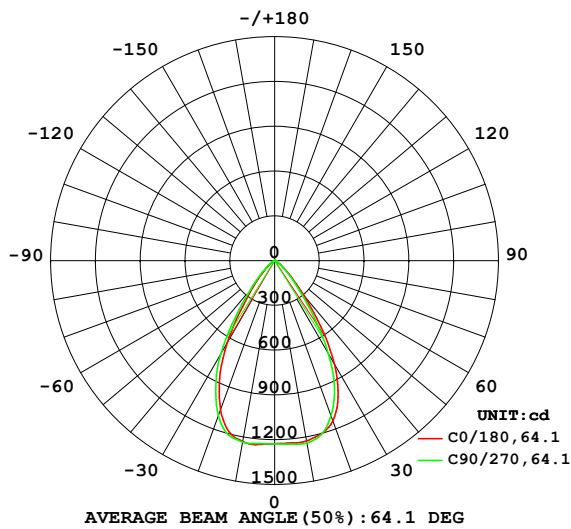


## LUMINAIRE PHOTOMETRIC TEST REPORT

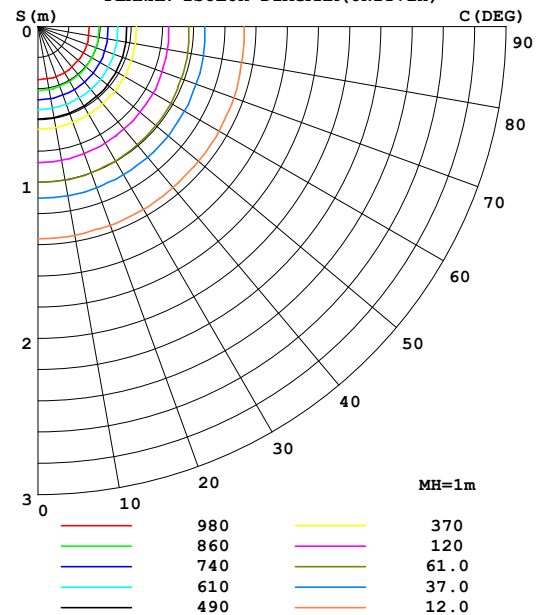
Test:U:240.4V I:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.74 lm/W
MODEL		I <sub>max</sub> (cd)	1242	S/MH(C0/180)		0.90
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)		0.94
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	1332.4	η UP,DN(C0-180)		0.0,51.8
NOMINAL FLUX(lm)	1332.39	CIE CLASS	DIRECT	η UP,DN(C180-360)		0.0,48.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.75
TEST VOLTAGE(V)	240.39	η down(%)	100.0	CIBSE SHR MAX		0.95

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:2024-09-04

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	1227	1235	1240	1233	1231	1227	1235	1237	0- 10	117.7	117.7	8.84,8.84
20	1142	1136	1105	1089	1061	1071	1104	1114	10- 20	335.1	452.8	34,34
30	804.0	779.6	724.2	708.7	635.6	655.4	723.9	742.1	20- 30	425.8	878.6	65.9,65.9
40	307.5	293.8	256.6	248.5	211.8	216.4	253.2	260.0	30- 40	288.0	1167	87.6,87.6
50	91.14	86.76	77.10	73.85	61.17	63.17	74.96	77.08	40- 50	113.3	1280	96.1,96.1
60	24.67	24.18	21.62	22.21	17.40	18.08	20.33	19.93	50- 60	38.46	1318	98.9,98.9
70	6.069	5.962	5.514	5.714	4.675	4.895	5.231	5.052	60- 70	11.06	1329	99.8,99.8
80	1.261	1.212	1.131	1.326	0.9677	0.9927	1.112	0.9473	70- 80	2.565	1332	100,100
90	0.0366	0.0257	0.0344	0.0235	0.0282	0.0276	0.0296	0.0254	80- 90	0.3695	1332	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): 1237.7 lm

%lum = 92.9%

%lamp = 92.9%

Conical surface Flux(120deg): 1318.4 lm

%lum = 98.9%

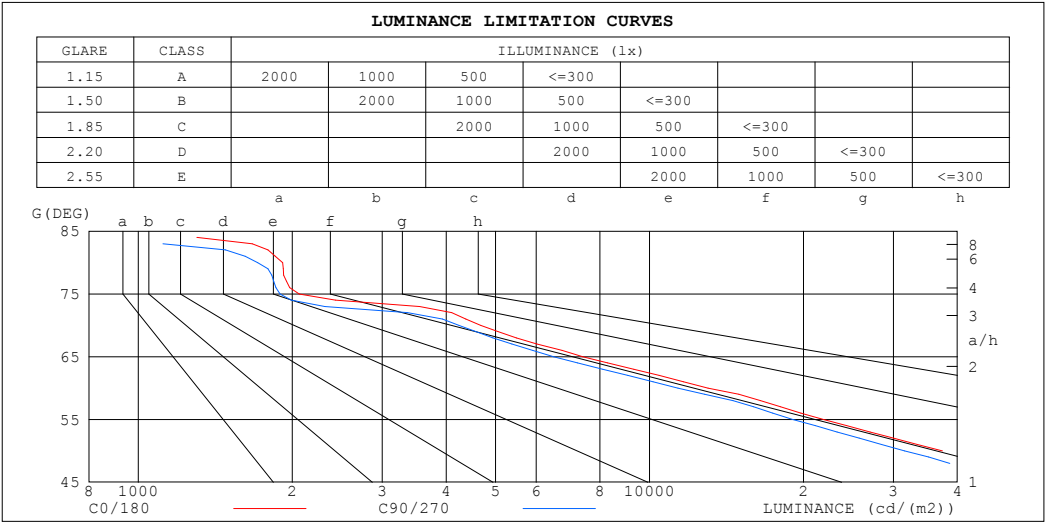
%lamp = 98.9%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

$\gamma$  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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	728	349
80	1915	1713
75	2065	1892
70	4680	4240
65	7412	6498
60	13011	11372
55	21894	19083
50	37390	31543
45	63175	53036

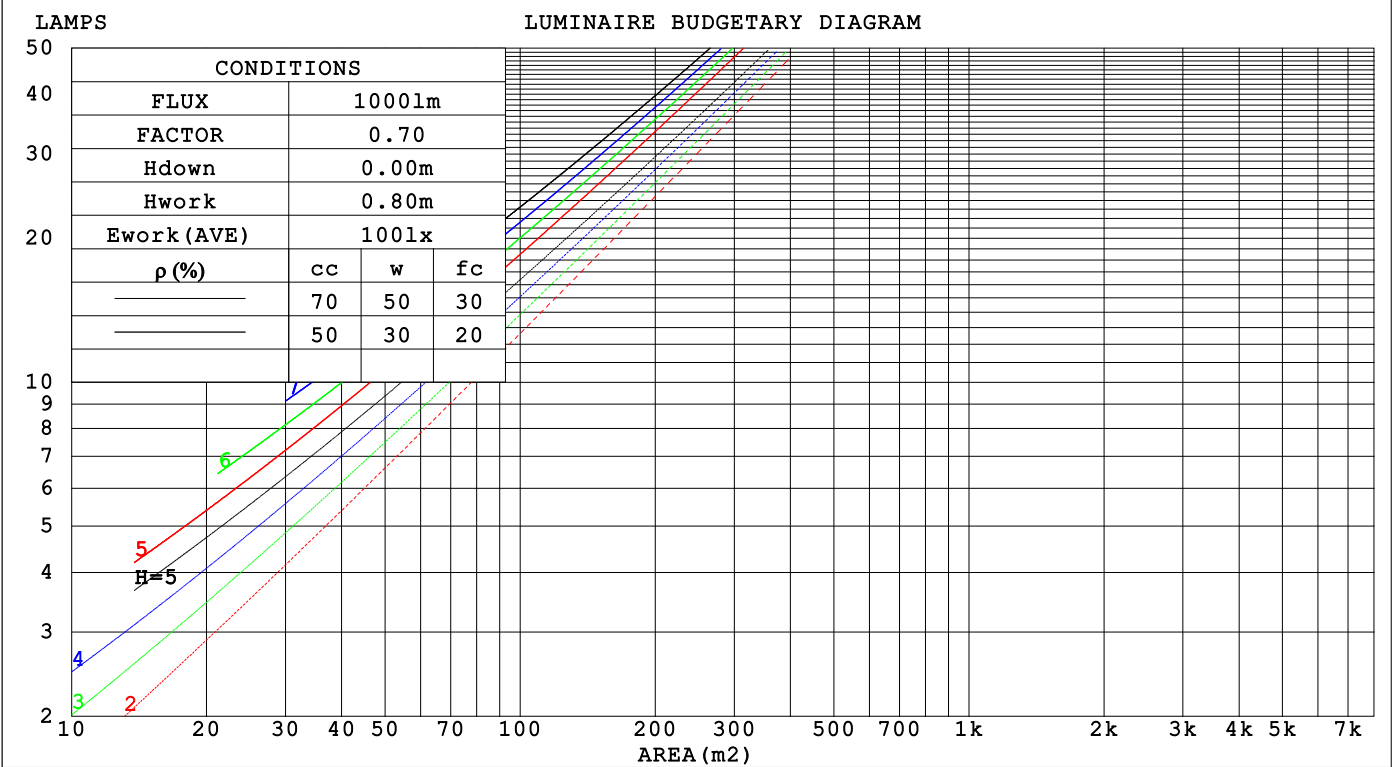
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86
3.0	.95	.89	.85	.93	.88	.84	.91	.86	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.82	.78	.87	.81	.77	.85	.80	.76	.83	.79	.75	.81	.77	.74	.73
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.67
6.0	.76	.70	.66	.76	.70	.65	.74	.69	.65	.73	.68	.64	.71	.67	.64	.63
7.0	.72	.65	.61	.71	.65	.61	.70	.64	.60	.68	.64	.60	.67	.63	.60	.58
8.0	.67	.61	.57	.67	.61	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.52	.51
10.0	.59	.53	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.57	.52	.49	.47



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz			UTHDi:0.18% ITHDi:7.93% KDisp:0.9493			Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W			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	.187	.106	.034	.180	.103	.033	.167	.096	.031	.156	.090	.029	.145	.084	.027															
2.0	.180	.099	.030	.175	.096	.030	.164	.091	.028	.154	.086	.027	.145	.082	.026															
3.0	.172	.092	.027	.167	.090	.027	.158	.086	.026	.150	.082	.025	.142	.079	.024															
4.0	.164	.085	.025	.160	.084	.025	.152	.081	.024	.145	.078	.023	.138	.075	.023															
5.0	.157	.080	.023	.153	.078	.023	.146	.076	.022	.139	.074	.022	.133	.071	.021															
6.0	.149	.075	.021	.146	.074	.021	.140	.072	.021	.134	.070	.021	.129	.068	.020															
7.0	.143	.070	.020	.140	.070	.020	.134	.068	.020	.129	.066	.019	.124	.065	.019															
8.0	.136	.067	.019	.134	.066	.019	.129	.064	.018	.124	.063	.018	.120	.062	.018															
9.0	.130	.063	.018	.128	.062	.018	.124	.061	.017	.120	.060	.017	.116	.059	.017															
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.115	.057	.016	.112	.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	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.062	.080	.060	.043	.046	.035	.026	.015	.011	.008	
5.0	.128	.088	.058	.110	.076	.051	.076	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.079	.048	.104	.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	.109	.065	.035	.093	.056	.031	.065	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.104	.060	.030	.089	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.099	.056	.027	.085	.048	.023	.059	.034	.017	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz										
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm										
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W						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				
x = 2H y = 2H						22.5	23.6	22.8	23.7	23.9
3H						22.4	23.3	22.7	23.5	23.7
4H						22.3	23.2	22.6	23.4	23.6
6H						22.2	23.0	22.5	23.3	23.5
8H						22.2	23.0	22.5	23.2	23.5
12H						22.1	22.9	22.5	23.2	23.4
4H 2H						22.3	23.2	22.6	23.4	23.7
3H						22.2	23.0	22.5	23.2	23.5
4H						22.1	22.8	22.5	23.1	23.4
6H						22.0	22.6	22.4	23.0	23.3
8H						22.0	22.5	22.4	22.9	23.3
12H						21.9	22.4	22.4	22.8	23.2
8H 4H						22.0	22.5	22.4	22.9	23.3
6H						21.9	22.4	22.3	22.7	23.2
8H						21.9	22.3	22.3	22.7	23.1
12H						21.8	22.1	22.3	22.6	23.1
12H 4H						21.9	22.4	22.4	22.8	23.2
6H						21.9	22.3	22.3	22.7	23.1
8H						21.8	22.1	22.3	22.6	23.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H						+ 2.8 / - 6.6				
1.5H						+ 4.2 / - 4.9				
2.0H						+ 5.0 / - 6.1				

CIE Pub.117, 1332 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 1.0$ )  
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:2024-09-04

$\gamma$  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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

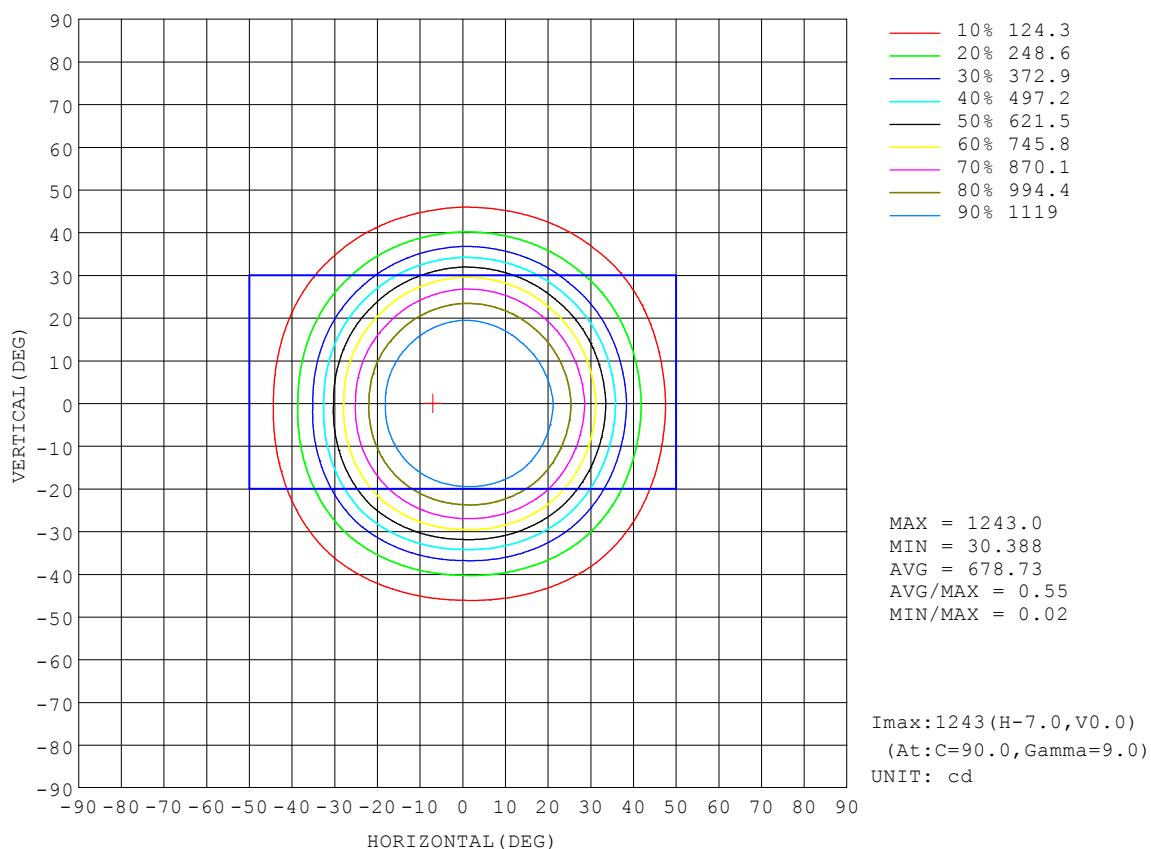
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	77	72	83	76	72	82	76	72	68
0.80	92	85	81	91	85	81	90	84	80	76
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	101	97	94	89
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	107	105	104	96
5.00	114	112	110	112	110	108	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: 2024-09-04

$\gamma$  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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



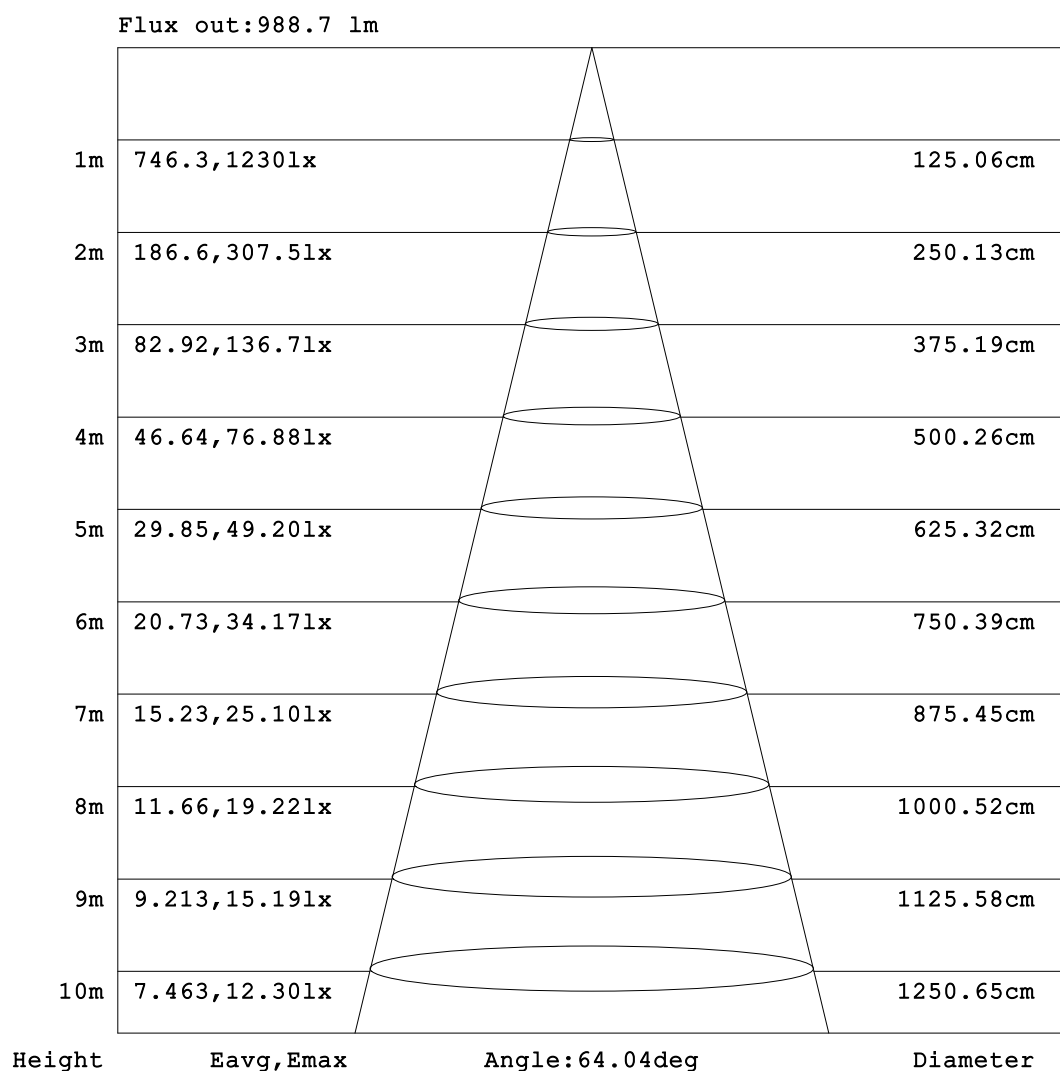
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

$\gamma$  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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:



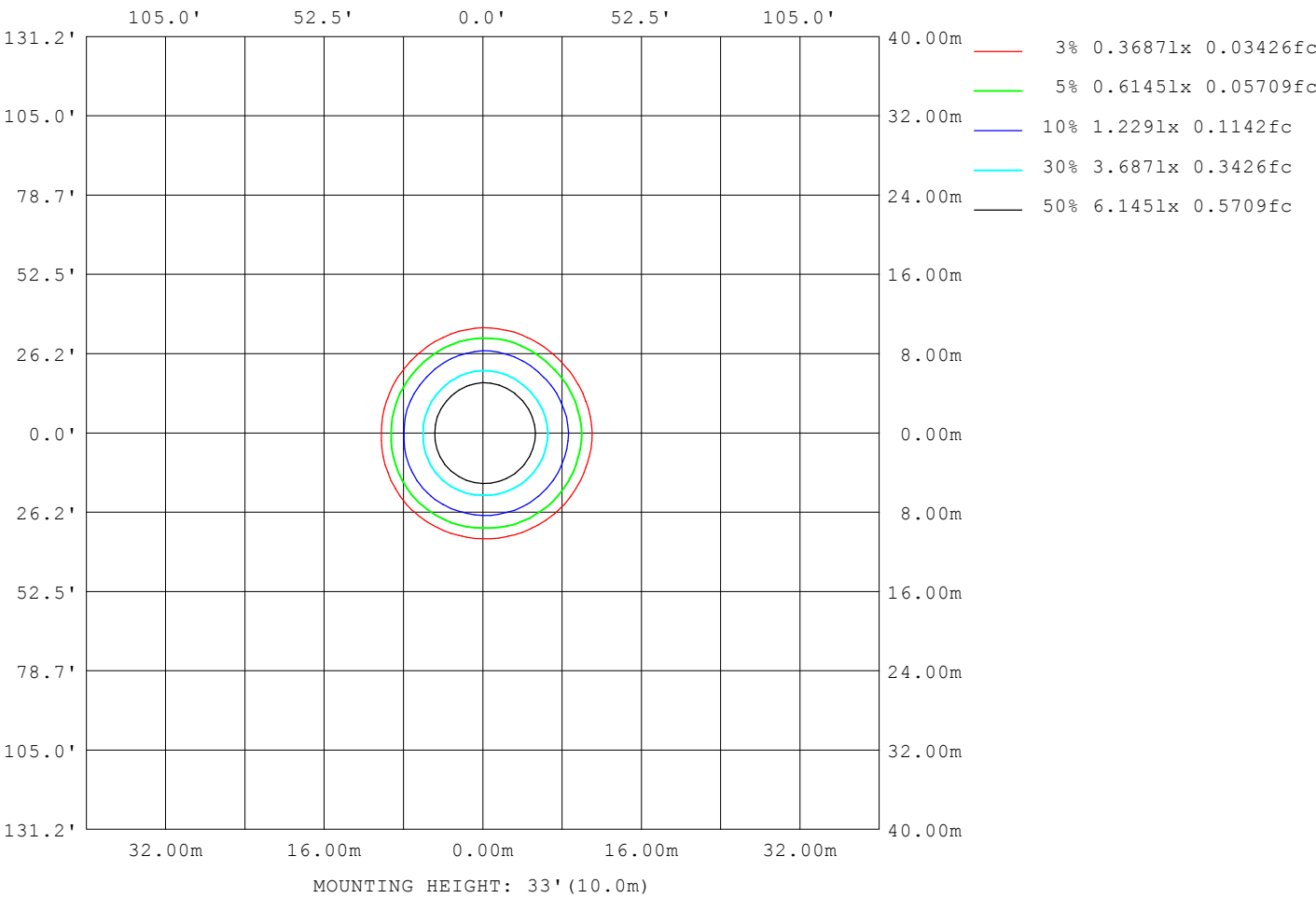
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-09-04

$\gamma$  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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz		
UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	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:2024-09-04

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:0.0805A P:18.3W PF:0.9462 Freq:49.99Hz UTHDi:0.18% ITHDi:7.93% KDisp:0.9493 Lamp Flux:1332.39x1 lm		
NAME: TR11-20-TW-02+白色防眩环 2700K RA90 60D 18W	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 70mm	Shielding Angle:

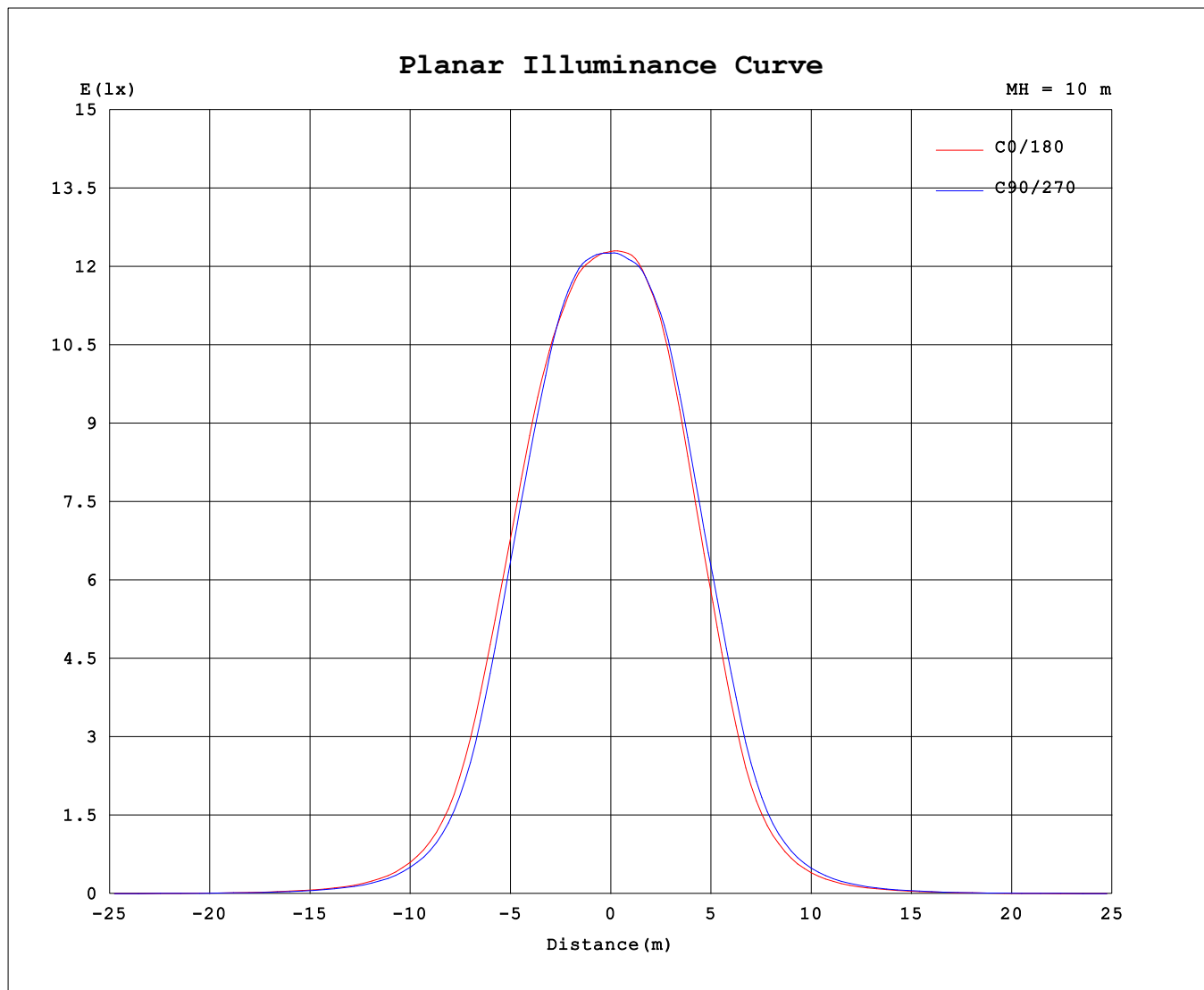
AvgL	cd/m2
L_0~180 (65) av	6372
L_0~180 (75) av	1908
L_0~180 (85) av	500
L_90~270 (65) av	6269
L_90~270 (75) av	1873
L_90~270 (85) av	348
L_45 (65) av	6403
L_45 (75) av	1883
L_45 (85) av	352

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-09-04

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: 2024-09-04

$\gamma$  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	1227	1227	1227	1227	1227	1227	1227	1227
3.0	1226	1226	1230	1227	1231	1230	1228	1225
6.0	1227	1231	1237	1234	1239	1235	1232	1234
9.0	1229	1237	1242	1235	1236	1232	1237	1240
12.0	1218	1230	1232	1224	1219	1216	1225	1228
15.0	1202	1217	1207	1197	1185	1189	1208	1202
18.0	1174	1177	1153	1141	1120	1129	1155	1156
21.0	1121	1113	1080	1059	1027	1038	1074	1089
24.0	1039	1026	986.9	957.7	912.5	924.3	973.6	998.4
27.0	931.5	915.7	869.6	840.7	786.2	802.0	860.3	886.7
30.0	804.0	779.6	724.2	708.7	635.6	655.4	723.9	742.1
33.0	649.7	618.9	561.3	556.5	472.3	494.4	561.7	575.5
36.0	486.3	459.5	408.9	403.8	335.0	350.6	406.5	414.8
39.0	345.4	329.2	288.9	280.9	236.9	244.3	285.7	292.8
42.0	242.6	231.7	202.7	194.5	165.4	169.7	199.3	205.0
45.0	169.4	162.3	142.6	135.5	114.2	117.2	139.3	143.4
48.0	116.5	111.6	98.34	94.21	78.42	81.06	96.29	98.44
51.0	79.77	76.25	68.09	65.35	54.17	55.96	66.26	67.89
54.0	54.17	52.25	47.14	45.76	37.97	39.24	45.32	46.23
57.0	37.23	36.46	33.08	32.65	26.97	27.99	31.71	31.58
60.0	24.67	24.18	21.62	22.21	17.40	18.08	20.33	19.93
63.0	16.05	15.59	13.98	14.32	11.30	11.80	12.88	12.79
66.0	10.40	10.04	9.137	9.413	7.540	7.920	8.478	8.415
69.0	6.859	6.740	6.228	6.424	5.269	5.512	5.864	5.739
72.0	4.804	4.627	3.947	4.447	2.559	2.919	3.825	2.987
75.0	2.027	1.945	1.862	2.097	1.726	1.728	1.822	1.639
78.0	1.516	1.487	1.443	1.653	1.300	1.321	1.411	1.239
81.0	1.100	1.050	0.9622	1.144	0.7819	0.8219	0.9505	0.7906
84.0	0.5158	0.4175	0.2337	0.4101	0.1144	0.1198	0.2064	0.1190
87.0	0.0893	0.0715	0.0689	0.0731	0.0484	0.0492	0.0687	0.0468
90.0	0.0366	0.0257	0.0344	0.0235	0.0282	0.0276	0.0296	0.0254

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
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$\gamma$  Range: 0 - 90DEG  
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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: