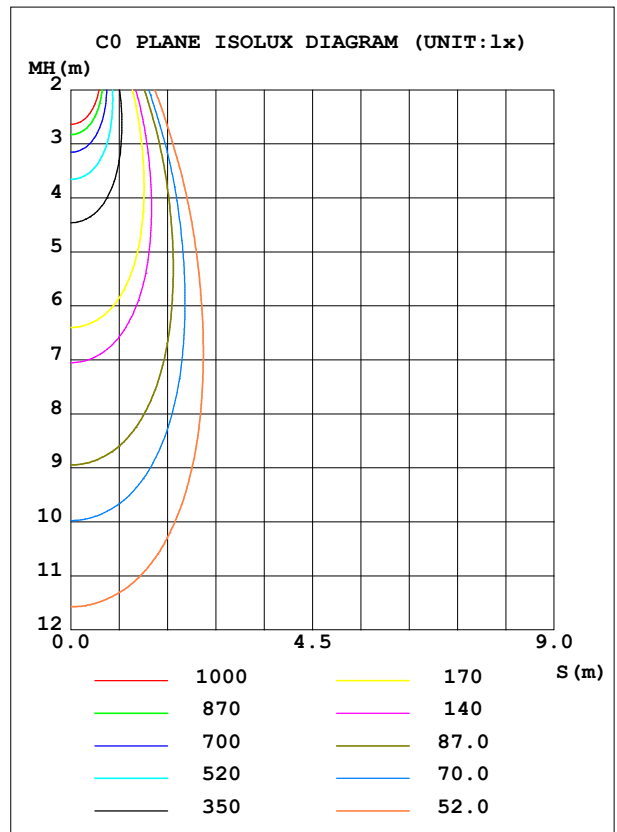
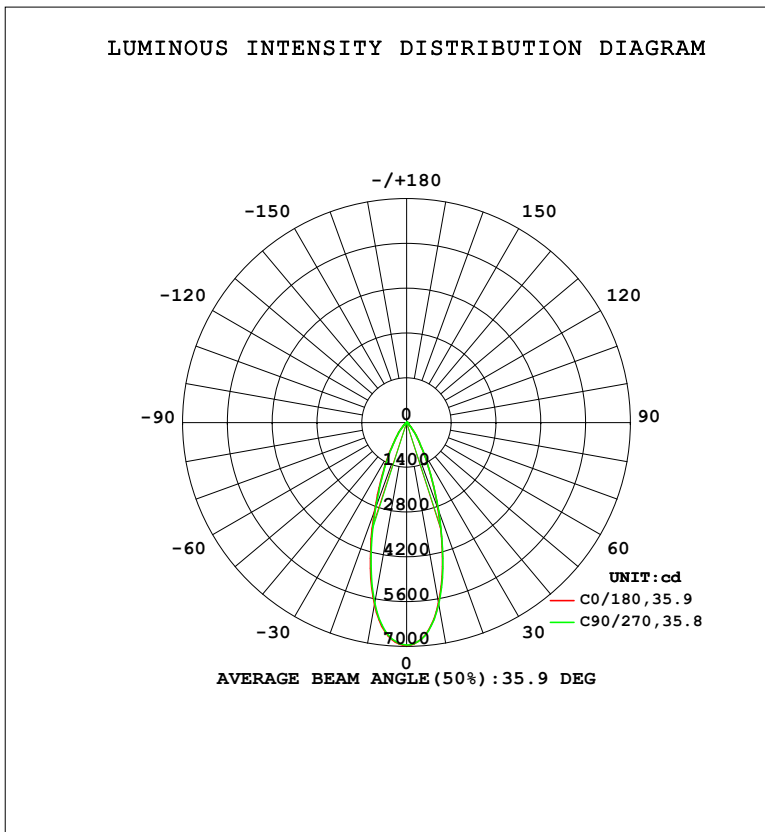


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	6963	S/MH (C0/180)	0.59
NOMINAL POWER (W)	45	LOR (%)	100.0	S/MH (C90/270)	0.58
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	3200.3	$\eta$ UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	3200.3	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 49.6
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

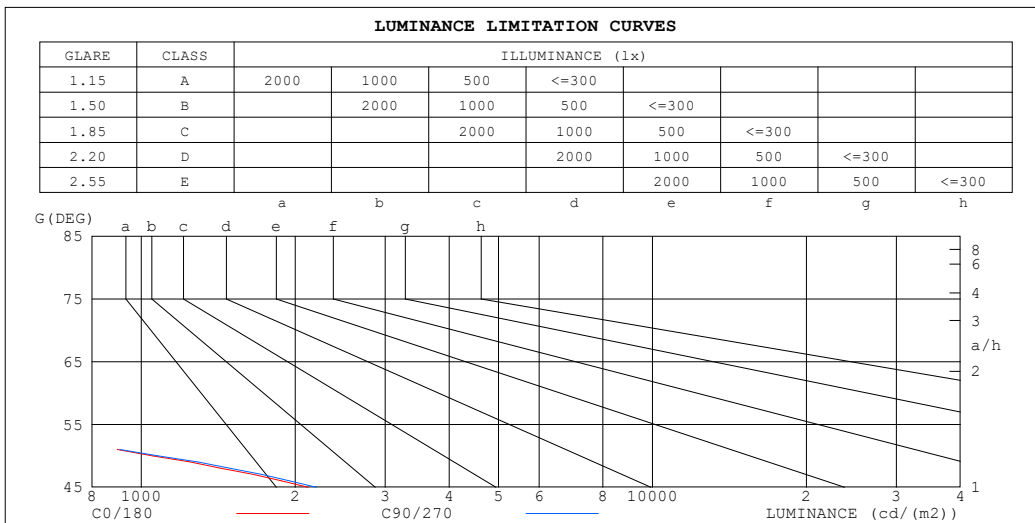
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5741	5793	5779	5765	5792	5739	5739	5729	0- 10	607.8	607.8	19,19
20	2882	2946	2925	2902	2939	2886	2846	2865	10- 20	1188	1796	56.1,56.1
30	1027	1055	1045	1043	1061	1035	1001	1012	20- 30	827.0	2623	82,82
40	327.5	341.7	339.4	330.1	338.4	328.3	322.5	320.0	30- 40	380.8	3004	93.9,93.9
50	75.09	77.91	77.02	76.13	79.24	72.21	69.75	71.72	40- 50	136.8	3140	98.1,98.1
60	22.43	22.75	22.58	22.54	22.47	21.70	21.31	21.99	50- 60	35.07	3176	99.2,99.2
70	12.35	12.91	13.17	12.72	12.13	12.07	12.20	12.26	60- 70	16.53	3192	99.7,99.7
80	1.715	2.016	2.327	2.250	2.079	2.075	2.158	1.992	70- 80	7.465	3200	100,100
90	0.0972	0.0939	0.1313	0.0866	0.0850	0.0825	0.1350	0.1276	80- 90	0.7669	3200	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		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	54	66
80	89	121
75	202	289
70	325	347
65	352	360
60	404	406
55	575	579
50	1051	1078
45	2120	2199

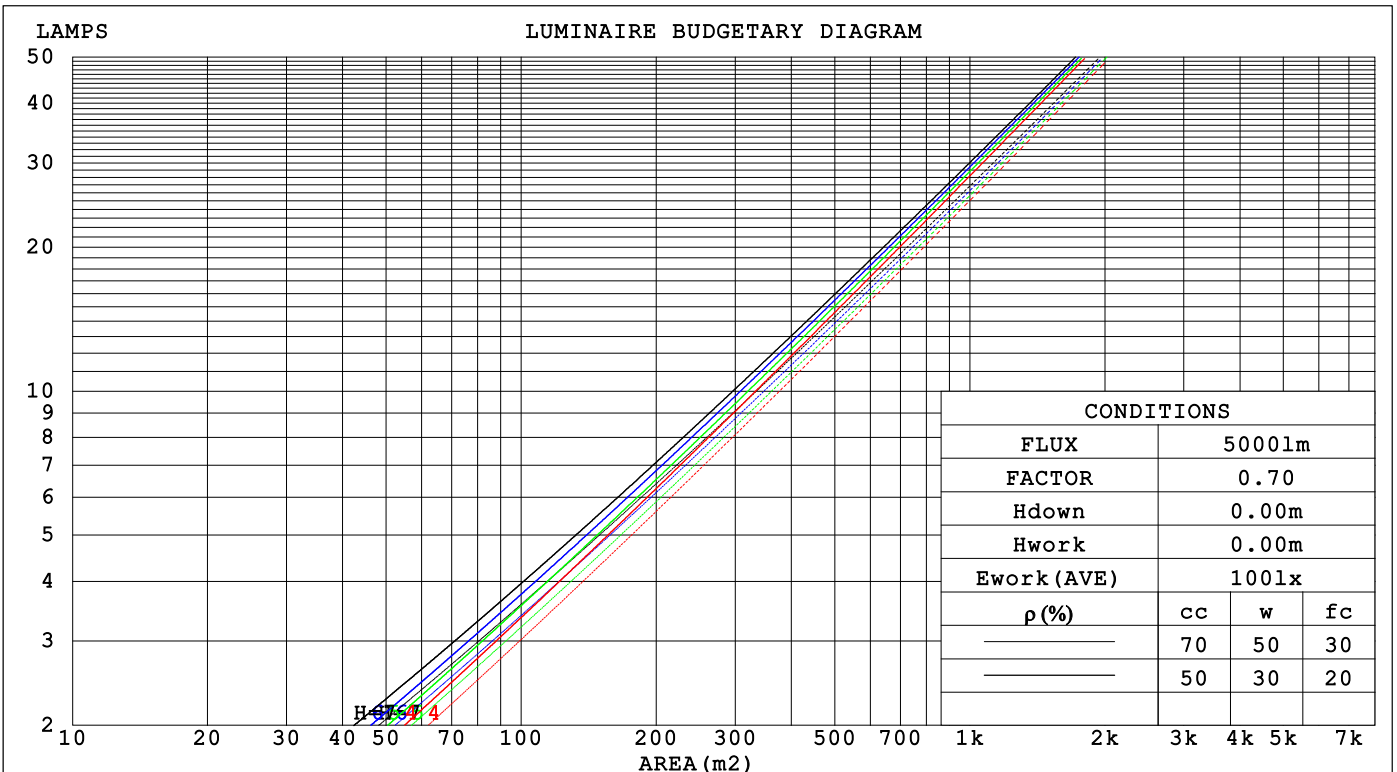
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.93	.88	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.84	.81	.80
5.0	.88	.83	.79	.87	.83	.79	.86	.82	.78	.84	.81	.78	.83	.80	.77	.76
6.0	.84	.79	.75	.83	.78	.75	.82	.77	.74	.80	.77	.74	.79	.76	.73	.72
7.0	.80	.75	.71	.79	.74	.71	.78	.74	.70	.77	.73	.70	.76	.72	.70	.68
8.0	.76	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
9.0	.73	.68	.64	.72	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
10.0	.70	.65	.61	.69	.65	.61	.69	.64	.61	.68	.64	.61	.67	.64	.61	.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.163	.093	.029	.157	.089	.028	.144	.083	.026	.132	.076	.025	.122	.071	.023	
2.0	.155	.085	.026	.149	.082	.025	.139	.077	.024	.129	.072	.023	.120	.068	.021	
3.0	.146	.078	.023	.142	.076	.023	.133	.072	.022	.124	.068	.021	.117	.065	.020	
4.0	.138	.072	.021	.134	.070	.021	.127	.067	.020	.120	.064	.019	.113	.062	.019	
5.0	.131	.067	.019	.128	.066	.019	.121	.063	.019	.115	.061	.018	.110	.059	.018	
6.0	.125	.063	.018	.122	.062	.018	.116	.060	.017	.111	.058	.017	.106	.056	.017	
7.0	.119	.059	.017	.117	.058	.017	.112	.056	.016	.107	.055	.016	.102	.053	.016	
8.0	.114	.056	.016	.112	.055	.016	.107	.054	.015	.103	.052	.015	.099	.051	.015	
9.0	.109	.053	.015	.107	.052	.015	.103	.051	.014	.099	.050	.014	.096	.049	.014	
10.0	.105	.050	.014	.103	.050	.014	.099	.049	.014	.096	.048	.014	.093	.047	.013	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.067	.047	.032	.039	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.091	.060	.038	.063	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.099	.063	.038	.086	.055	.033	.059	.038	.023	.034	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.077	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	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	4.9	5.8	5.1	5.9	6.1	5.0	5.9	5.3	6.0	6.2
3H	4.9	5.6	5.1	5.8	6.0	5.0	5.8	5.2	6.0	6.2
4H	4.8	5.6	5.1	5.8	6.0	5.0	5.7	5.2	5.9	6.1
6H	4.7	5.4	5.0	5.7	5.9	4.9	5.6	5.2	5.8	6.1
8H	4.7	5.4	5.0	5.6	5.9	4.9	5.5	5.2	5.8	6.0
12H	4.7	5.3	5.0	5.6	5.8	4.8	5.4	5.1	5.7	6.0
4H 2H	4.7	5.5	5.0	5.7	5.9	4.9	5.6	5.1	5.8	6.0
3H	4.7	5.4	5.0	5.6	5.9	4.8	5.5	5.2	5.7	6.0
4H	4.7	5.3	5.0	5.6	5.9	4.8	5.4	5.2	5.7	6.0
6H	4.6	5.1	5.0	5.4	5.8	4.8	5.3	5.1	5.6	6.0
8H	4.6	5.0	4.9	5.4	5.7	4.7	5.2	5.1	5.5	5.9
12H	4.5	4.9	4.9	5.3	5.7	4.7	5.1	5.1	5.5	5.9
8H 4H	4.6	5.0	5.0	5.4	5.8	4.7	5.2	5.1	5.5	5.9
6H	4.5	4.9	4.9	5.3	5.7	4.6	5.0	5.1	5.4	5.8
8H	4.4	4.8	4.9	5.2	5.6	4.6	4.9	5.0	5.4	5.8
12H	4.4	4.7	4.8	5.1	5.6	4.5	4.8	5.0	5.3	5.7
12H 4H	4.5	5.0	4.9	5.3	5.7	4.7	5.1	5.1	5.5	5.9
6H	4.4	4.8	4.9	5.2	5.6	4.6	4.9	5.0	5.4	5.8
8H	4.4	4.7	4.8	5.1	5.6	4.5	4.8	5.0	5.3	5.7

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 2.6 / - 6.4	+ 2.6 / - 6.1
1.5H	+ 4.3 / - 5.6	+ 4.3 / - 5.6
2.0H	+ 5.1 / - 3.8	+ 5.1 / - 3.6

CIE Pub.117, 3200 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.0)  
 Area: 0.111111 m2

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Temperature:25.3°C	Humidity:65.0%
Operators:	Test Distance:3.080m [K=1.0000]
Test Date:2023-07-13	Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

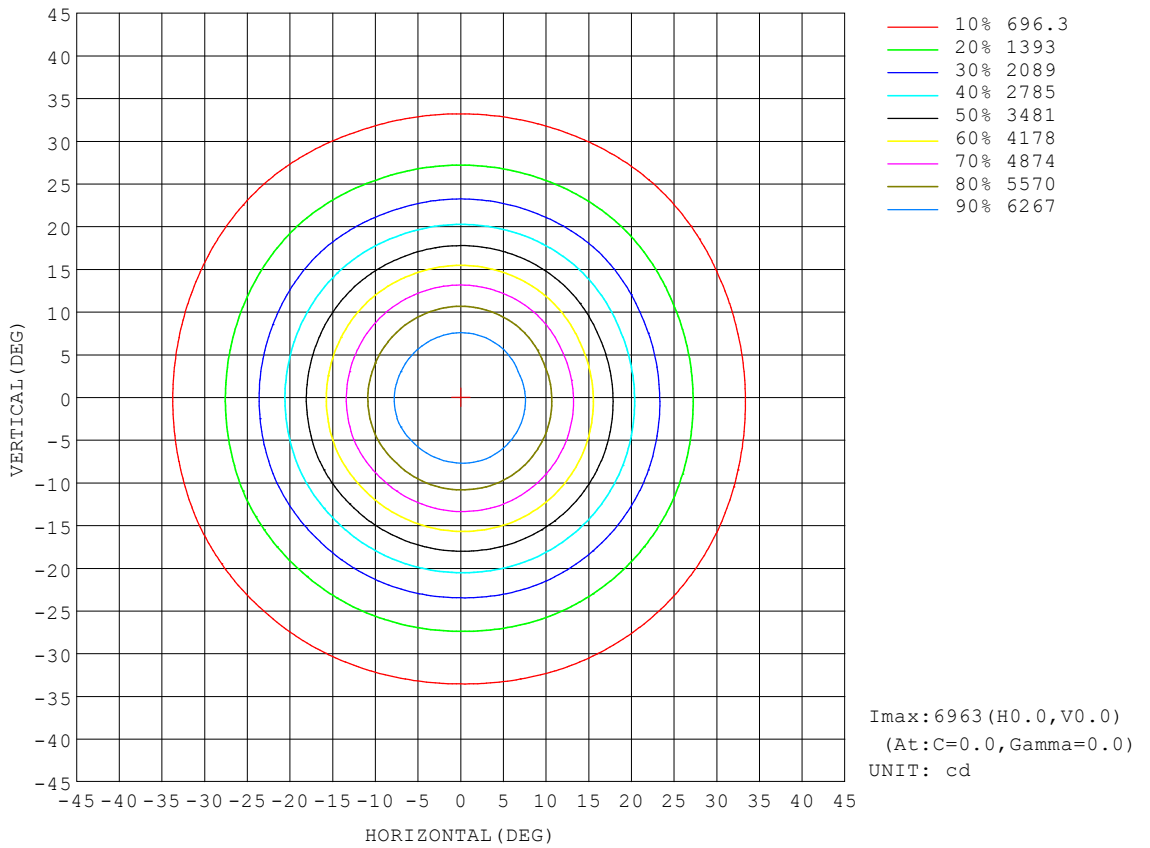
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	93	88	85	82
1.00	100	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	102	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: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



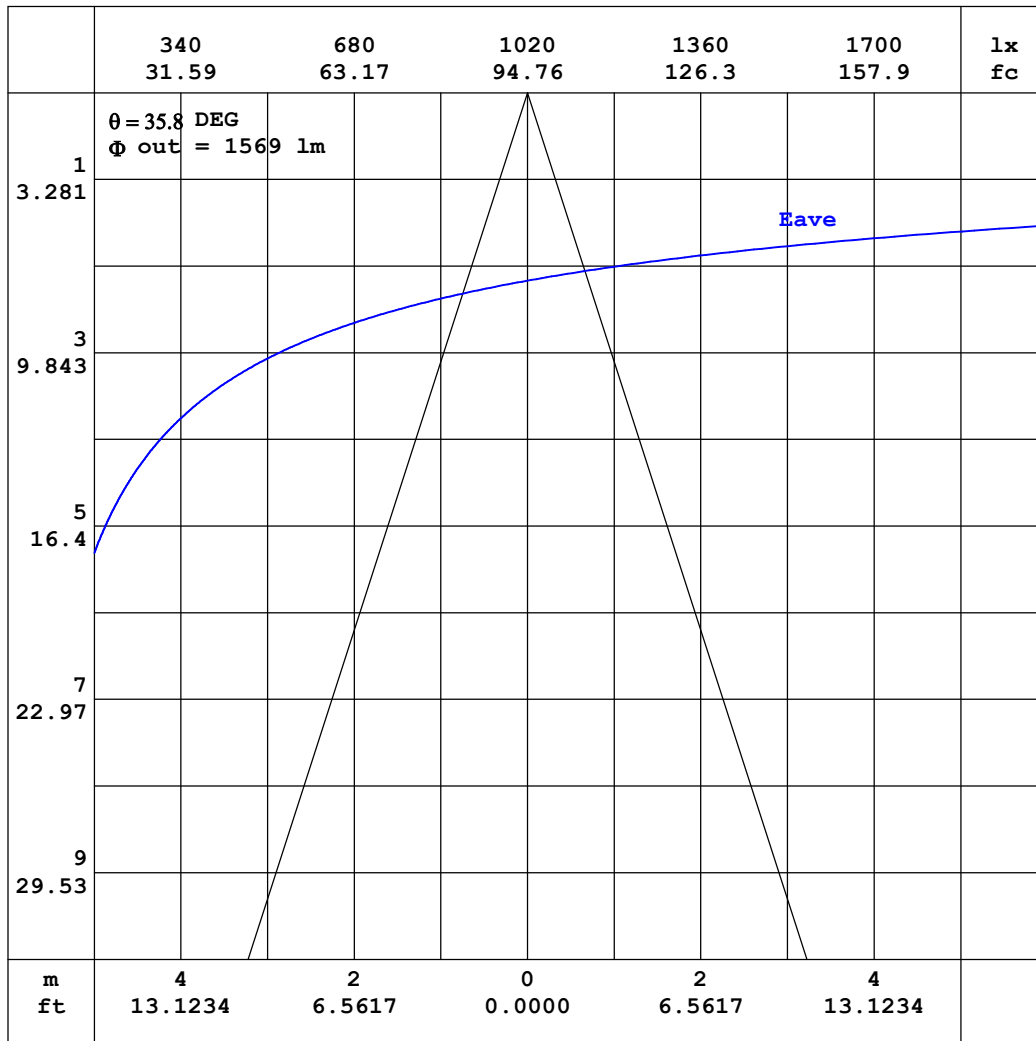
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks:



**AAI CURVES**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



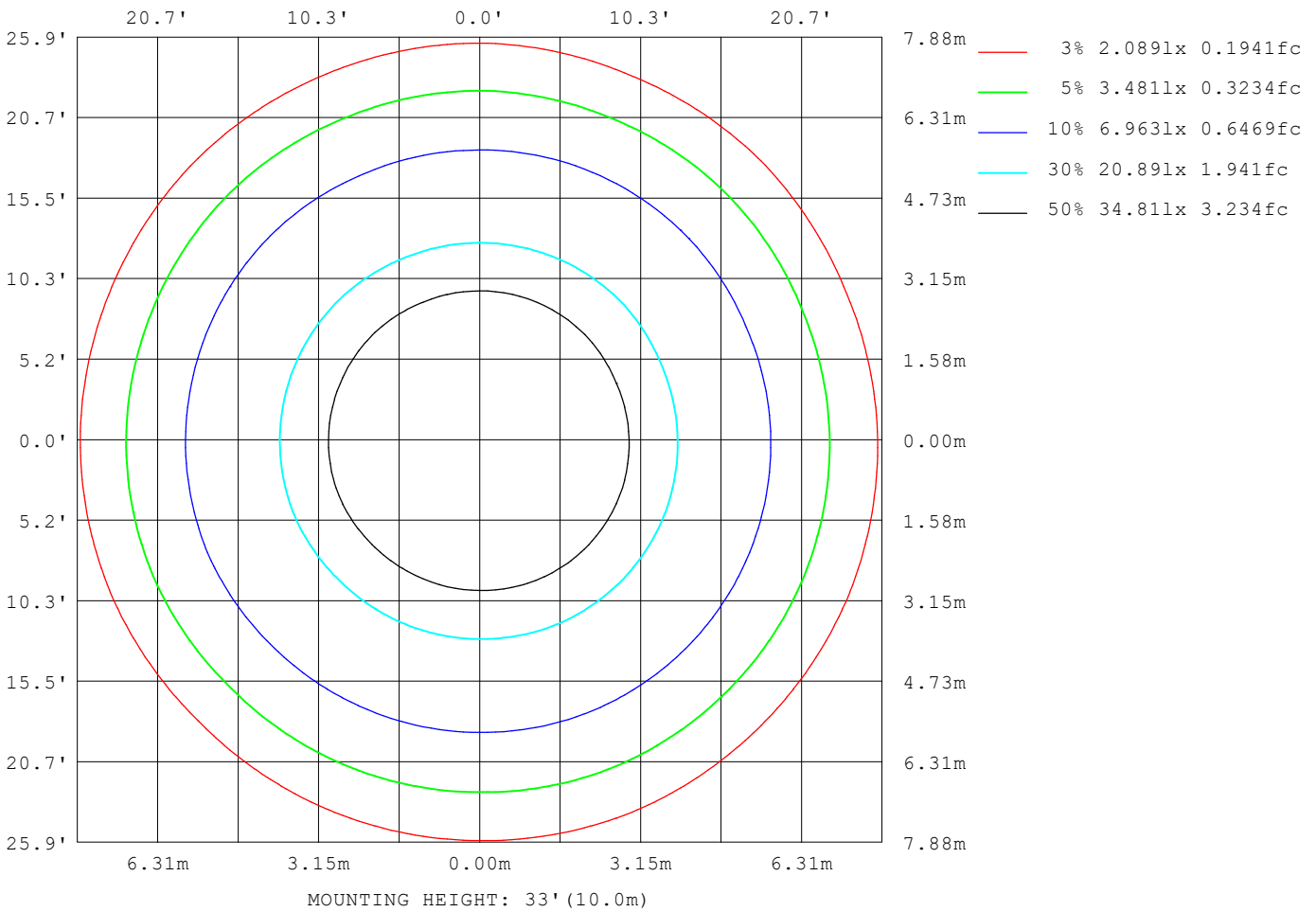
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2023-07-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

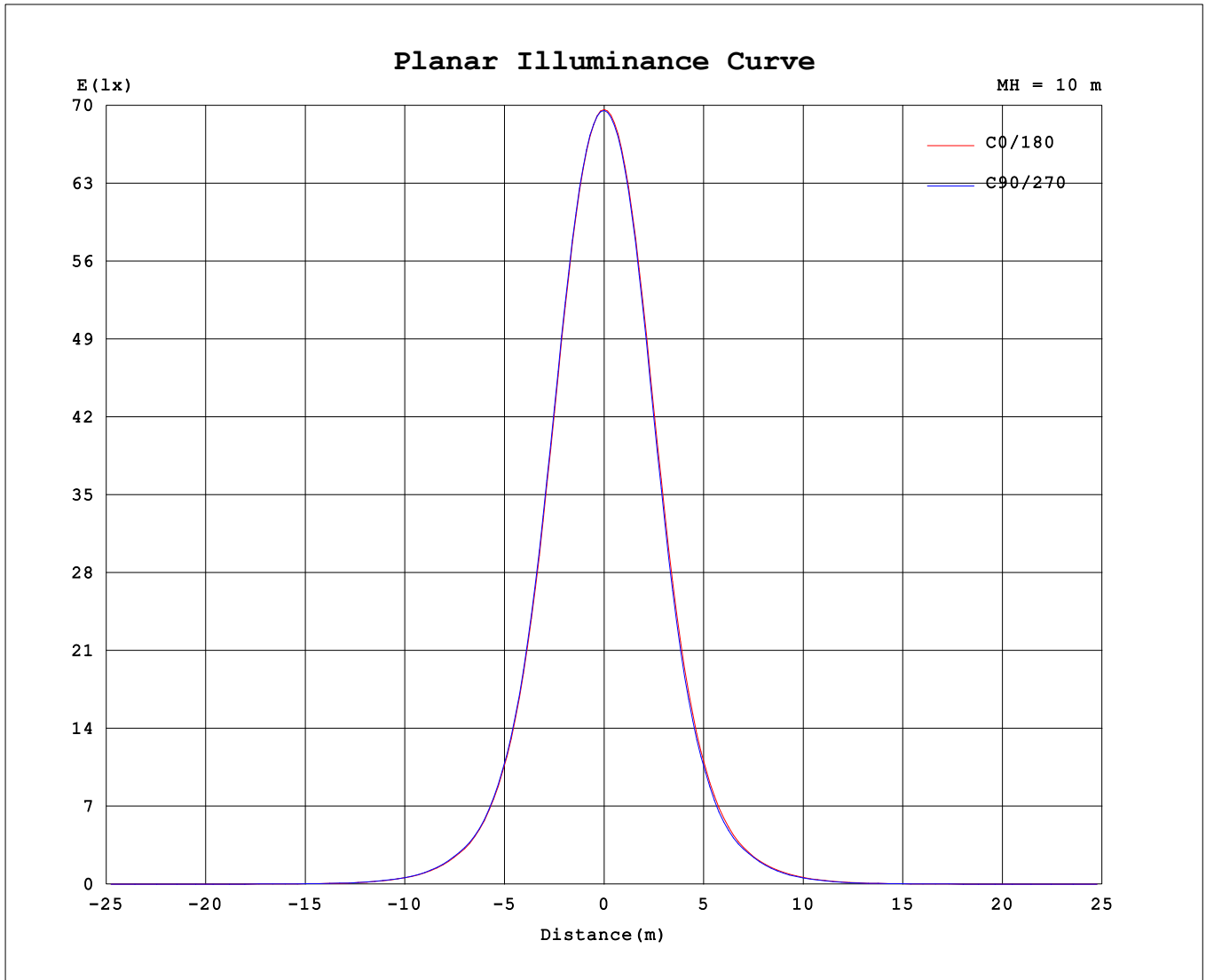
AvgL	cd/m2
L_0~180 (65) av	349
L_0~180 (75) av	216
L_0~180 (85) av	49
L_90~270 (65) av	349
L_90~270 (75) av	265
L_90~270 (85) av	62
L_45 (65) av	350
L_45 (75) av	249
L_45 (85) av	52

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:  
 Test Date:2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.080m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:119.72V I:0.3327A P:39.261W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3200.3x1 lm		
NAME: ASD-TCS-3D45AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	6963	6959	6955	6955	6954	6950	6950	6950	6963	6959	6955	6955	6954	6950	6950	6950			
5	6666	6682	6691	6691	6680	6672	6673	6690	6689	6669	6661	6655	6662	6660	6652	6636			
10	5741	5775	5793	5802	5779	5767	5765	5803	5792	5759	5739	5730	5739	5734	5729	5700			
15	4343	4392	4412	4421	4394	4363	4361	4420	4399	4370	4350	4313	4313	4310	4309	4283			
20	2882	2930	2946	2954	2925	2910	2902	2944	2939	2914	2886	2840	2846	2854	2865	2835			
25	1758	1796	1805	1814	1791	1790	1786	1826	1818	1799	1794	1743	1745	1743	1753	1727			
30	1027	1043	1055	1054	1045	1038	1043	1068	1061	1050	1035	1008	1001	1012	1012	1004			
35	584	597	603	609	600	598	592	607	605	594	589	577	578	566	574	569			
40	328	338	342	346	339	337	330	340	338	331	328	321	323	313	320	315			
45	167	172	173	175	173	174	170	176	175	171	167	162	163	157	160	159			
50	75.1	77.5	77.9	78.3	77.0	77.1	76.1	79.3	79.2	75.4	72.2	68.9	69.7	69.0	71.7	71.6			
55	36.6	37.3	37.3	37.5	36.9	36.8	36.6	37.3	36.3	35.2	34.7	33.7	33.9	34.1	35.1	35.2			
60	22.4	22.9	22.7	23.0	22.6	22.7	22.5	23.0	22.5	21.8	21.7	21.3	21.3	21.5	22.0	21.8			
65	16.5	16.7	16.9	17.0	16.9	16.8	16.7	16.6	16.2	16.0	16.0	15.8	15.9	16.1	16.3	16.3			
70	12.3	12.6	12.9	13.2	13.2	13.0	12.7	12.5	12.1	12.0	12.1	12.2	12.2	12.2	12.3	12.2			
75	5.81	6.30	7.39	8.36	8.30	8.24	7.66	6.99	6.62	6.43	6.83	7.01	6.93	7.02	6.78	5.79			
80	1.72	1.80	2.02	2.40	2.33	2.35	2.25	2.21	2.08	2.02	2.07	2.13	2.16	2.17	1.99	1.69			
85	0.52	0.53	0.56	0.63	0.64	0.57	0.52	0.48	0.43	0.40	0.43	0.47	0.56	0.52	0.52	0.48			
90	0.10	0.09	0.09	0.12	0.13	0.10	0.09	0.09	0.09	0.08	0.08	0.09	0.13	0.14	0.13	0.07			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2023-07-13

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.080m [K=1.0000]  
 Remarks: