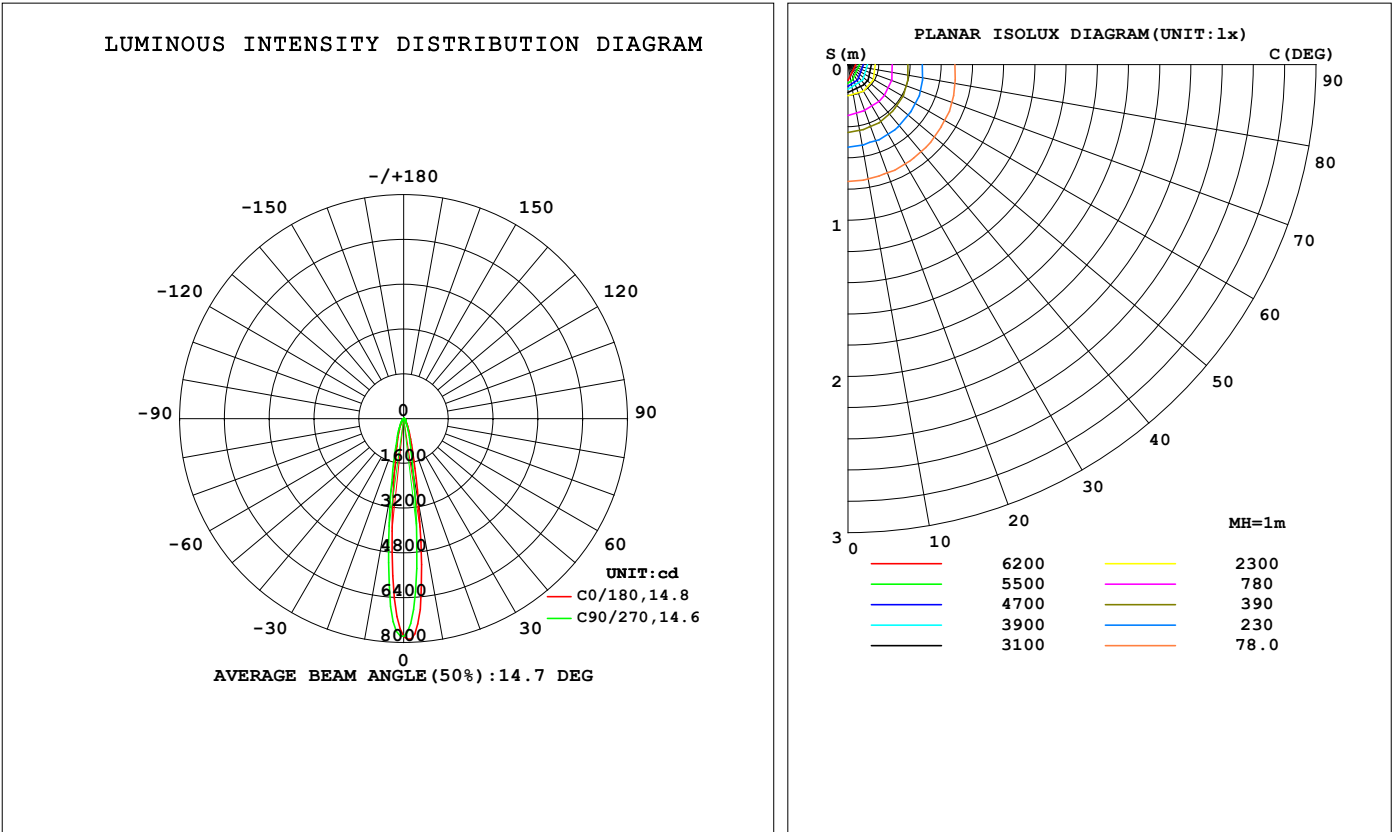


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.39 lm/W
MODEL		I _{max} (cd)	7882	S/MH (C0/180)	0.22	
NOMINAL POWER(W)	15	LOR (%)	100.0	S/MH (C90/270)	0.27	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1118.2	η UP,DN (C0-180)	0.0,49.6	
NOMINAL FLUX(lm)	1118.17	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.4	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.39	η down (%)	100.0	CIBSE SHR MAX	0.25	



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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	3083	2707	2089	1833	1956	2217	2638	3017	0- 10	431.6	431.6	38.6,38.6
20	698.0	623.8	510.6	471.7	513.3	590.2	638.3	677.0	10- 20	318.9	750.4	67.1,67.1
30	267.7	245.9	200.1	183.4	198.2	229.7	244.6	258.0	20- 30	169.5	919.9	82.3,82.3
40	114.7	106.1	87.28	79.74	85.66	97.69	105.6	110.6	30- 40	94.58	1015	90.7,90.7
50	56.02	52.17	44.03	41.09	44.40	50.20	52.94	54.21	40- 50	53.70	1068	95.5,95.5
60	29.40	27.28	23.32	20.99	22.09	24.90	27.08	28.48	50- 60	32.25	1100	98.4,98.4
70	7.989	6.871	5.424	4.227	4.133	5.424	6.540	7.510	60- 70	14.81	1115	99.7,99.7
80	1.200	1.147	1.035	0.9279	0.9188	0.9621	1.046	1.104	70- 80	2.508	1118	100,100
90	0.0430	0.0196	0.0366	0.0213	0.0215	0.0196	0.0247	0.0210	80- 90	0.3695	1118	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:cd									UNIT:lm		

Conical surface Flux(90deg): 1044.9 lm

%lum = 93.4%

%lamp = 93.4%

Conical surface Flux(120deg): 1100.5 lm

%lum = 98.4%

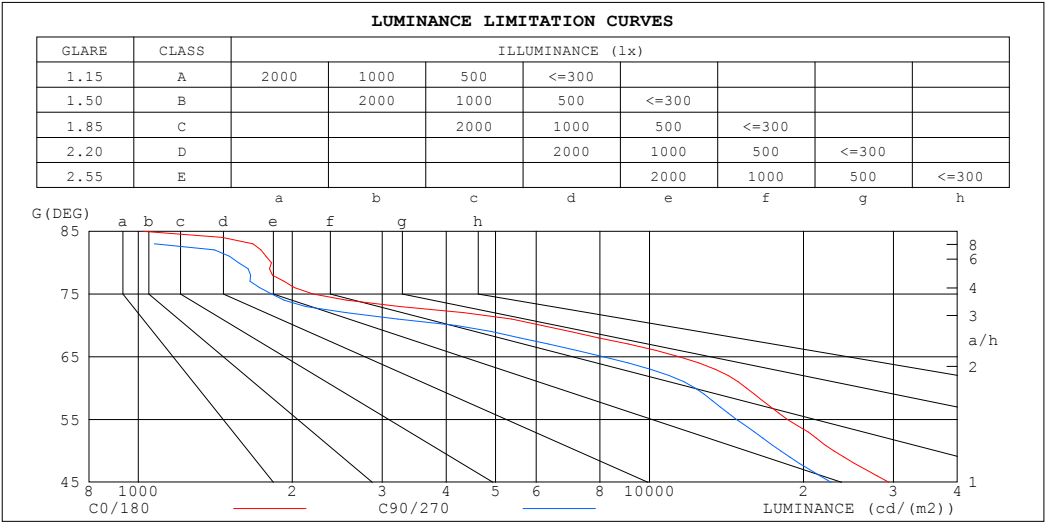
%lamp = 98.4%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1022	448
80	1820	1570
75	2200	1823
70	6150	4180
65	11428	8124
60	15479	12293
55	18611	14796
50	22943	18055
45	29395	22646

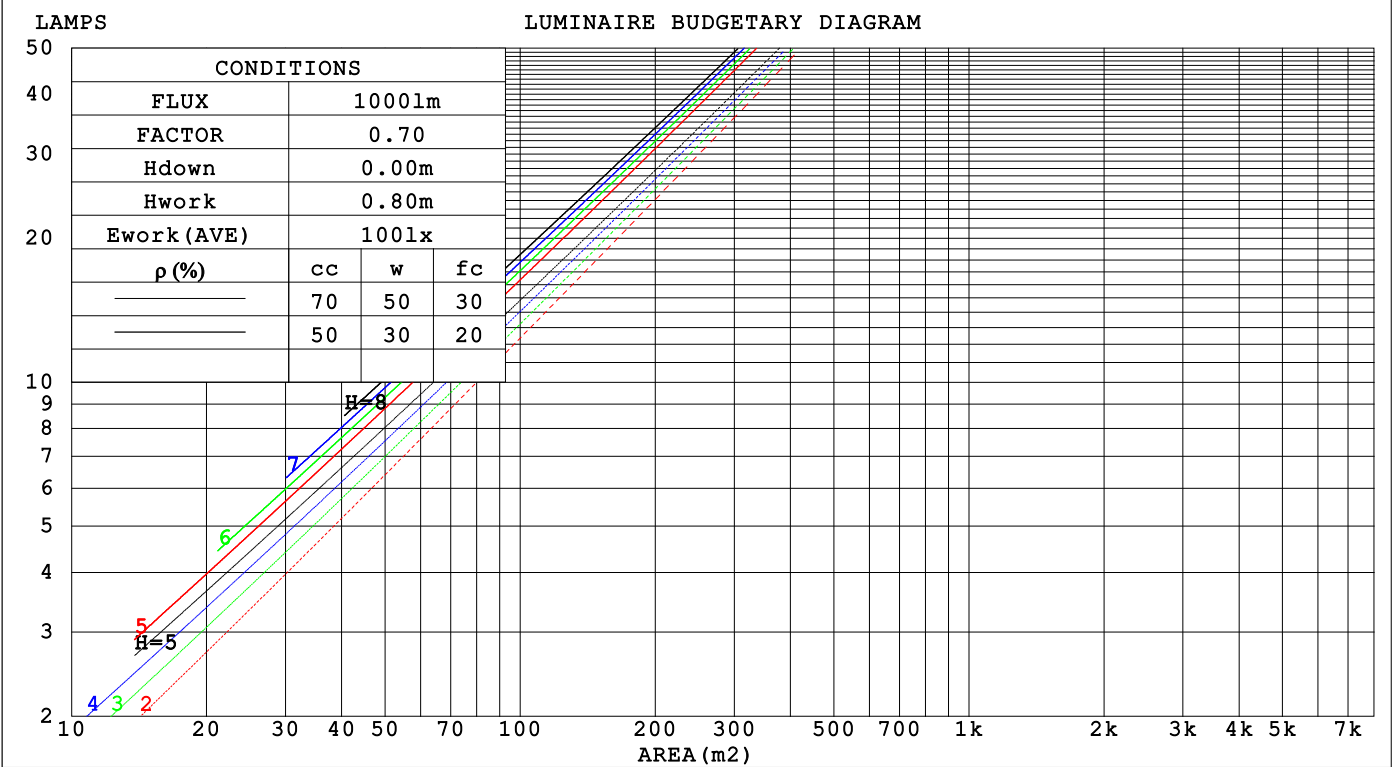
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795		
Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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	1.06	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.02	.00	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.97	.93	.91	.94	.92	.89	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
9.0	.79	.75	.72	.79	.74	.71	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
10.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.69	.68



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	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	.153	.087	.027	.146	.083	.026	.133	.077	.024	.122	.070	.023	.111	.065	.021															
2.0	.144	.079	.024	.138	.076	.023	.128	.071	.022	.118	.066	.021	.110	.062	.020															
3.0	.135	.072	.022	.130	.070	.021	.122	.066	.020	.113	.062	.019	.106	.059	.018															
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.108	.058	.018	.102	.055	.017															
5.0	.119	.061	.018	.116	.059	.017	.109	.057	.017	.103	.055	.016	.098	.052	.016															
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	.094	.049	.015															
7.0	.106	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014															
8.0	.101	.049	.014	.099	.049	.014	.094	.047	.013	.090	.046	.013	.087	.044	.013															
9.0	.096	.046	.013	.094	.046	.013	.090	.045	.013	.087	.043	.012	.083	.042	.012															
10.0	.091	.044	.012	.089	.043	.012	.086	.042	.012	.083	.041	.012	.080	.040	.012															

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	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.116	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.093	.119	.098	.081	.081	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.077	.109	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.100	.068	.046	.086	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz											
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm											
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Norming lighting						SUR.: 70mm		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		18.6	19.4	18.8	19.5	19.7	17.6	18.4	17.8	18.5	18.7
	3H	18.8	19.5	19.0	19.7	19.9	17.7	18.4	18.0	18.6	18.8
	4H	18.7	19.4	19.0	19.6	19.8	17.7	18.3	17.9	18.6	18.8
	6H	18.7	19.3	19.0	19.5	19.8	17.6	18.2	17.9	18.5	18.7
	8H	18.6	19.2	18.9	19.5	19.7	17.6	18.2	17.9	18.4	18.7
	12H	18.6	19.2	18.9	19.4	19.7	17.5	18.1	17.8	18.4	18.6
4H	2H	18.7	19.4	19.0	19.6	19.8	17.8	18.5	18.1	18.7	18.9
	3H	18.9	19.5	19.2	19.8	20.0	18.0	18.5	18.3	18.8	19.1
	4H	18.8	19.4	19.2	19.7	20.0	17.9	18.4	18.2	18.7	19.0
	6H	18.8	19.2	19.1	19.6	19.9	17.8	18.3	18.2	18.6	18.9
	8H	18.7	19.2	19.1	19.5	19.9	17.8	18.2	18.2	18.5	18.9
	12H	18.7	19.1	19.1	19.4	19.8	17.7	18.1	18.1	18.5	18.9
8H	4H	18.7	19.2	19.1	19.5	19.9	17.8	18.2	18.2	18.6	18.9
	6H	18.6	19.0	19.1	19.4	19.8	17.7	18.1	18.1	18.4	18.9
	8H	18.6	18.9	19.0	19.3	19.8	17.6	18.0	18.1	18.4	18.8
	12H	18.5	18.8	19.0	19.3	19.7	17.6	17.9	18.1	18.3	18.8
12H	4H	18.7	19.1	19.1	19.4	19.8	17.7	18.1	18.1	18.5	18.9
	6H	18.6	18.9	19.0	19.3	19.8	17.6	18.0	18.1	18.4	18.8
	8H	18.5	18.8	19.0	19.3	19.7	17.6	17.9	18.1	18.3	18.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.2 / - 1.7					+ 1.2 / - 1.8				
1.5H		+ 1.8 / - 1.0					+ 1.3 / - 1.2				
2.0H		+ 2.0 / - 1.7					+ 1.6 / - 1.6				

CIE Pub.117, 1118 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.4$)
Area: 0.0038 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

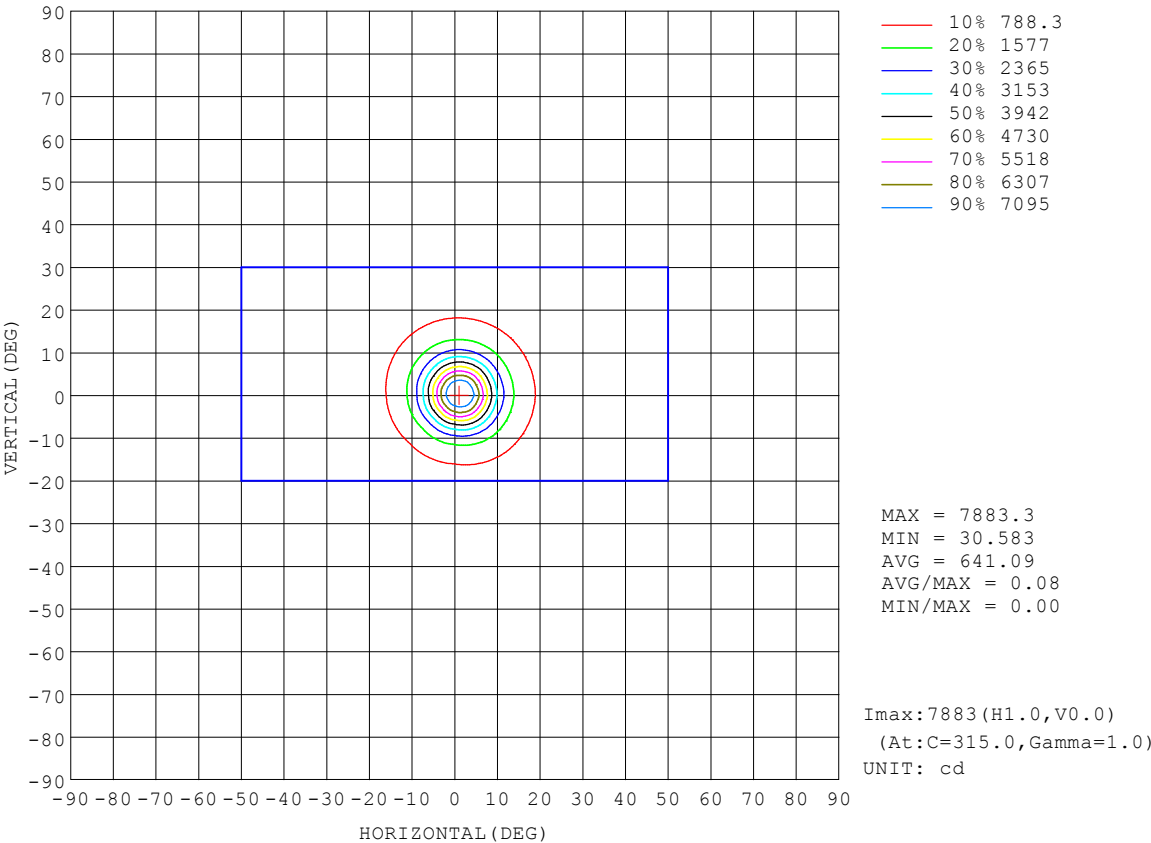
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	111	113	111	109	109	107	106	98
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: 2024-08-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

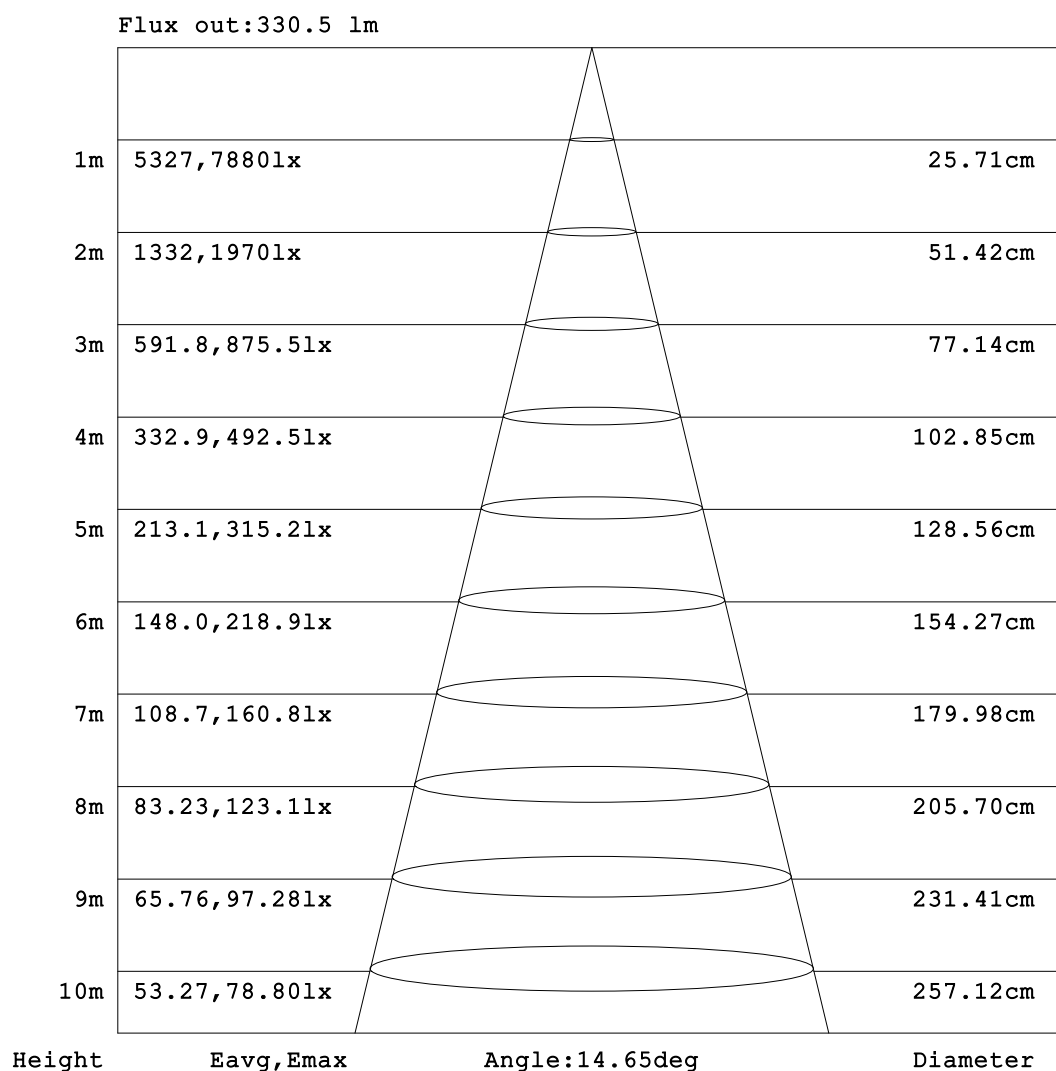
Test:U:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz		
UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



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:2024-08-14	Remarks:

AAI Figure

Test:U:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



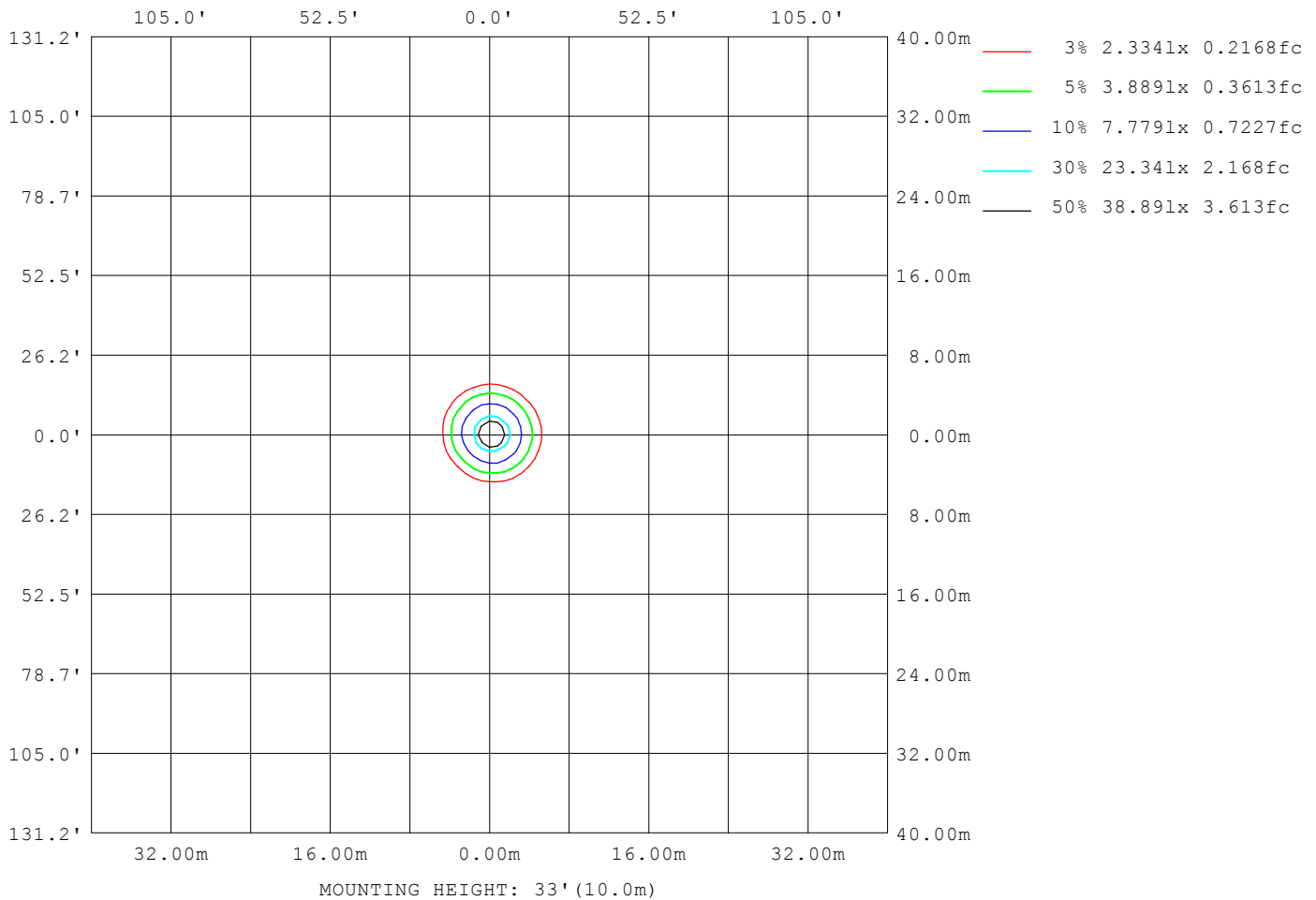
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-08-14

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:240.5V I:0.0625A P:14.6W PF:0.9734 Freq:49.99Hz UTHDi:0.16% ITHDi:8.04% KDisp:0.9795 Lamp Flux:1118.17x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 15D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

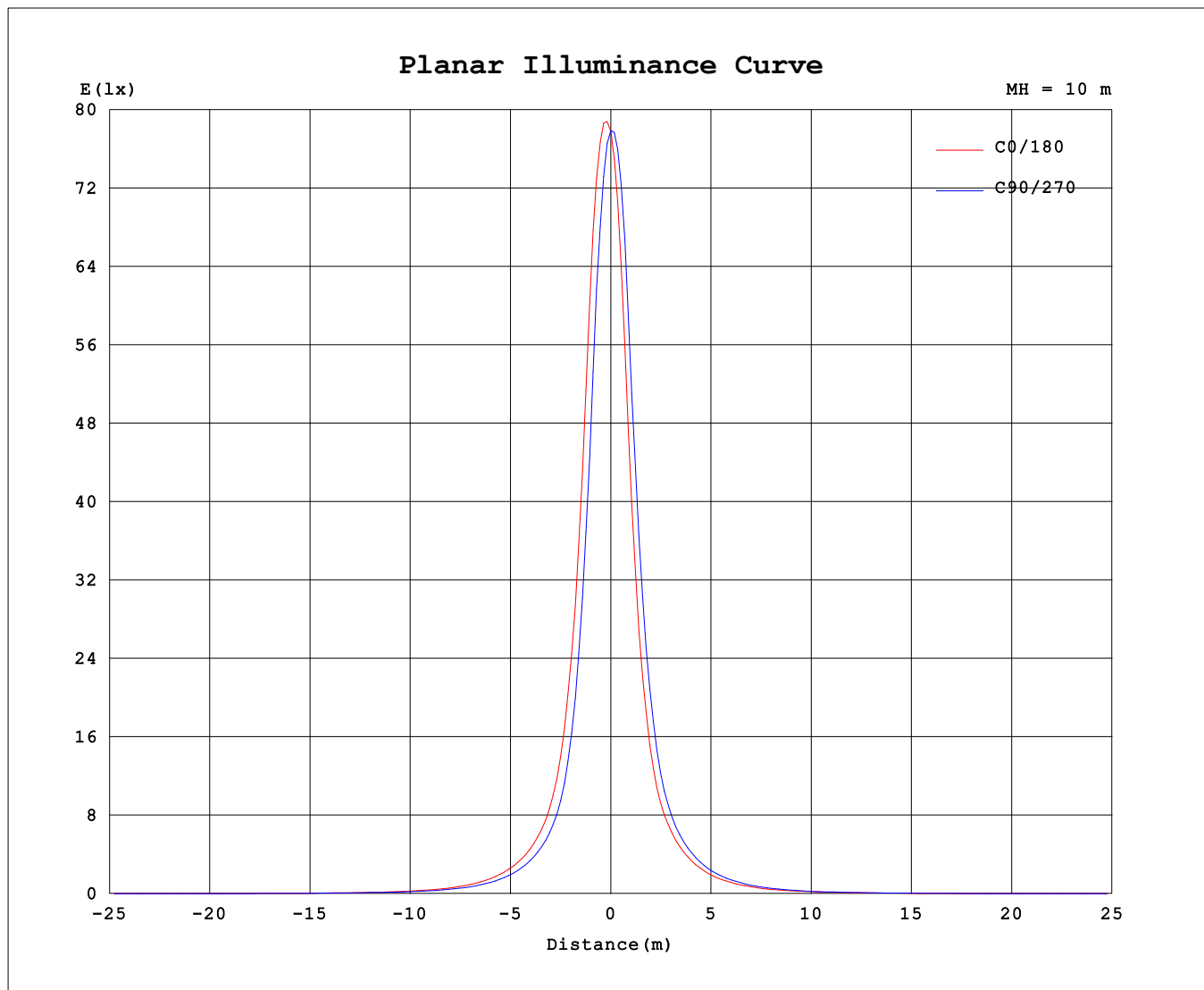
AvgL	cd/m2
L_0~180 (65) av	9344
L_0~180 (75) av	1931
L_0~180 (85) av	678
L_90~270 (65) av	8895
L_90~270 (75) av	1847
L_90~270 (85) av	441
L_45 (65) av	9088
L_45 (75) av	1883
L_45 (85) av	478

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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: 2024-08-14

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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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	7776	7776	7776	7776	7776	7776	7776	7776
3.0	7698	7328	6826	6467	6441	6762	7261	7678
6.0	6118	5472	4511	4010	4041	4470	5182	5932
9.0	3715	3274	2547	2229	2301	2633	3151	3628
12.0	2174	1878	1443	1282	1363	1589	1870	2103
15.0	1311	1143	905.0	827.6	891.1	1027	1162	1280
18.0	873.4	776.2	632.4	582.2	633.9	726.7	796.1	852.7
21.0	626.6	564.4	462.0	427.0	464.0	534.7	575.2	608.3
24.0	465.4	424.3	346.0	318.8	345.4	400.8	427.1	450.0
27.0	351.2	321.8	261.7	239.7	259.6	301.9	321.3	338.9
30.0	267.7	245.9	200.1	183.4	198.2	229.7	244.6	258.0
33.0	206.0	189.9	154.1	141.1	152.0	175.8	188.5	198.3
36.0	159.0	146.9	119.4	109.5	117.7	135.5	146.1	153.6
39.0	124.1	115.0	94.24	86.15	92.50	105.8	114.2	119.8
42.0	97.95	91.05	75.17	68.75	73.77	84.28	90.60	95.28
45.0	78.95	73.04	60.76	55.71	59.69	67.49	72.76	76.38
48.0	64.00	59.38	49.85	45.95	49.75	55.38	59.18	61.91
51.0	52.54	49.02	41.37	38.49	41.62	46.67	50.74	51.15
54.0	43.47	40.34	34.37	31.28	33.19	37.10	40.15	42.19
57.0	35.68	33.23	28.38	25.83	27.39	30.51	32.93	34.56
60.0	29.40	27.28	23.32	20.99	22.09	24.90	27.08	28.48
63.0	23.18	20.83	17.29	15.16	15.83	18.38	20.39	22.12
66.0	15.90	13.69	11.10	9.509	9.852	11.70	13.24	14.93
69.0	9.514	8.190	6.667	5.615	5.682	6.901	7.916	8.920
72.0	5.079	3.875	2.988	2.451	2.424	2.849	3.451	4.513
75.0	2.163	1.996	1.790	1.650	1.636	1.717	1.843	2.044
78.0	1.445	1.400	1.308	1.237	1.231	1.266	1.308	1.349
81.0	1.056	0.9991	0.8950	0.7780	0.7429	0.8055	0.9138	0.9667
84.0	0.5790	0.4290	0.2488	0.1392	0.1430	0.1479	0.2917	0.4703
87.0	0.1215	0.0878	0.0858	0.0453	0.0509	0.0477	0.0862	0.0877
90.0	0.0430	0.0196	0.0366	0.0213	0.0215	0.0196	0.0247	0.0210

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