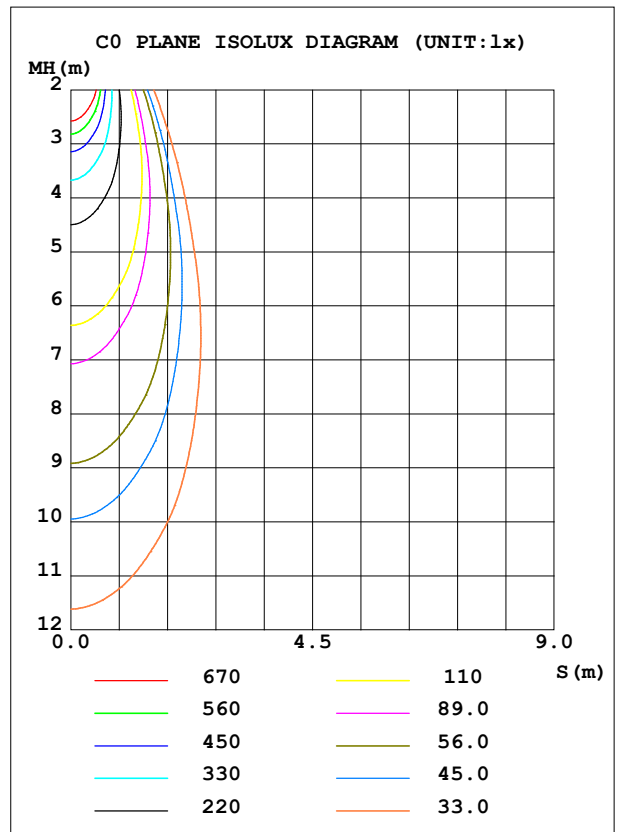
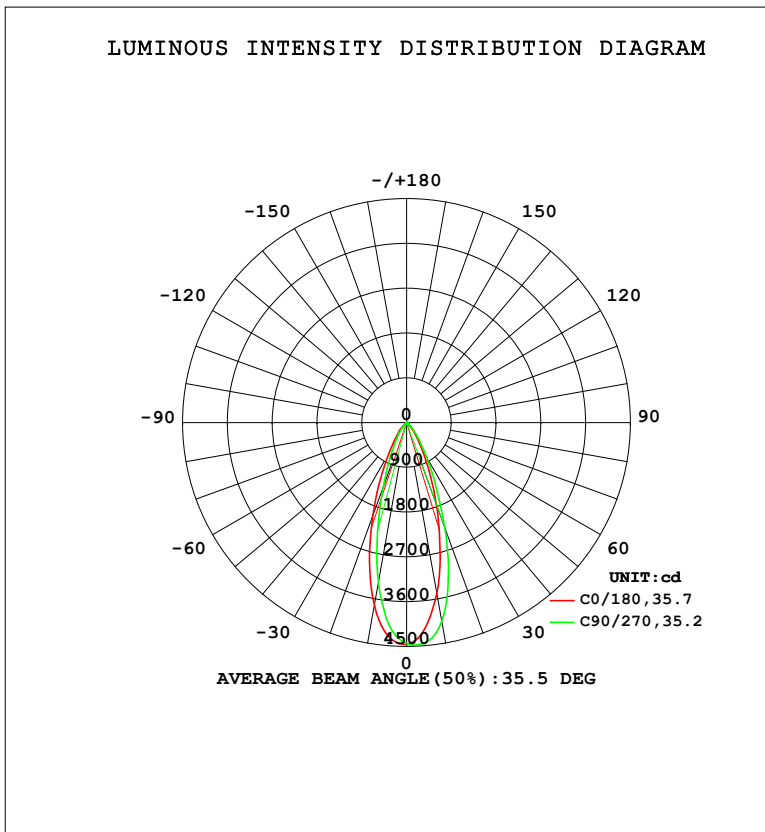


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	4478	S/MH (C0/180)	0.61
NOMINAL POWER (W)	30	LOR (%)	100.0	S/MH (C90/270)	0.51
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	2043.0	$\eta$ UP, DN (C0-180)	0.0,56.1
NOMINAL FLUX (lm)	2043.02	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0,43.9
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:

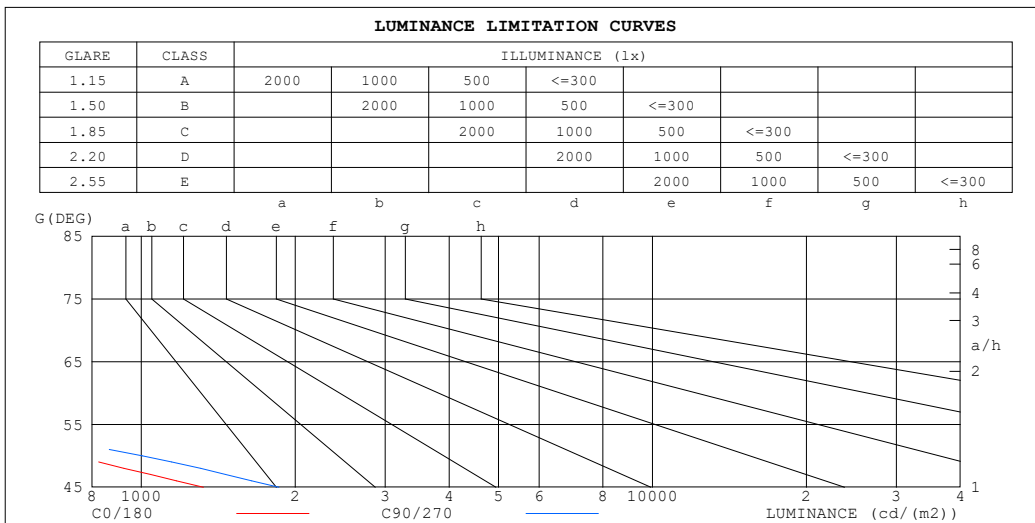
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3496	3816	4065	3980	3738	3430	3266	3296	0- 10	385.5	385.5	18.9,18.9
20	1759	2089	2250	2223	1994	1566	1385	1462	10- 20	750.4	1136	55.6,55.6
30	619.5	758.1	814.8	817.6	717.6	529.0	456.0	491.0	20- 30	523.6	1660	81.2,81.2
40	198.5	259.2	275.9	273.3	252.0	190.2	150.4	159.2	30- 40	244.6	1904	93.2,93.2
50	51.94	67.06	71.79	71.79	65.14	43.79	33.59	37.87	40- 50	94.37	1999	97.8,97.8
60	16.40	18.45	19.36	18.85	17.07	14.96	13.93	14.38	50- 60	26.40	2025	99.1,99.1
70	8.491	9.553	10.05	9.814	9.080	8.224	7.925	8.028	60- 70	12.17	2037	99.7,99.7
80	1.308	2.030	2.294	1.878	1.240	1.084	1.217	1.317	70- 80	5.302	2042	100,100
90	0.0791	0.0876	0.1161	0.0850	0.0636	0.1135	0.0765	0.0629	80- 90	0.6176	2043	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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	43	67
80	68	119
75	147	248
70	223	264
65	251	287
60	295	348
55	403	513
50	727	1005
45	1323	1858

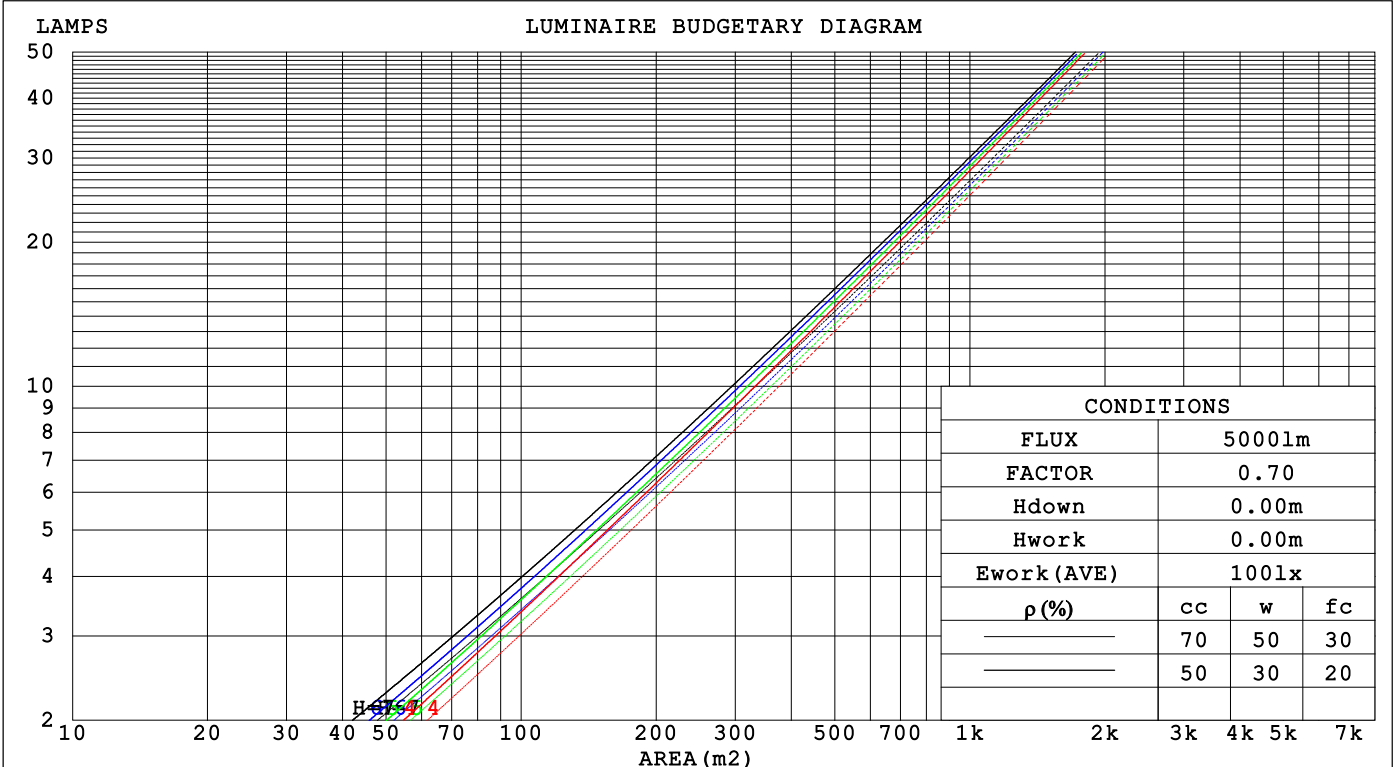
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 2023-07-13

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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ρcc	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	1.11	1.09	1.07	1.09	1.07	1.05	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	.98	.94	.90	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72
7.0	.80	.74	.71	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.68
8.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.69	.66	.65
9.0	.73	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.70	.66	.63	.62
10.0	.70	.64	.61	.69	.64	.61	.68	.64	.61	.68	.63	.61	.67	.63	.60	.59



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:

**WEC AND CCEC**

Test:U:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 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	.164	.094	.030	.158	.090	.029	.145	.083	.027	.134	.077	.025	.123	.071	.023	
2.0	.156	.085	.026	.150	.083	.026	.140	.078	.024	.130	.073	.023	.121	.069	.022	
3.0	.147	.078	.024	.143	.076	.023	.134	.073	.022	.126	.069	.021	.118	.065	.020	
4.0	.140	.073	.021	.136	.071	.021	.128	.068	.020	.121	.065	.020	.114	.062	.019	
5.0	.133	.068	.020	.129	.066	.019	.122	.064	.019	.116	.061	.018	.111	.059	.018	
6.0	.126	.063	.018	.123	.062	.018	.117	.060	.017	.112	.058	.017	.107	.056	.017	
7.0	.120	.059	.017	.118	.059	.017	.112	.057	.016	.108	.055	.016	.103	.054	.016	
8.0	.115	.056	.016	.112	.055	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015	
9.0	.110	.053	.015	.108	.053	.015	.104	.051	.015	.100	.050	.014	.096	.049	.014	
10.0	.105	.051	.014	.104	.050	.014	.100	.049	.014	.097	.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	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.090	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.121	.087	.062	.104	.075	.054	.071	.052	.038	.041	.031	.022	.013	.010	.007	
6.0	.113	.077	.052	.097	.067	.045	.067	.047	.032	.039	.028	.019	.012	.009	.006	
7.0	.106	.069	.044	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.100	.063	.038	.086	.055	.033	.059	.038	.023	.035	.023	.014	.011	.007	.005	
9.0	.094	.058	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.090	.053	.029	.077	.046	.025	.054	.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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm										
NAME: ASD-TCS-2D30AC-WH					TYPE:			WEIGHT:		
SPEC.: 5000K 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	5.4	6.2	5.6	6.4	6.6	6.5	7.3	6.7	7.5	7.6
3H	5.4	6.1	5.6	6.3	6.5	6.4	7.2	6.6	7.4	7.6
4H	5.3	6.1	5.6	6.3	6.5	6.4	7.1	6.6	7.3	7.5
6H	5.2	5.9	5.5	6.2	6.4	6.3	7.0	6.6	7.2	7.5
8H	5.2	5.9	5.5	6.1	6.4	6.3	6.9	6.6	7.2	7.5
12H	5.2	5.8	5.5	6.1	6.3	6.2	6.9	6.5	7.1	7.4
4H 2H	5.2	6.0	5.5	6.2	6.4	6.3	7.0	6.5	7.2	7.4
3H	5.2	5.9	5.6	6.1	6.4	6.2	6.9	6.6	7.2	7.4
4H	5.2	5.8	5.6	6.1	6.4	6.3	6.8	6.6	7.1	7.4
6H	5.1	5.6	5.5	6.0	6.3	6.2	6.7	6.6	7.0	7.4
8H	5.1	5.6	5.5	5.9	6.3	6.2	6.6	6.5	7.0	7.3
12H	5.0	5.5	5.4	5.8	6.2	6.1	6.5	6.5	6.9	7.3
8H 4H	5.1	5.6	5.5	5.9	6.3	6.1	6.6	6.5	7.0	7.3
6H	5.0	5.4	5.5	5.8	6.2	6.1	6.5	6.5	6.9	7.3
8H	5.0	5.3	5.4	5.7	6.2	6.0	6.4	6.5	6.8	7.3
12H	4.9	5.2	5.4	5.7	6.1	6.0	6.3	6.5	6.7	7.2
12H 4H	5.1	5.5	5.5	5.9	6.3	6.1	6.5	6.5	6.9	7.3
6H	5.0	5.3	5.4	5.7	6.2	6.0	6.4	6.5	6.8	7.2
8H	4.9	5.2	5.4	5.7	6.1	6.0	6.3	6.5	6.7	7.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.3 / - 5.8					+ 2.5 / - 5.7				
1.5H	+ 3.7 / - 4.9					+ 4.1 / - 5.2				
2.0H	+ 4.5 / - 3.6					+ 5.1 / - 3.6				

CIE Pub.117, 2043 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.5)  
 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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

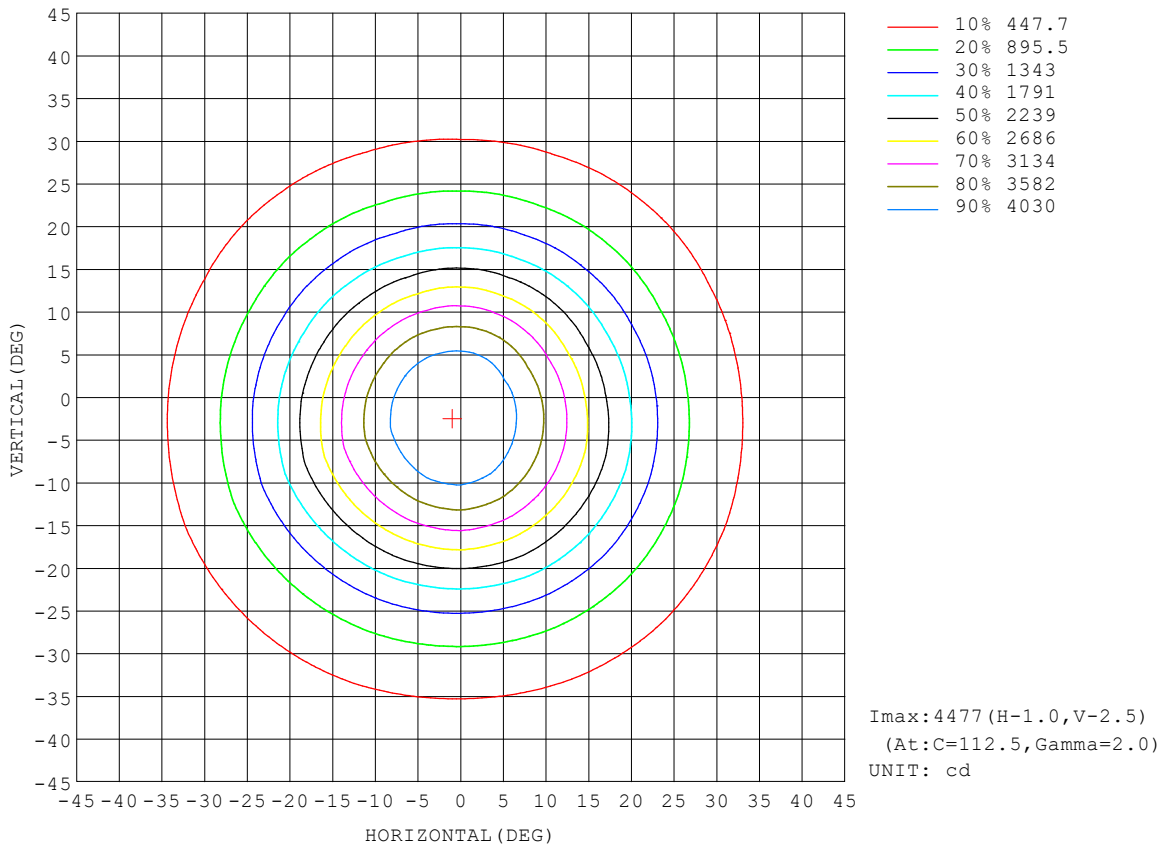
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	109	104	101	107	103	101	104	101	99	94
2.50	110	106	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	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: 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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



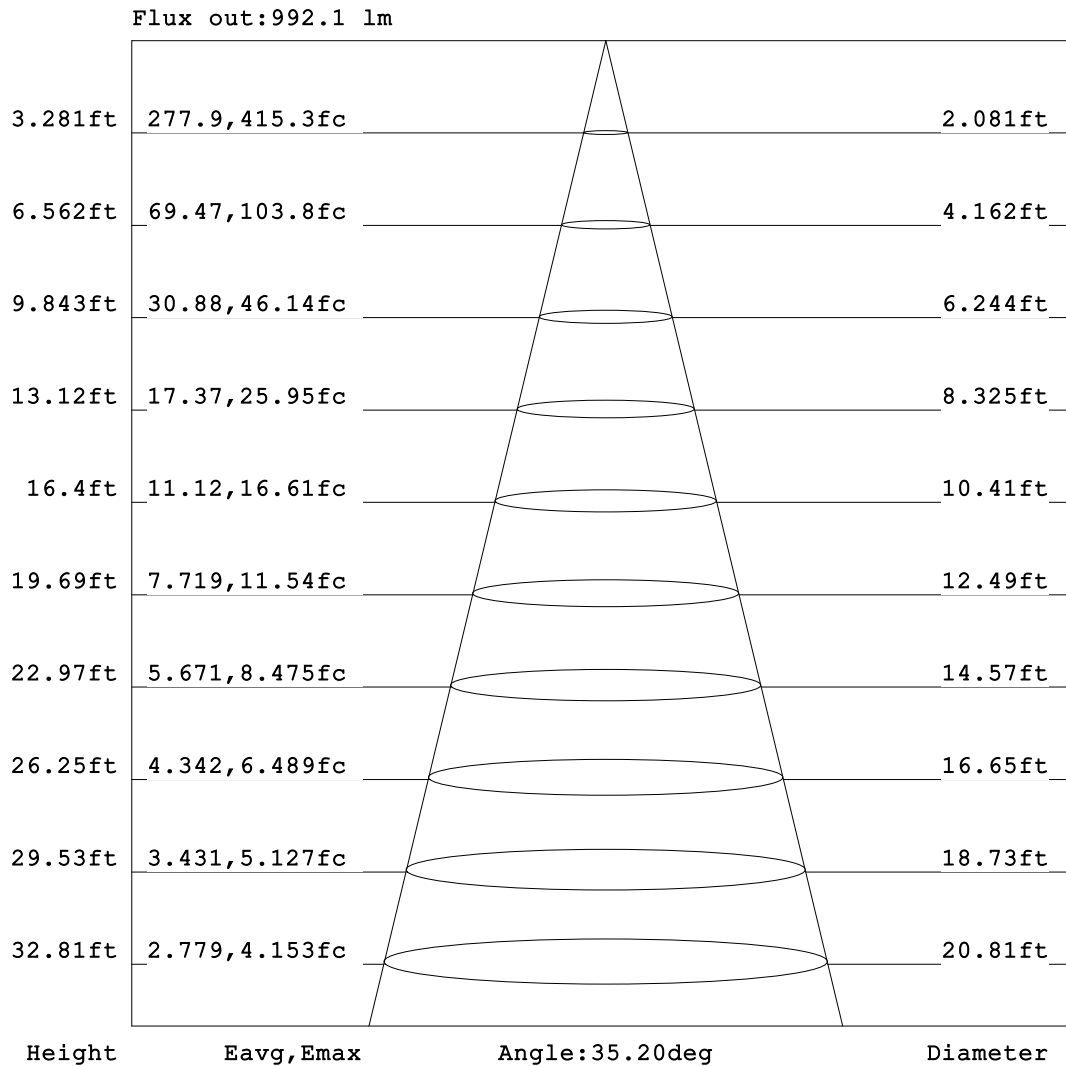
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:  
 Test Date:2023-07-13

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 Figure**

Test:U:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



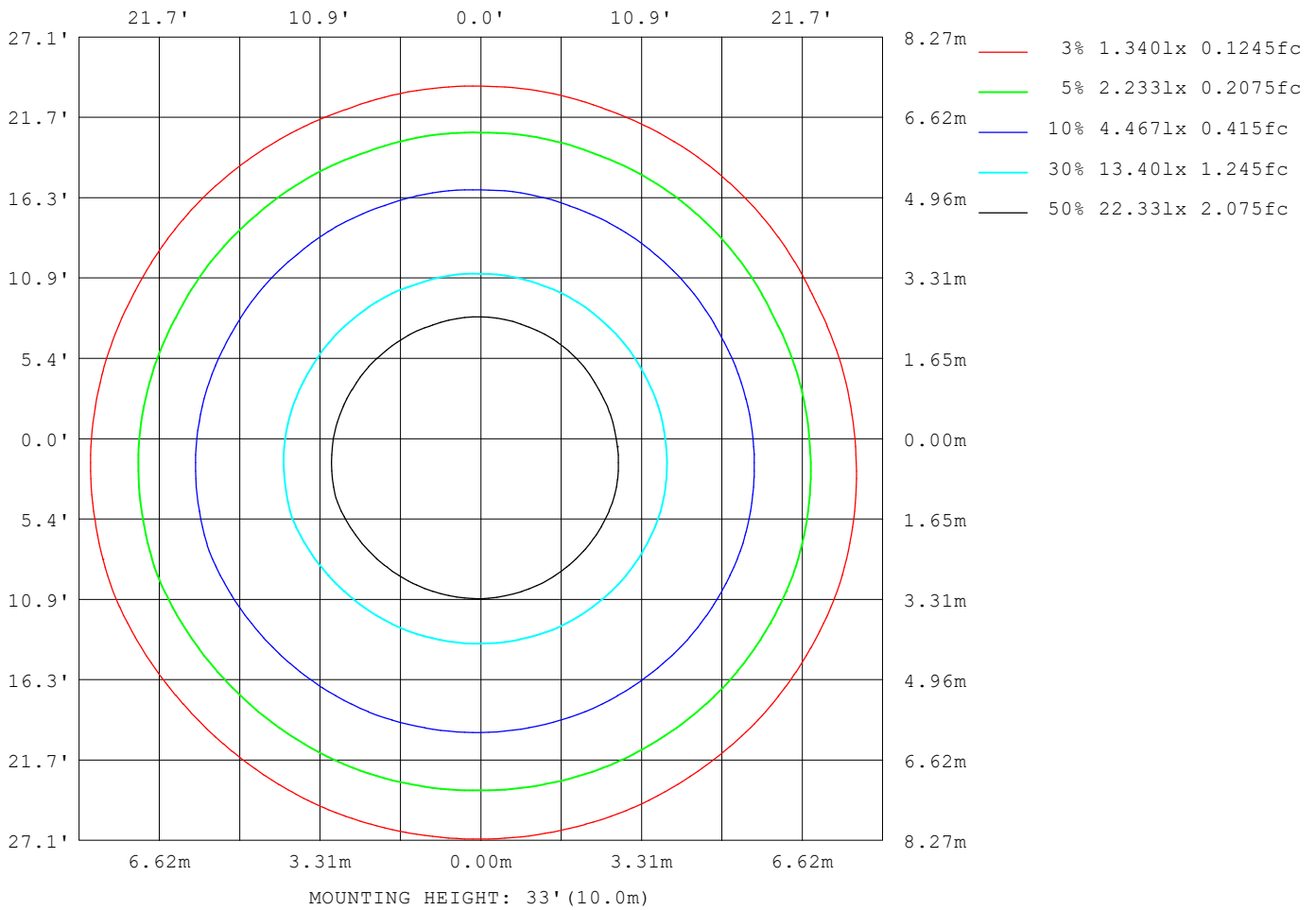
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:

**ISOLUX DIAGRAM**

Test:U:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

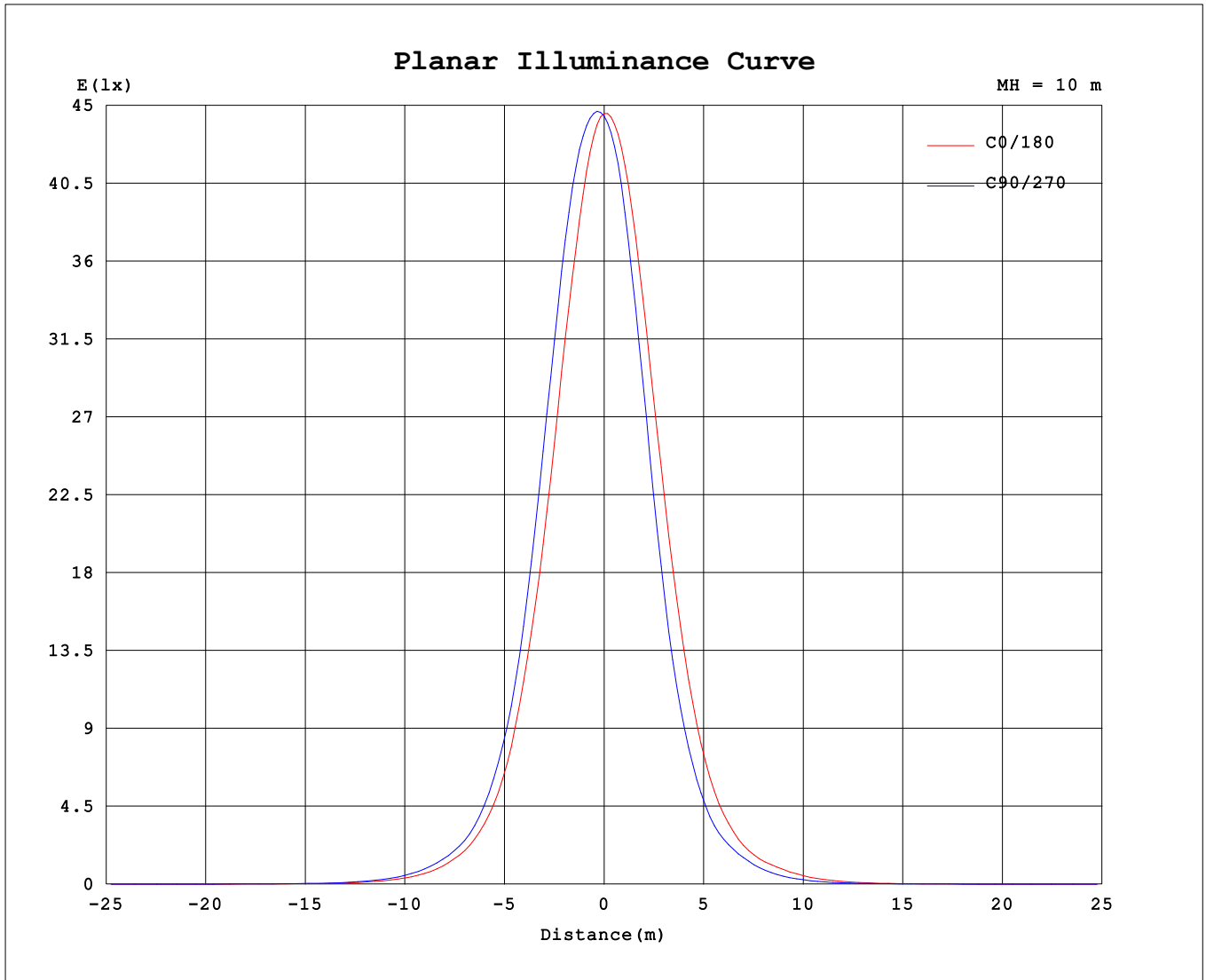
AvgL	cd/m2
L_0~180 (65) av	257
L_0~180 (75) av	154
L_0~180 (85) av	38
L_90~270 (65) av	257
L_90~270 (75) av	179
L_90~270 (85) av	56
L_45 (65) av	257
L_45 (75) av	182
L_45 (85) av	46

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:119.68V I:0.2321A P:27.448W PF:0.9880 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:2043.02x1 lm		
NAME: ASD-TCS-2D30AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K 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	4453	4448	4441	4436	4438	4442	4446	4447	4453	4448	4441	4436	4438	4442	4446	4447				
5	4167	4241	4317	4395	4433	4437	4406	4359	4303	4239	4178	4113	4084	4077	4082	4091				
10	3496	3648	3816	3979	4065	4061	3980	3897	3738	3566	3430	3317	3266	3262	3296	3359				
15	2605	2836	3013	3163	3253	3241	3177	3108	2894	2648	2437	2300	2263	2255	2325	2417				
20	1759	1957	2089	2208	2250	2259	2223	2199	1994	1751	1566	1430	1385	1393	1462	1585				
25	1066	1211	1308	1364	1382	1402	1391	1389	1245	1064	929	841	813	814	861	935				
30	620	705	758	796	815	827	818	812	718	608	529	476	456	460	491	539				
35	355	406	438	457	461	472	466	462	412	352	314	288	282	281	294	310				
40	198	237	259	272	276	280	273	272	252	223	190	163	150	150	159	170				
45	104	123	134	141	146	154	156	158	141	115	95.6	80.1	75.2	78.5	82.6	88.2				
50	51.9	62.5	67.1	69.6	71.8	72.3	71.8	73.7	65.1	55.0	43.8	35.6	33.6	34.2	37.9	42.6				
55	25.7	28.3	30.3	32.3	32.7	32.5	31.6	30.9	27.3	24.6	22.5	20.3	19.6	19.9	21.2	22.8				
60	16.4	17.5	18.4	19.2	19.4	19.1	18.9	18.5	17.1	15.9	15.0	14.2	13.9	14.0	14.4	15.0				
65	11.8	12.3	12.9	13.4	13.5	13.4	13.3	13.1	12.4	11.8	11.2	10.8	10.6	10.7	10.9	11.2				
70	8.49	9.05	9.55	10.0	10.0	10.00	9.81	9.58	9.08	8.60	8.22	7.93	7.92	7.98	8.03	8.04				
75	4.22	5.01	6.18	7.13	7.13	7.07	6.53	5.77	4.62	4.16	4.04	3.25	3.16	3.85	4.17	3.99				
80	1.31	1.51	2.03	2.57	2.29	2.26	1.88	1.54	1.24	1.08	1.08	1.13	1.22	1.35	1.32	1.22				
85	0.42	0.45	0.55	0.70	0.65	0.61	0.49	0.40	0.32	0.29	0.32	0.36	0.44	0.41	0.44	0.41				
90	0.08	0.06	0.09	0.12	0.12	0.13	0.09	0.06	0.06	0.06	0.11	0.12	0.08	0.08	0.06	0.06				

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
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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: