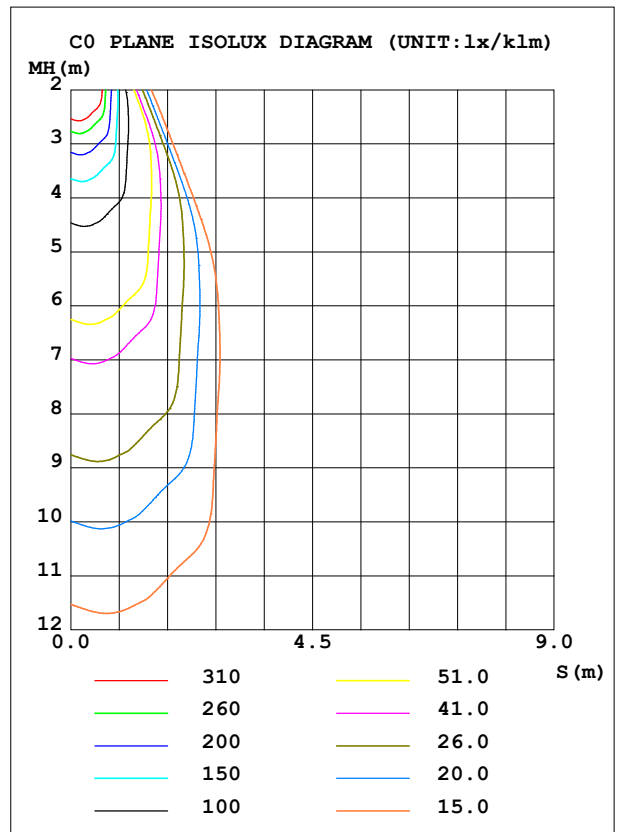
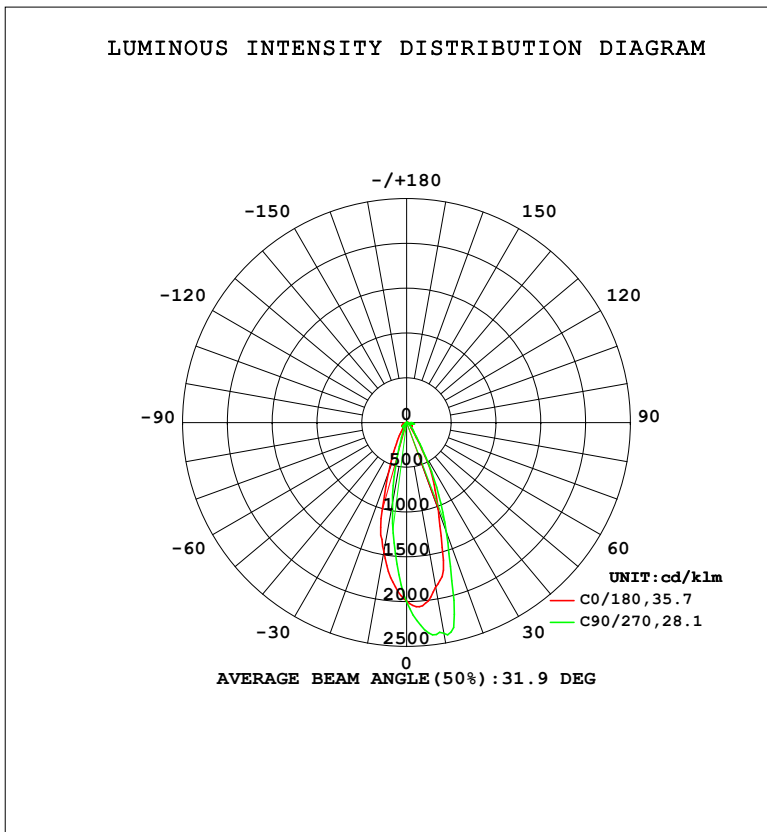


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 49.65 lm/W
MODEL		I _{max} (cd/klm)	2478	S/MH (C0/180)	0.51	
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.31	
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm/klm)	1000.0	η UP, DN (C0-180)	0.0, 71.4	
NOMINAL FLUX (lm)	375.278	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 28.6	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	0.55	



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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

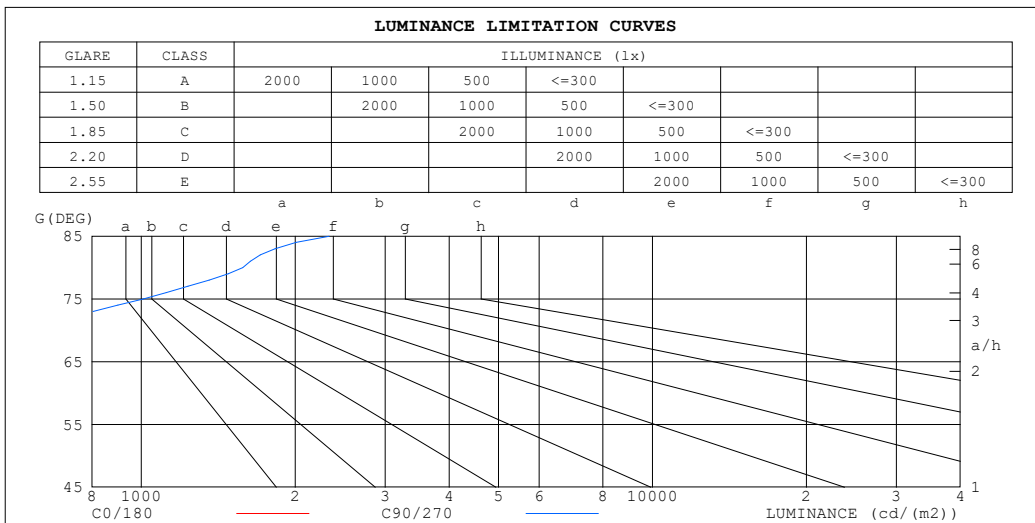
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1870	2339	2386	2082	1463	1005	923.0	1236	0- 10	174.5	174.5	17.4,17.4
20	1036	1334	1302	1180	589.0	188.3	139.8	347.1	10- 20	342.2	516.7	51.7,51.7
30	347.3	388.7	384.5	388.9	146.9	59.97	57.59	80.51	20- 30	214.2	730.8	73.1,73.1
40	86.00	117.3	118.0	98.83	58.39	55.20	55.31	53.48	30- 40	80.57	811.4	81.1,81.1
50	65.82	39.66	38.73	66.47	66.37	48.32	44.52	60.58	40- 50	53.14	864.5	86.5,86.5
60	56.26	34.45	29.05	51.59	52.76	23.63	17.25	39.63	50- 60	39.02	903.6	90.4,90.4
70	50.57	53.35	58.73	53.04	34.79	4.185	3.223	21.41	60- 70	35.67	939.2	93.9,93.9
80	33.79	72.84	81.12	50.90	13.30	1.654	0.9330	4.017	70- 80	37.57	976.8	97.7,97.7
90	7.146	29.76	37.08	19.64	0.2384	0.4030	0.4729	0.2985	80- 90	23.19	1000	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/klm									UNIT:lm/klm		

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:

LUMINANCE LIMITATION CURVES

Test:U:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	597	2330
80	657	1578
75	628	1008
70	499	580
65	415	356
60	380	196
55	339	144
50	346	204
45	327	369

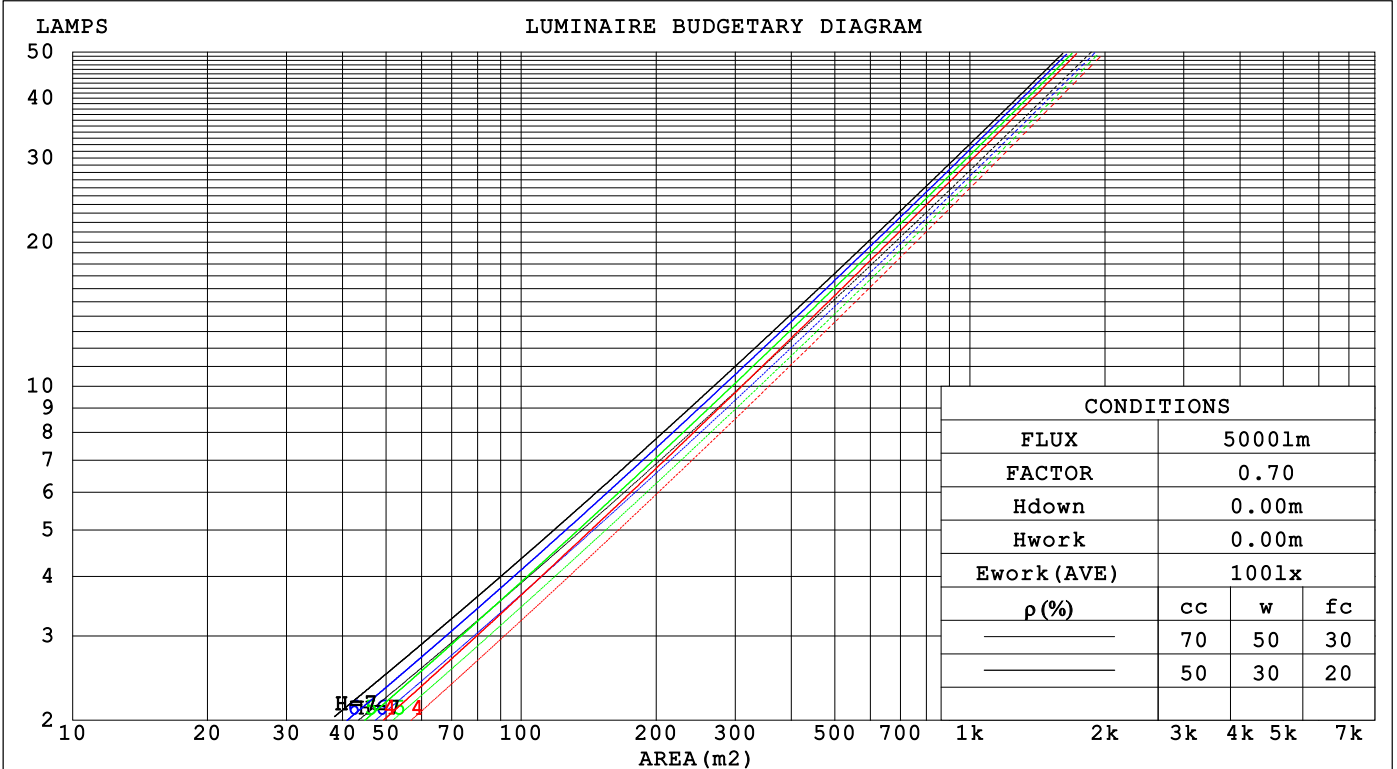
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-07-13

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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 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	1.09	1.05	1.03	1.06	1.04	1.01	1.02	.90	.98	.98	.97	.95	.95	.94	.92	.90
2.0	1.00	.95	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.82	.76	.72	.81	.76	.72	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68
6.0	.78	.72	.68	.77	.71	.67	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.71	.65	.61	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.61	.57	.64	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53



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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.221	.126	.040	.214	.122	.039	.201	.115	.037	.190	.109	.035	.179	.104	.033	
2.0	.198	.109	.033	.193	.106	.033	.182	.101	.031	.172	.096	.030	.163	.092	.029	
3.0	.181	.096	.029	.176	.094	.028	.167	.090	.027	.158	.087	.027	.150	.083	.026	
4.0	.167	.087	.025	.162	.085	.025	.154	.082	.024	.147	.079	.024	.140	.076	.023	
5.0	.155	.079	.023	.151	.077	.023	.144	.075	.022	.138	.073	.022	.131	.070	.021	
6.0	.144	.072	.021	.141	.071	.021	.135	.069	.020	.129	.067	.020	.124	.065	.019	
7.0	.136	.067	.019	.133	.066	.019	.127	.064	.019	.122	.063	.018	.118	.061	.018	
8.0	.128	.063	.018	.125	.062	.017	.121	.060	.017	.116	.059	.017	.112	.058	.017	
9.0	.121	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.102	.052	.015	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.174	.157	.141	.149	.135	.122	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.061	.081	.060	.043	.047	.035	.026	.015	.011	.008	
5.0	.127	.088	.058	.109	.076	.051	.075	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.119	.078	.049	.102	.068	.043	.070	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.061	.036	.066	.043	.026	.039	.025	.015	.012	.008	.005	
8.0	.105	.064	.036	.091	.056	.031	.063	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.031	.086	.051	.027	.059	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

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:

UGR(Unified Glare Rating) Table

Test:U:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm										
NAME: ASD-CD-PWR-2D8AC-WH					TYPE:			WEIGHT:		
SPEC.: 3000K 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	8.9	9.9	9.1	10.0	10.2	7.5	8.5	7.7	8.6	8.8
3H	11.7	12.7	12.0	12.9	13.1	11.7	12.6	12.0	12.8	13.0
4H	13.5	14.4	13.8	14.6	14.9	14.9	15.8	15.2	16.0	16.2
6H	15.1	16.0	15.5	16.2	16.5	18.0	18.9	18.3	19.1	19.4
8H	15.5	16.4	15.9	16.6	16.9	19.2	20.0	19.5	20.2	20.5
12H	15.8	16.6	16.1	16.9	17.1	20.2	20.9	20.5	21.2	21.5
4H 2H	9.6	10.4	9.8	10.7	10.9	8.6	9.4	8.9	9.7	9.9
3H	13.0	13.8	13.3	14.0	14.3	13.3	14.0	13.6	14.3	14.6
4H	15.1	15.8	15.4	16.1	16.4	16.6	17.3	17.0	17.6	17.9
6H	17.0	17.7	17.4	18.0	18.4	19.8	20.5	20.2	20.8	21.2
8H	17.5	18.1	17.9	18.5	18.9	21.0	21.6	21.4	21.9	22.3
12H	17.9	18.4	18.3	18.8	19.2	22.0	22.6	22.4	23.0	23.4
8H 4H	16.5	17.1	16.9	17.5	17.9	17.6	18.2	18.0	18.6	18.9
6H	18.7	19.2	19.2	19.6	20.0	21.0	21.5	21.4	21.9	22.3
8H	19.3	19.8	19.8	20.2	20.6	22.2	22.7	22.7	23.1	23.5
12H	19.9	20.2	20.3	20.7	21.2	23.4	23.8	23.9	24.3	24.7
12H 4H	17.0	17.6	17.4	17.9	18.3	17.8	18.4	18.2	18.7	19.1
6H	19.2	19.7	19.7	20.1	20.6	21.2	21.6	21.6	22.0	22.5
8H	20.0	20.3	20.4	20.8	21.3	22.5	22.9	23.0	23.4	23.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				

CIE Pub.117, 375.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.4)
 Area: 0.111111 m2

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:

UTILIZATION FACTORS TABLE

Test:U:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

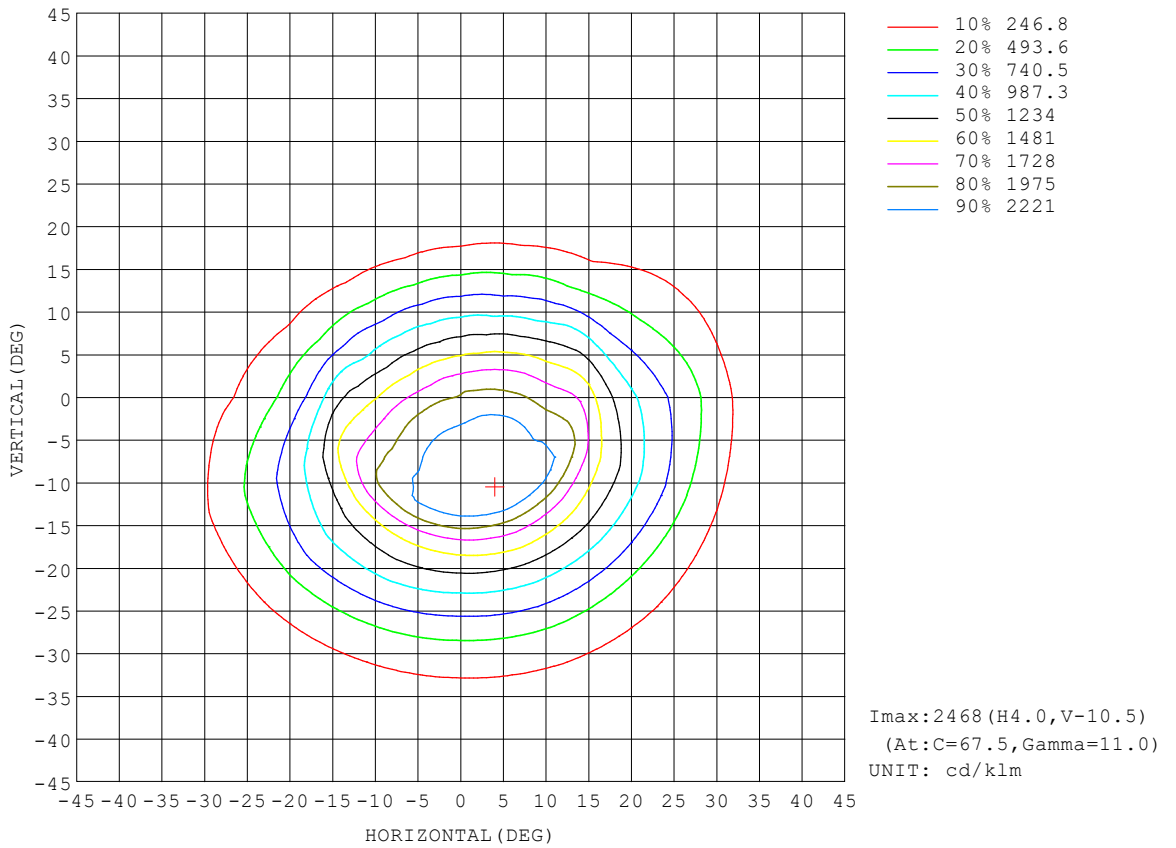
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	73	68	80	72	68	79	72	68	64
0.80	88	81	76	87	80	76	86	80	75	71
1.00	93	86	81	92	85	81	90	85	80	75
1.25	97	91	86	96	90	86	94	89	85	80
1.50	100	94	90	99	93	89	97	92	88	83
2.00	104	98	94	102	97	93	99	95	92	86
2.50	106	101	97	105	100	96	101	97	94	88
3.00	108	104	100	106	102	99	103	99	97	90
4.00	111	107	104	109	105	103	105	102	100	92
5.00	113	109	107	110	107	105	106	104	102	94
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

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:

ISOCANDELA DIAGRAM

Test:U:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

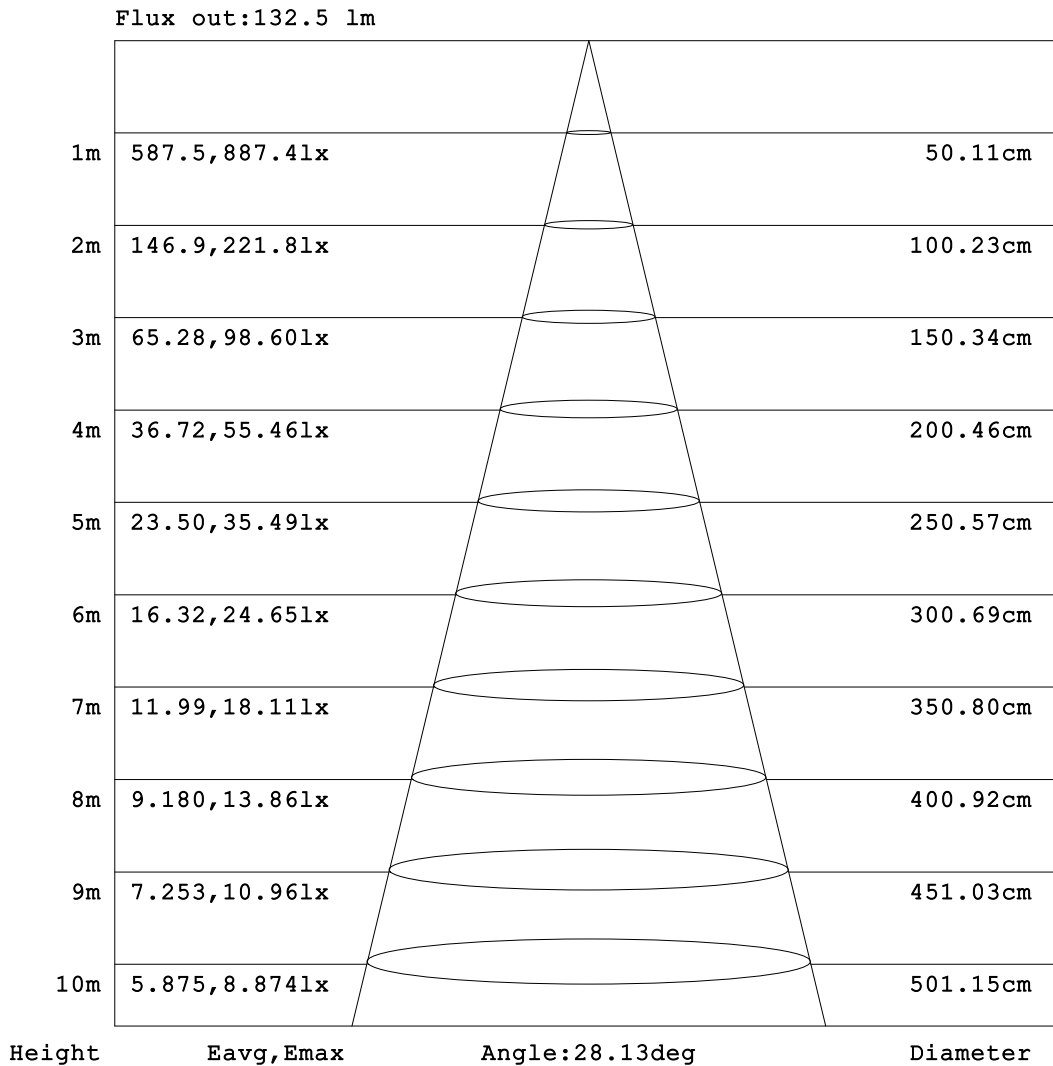


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-07-13

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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



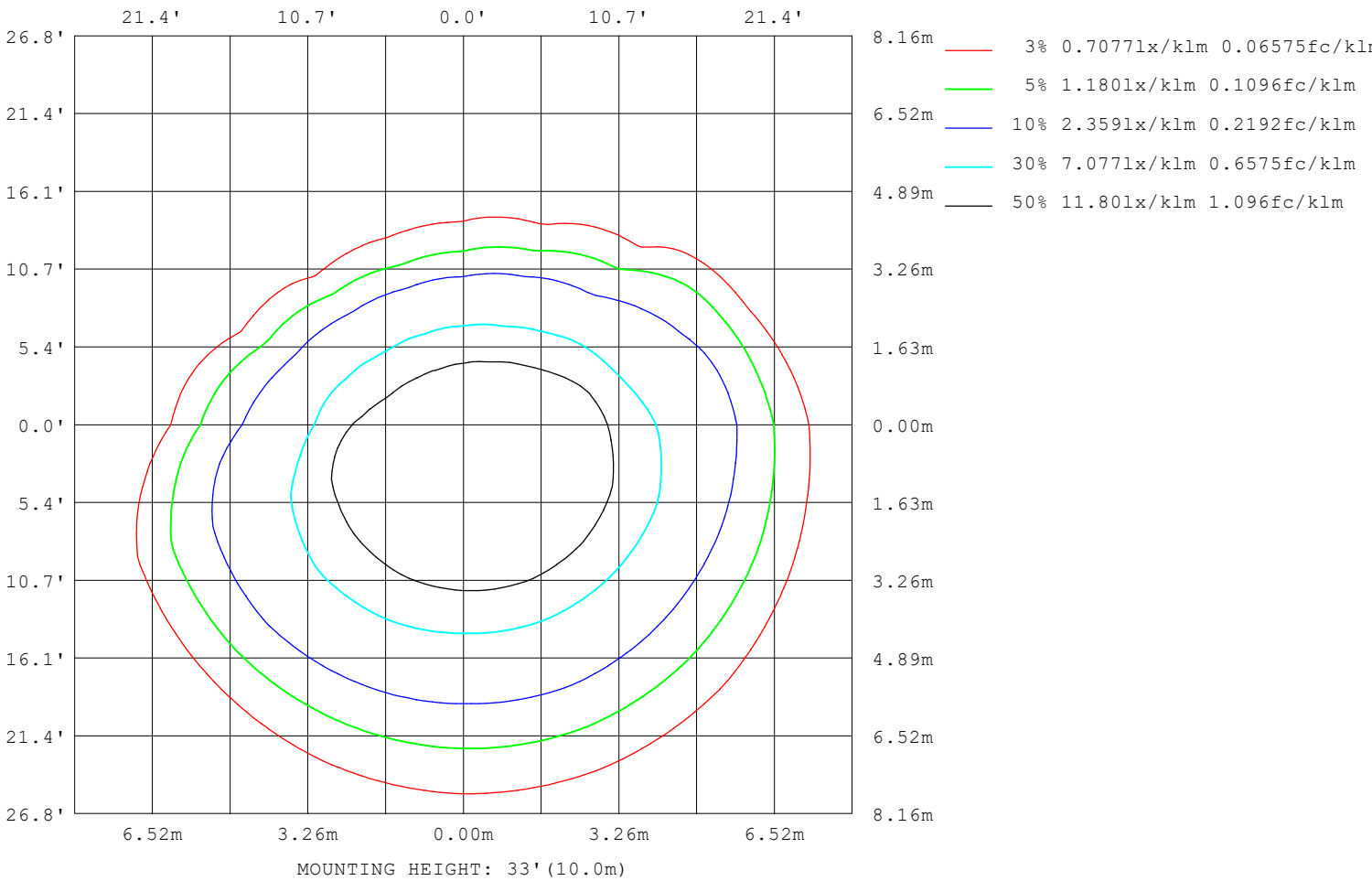
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

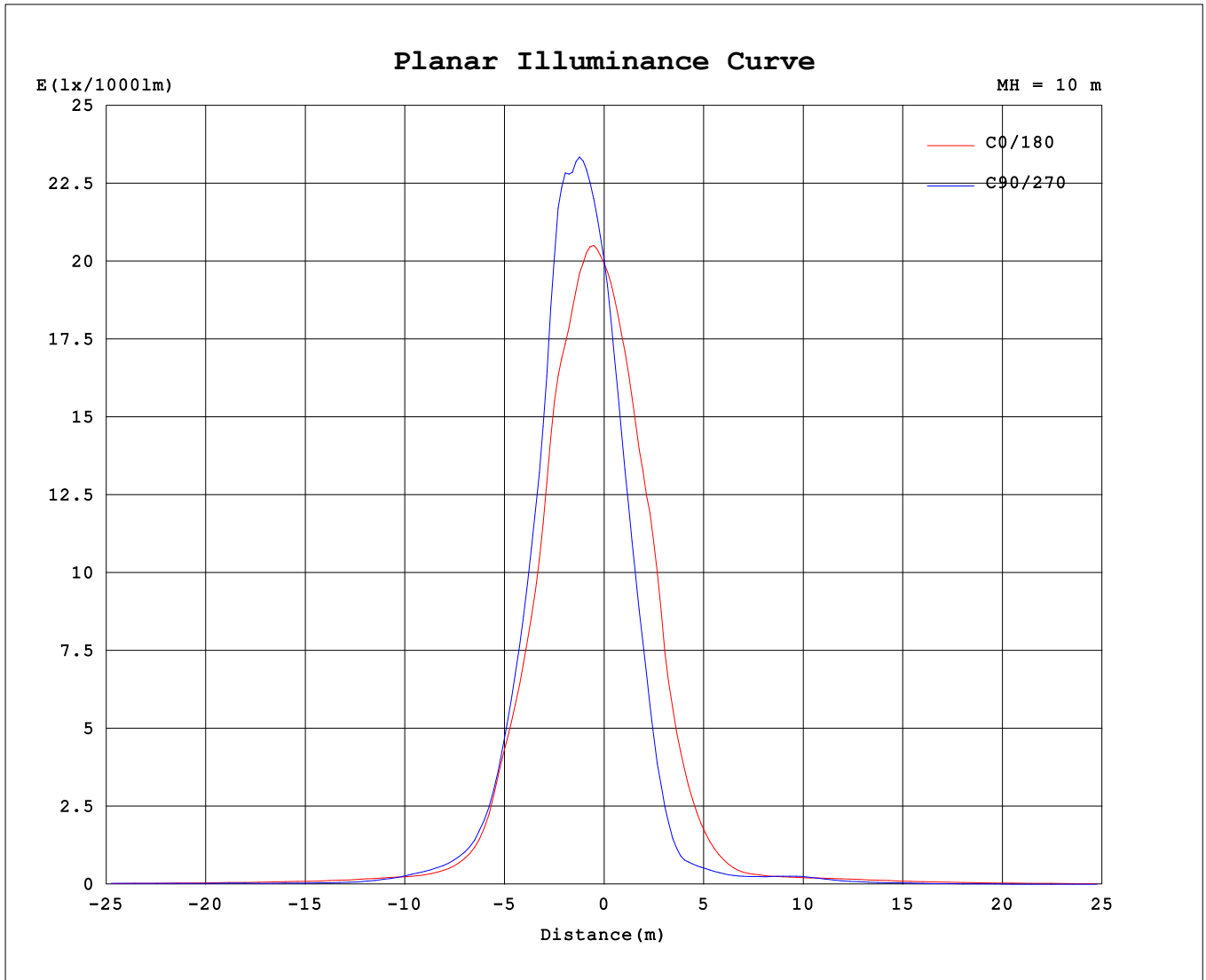
AvgL	cd/m2
L_0~180 (65) av	377
L_0~180 (75) av	480
L_0~180 (85) av	355
L_90~270 (65) av	207
L_90~270 (75) av	515
L_90~270 (85) av	1177
L_45 (65) av	271
L_45 (75) av	453
L_45 (85) av	809

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:119.85V I:0.0654A P:7.5591W PF:0.9641 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:375.278x1 lm		
NAME: ASD-CD-PWR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd/klm

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	1993	1989	1992	1988	2003	2014	2027	2034	1993	1989	1992	1988	2003	2014	2027	2034			
5	2051	2209	2327	2353	2320	2256	2147	1987	1787	1621	1521	1458	1467	1540	1691	1872			
10	1870	2160	2339	2411	2386	2286	2082	1794	1463	1165	1005	923	923	1010	1236	1551			
15	1592	1905	2035	2078	2055	1963	1821	1550	1112	744	524	418	430	536	784	1187			
20	1036	1262	1334	1342	1302	1269	1180	980	589	337	188	135	140	202	347	660			
25	697	819	828	829	796	801	791	650	310	130	82.1	80.0	80.7	87.1	150	384			
30	347	378	389	405	384	386	389	335	147	69.8	60.0	57.3	57.6	62.2	80.5	197			
35	152	174	190	193	189	182	176	165	71.2	56.7	51.0	47.8	47.4	51.4	58.6	86.7			
40	86.0	105	117	120	118	112	98.8	87.1	58.4	55.0	55.2	56.0	55.3	53.3	53.5	60.9			
45	68.4	79.5	78.8	75.4	77.3	82.9	81.1	69.1	61.6	64.6	69.3	71.3	69.7	65.1	60.0	59.1			
50	65.8	55.7	39.7	34.3	38.7	50.3	66.5	68.8	66.4	60.2	48.3	44.1	44.5	50.4	60.6	63.2			
55	57.6	41.3	29.4	20.8	24.5	37.1	53.5	67.6	63.9	45.8	34.2	27.6	28.8	37.1	49.7	65.3			
60	56.3	45.7	34.4	26.5	29.1	40.4	51.6	61.8	52.8	35.1	23.6	15.7	17.2	26.6	39.6	56.7			
65	52.0	47.6	42.0	45.2	44.6	45.4	51.0	54.7	42.3	25.7	11.9	7.14	7.20	15.8	30.5	46.8			
70	50.6	50.2	53.3	58.8	58.7	53.4	53.0	52.1	34.8	16.2	4.19	3.10	3.22	5.97	21.4	40.7			
75	48.1	55.0	69.0	78.1	77.3	67.2	55.0	46.5	25.5	7.76	2.57	1.38	1.66	2.85	12.3	32.3			
80	33.8	54.7	72.8	82.9	81.1	71.4	50.9	32.2	13.3	2.70	1.65	0.71	0.93	1.79	4.02	14.7			
85	15.4	35.0	48.3	59.0	60.1	49.5	33.4	11.8	2.89	1.59	0.76	0.44	0.60	0.59	1.03	1.60			
90	7.15	18.7	29.8	36.1	37.1	29.4	19.6	5.81	0.24	0.30	0.40	0.48	0.47	0.41	0.30	0.19			

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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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 Humidity:65.0%
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 Remarks: