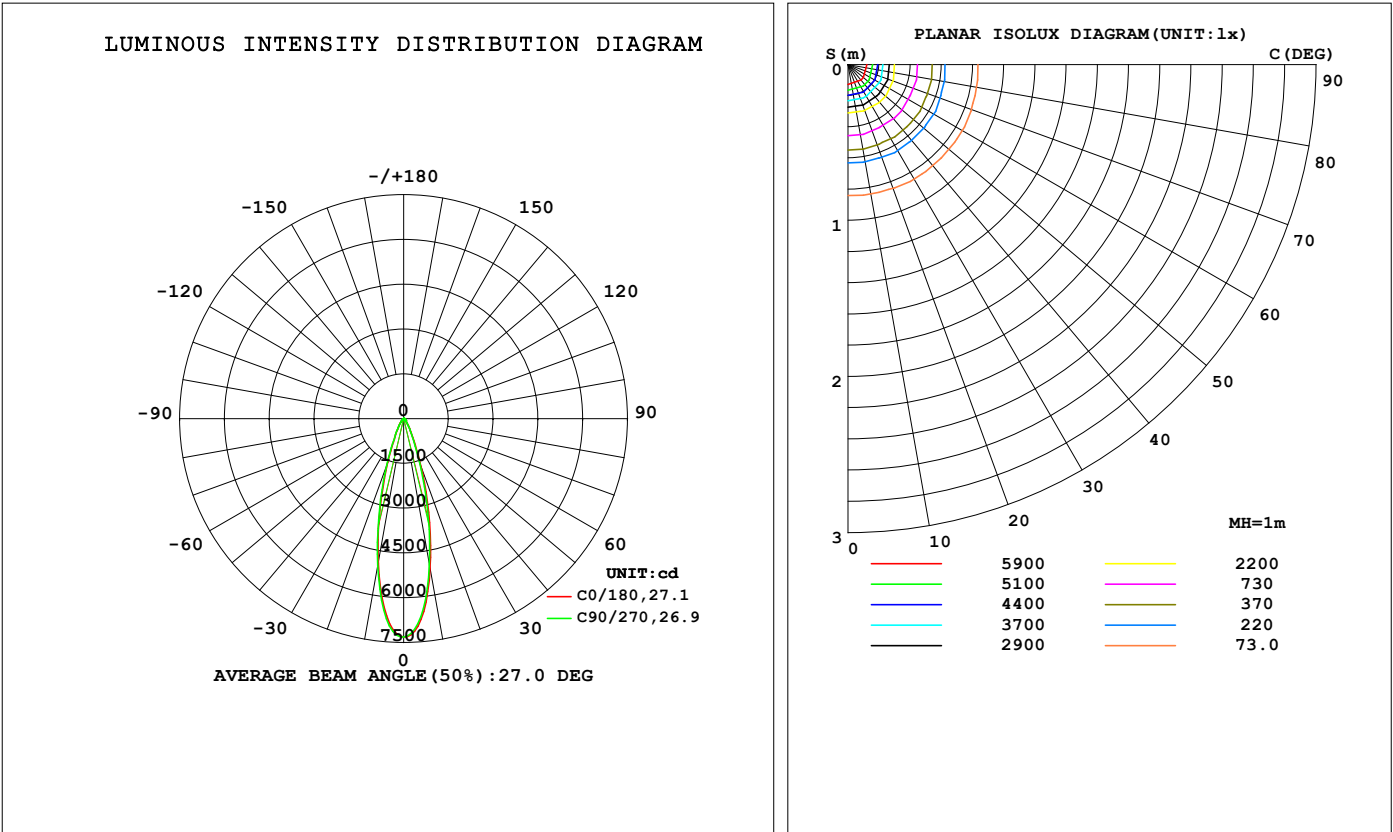


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 108.57 lm/W
MODEL		I <sub>max</sub> (cd)	7335	S/MH(C0/180)	0.45	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.45	
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	2140.3	η UP,DN(C0-180)	0.0,50.2	
NOMINAL FLUX(lm)	2140.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.8	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	240.37	η down (%)	100.0	CIBSE SHR MAX	0.30	



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	5107	5269	4977	4755	4920	4747	5014	5292	0- 10	583.5	583.5	27.3,27.3
20	1716	1798	1575	1439	1572	1457	1669	1842	10- 20	853.7	1437	67.2,67.2
30	447.2	472.8	429.8	403.9	422.1	395.8	434.5	471.8	20- 30	388.1	1825	85.3,85.3
40	157.1	168.0	153.8	144.8	149.5	138.7	152.5	163.7	30- 40	164.2	1989	93,93
50	70.40	75.40	70.74	65.46	66.17	64.16	69.79	74.42	40- 50	78.93	2068	96.6,96.6
60	36.07	37.82	36.45	32.45	33.05	32.54	36.82	37.63	50- 60	45.05	2113	98.7,98.7
70	11.29	12.07	10.86	8.293	9.231	8.804	10.76	12.26	60- 70	22.27	2136	99.8,99.8
80	1.699	1.763	1.545	1.331	1.415	1.347	1.640	1.814	70- 80	4.014	2140	100,100
90	0.0622	0.0431	0.0720	0.0480	0.0481	0.0472	0.0572	0.0435	80- 90	0.5637	2140	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): 2035.1 lm

%lum = 95.1%

%lamp = 95.1%

Conical surface Flux(120deg): 2113.5 lm

%lum = 98.7%

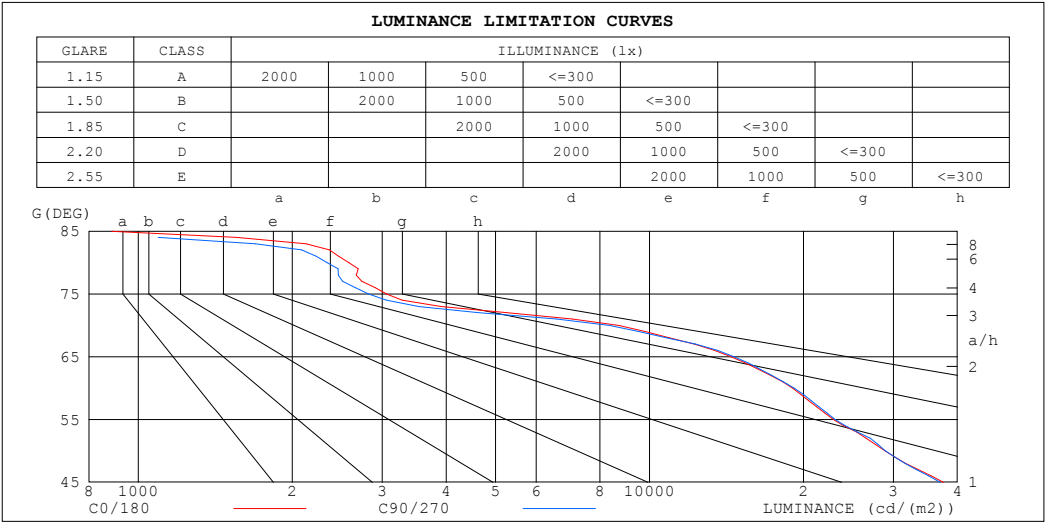
%lamp = 98.7%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.31x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	887	700
80	2582	2341
75	3059	2822
70	8710	8352
65	14441	14634
60	19038	19175
55	22897	23089
50	28904	28943
45	37576	37043

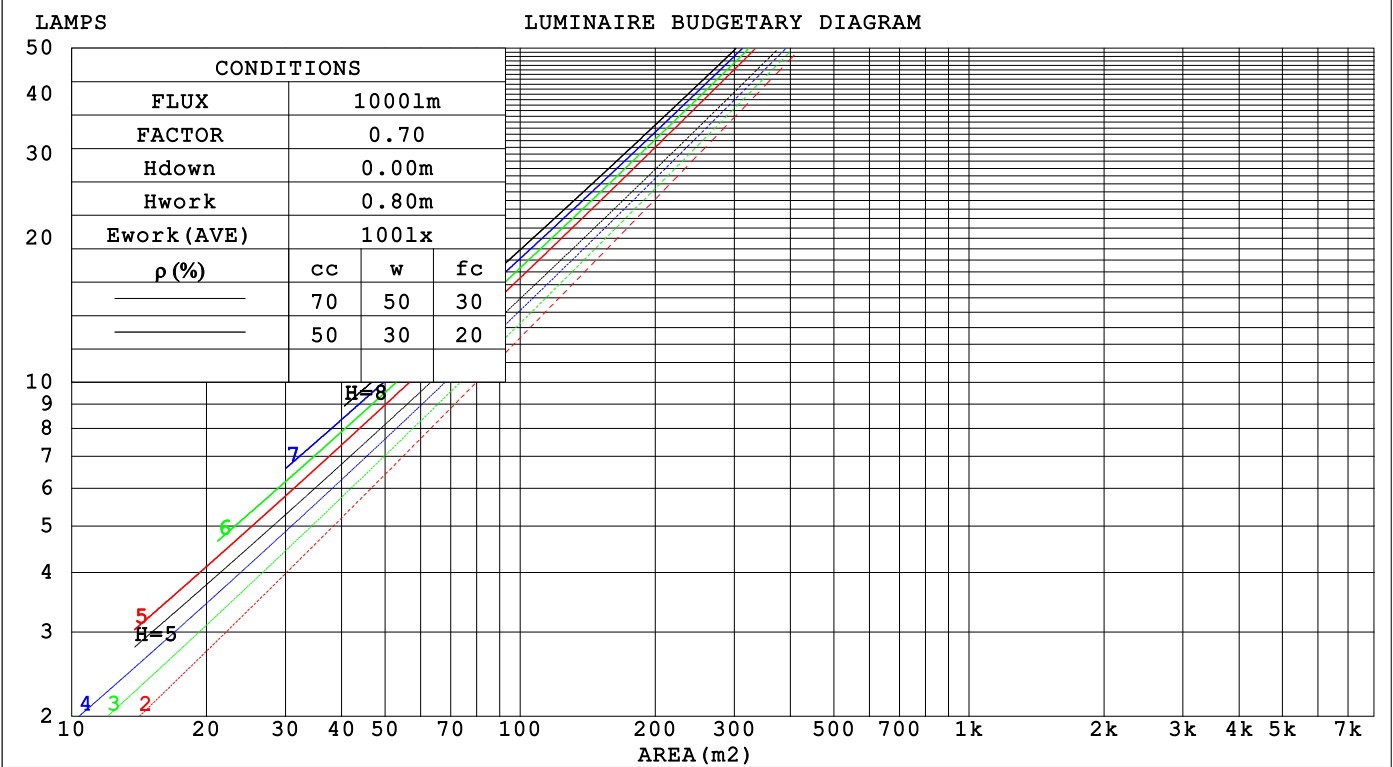
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877		
Lamp Flux:2140.31x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	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	.00	.99	.98	.97	.95
2.0	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.91
3.0	1.00	.96	.92	.99	.95	.92	.96	.93	.90	.94	.91	.89	.92	.89	.88	.86
4.0	.95	.91	.87	.94	.90	.86	.92	.88	.85	.90	.87	.85	.88	.86	.84	.82
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.78	.86	.82	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.82	.77	.74	.80	.77	.74	.79	.76	.74	.73
8.0	.80	.75	.72	.80	.75	.72	.79	.74	.72	.78	.74	.71	.77	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.74	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.72	.69	.66	.65



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.31x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	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	.155	.088	.028	.149	.085	.027	.136	.078	.025	.125	.072	.023	.114	.066	.021															
2.0	.146	.080	.025	.141	.078	.024	.130	.073	.023	.121	.068	.021	.112	.063	.020															
3.0	.138	.073	.022	.133	.071	.021	.124	.067	.020	.116	.064	.020	.109	.060	.019															
4.0	.130	.067	.020	.126	.066	.019	.118	.063	.019	.111	.060	.018	.105	.057	.017															
5.0	.122	.062	.018	.119	.061	.018	.113	.059	.017	.107	.056	.017	.101	.054	.016															
6.0	.116	.058	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016	.097	.051	.015															
7.0	.110	.054	.015	.107	.054	.015	.103	.052	.015	.098	.050	.015	.094	.049	.014															
8.0	.105	.051	.014	.103	.050	.014	.098	.049	.014	.094	.048	.014	.090	.046	.014															
9.0	.100	.048	.014	.098	.048	.013	.094	.047	.013	.091	.045	.013	.087	.044	.013															
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.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	.170	.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	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.059	.039	.061	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.096	.062	.039	.082	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.090	.057	.034	.078	.049	.030	.054	.035	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz											
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm											
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W						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		18.7	19.5	18.9	19.7	19.8	18.7	19.5	18.9	19.6	19.8
	3H	18.9	19.6	19.2	19.8	20.0	18.9	19.6	19.1	19.8	20.0
	4H	18.9	19.5	19.1	19.8	20.0	18.8	19.5	19.1	19.7	19.9
	6H	18.8	19.4	19.1	19.7	19.9	18.7	19.4	19.0	19.6	19.9
	8H	18.8	19.4	19.1	19.6	19.9	18.7	19.3	19.0	19.6	19.8
	12H	18.7	19.3	19.0	19.6	19.8	18.7	19.3	19.0	19.5	19.8
4H	2H	18.8	19.5	19.1	19.7	20.0	18.8	19.5	19.1	19.7	19.9
	3H	19.1	19.7	19.4	19.9	20.2	19.0	19.6	19.3	19.9	20.2
	4H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
	6H	18.9	19.4	19.3	19.7	20.1	18.9	19.4	19.2	19.7	20.0
	8H	18.9	19.3	19.3	19.7	20.0	18.8	19.3	19.2	19.6	20.0
	12H	18.8	19.2	19.2	19.6	20.0	18.8	19.2	19.2	19.6	19.9
8H	4H	18.9	19.3	19.3	19.7	20.0	18.8	19.3	19.2	19.6	20.0
	6H	18.8	19.2	19.2	19.6	20.0	18.8	19.1	19.2	19.5	19.9
	8H	18.8	19.1	19.2	19.5	19.9	18.7	19.0	19.2	19.5	19.9
	12H	18.7	19.0	19.2	19.4	19.9	18.7	18.9	19.1	19.4	19.8
12H	4H	18.8	19.2	19.2	19.6	20.0	18.8	19.2	19.2	19.6	20.0
	6H	18.8	19.1	19.2	19.5	19.9	18.7	19.0	19.1	19.4	19.9
	8H	18.7	19.0	19.2	19.4	19.9	18.7	18.9	19.1	19.4	19.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.3 / - 2.1					+ 1.3 / - 2.0				
1.5H		+ 2.0 / - 1.3					+ 1.9 / - 1.2				
2.0H		+ 2.0 / - 1.6					+ 1.9 / - 1.6				

CIE Pub.117, 2140 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.6$ )  
Area: 0.0038 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

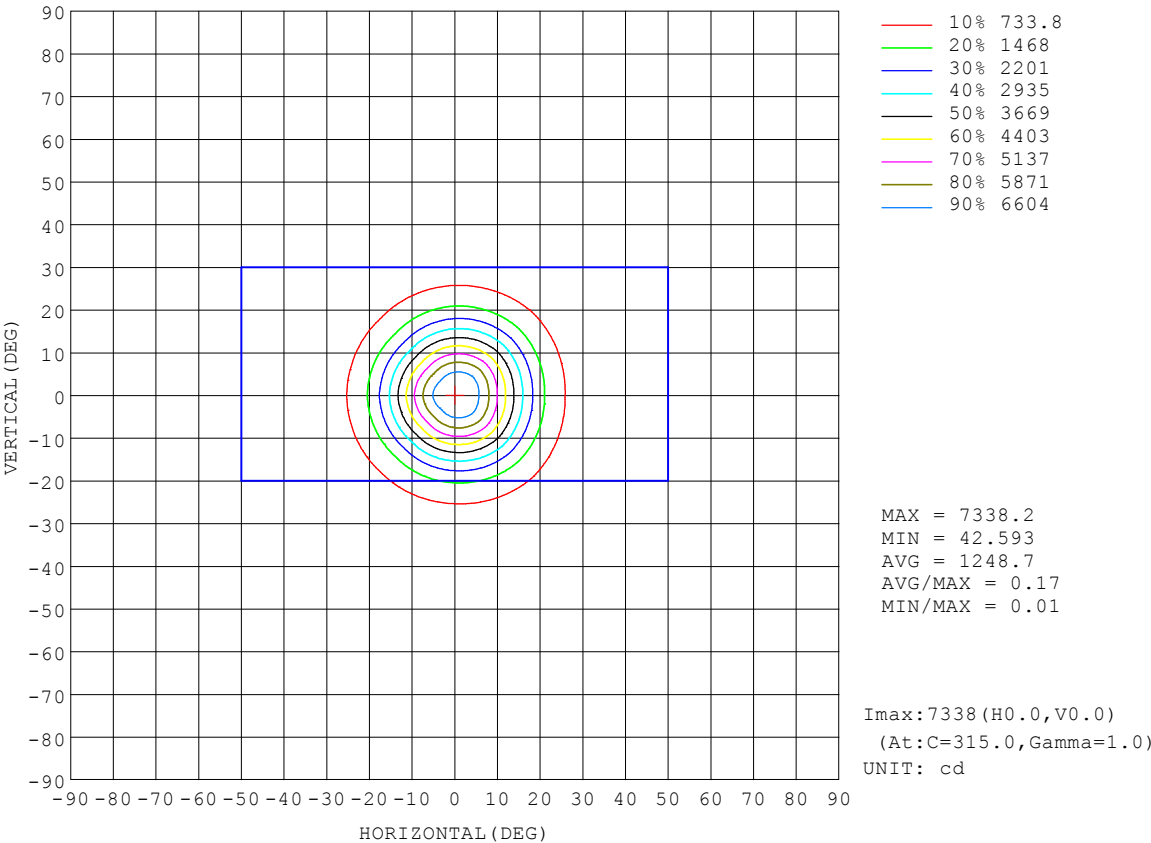
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	102	105	103	101	95
3.00	112	108	106	110	107	104	107	104	102	96
4.00	114	111	109	112	109	107	108	106	105	98
5.00	115	113	111	113	111	109	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: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-07

$\gamma$  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:

ISOCANDELA DIAGRAM

Test:U:240.4V I:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

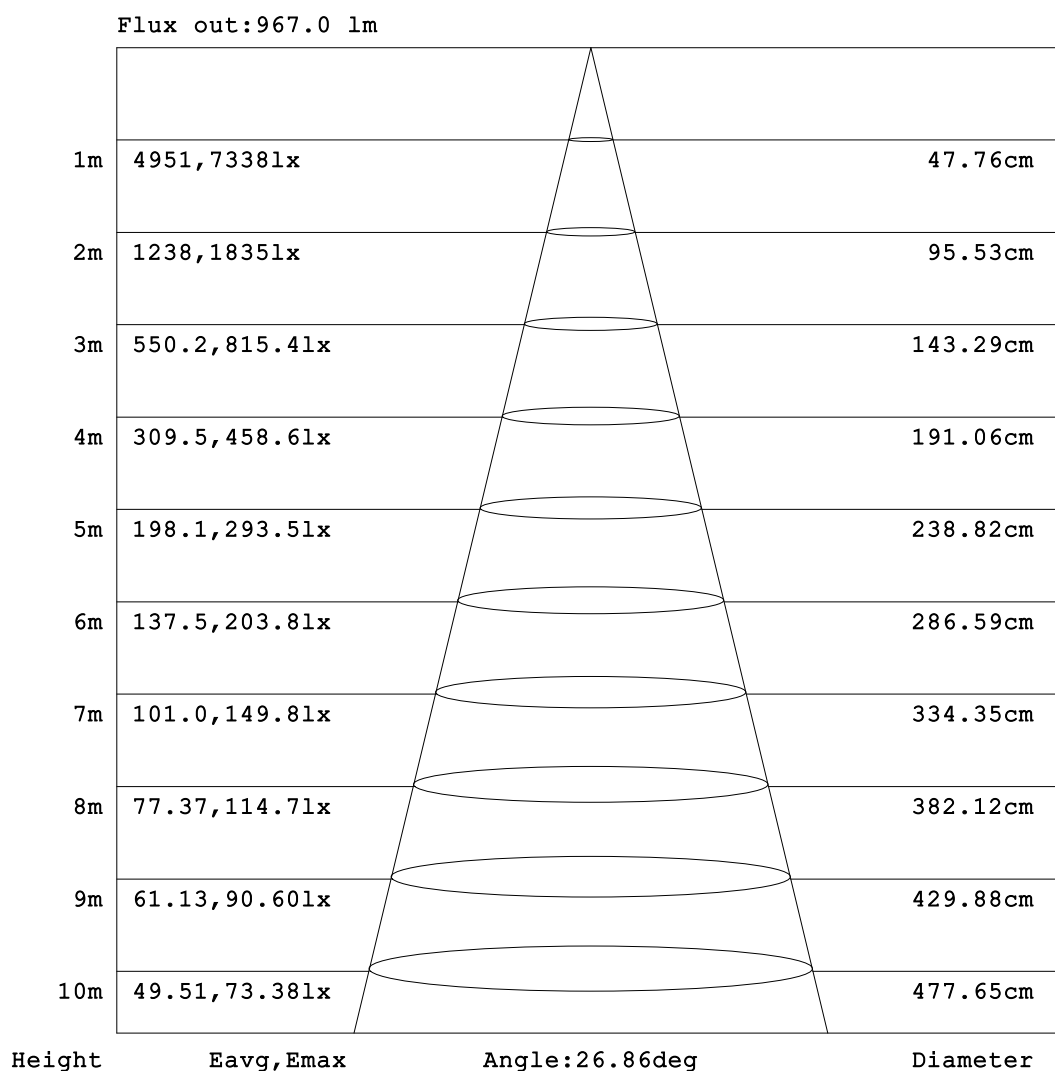


C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 45.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:3.090m [K=1.0000]
Test Date:2024-08-07	Remarks:



## AAI Figure

Test:U:240.4V I:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



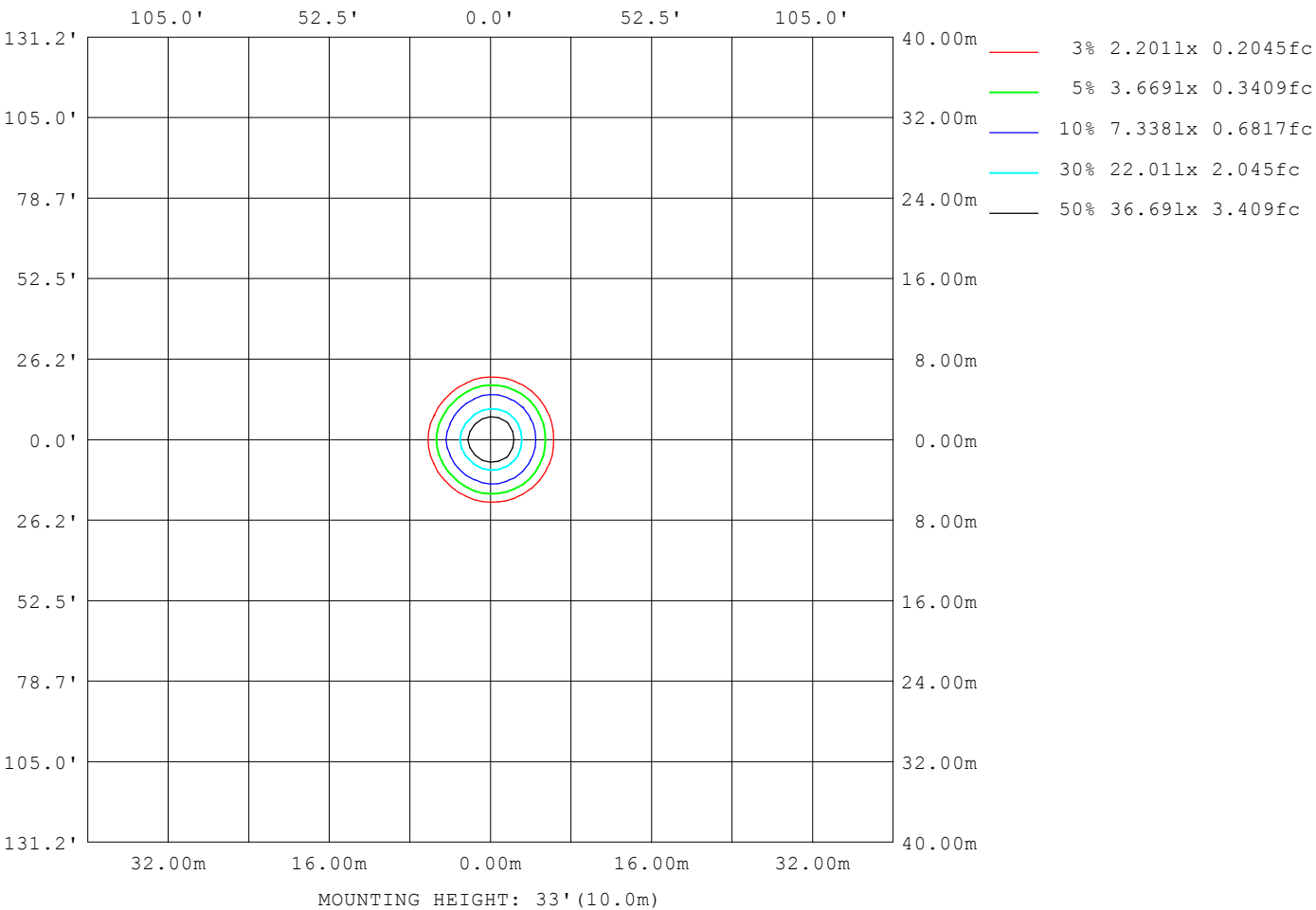
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

$\gamma$  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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz		
UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.3lx1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	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:2024-08-07

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:0.0834A P:19.7W PF:0.9833 Freq:49.99Hz UTHDi:0.17% ITHDi:6.61% KDisp:0.9877 Lamp Flux:2140.31x1 lm		
NAME: TR11-20-XX-01+白色防眩环 4000K RA90 24D 20W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

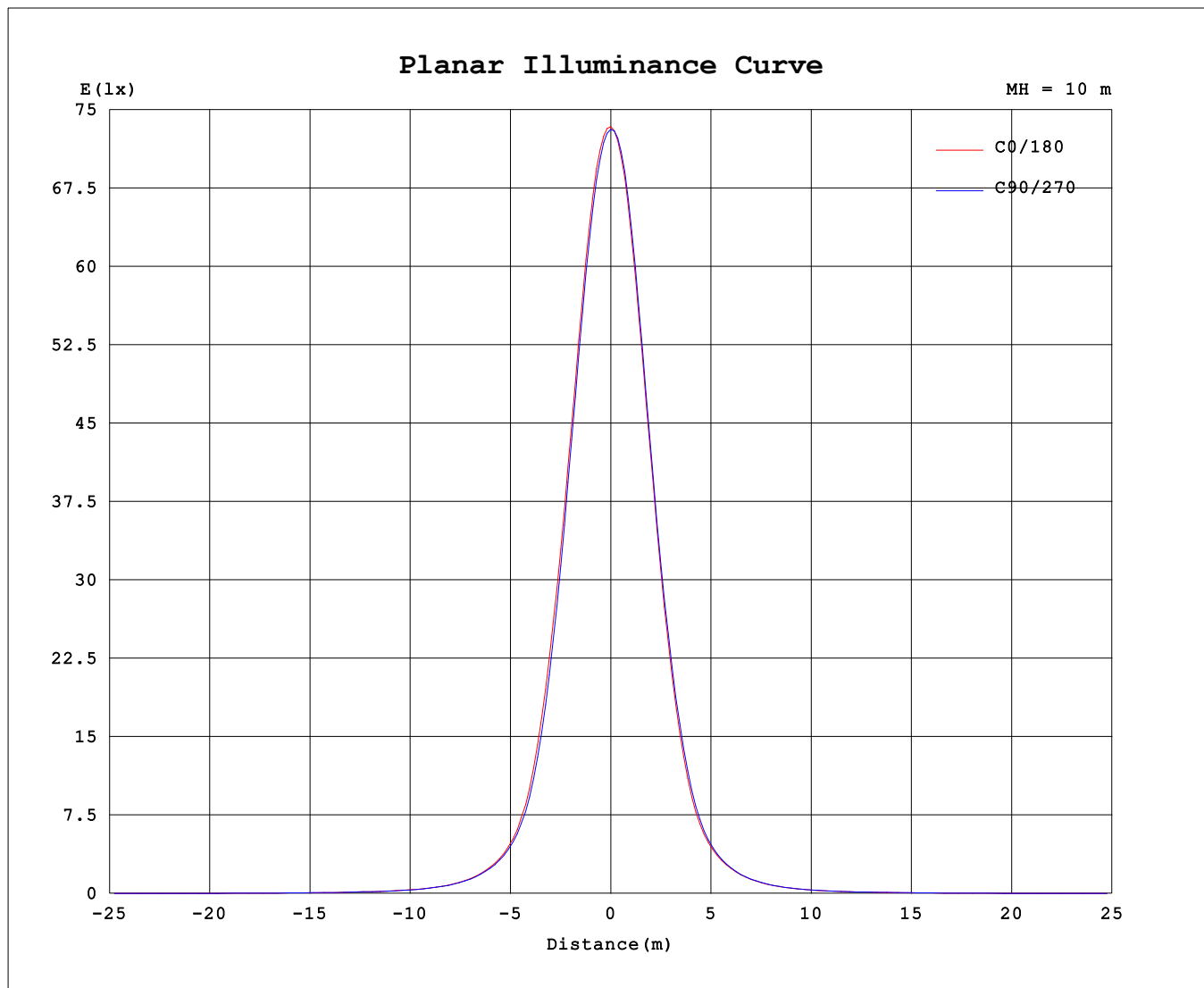
AvgL	cd/m2
L_0~180 (65) av	13747
L_0~180 (75) av	2887
L_0~180 (85) av	750
L_90~270 (65) av	14631
L_90~270 (75) av	2928
L_90~270 (85) av	695
L_45 (65) av	13982
L_45 (75) av	2912
L_45 (85) av	750

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-07

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: 2024-08-07

$\gamma$  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	7318	7318	7318	7318	7318	7318	7318	7318
3.0	7131	7178	7066	6972	7063	7006	7133	7224
6.0	6491	6597	6385	6199	6348	6236	6450	6643
9.0	5487	5640	5361	5131	5302	5138	5401	5668
12.0	4351	4511	4206	3990	4150	3965	4232	4526
15.0	3240	3377	3067	2877	3036	2862	3132	3405
18.0	2270	2363	2101	1948	2098	1948	2190	2407
21.0	1475	1551	1355	1236	1349	1252	1444	1592
24.0	953.6	989.2	886.9	813.2	867.8	816.9	928.0	1012
27.0	634.5	668.8	602.3	564.7	592.6	559.6	621.5	676.3
30.0	447.2	472.8	429.8	403.9	422.1	395.8	434.5	471.8
33.0	321.5	341.8	311.6	292.8	304.6	284.4	310.9	337.4
36.0	234.0	249.1	227.5	215.8	223.8	206.6	227.8	244.8
39.0	172.9	184.9	168.9	159.3	164.6	152.7	167.8	180.5
42.0	130.6	139.5	128.2	120.6	124.0	115.5	127.3	135.7
45.0	100.7	107.5	99.59	93.27	95.34	90.32	99.22	104.3
48.0	80.30	85.33	80.40	74.23	75.35	72.57	79.65	84.26
51.0	65.96	71.13	67.02	62.07	62.53	60.56	65.48	69.94
54.0	53.33	56.56	53.92	49.07	49.51	48.19	54.16	55.77
57.0	43.79	45.86	44.40	40.46	40.74	39.98	44.88	45.52
60.0	36.07	37.82	36.45	32.45	33.05	32.54	36.82	37.63
63.0	28.09	29.44	28.41	25.07	25.64	25.28	28.62	29.54
66.0	20.64	22.05	21.01	17.72	18.46	18.08	20.75	21.97
69.0	13.31	14.23	12.97	10.84	11.51	11.36	12.88	14.33
72.0	6.143	7.083	5.427	4.042	4.544	4.437	5.456	7.651
75.0	3.000	3.098	2.777	2.509	2.680	2.603	2.983	3.246
78.0	2.102	2.131	1.946	1.753	1.824	1.791	2.087	2.228
81.0	1.462	1.513	1.325	1.126	1.220	1.132	1.411	1.555
84.0	0.6160	0.6761	0.4342	0.2067	0.2816	0.2274	0.4335	0.7357
87.0	0.1706	0.1430	0.1471	0.0833	0.1164	0.0859	0.1457	0.1482
90.0	0.0622	0.0431	0.0720	0.0480	0.0481	0.0472	0.0572	0.0435

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 C Interval: 45.0DEG  
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 Temperature: 25.3DEG  
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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: