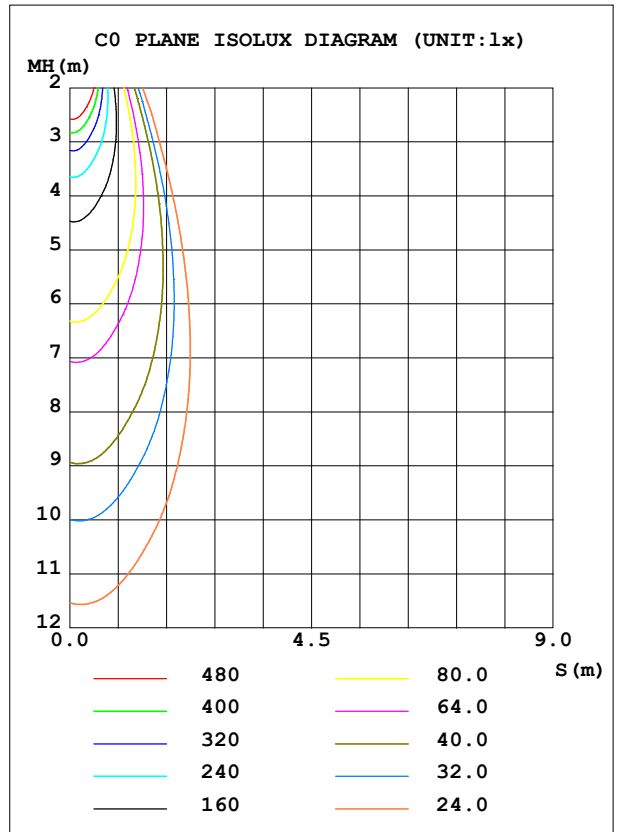
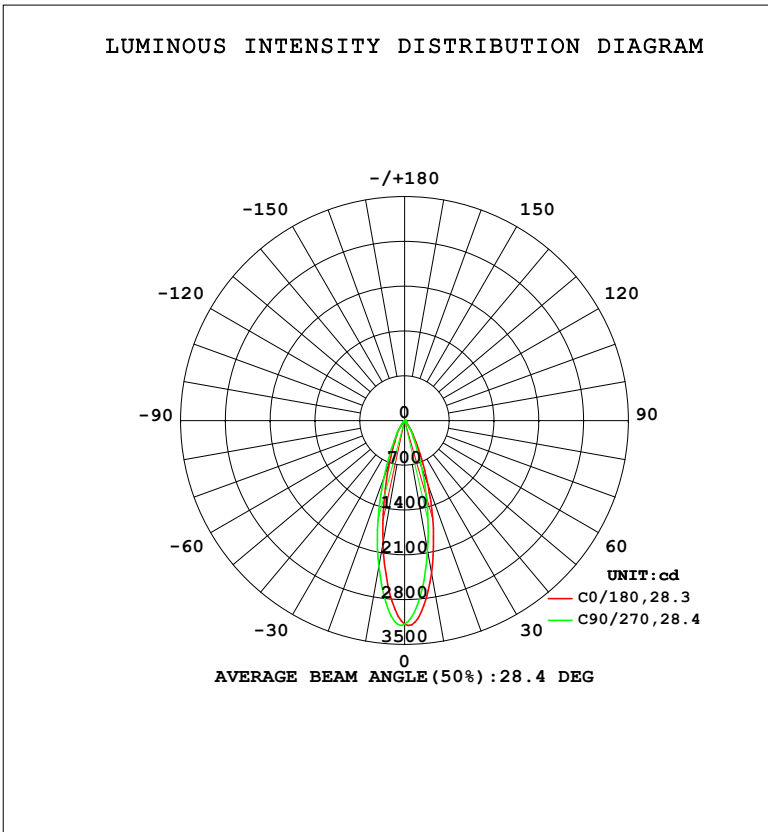


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.86 lm/W
MODEL		I _{max} (cd)	3254	S/MH (C0/180)		0.41
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)		0.51
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1034.1	η UP, DN (C0-180)		0.0,48.8
NOMINAL FLUX (lm)	1034.11	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.0,51.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX		0.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

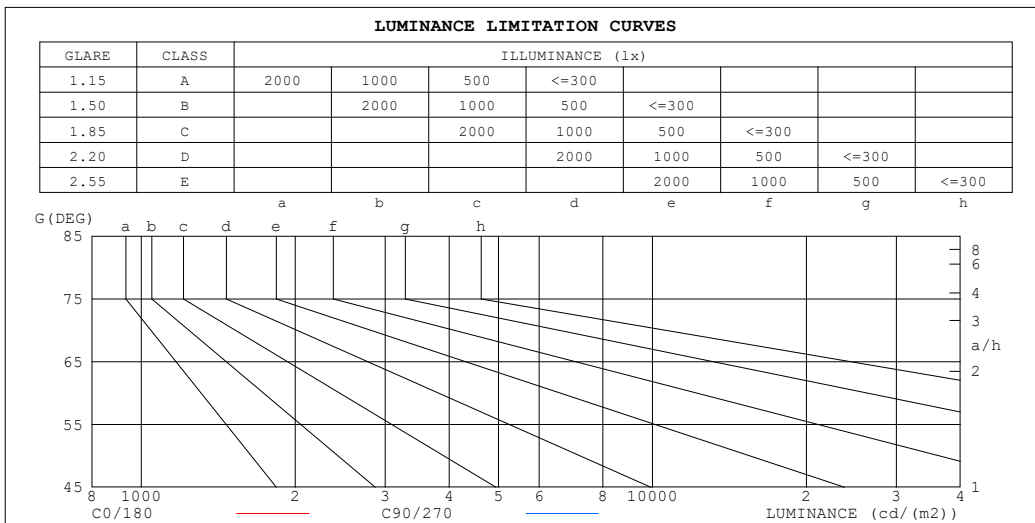
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2431	2294	2073	1898	1957	2123	2323	2458	0- 10	251.0	251.0	24.3,24.3
20	1072	976.7	799.3	669.8	689.1	827.4	963.5	1119	10- 20	408.1	659.1	63.7,63.7
30	288.1	270.4	242.0	232.8	236.1	262.6	252.0	294.1	20- 30	225.3	884.4	85.5,85.5
40	57.72	53.18	48.16	44.31	46.05	49.58	53.54	58.63	30- 40	84.01	968.4	93.6,93.6
50	30.24	29.64	27.68	26.22	26.44	28.02	30.29	31.19	40- 50	28.90	997.3	96.4,96.4
60	16.18	15.69	14.79	14.15	14.43	14.98	15.85	16.58	50- 60	19.10	1016	98.3,98.3
70	8.666	8.287	7.582	7.419	7.725	7.566	7.561	8.402	60- 70	11.08	1027	99.4,99.4
80	3.389	2.993	2.553	2.642	2.996	2.503	2.403	2.840	70- 80	5.588	1033	99.9,99.9
90	0.0520	0.0424	0.0560	0.0426	0.0394	0.0339	0.0421	0.0300	80- 90	1.064	1034	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:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-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	131	61
80	176	131
75	209	175
70	229	198
65	251	219
60	292	264
55	349	316
50	424	384
45	493	440

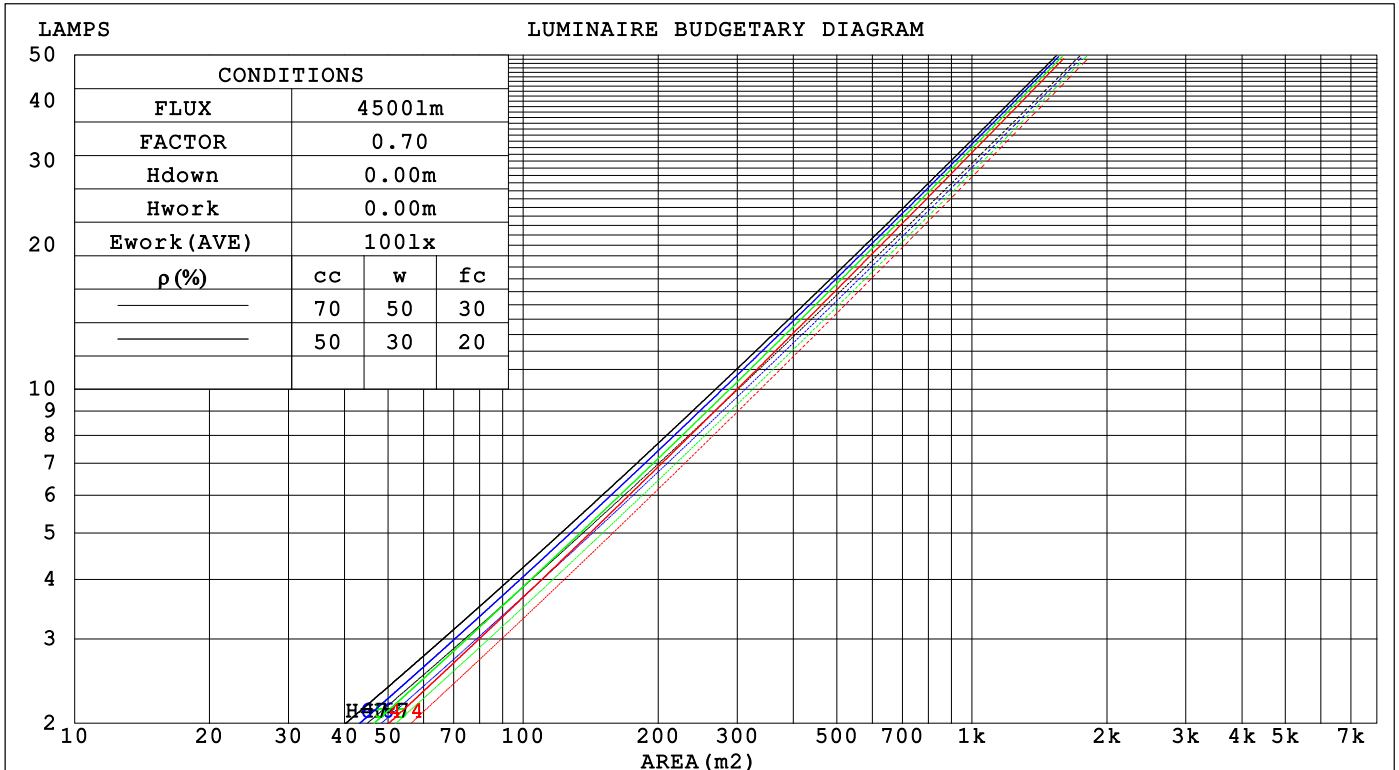
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	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	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.99	.98	.97	.97	.95
2.0	1.05	1.02	.99	1.03	1.00	.98	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.90	.88	.91	.89	.87	.85
4.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.88	.85	.83	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.77	.85	.80	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.82	.77	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.71	.78	.74	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.68
9.0	.76	.71	.68	.75	.71	.68	.75	.70	.67	.74	.70	.67	.73	.70	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.65	.64



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3 °C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:	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	.160	.091	.029	.153	.088	.028	.141	.081	.026	.129	.075	.024	.119	.069	.022	
2.0	.150	.082	.025	.145	.080	.025	.134	.075	.023	.125	.070	.022	.116	.066	.021	
3.0	.141	.075	.023	.137	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019	
4.0	.133	.069	.020	.129	.067	.020	.121	.064	.019	.114	.061	.019	.108	.059	.018	
5.0	.125	.064	.019	.122	.063	.018	.116	.060	.018	.110	.058	.017	.104	.056	.017	
6.0	.119	.060	.017	.116	.059	.017	.110	.057	.016	.105	.055	.016	.100	.053	.016	
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015	
8.0	.108	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	.093	.048	.014	
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.093	.047	.013	.090	.046	.013	
10.0	.098	.047	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.013	

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.095	.066	.046	.065	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm										
NAME: ASD-CD-TR-MV-4D15AC-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	3.9	4.6	4.1	4.8	5.0	3.7	4.5	3.9	4.6	4.8
3H	4.3	5.0	4.5	5.2	5.4	4.1	4.8	4.3	5.0	5.2
4H	4.5	5.2	4.8	5.4	5.6	4.3	5.0	4.5	5.2	5.4
6H	4.7	5.3	5.0	5.6	5.8	4.3	5.0	4.6	5.2	5.5
8H	4.7	5.3	5.0	5.6	5.8	4.3	5.0	4.6	5.2	5.5
12H	4.7	5.3	5.0	5.6	5.9	4.3	4.9	4.6	5.2	5.5
4H 2H	4.0	4.7	4.2	4.9	5.1	3.8	4.5	4.1	4.7	4.9
3H	4.6	5.2	4.9	5.4	5.7	4.4	5.0	4.7	5.3	5.5
4H	4.9	5.4	5.2	5.7	6.0	4.7	5.2	5.0	5.5	5.8
6H	5.1	5.6	5.5	5.9	6.3	4.8	5.3	5.2	5.6	6.0
8H	5.2	5.6	5.6	6.0	6.4	4.8	5.3	5.2	5.6	6.0
12H	5.2	5.6	5.6	6.0	6.4	4.8	5.2	5.2	5.6	6.0
8H 4H	4.9	5.4	5.3	5.7	6.1	4.7	5.2	5.1	5.5	5.9
6H	5.2	5.6	5.7	6.0	6.4	4.9	5.3	5.4	5.7	6.1
8H	5.3	5.7	5.8	6.1	6.5	5.0	5.3	5.4	5.7	6.2
12H	5.4	5.7	5.9	6.1	6.6	5.0	5.3	5.4	5.7	6.2
12H 4H	4.9	5.3	5.3	5.7	6.1	4.7	5.1	5.1	5.5	5.9
6H	5.2	5.6	5.7	6.0	6.4	4.9	5.3	5.4	5.7	6.1
8H	5.3	5.6	5.8	6.1	6.5	5.0	5.3	5.5	5.7	6.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.4 / - 0.9					+ 0.8 / - 0.9				
1.5H	+ 2.3 / - 0.7					+ 1.4 / - 0.7				
2.0H	+ 0.9 / - 0.8					+ 0.9 / - 1.0				

CIE Pub.117, 1034 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.1)
 Area: 0.111111 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

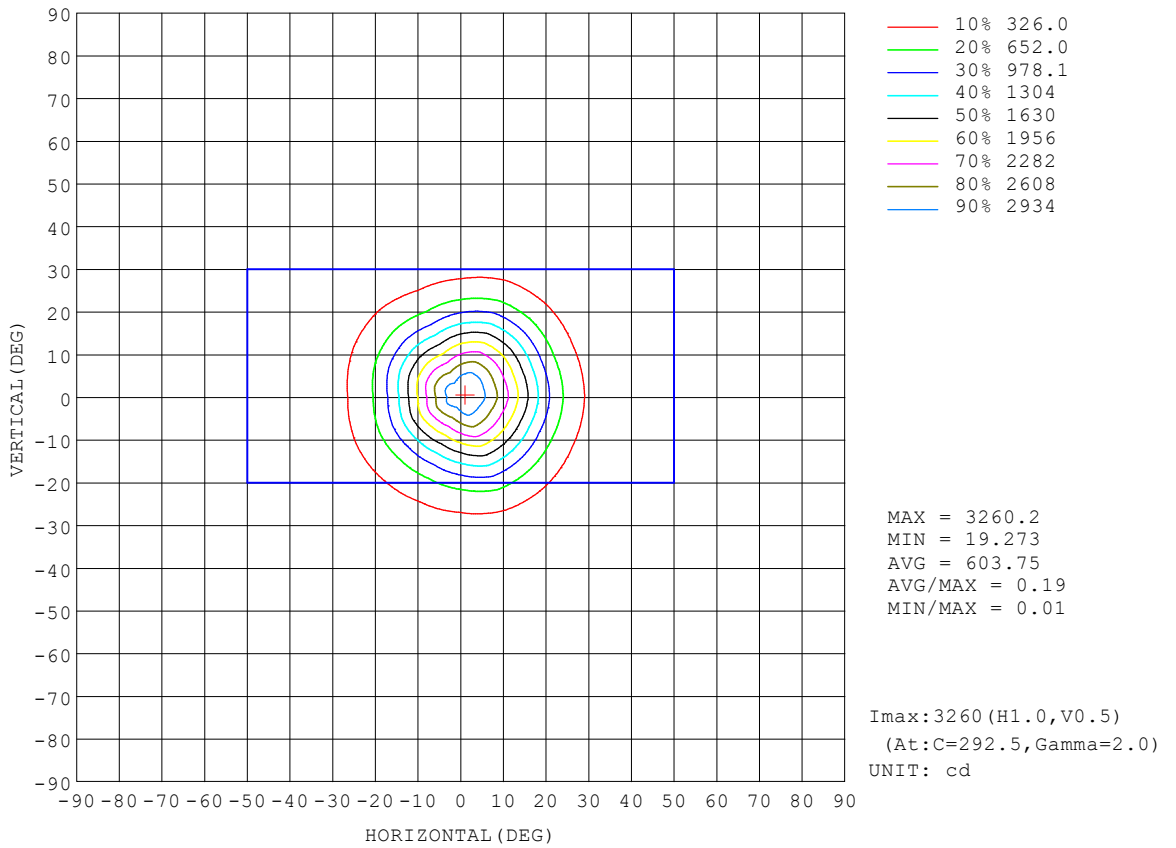
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	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: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

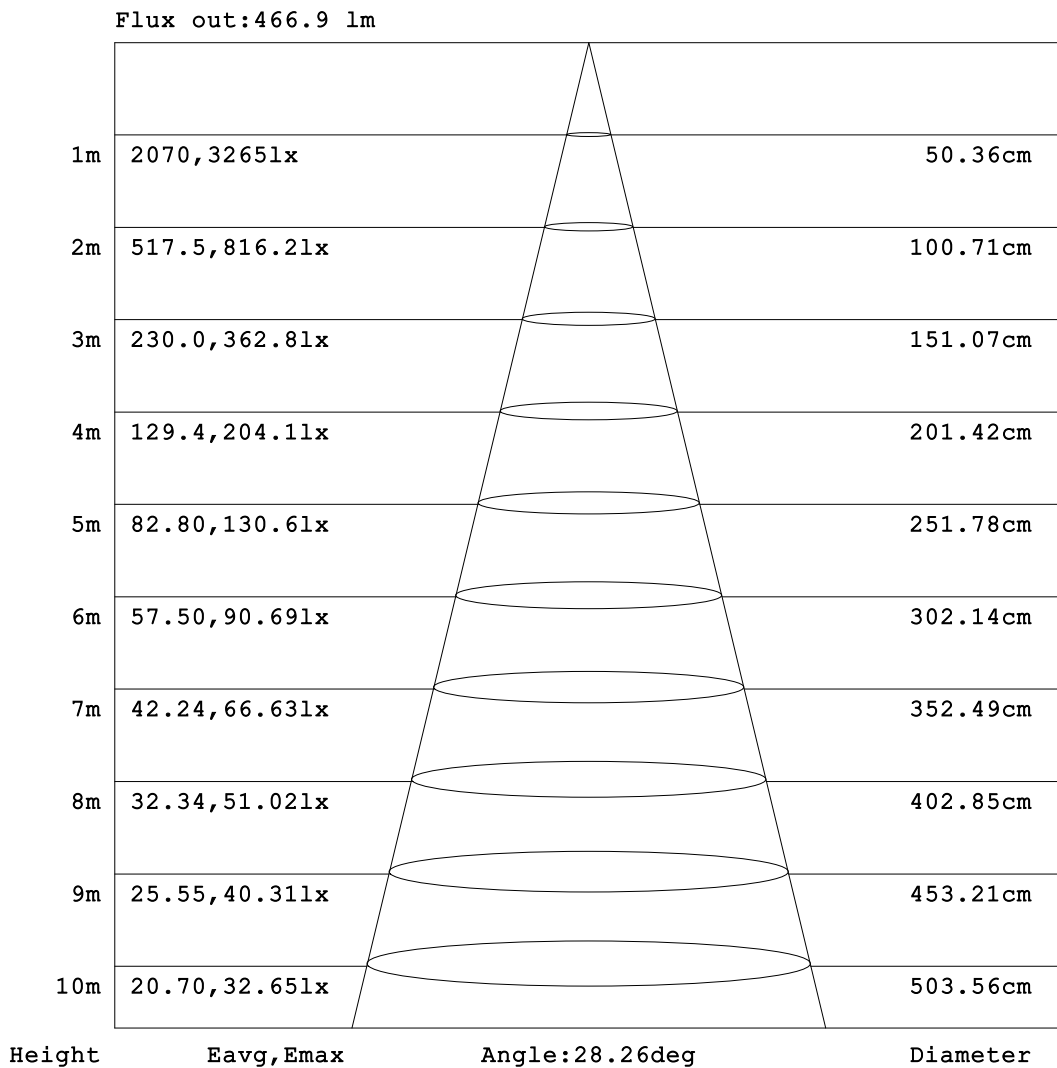


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:



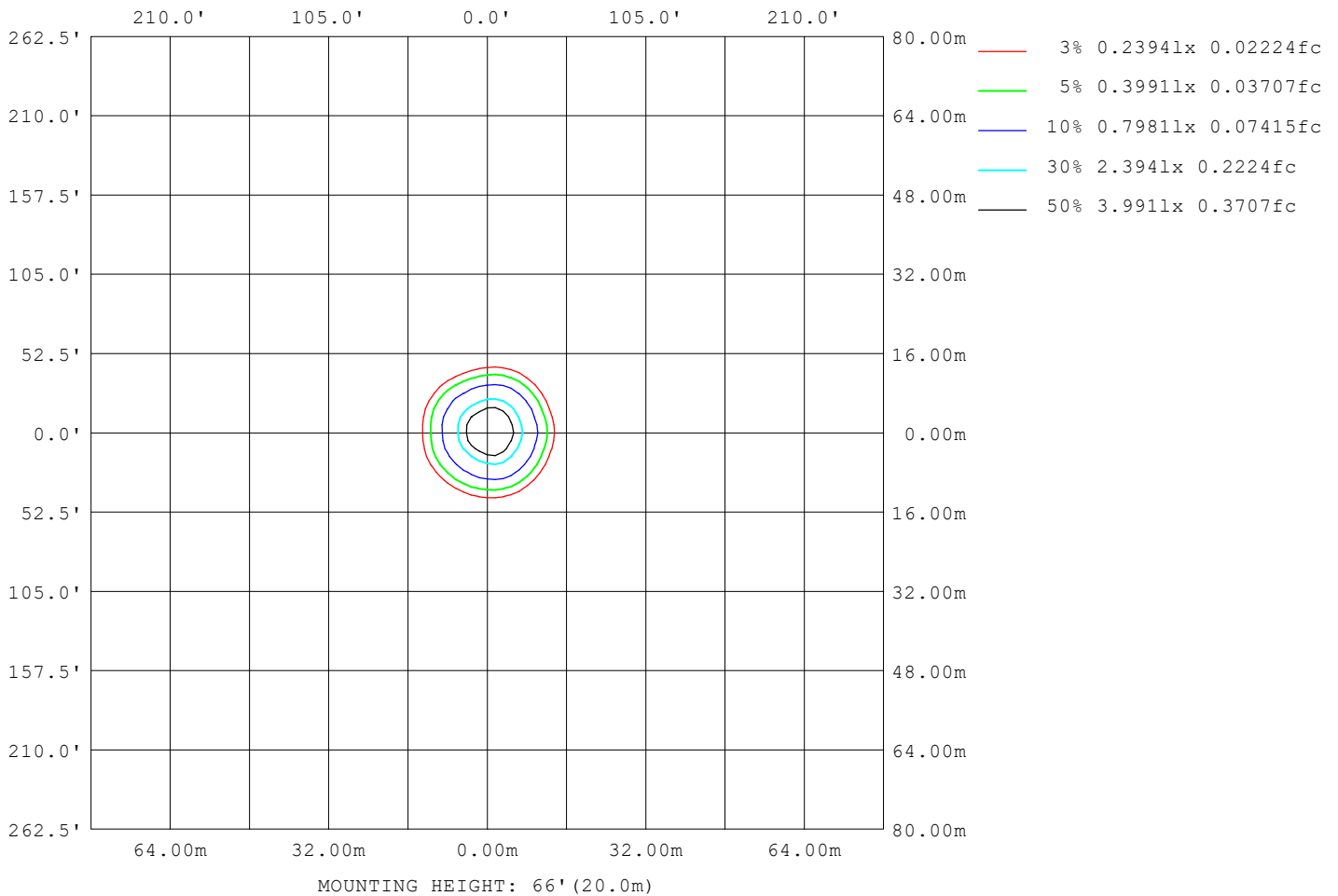
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-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:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3500K 90	DIM.:	SERIAL No.:
MFR.:ASD Lighting Corp	SUR.:	Shielding Angle:

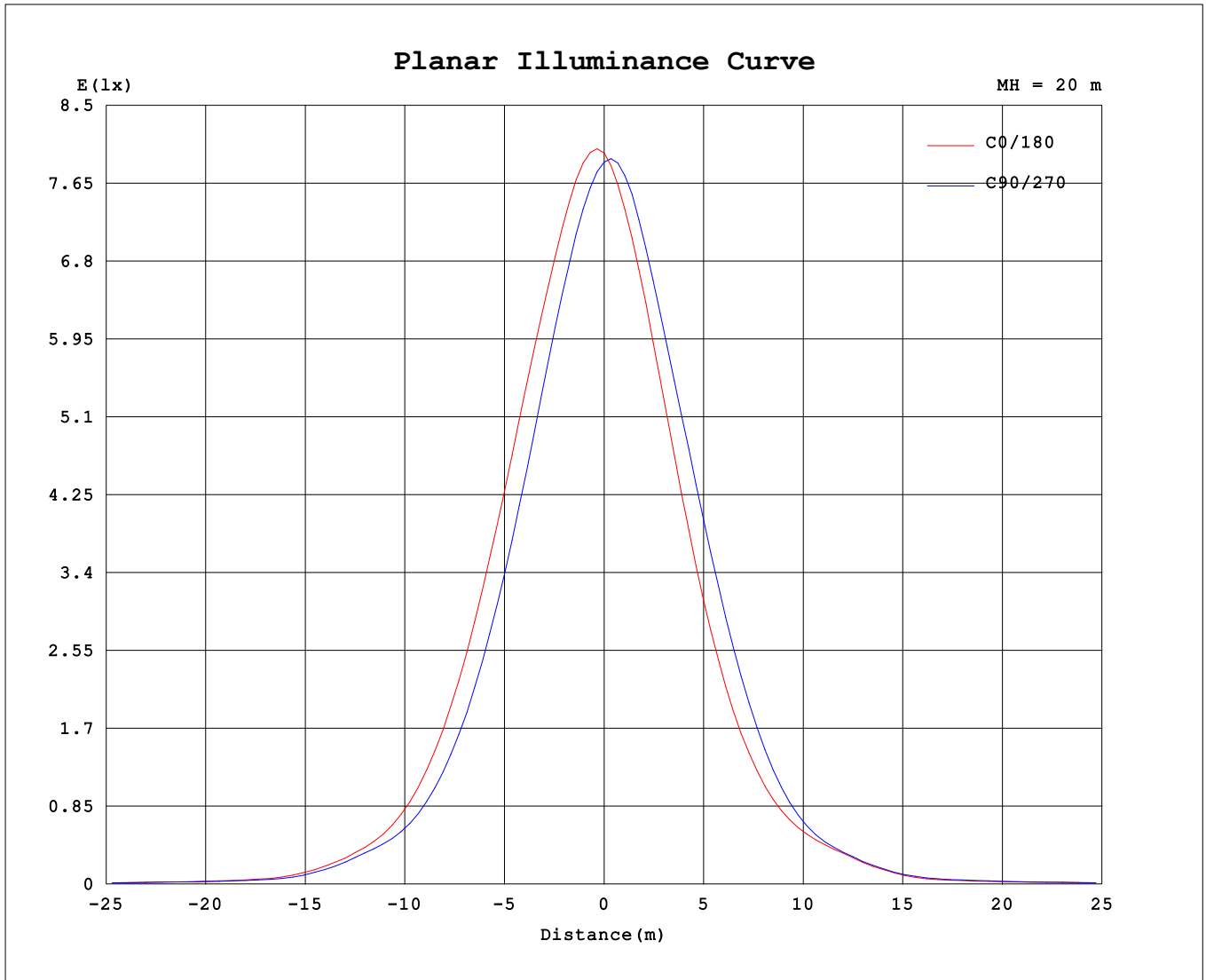
AvgL	cd/m2
L_0~180 (65) av	234
L_0~180 (75) av	198
L_0~180 (85) av	119
L_90~270 (65) av	227
L_90~270 (75) av	175
L_90~270 (85) av	53
L_45 (65) av	233
L_45 (75) av	185
L_45 (85) av	70

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [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: 2022-10-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.87V I:0.1172A P:13.632W PF:0.9701 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1034.11x1 lm		
NAME: ASD-CD-TR-MV-4D15AC-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	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185			
5	3004	2914	2906	2923	2767	2650	2663	2703	2710	2809	2822	2799	2965	3106	3051	2962			
10	2431	2314	2294	2301	2073	1909	1898	1955	1957	2087	2123	2105	2323	2502	2458	2373			
15	1740	1631	1609	1608	1372	1212	1190	1229	1229	1360	1413	1407	1623	1810	1788	1697			
20	1072	986	977	974	799	688	670	691	689	786	827	802	964	1128	1119	1042			
25	569	519	515	514	420	373	368	379	378	424	441	411	485	591	587	542			
30	288	268	270	269	242	231	233	237	236	260	263	233	252	296	294	274			
35	145	130	136	138	121	107	111	121	118	135	133	108	126	155	152	137			
40	57.7	53.2	53.2	55.1	48.2	44.1	44.3	45.8	46.0	50.4	49.6	48.7	53.5	61.4	58.6	54.0			
45	38.6	37.4	37.4	38.3	34.9	33.3	33.2	33.3	33.4	35.6	35.7	35.9	38.8	40.5	39.2	36.8			
50	30.2	29.5	29.6	30.2	27.7	26.5	26.2	26.3	26.4	28.0	28.0	28.1	30.3	31.9	31.2	29.1			
55	22.2	21.1	21.7	22.5	20.3	19.3	19.3	19.8	19.7	20.9	20.7	20.1	22.1	23.9	23.2	21.1			
60	16.2	15.6	15.7	16.1	14.8	14.2	14.1	14.5	14.4	15.2	15.0	14.8	15.8	16.8	16.6	15.4			
65	11.7	11.1	11.3	11.3	10.4	10.04	9.94	10.2	10.2	10.8	10.5	10.1	10.9	11.8	12.0	11.2			
70	8.67	8.22	8.29	8.23	7.58	7.30	7.42	7.65	7.73	7.87	7.57	7.08	7.56	8.05	8.40	8.26			
75	6.00	5.80	5.70	5.59	5.09	4.91	5.04	5.30	5.41	5.37	5.00	4.65	4.98	5.42	5.56	5.68			
80	3.39	3.23	2.99	2.90	2.55	2.47	2.64	2.92	3.00	2.87	2.50	2.20	2.40	2.69	2.84	3.04			
85	1.27	1.03	0.79	0.75	0.60	0.57	0.72	0.98	1.04	0.87	0.55	0.36	0.44	0.55	0.66	0.90			
90	0.05	0.05	0.04	0.04	0.06	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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γ Range: 0 - 90DEG
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