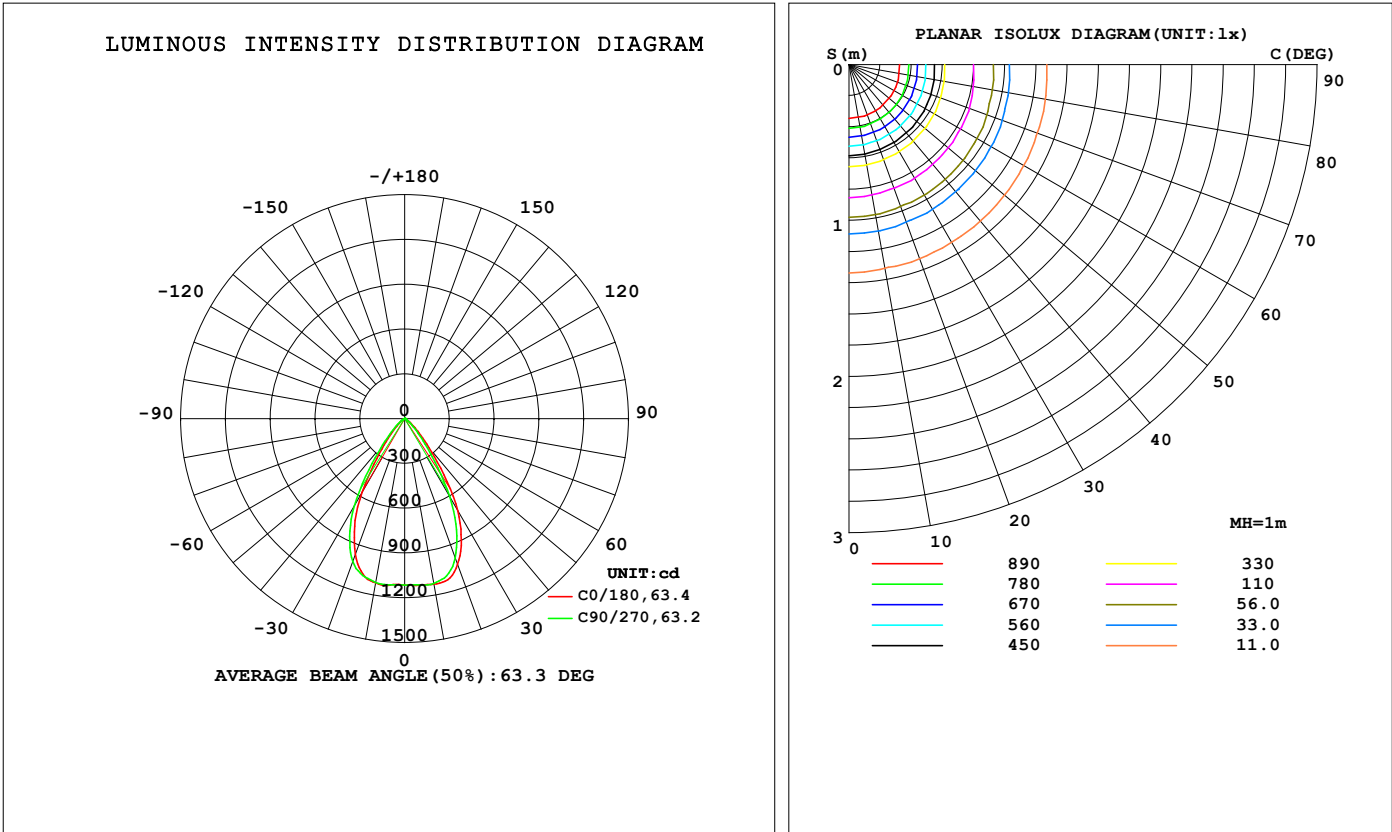


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz		
UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.89 lm/W
MODEL		Imax (cd)	1132	S/MH(C0/180)		0.89
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)		0.94
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1180.9	η UP,DN(C0-180)		0.0,49.6
NOMINAL FLUX(lm)	1180.93	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,50.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.75
TEST VOLTAGE(V)	240.4	η down (%)	100.0	CIBSE SHR MAX		0.95



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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	1127	1132	1122	1105	1117	1119	1114	1131	0- 10	106.9	106.9	9.06,9.06
20	1039	1027	991.8	939.9	965.2	990.0	1017	1063	10- 20	305.2	412.2	34.9,34.9
30	712.7	679.6	605.8	531.8	571.2	620.4	674.9	738.1	20- 30	383.8	796.0	67.4,67.4
40	255.6	233.7	195.9	160.4	176.0	197.6	230.4	266.2	30- 40	248.7	1045	88.5,88.5
50	74.32	67.21	55.92	44.76	50.08	56.07	64.72	77.41	40- 50	93.64	1138	96.4,96.4
60	21.59	19.46	15.98	12.91	12.76	14.92	17.24	20.60	50- 60	30.91	1169	99,99
70	5.680	5.158	4.485	3.897	3.614	4.223	4.729	5.440	60- 70	9.127	1178	99.8,99.8
80	1.288	1.202	0.9575	0.8411	0.7338	0.8067	0.9815	1.064	70- 80	2.238	1181	100,100
90	0.0344	0.0177	0.0247	0.0177	0.0209	0.0167	0.0206	0.0190	80- 90	0.3319	1181	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): 1103.7 lm

%lum = 93.5%

%lamp = 93.5%

Conical surface Flux(120deg): 1169.2 lm

%lum = 99.0%

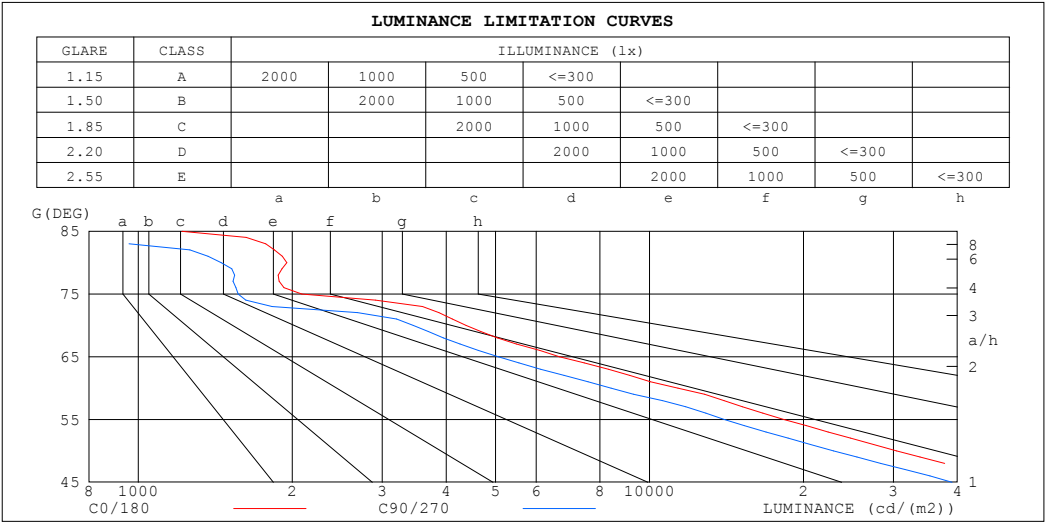
%lamp = 99.0%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz		
UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1216	268
80	1953	1451
75	2088	1568
70	4374	3451
65	6663	5060
60	11371	8409
55	18332	14002
50	30452	22894
45	51422	39047

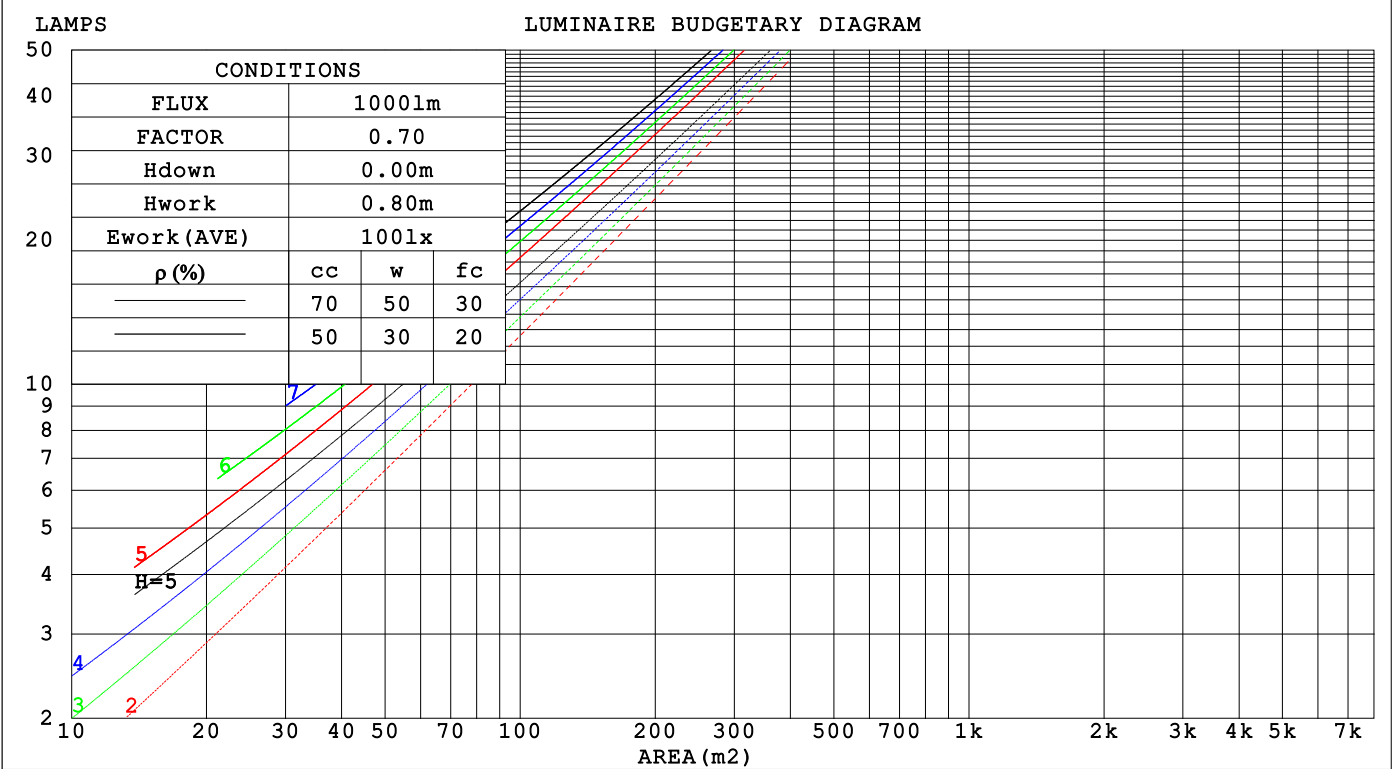
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz		
UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.02	.98	.95	1.01	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.88	.86
3.0	.95	.90	.86	.93	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5.0	.82	.76	.72	.81	.76	.71	.80	.75	.71	.78	.74	.70	.76	.73	.69	.68
6.0	.77	.71	.66	.76	.70	.66	.75	.69	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.72	.66	.61	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.63	.60	.59
8.0	.68	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.56	.55
9.0	.64	.58	.53	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.60	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.50	.57	.53	.50	.48



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz			UTHDi:0.17% ITHDi:8.49% KDisp:0.9793			Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 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	.185	.105	.033	.178	.102	.032	.166	.095	.030	.154	.089	.029	.143	.083	.027															
2.0	.178	.098	.030	.173	.095	.029	.162	.090	.028	.152	.085	.027	.143	.081	.026															
3.0	.170	.091	.027	.166	.089	.027	.156	.085	.026	.148	.081	.025	.140	.078	.024															
4.0	.162	.084	.025	.158	.083	.024	.150	.080	.024	.143	.077	.023	.136	.074	.023															
5.0	.155	.079	.023	.151	.078	.023	.144	.075	.022	.138	.073	.022	.132	.070	.021															
6.0	.148	.074	.021	.145	.073	.021	.138	.071	.021	.133	.069	.020	.127	.067	.020															
7.0	.141	.070	.020	.138	.069	.020	.133	.067	.019	.128	.065	.019	.123	.064	.019															
8.0	.135	.066	.019	.132	.065	.018	.128	.064	.018	.123	.062	.018	.119	.061	.018															
9.0	.129	.062	.017	.127	.062	.017	.122	.061	.017	.118	.059	.017	.114	.058	.017															
10.0	.124	.059	.016	.122	.059	.016	.118	.058	.016	.114	.057	.016	.111	.056	.016															

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	.172	.157	.144	.147	.135	.124	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.097	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.125	.098	.077	.086	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.049	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.114	.071	.041	.098	.062	.036	.068	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.108	.065	.035	.093	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.103	.060	.030	.089	.052	.027	.061	.036	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz										
UTHDi:0.17% ITHDi:8.49% KDisp:0.9793Lamp Flux:1180.93x1 lm										
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 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	22.3	23.3	22.5	23.5	23.6	21.3	22.3	21.6	22.5	22.7
3H	22.2	23.1	22.4	23.3	23.5	21.2	22.1	21.5	22.3	22.5
4H	22.1	23.0	22.4	23.2	23.4	21.1	22.0	21.4	22.2	22.4
6H	22.0	22.8	22.3	23.1	23.3	21.0	21.8	21.3	22.1	22.3
8H	22.0	22.7	22.3	23.0	23.3	21.0	21.8	21.3	22.0	22.3
12H	21.9	22.7	22.2	22.9	23.2	20.9	21.7	21.3	22.0	22.2
4H 2H	22.1	23.0	22.4	23.2	23.4	21.2	22.0	21.4	22.2	22.5
3H	22.0	22.7	22.3	23.0	23.3	21.0	21.8	21.4	22.0	22.3
4H	21.9	22.6	22.2	22.9	23.2	20.9	21.6	21.3	21.9	22.2
6H	21.8	22.4	22.2	22.7	23.1	20.9	21.5	21.2	21.8	22.1
8H	21.8	22.3	22.2	22.7	23.0	20.8	21.4	21.2	21.7	22.1
12H	21.7	22.2	22.1	22.6	23.0	20.8	21.3	21.2	21.6	22.0
8H 4H	21.8	22.3	22.1	22.7	23.0	20.8	21.4	21.2	21.7	22.1
6H	21.7	22.1	22.1	22.5	22.9	20.7	21.2	21.2	21.6	22.0
8H	21.6	22.0	22.1	22.4	22.9	20.7	21.1	21.1	21.5	21.9
12H	21.6	21.9	22.0	22.3	22.8	20.6	21.0	21.1	21.4	21.9
12H 4H	21.7	22.2	22.1	22.6	23.0	20.8	21.3	21.2	21.6	22.0
6H	21.6	22.0	22.1	22.4	22.9	20.7	21.1	21.1	21.5	21.9
8H	21.6	21.9	22.0	22.3	22.8	20.6	21.0	21.1	21.4	21.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.9 / - 6.4					+ 2.3 / - 6.5				
1.5H	+ 4.4 / - 5.0					+ 3.7 / - 4.4				
2.0H	+ 5.0 / - 5.8					+ 4.5 / - 5.4				

CIE Pub.117, 1181 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.6$)
Area: 0.0038 m²

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz		
UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

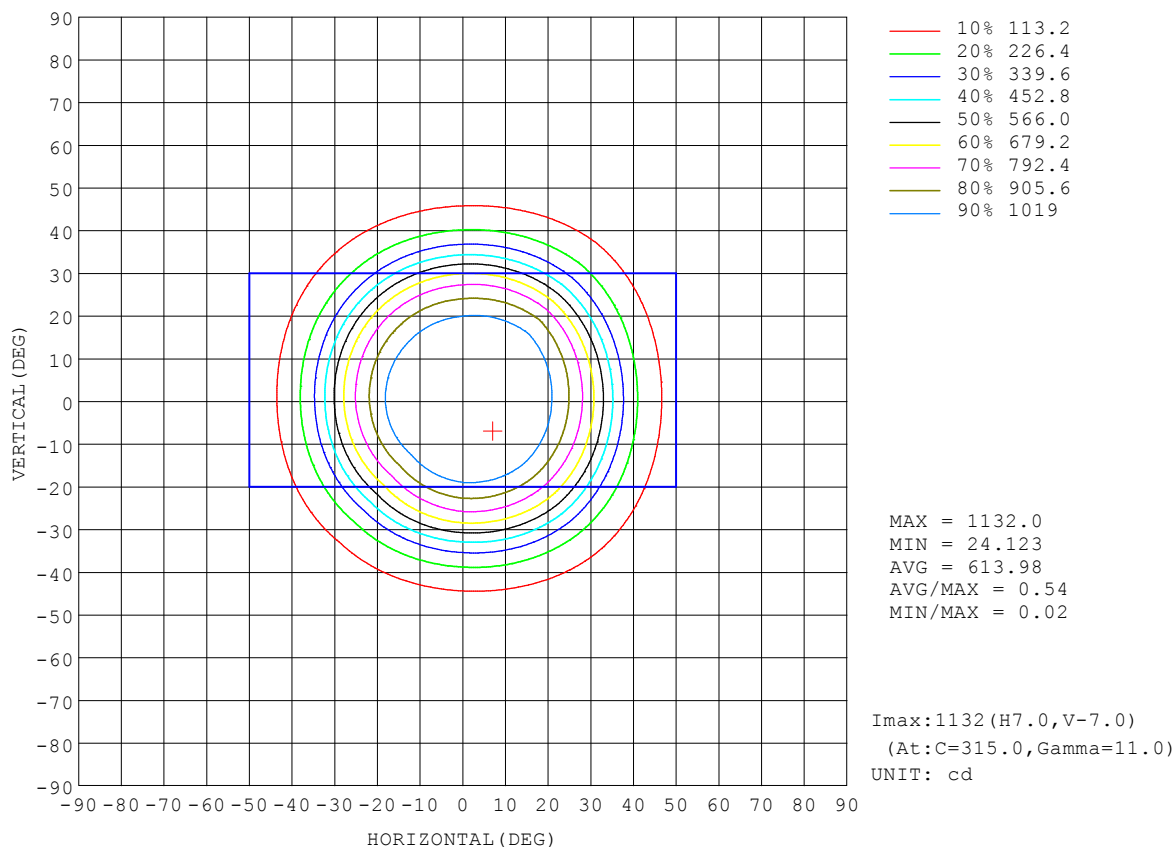
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	91	87	95	91	87	82
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	104	100	98	92
2.50	110	105	102	108	104	101	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	105	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: HIGH
 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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

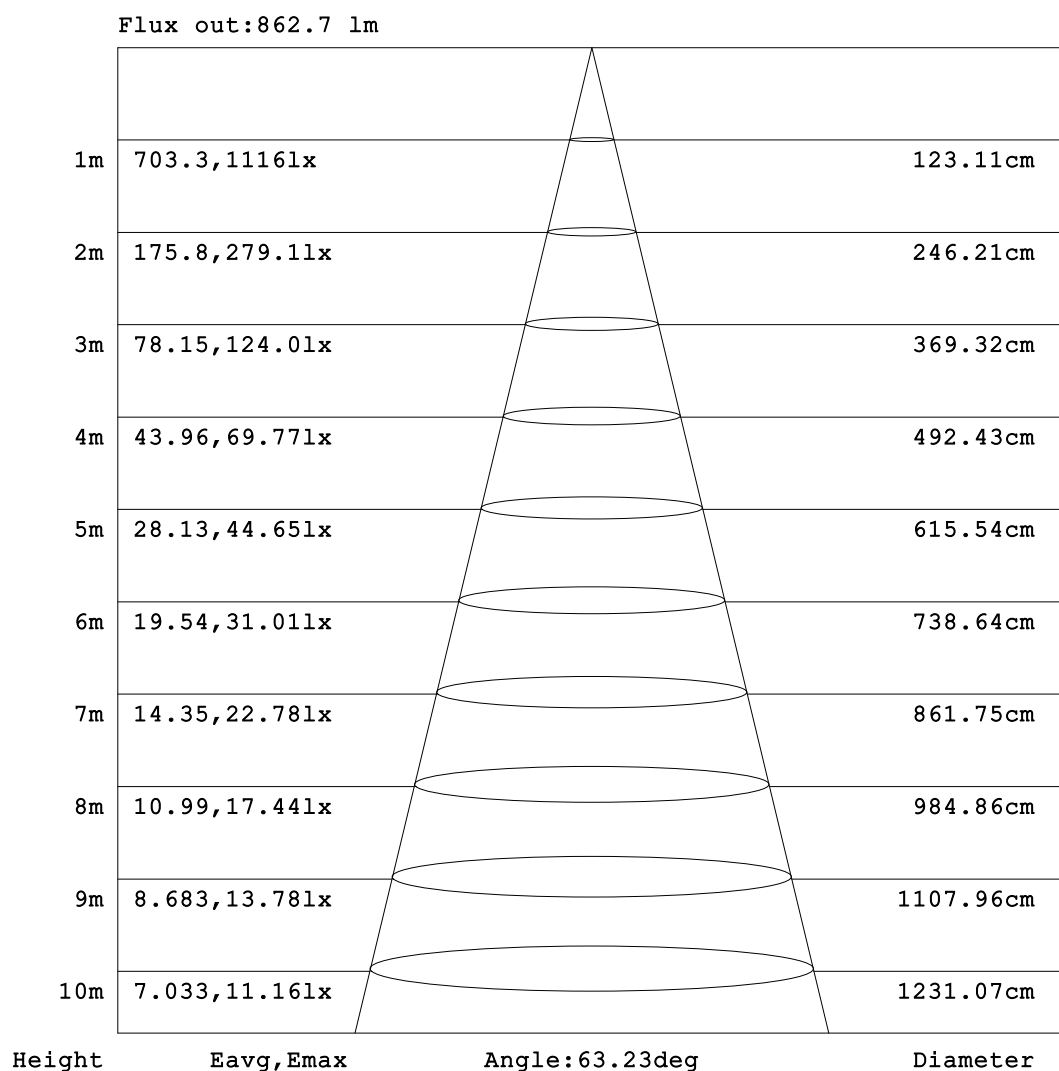


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:

AAI Figure

Test:U:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

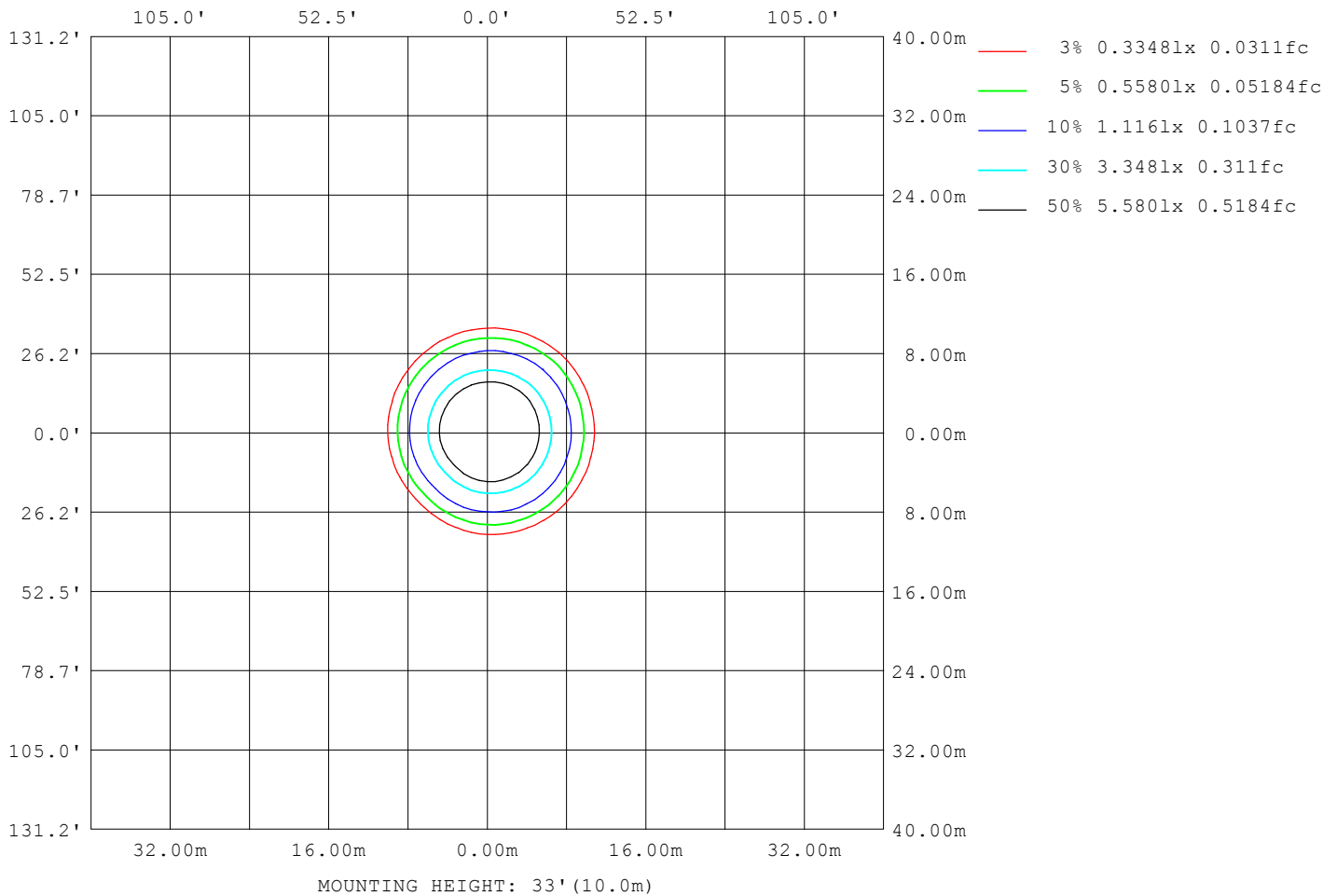


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-08-14

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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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:240.4V I:0.0624A P:14.6W PF:0.9729 Freq:49.99Hz UTHDi:0.17% ITHDi:8.49% KDisp:0.9793 Lamp Flux:1180.93x1 lm		
NAME: TR11-20-DW-01+白色防眩环 3000K RA90 60D 15W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

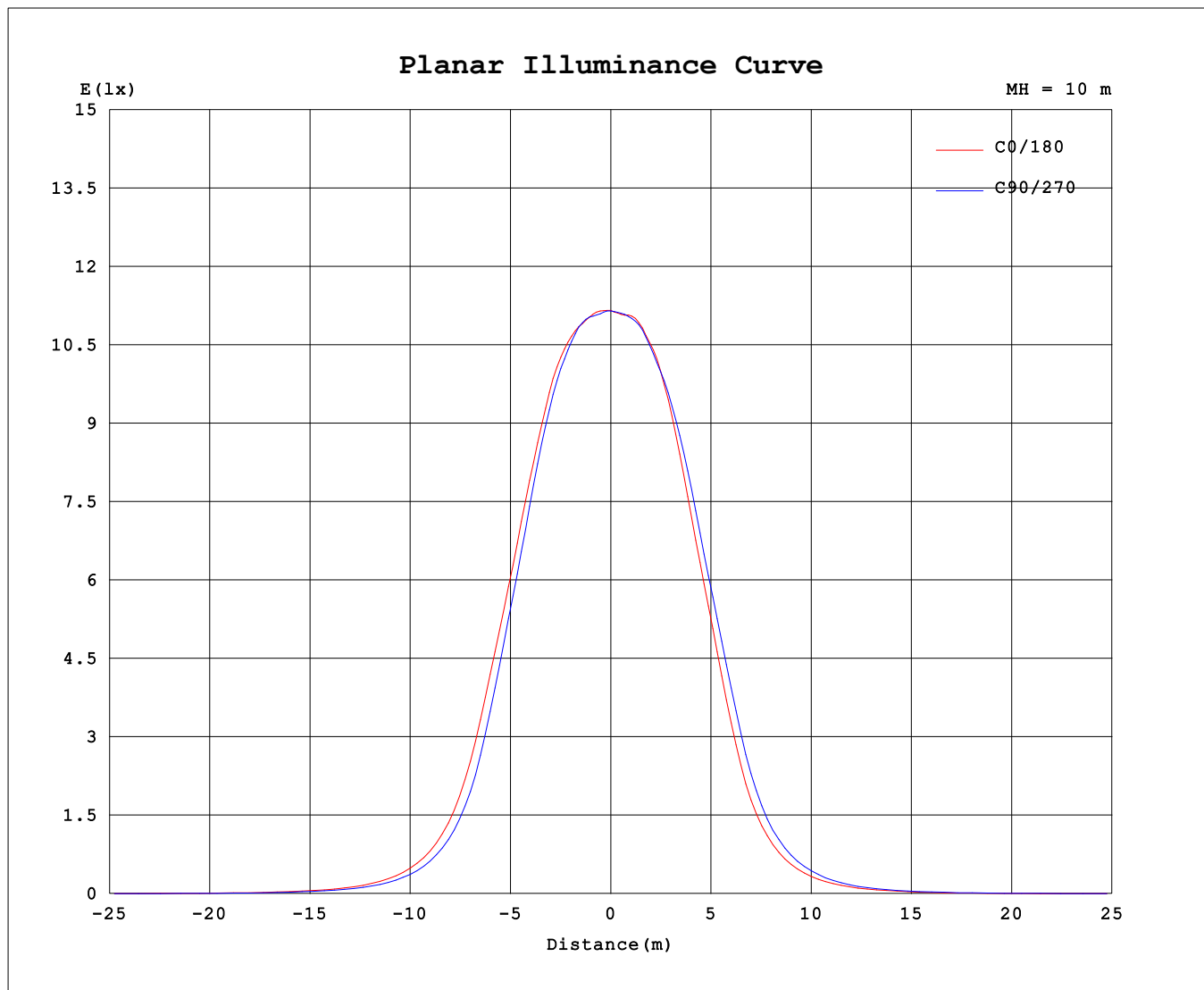
AvgL	cd/m2
L_0~180 (65) av	5377
L_0~180 (75) av	1730
L_0~180 (85) av	693
L_90~270 (65) av	5200
L_90~270 (75) av	1600
L_90~270 (85) av	262
L_45 (65) av	5281
L_45 (75) av	1640
L_45 (85) av	425

Standard: GB/T 29293-2012

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



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

```

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	1115	1115	1115	1115	1115	1115	1115	1115
3.0	1119	1117	1114	1112	1112	1111	1115	1122
6.0	1121	1121	1122	1115	1123	1120	1119	1123
9.0	1125	1131	1125	1110	1122	1122	1119	1129
12.0	1127	1127	1112	1093	1110	1111	1104	1130
15.0	1118	1112	1089	1065	1079	1081	1088	1124
18.0	1079	1068	1041	1003	1021	1032	1054	1092
21.0	1015	1001	962.4	904.8	933.4	963.3	994.5	1041
24.0	933.3	908.8	858.9	789.7	831.2	867.3	905.6	965.4
27.0	830.8	800.1	744.8	668.3	716.3	761.2	802.3	870.4
30.0	712.7	679.6	605.8	531.8	571.2	620.4	674.9	738.1
33.0	564.2	532.7	449.4	382.6	416.6	462.1	520.4	576.2
36.0	412.1	383.7	316.5	263.7	288.7	324.2	372.0	420.1
39.0	288.6	264.9	221.1	181.8	199.6	224.3	258.3	299.4
42.0	199.3	182.4	153.0	124.6	136.7	155.1	179.1	209.5
45.0	138.1	126.1	104.9	84.93	94.15	106.5	124.4	146.1
48.0	95.97	86.69	72.04	57.65	64.57	72.81	84.61	99.71
51.0	65.60	59.25	49.41	39.65	43.85	49.06	56.73	68.09
54.0	45.21	40.63	34.21	27.70	30.22	33.55	38.20	46.11
57.0	31.40	28.64	24.35	19.58	20.07	22.05	26.75	31.67
60.0	21.59	19.46	15.98	12.91	12.76	14.92	17.24	20.60
63.0	14.34	12.53	10.56	8.557	8.422	9.859	11.35	13.54
66.0	9.418	8.281	7.146	5.964	5.893	6.656	7.519	8.844
69.0	6.365	5.768	5.029	4.369	4.235	4.760	5.276	6.084
72.0	4.544	4.069	3.153	2.143	1.808	2.148	3.500	4.315
75.0	2.052	1.799	1.542	1.484	1.352	1.420	1.606	1.751
78.0	1.481	1.418	1.219	1.154	1.031	1.097	1.248	1.284
81.0	1.136	1.038	0.8142	0.6844	0.5446	0.6551	0.8460	0.9272
84.0	0.6449	0.4850	0.1918	0.0830	0.0751	0.0773	0.2375	0.4565
87.0	0.0848	0.0612	0.0530	0.0308	0.0311	0.0292	0.0526	0.0605
90.0	0.0344	0.0177	0.0247	0.0177	0.0209	0.0167	0.0206	0.0190

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 γ Interval: 1.0DEG
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Remarks: