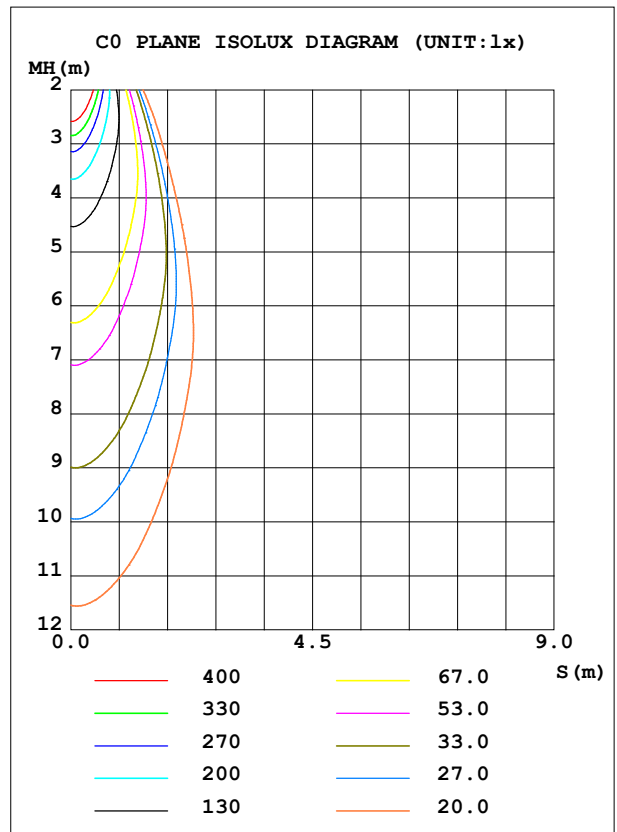
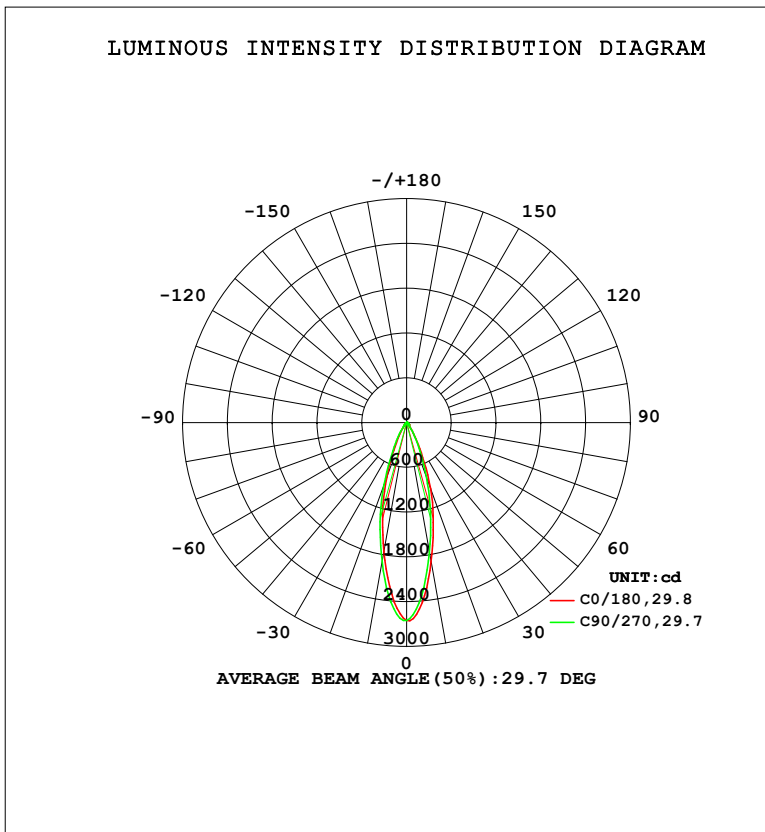


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	2664	S/MH (C0/180)	0.47
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.51
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	928.22	η UP, DN (C0-180)	0.0,49.4
NOMINAL FLUX (lm)	928.224	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.6
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: 2022-11-23

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:

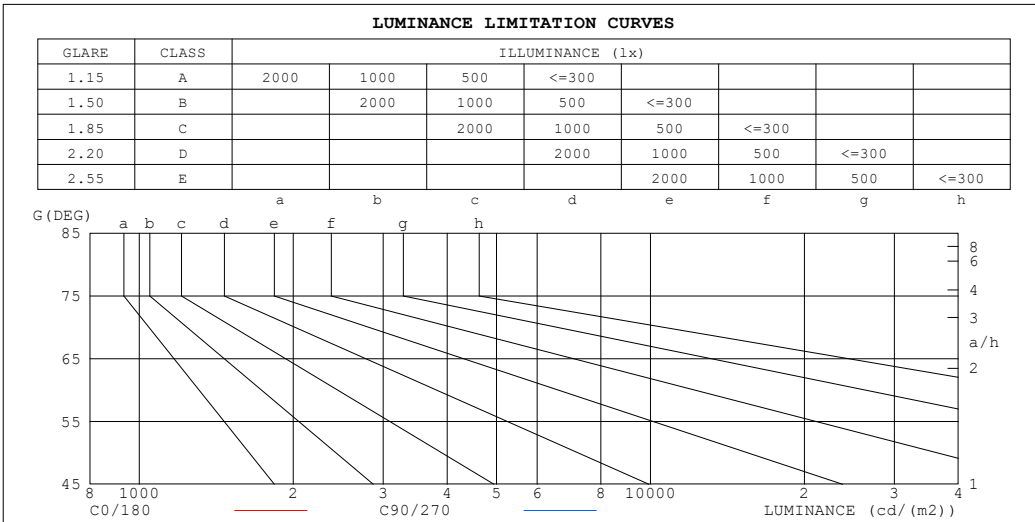
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1896	1874	1767	1716	1758	1801	1900	1952	0- 10	208.5	208.5	22.5,22.5
20	942.0	876.8	779.6	748.9	786.5	831.6	893.8	944.6	10- 20	360.6	569.1	61.3,61.3
30	256.4	249.1	230.2	217.2	210.6	235.4	250.7	259.9	20- 30	218.1	787.2	84.8,84.8
40	58.54	61.87	53.42	52.29	51.87	54.15	55.37	56.89	30- 40	74.46	861.7	92.8,92.8
50	29.89	30.92	27.91	28.09	27.72	28.24	28.81	29.94	40- 50	32.12	893.8	96.3,96.3
60	13.80	13.62	12.88	13.10	12.82	12.80	13.12	13.77	50- 60	18.88	912.7	98.3,98.3
70	6.690	6.420	6.107	6.406	6.196	6.086	6.233	6.636	60- 70	9.423	922.1	99.3,99.3
80	3.340	3.089	2.936	3.299	3.179	2.900	3.022	3.251	70- 80	4.551	926.7	99.8,99.8
90	0.0544	0.0426	0.0431	0.0490	0.0385	0.0311	0.0271	0.0386	80- 90	1.541	928.2	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:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-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	192	128
80	174	152
75	151	135
70	177	161
65	215	198
60	250	232
55	347	322
50	420	391
45	555	503

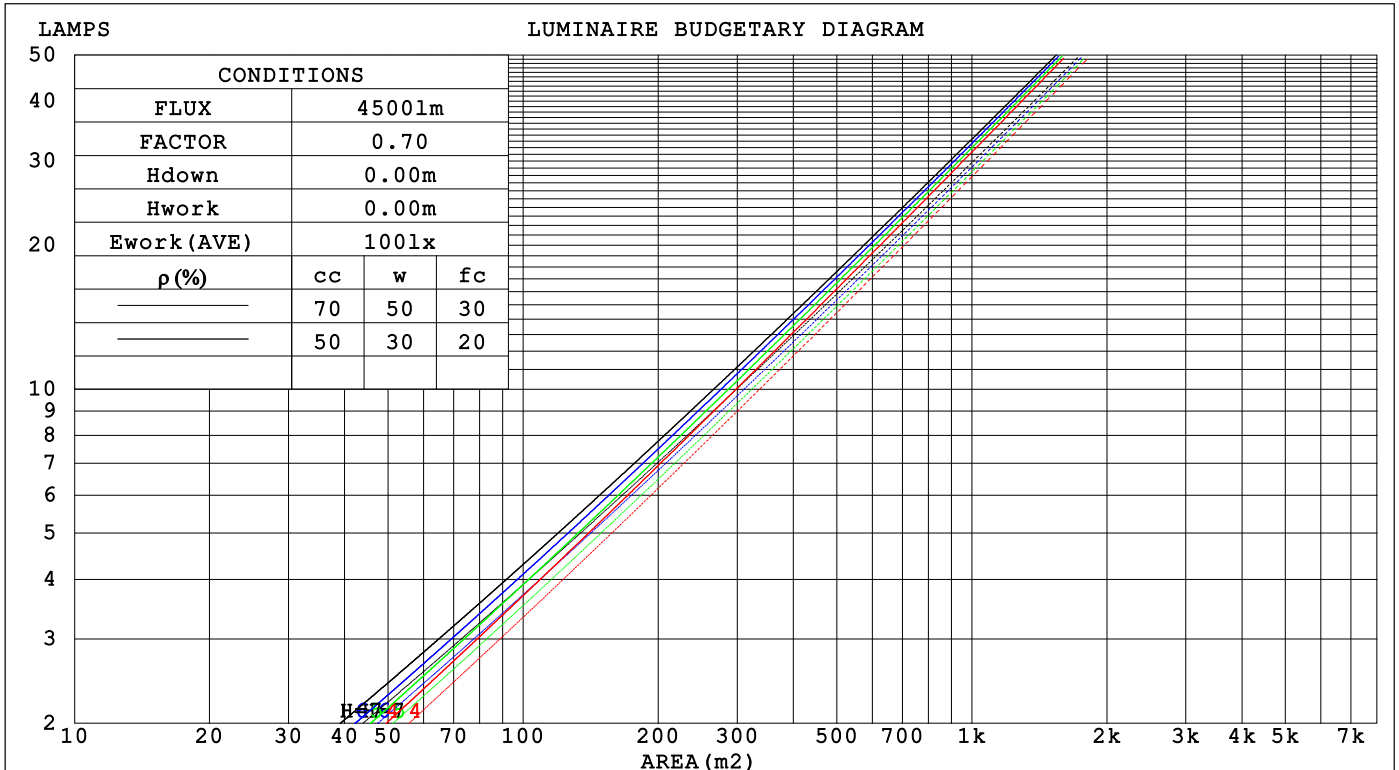
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-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 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	.93	.91	.90
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.89	.84	.80	.88	.84	.80	.87	.83	.79	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.72	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.73	.69	.76	.72	.69	.75	.72	.69	.75	.71	.68	.67
9.0	.75	.70	.66	.74	.70	.66	.73	.69	.66	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.67	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.69	.66	.63	.62



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-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	.163	.093	.029	.156	.089	.028	.144	.082	.026	.132	.076	.024	.122	.071	.023	
2.0	.153	.084	.026	.148	.081	.025	.137	.076	.024	.128	.072	.022	.119	.067	.021	
3.0	.144	.077	.023	.139	.075	.022	.130	.071	.021	.122	.067	.021	.115	.064	.020	
4.0	.136	.070	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.111	.060	.018	
5.0	.128	.065	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017	
6.0	.121	.061	.017	.118	.060	.017	.113	.058	.017	.108	.056	.016	.103	.054	.016	
7.0	.115	.057	.016	.113	.056	.016	.108	.055	.016	.103	.053	.015	.099	.051	.015	
8.0	.110	.054	.015	.108	.053	.015	.103	.052	.015	.099	.050	.014	.095	.049	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	.092	.047	.014	
10.0	.101	.048	.013	.099	.048	.013	.095	.047	.013	.092	.046	.013	.089	.045	.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	.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	.140	.113	.092	.120	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.102	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.092	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.075	.046	.026	.052	.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:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm										
NAME: ASD-CD-TS-4D15AC-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	4.9	5.7	5.1	5.9	6.0	3.6	4.5	3.9	4.6	4.8
3H	5.2	5.9	5.4	6.1	6.3	3.9	4.7	4.2	4.9	5.1
4H	5.3	6.0	5.5	6.2	6.4	4.0	4.7	4.3	4.9	5.2
6H	5.3	6.0	5.6	6.3	6.5	4.1	4.8	4.4	5.0	5.3
8H	5.4	6.1	5.7	6.3	6.6	4.2	4.8	4.5	5.1	5.4
12H	5.5	6.1	5.8	6.3	6.6	4.2	4.8	4.5	5.1	5.4
4H 2H	4.9	5.6	5.2	5.9	6.1	3.8	4.5	4.0	4.7	4.9
3H	5.3	5.9	5.6	6.2	6.4	4.1	4.8	4.5	5.0	5.3
4H	5.4	6.0	5.8	6.3	6.6	4.3	4.9	4.6	5.2	5.5
6H	5.6	6.1	6.0	6.5	6.8	4.5	5.0	4.9	5.3	5.7
8H	5.7	6.2	6.1	6.5	6.9	4.6	5.1	5.0	5.4	5.8
12H	5.8	6.3	6.2	6.6	7.0	4.7	5.1	5.1	5.5	5.9
8H 4H	5.4	5.9	5.8	6.2	6.6	4.3	4.8	4.7	5.1	5.5
6H	5.7	6.1	6.1	6.5	6.9	4.6	5.0	5.1	5.4	5.8
8H	5.9	6.2	6.3	6.6	7.1	4.8	5.2	5.3	5.6	6.0
12H	6.0	6.3	6.5	6.8	7.2	4.9	5.2	5.4	5.7	6.1
12H 4H	5.4	5.8	5.8	6.2	6.6	4.3	4.7	4.7	5.1	5.5
6H	5.7	6.0	6.1	6.4	6.9	4.7	5.0	5.1	5.4	5.9
8H	5.9	6.2	6.4	6.6	7.1	4.9	5.2	5.3	5.6	6.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.3					+ 1.1 / - 1.0				
1.5H	+ 1.6 / - 1.2					+ 1.5 / - 0.6				
2.0H	+ 1.7 / - 1.5					+ 1.5 / - 1.1				

CIE Pub.117, 928.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
 Area: 0.111111 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

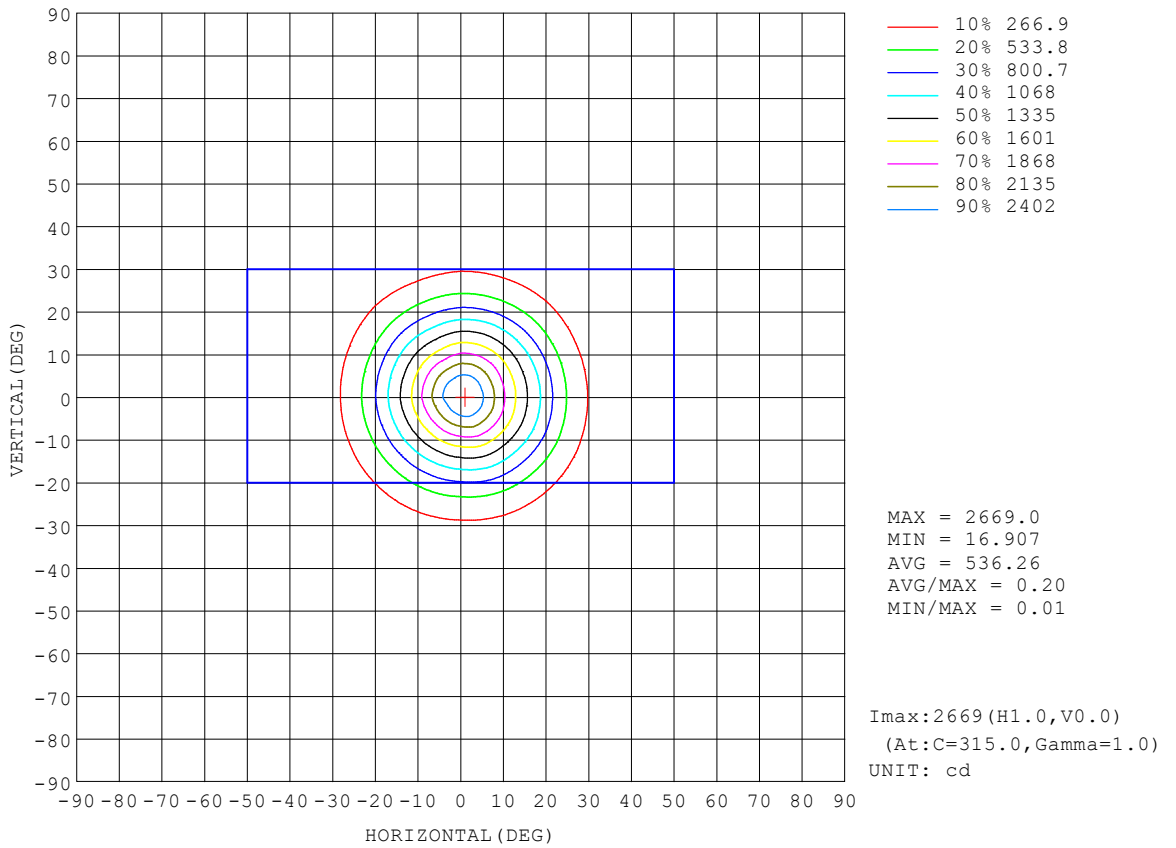
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
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:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

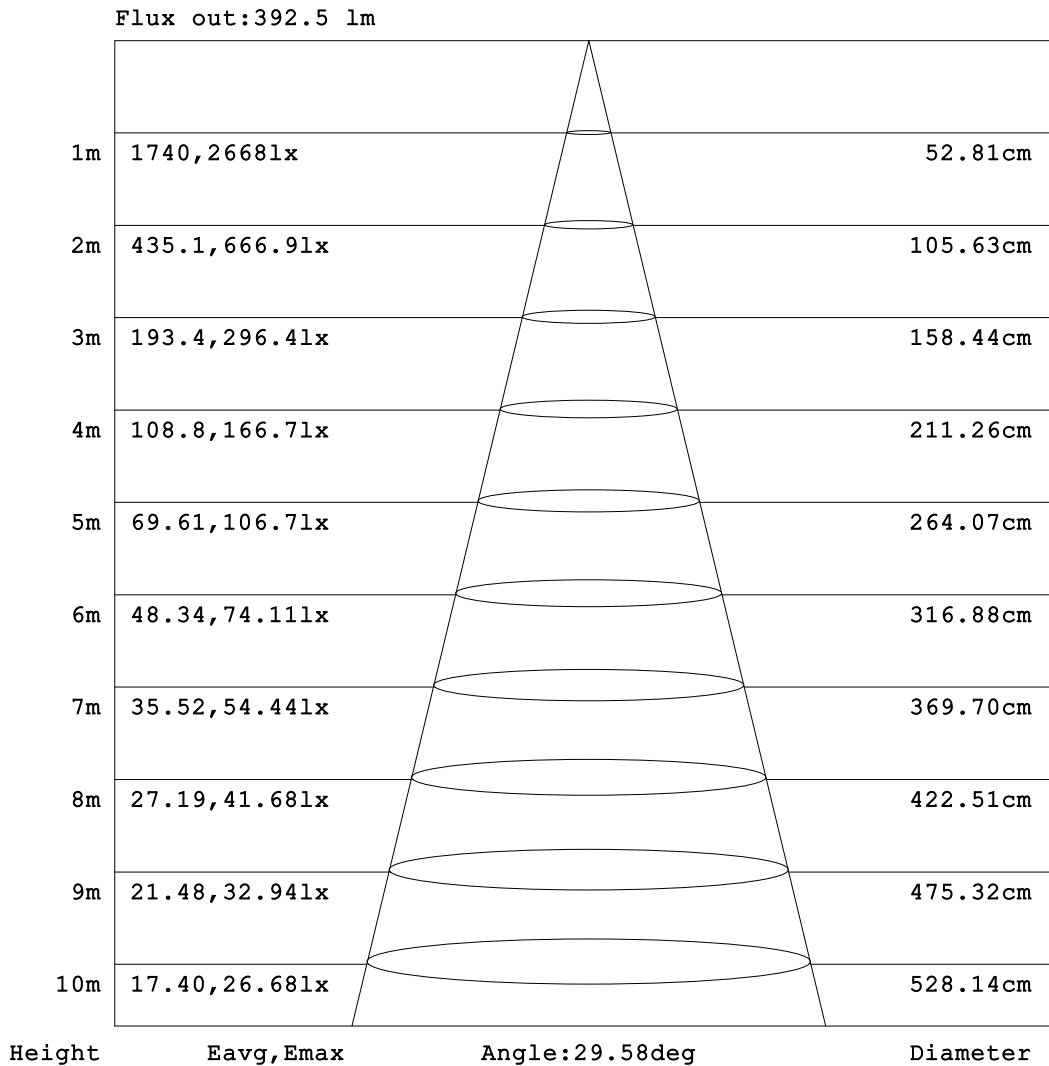


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



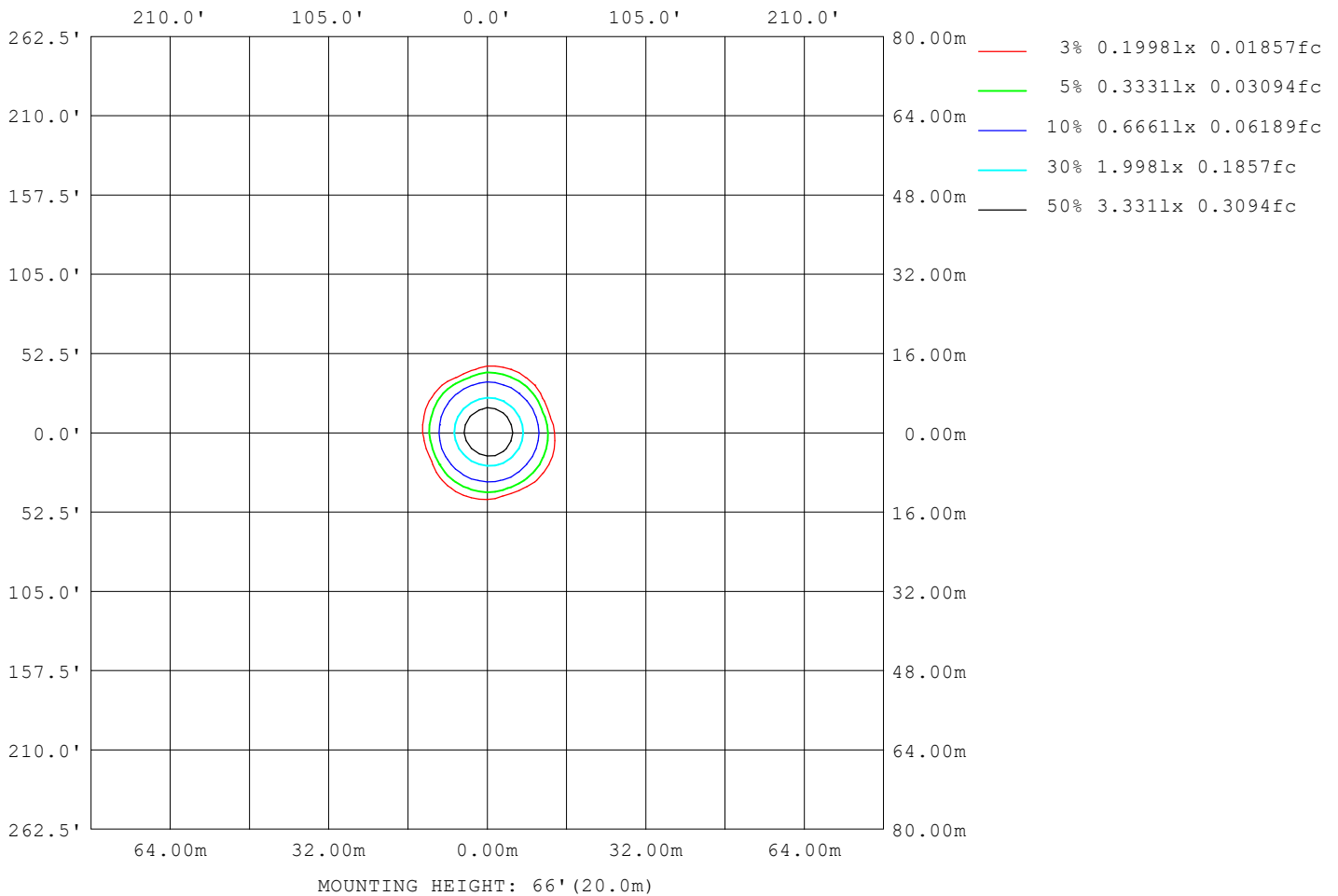
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-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:2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

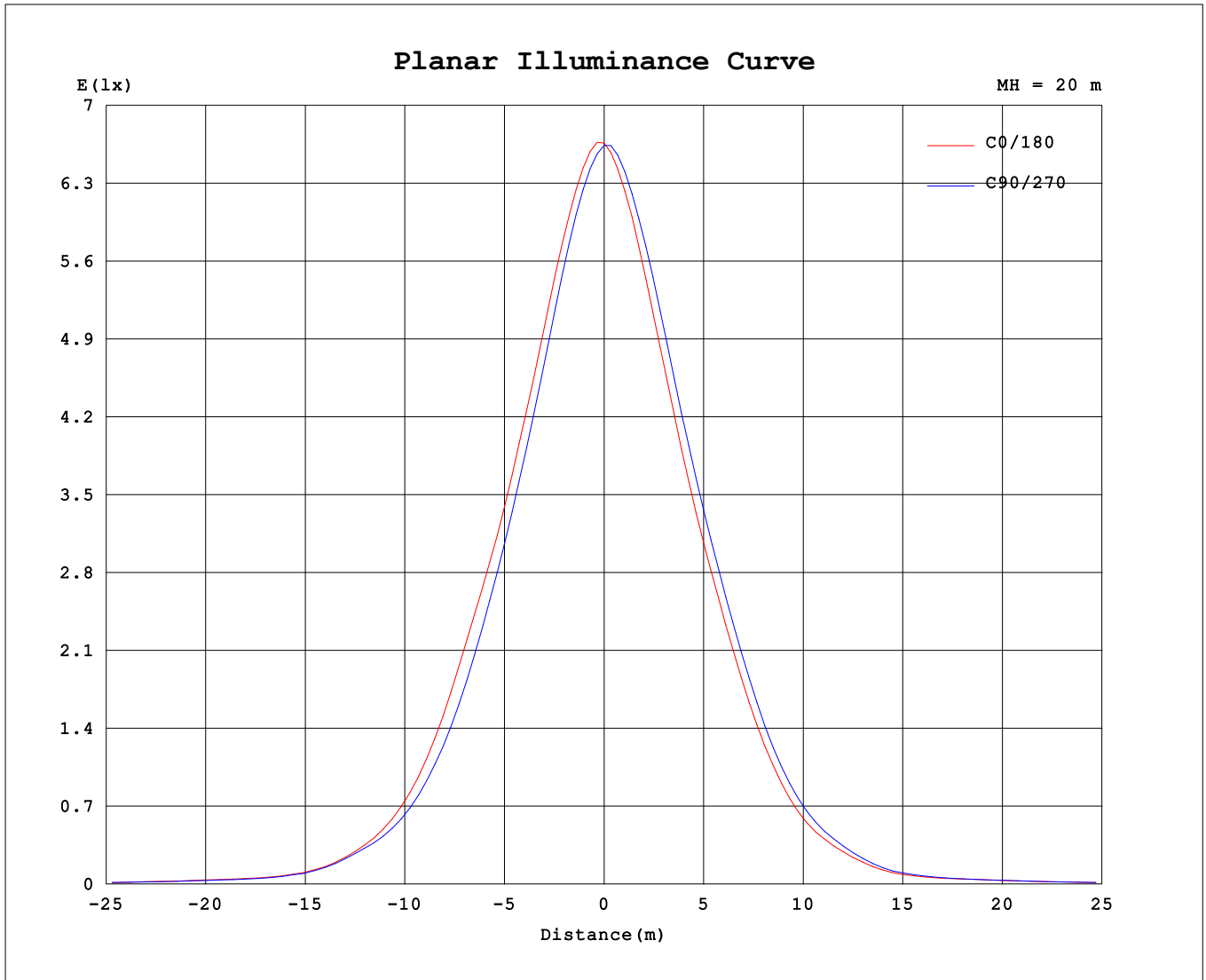
AvgL	cd/m2
L_0~180 (65) av	206
L_0~180 (75) av	146
L_0~180 (85) av	173
L_90~270 (65) av	200
L_90~270 (75) av	137
L_90~270 (85) av	122
L_45 (65) av	205
L_45 (75) av	143
L_45 (85) av	146

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2022-11-23

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: 2022-11-23

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:119.85V I:0.1117A P:13.193W PF:0.9852 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:928.224x1 lm		
NAME: ASD-CD-TS-4D15AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 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	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652			
5	2422	2421	2403	2385	2328	2295	2284	2293	2309	2318	2343	2360	2417	2447	2457	2446			
10	1896	1898	1874	1847	1767	1732	1716	1735	1758	1766	1801	1818	1900	1933	1952	1926			
15	1388	1382	1341	1317	1245	1207	1200	1224	1249	1259	1292	1306	1376	1409	1423	1410			
20	942	931	877	848	780	757	749	765	787	798	832	839	894	924	945	953			
25	517	515	484	463	429	414	402	405	414	422	445	457	486	498	517	520			
30	256	258	249	240	230	223	217	196	211	220	235	215	251	253	260	250			
35	116	145	135	89.6	110	124	104	74.4	92.5	113	104	81.1	109	132	121	90.8			
40	58.5	74.0	61.9	51.3	53.4	60.3	52.3	48.4	51.9	60.6	54.1	48.8	55.4	65.8	56.9	51.3			
45	43.4	49.6	43.7	37.6	39.4	43.5	40.1	36.1	39.7	44.5	40.5	35.9	41.3	46.3	42.3	38.6			
50	29.9	37.6	30.9	26.5	27.9	33.6	28.1	25.7	27.7	34.0	28.2	25.6	28.8	35.4	29.9	26.8			
55	22.0	25.6	22.0	18.9	20.5	22.7	20.6	17.7	20.1	22.3	20.6	17.7	21.0	23.5	22.0	19.1			
60	13.8	16.5	13.6	12.0	12.9	14.8	13.1	11.9	12.8	14.6	12.8	11.8	13.1	15.6	13.8	12.2			
65	10.0	10.3	9.73	8.72	9.29	9.70	9.54	8.59	9.34	9.60	9.26	8.36	9.50	10.0	9.95	8.94			
70	6.69	7.07	6.42	5.60	6.11	6.63	6.41	5.59	6.20	6.50	6.09	5.34	6.23	6.86	6.64	5.78			
75	4.33	4.54	4.02	3.56	3.87	4.35	4.26	3.74	4.07	4.25	3.91	3.57	3.98	4.40	4.28	3.62			
80	3.34	3.26	3.09	2.85	2.94	3.11	3.30	3.11	3.18	3.00	2.90	2.75	3.02	3.18	3.25	3.02			
85	1.85	1.60	1.41	1.35	1.24	1.32	1.57	1.70	1.50	1.13	1.02	0.97	1.13	1.39	1.67	1.83			
90	0.05	0.04	0.04	0.05	0.04	0.04	0.05	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.04	0.08			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
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 Remarks: