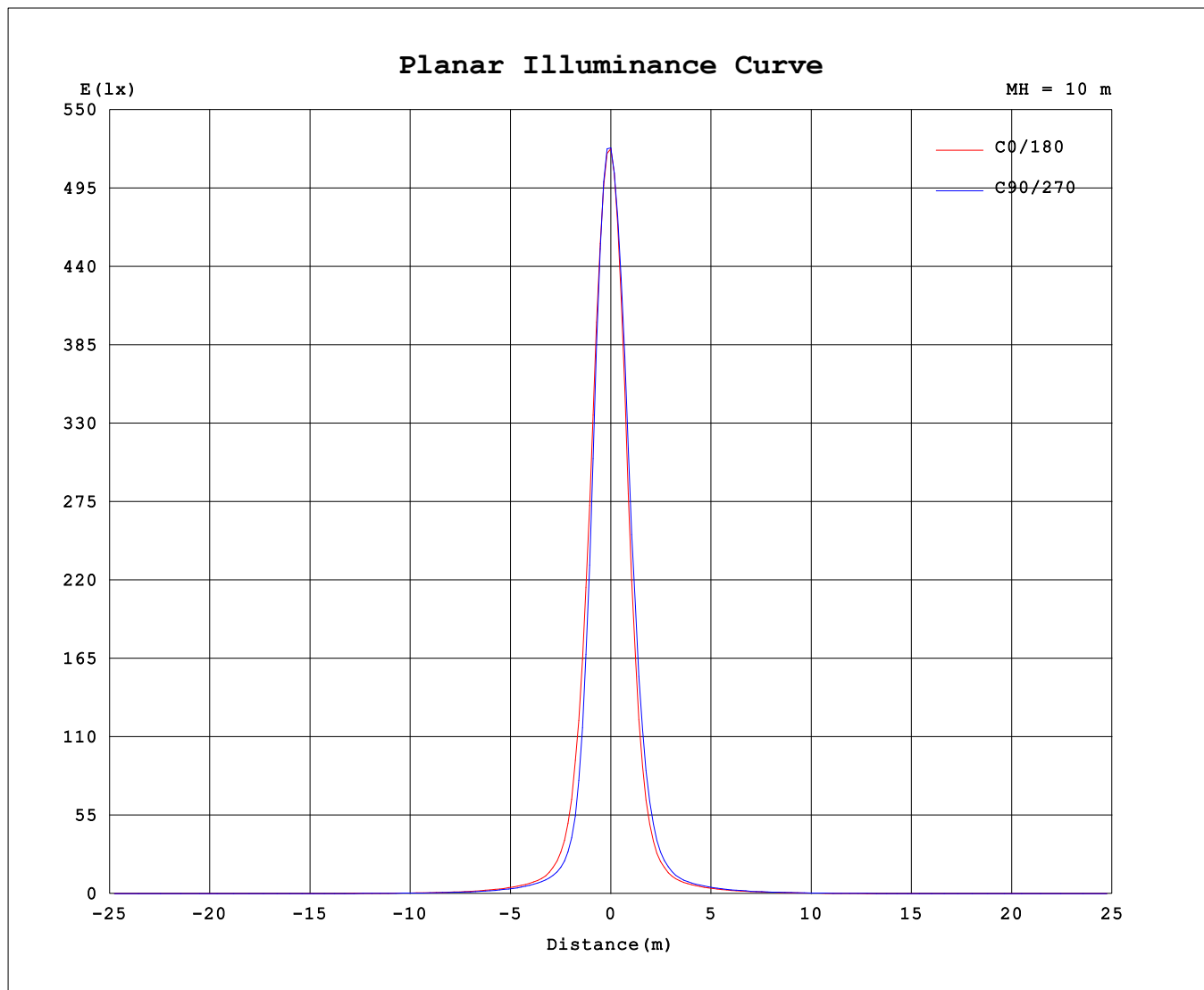
AvgL	cd/m2
L_0~180 (65) av	5592
L_0~180 (75) av	1813
L_0~180 (85) av	666
L_90~270 (65) av	5556
L_90~270 (75) av	1796
L_90~270 (85) av	660
L_45 (65) av	5537
L_45 (75) av	1799
L_45 (85) av	588

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



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:

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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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Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	52283	52283	52283	52283	52283	52283	52283	52283
3.0	45827	46077	45373	43418	42081	42253	43343	44480
6.0	27705	26136	23411	21842	22318	24153	25594	26729
9.0	12623	10769	8250	7811	9274	11030	11962	12462
12.0	5274	4283	3134	3012	3942	4840	5212	5387
15.0	2561	2173	1696	1632	2063	2437	2585	2609
18.0	1469	1340	1120	1086	1218	1428	1507	1509
21.0	1017	945.5	816.1	792.8	871.7	988.5	1043	1057
24.0	773.3	707.5	616.2	600.9	670.6	753.4	794.2	808.0
27.0	598.8	542.2	476.4	465.7	523.9	587.2	617.9	628.0
30.0	463.8	416.8	368.0	361.7	411.2	457.4	478.0	485.6
33.0	367.4	330.4	293.1	292.0	331.8	365.7	380.0	385.1
36.0	295.8	266.8	236.9	239.0	267.9	293.0	302.6	307.8
39.0	234.2	215.7	192.1	196.1	216.4	234.0	240.8	243.8
42.0	188.8	174.4	160.2	161.8	176.7	189.5	195.7	196.9
45.0	153.6	145.7	135.3	133.9	143.4	153.1	157.8	159.2
48.0	122.9	115.1	106.6	106.6	117.9	125.9	129.1	129.5
51.0	99.21	92.31	85.67	84.97	92.57	100.3	103.1	102.9
54.0	82.23	75.18	69.47	68.56	74.83	82.96	84.76	84.56
57.0	63.21	59.69	53.05	48.34	53.82	60.77	63.25	64.15
60.0	48.89	44.00	39.73	38.12	43.39	48.75	50.56	51.37
63.0	39.43	35.55	32.55	31.09	35.29	39.26	40.87	41.62
66.0	30.40	28.01	25.97	23.58	25.02	26.96	29.11	30.91
69.0	19.27	18.59	17.93	16.25	16.97	17.63	18.67	19.89
72.0	13.81	13.47	13.31	12.27	12.63	12.82	13.51	14.34
75.0	7.622	7.778	6.991	5.587	4.951	4.974	5.469	6.613
78.0	3.937	3.973	3.813	3.448	3.310	3.195	3.342	3.552
81.0	2.692	2.738	2.630	2.347	2.297	2.166	2.217	2.368
84.0	1.080	1.016	1.007	0.8565	0.8662	0.7538	0.8592	0.8492
87.0	0.5305	0.4470	0.4856	0.3316	0.3252	0.2935	0.4155	0.3627
90.0	0.2250	0.1559	0.2129	0.1169	0.1305	0.1125	0.1561	0.1063

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