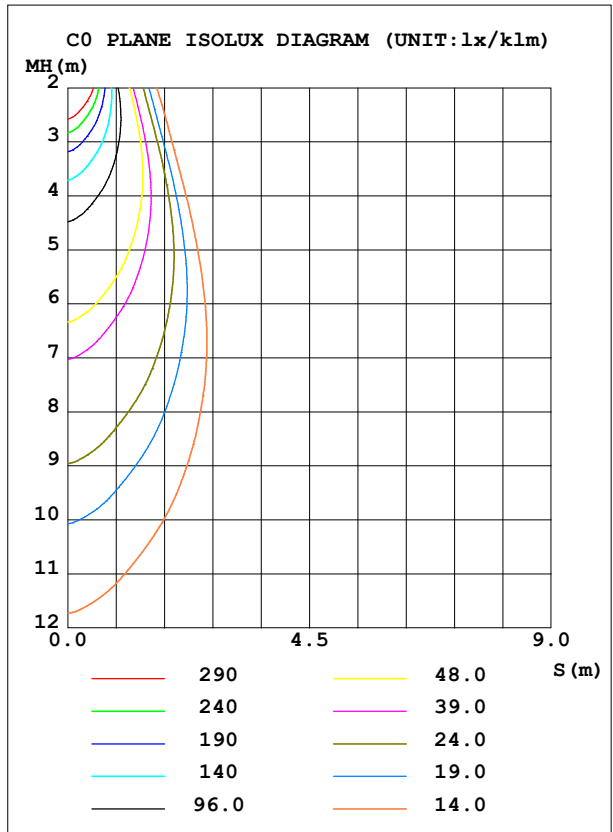
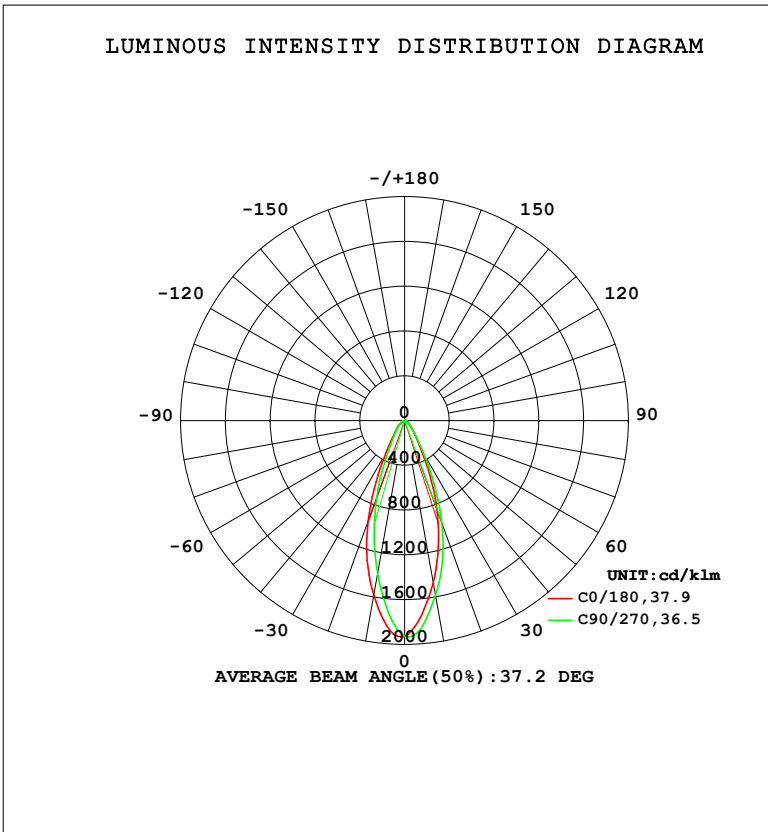


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 85.77 lm/W
MODEL		I _{max} (cd/klm)	1941	S/MH (C0/180)		0.64
NOMINAL POWER (W)	17	LOR (%)	100.0	S/MH (C90/270)		0.53
RATED VOLTAGE (V)	120	TOTAL FLUX (lm/klm)	1000.00	η UP, DN (C0-180)		0.0, 52.9
NOMINAL FLUX (lm)	1452.6	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.0, 47.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX		0.65



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:

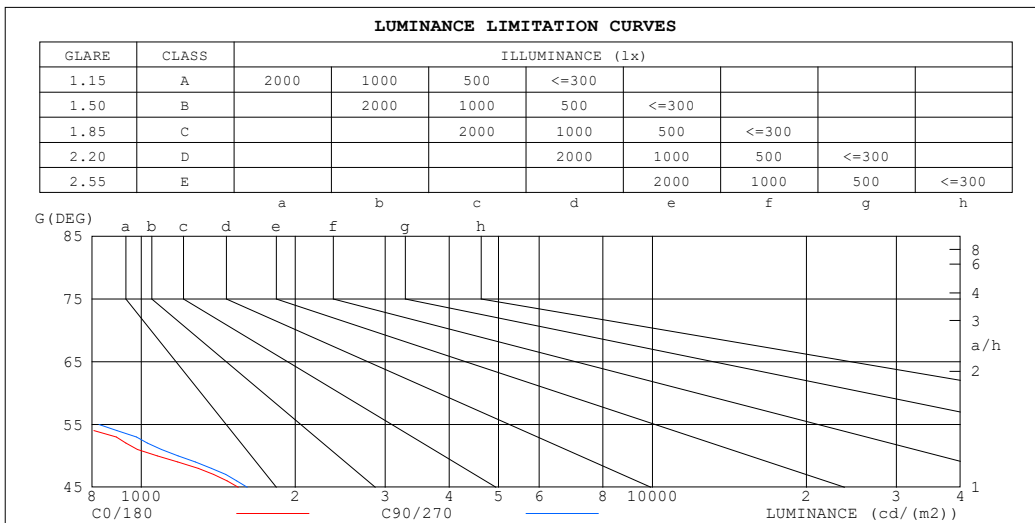
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1474	1572	1587	1616	1586	1485	1390	1382	0- 10	161.3	161.3	16.1,16.1
20	848.4	955.4	974.4	1017	953.7	826.7	734.3	722.8	10- 20	331.3	492.6	49.3,49.3
30	290.1	335.4	346.4	364.9	338.9	296.3	262.2	250.7	20- 30	254.6	747.2	74.7,74.7
40	119.1	123.9	124.0	130.9	131.0	123.7	118.2	117.5	30- 40	120.1	867.3	86.7,86.7
50	52.83	53.54	57.98	64.76	67.89	66.10	64.35	61.46	40- 50	68.60	935.9	93.6,93.6
60	24.79	25.19	26.26	28.31	30.23	29.29	27.63	26.00	50- 60	36.50	972.4	97.2,97.2
70	10.30	10.58	11.59	12.80	13.24	13.41	12.71	11.63	60- 70	18.93	991.4	99.1,99.1
80	2.880	2.908	3.220	3.474	3.865	4.014	3.888	3.355	70- 80	6.990	998.3	99.8,99.8
90	0.1084	0.0682	0.0733	0.0639	0.0512	0.0473	0.0491	0.0479	80- 90	1.659	1000.0	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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-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	137	222
80	217	242
75	229	285
70	394	443
65	517	553
60	648	687
55	772	827
50	1074	1179
45	1547	1612

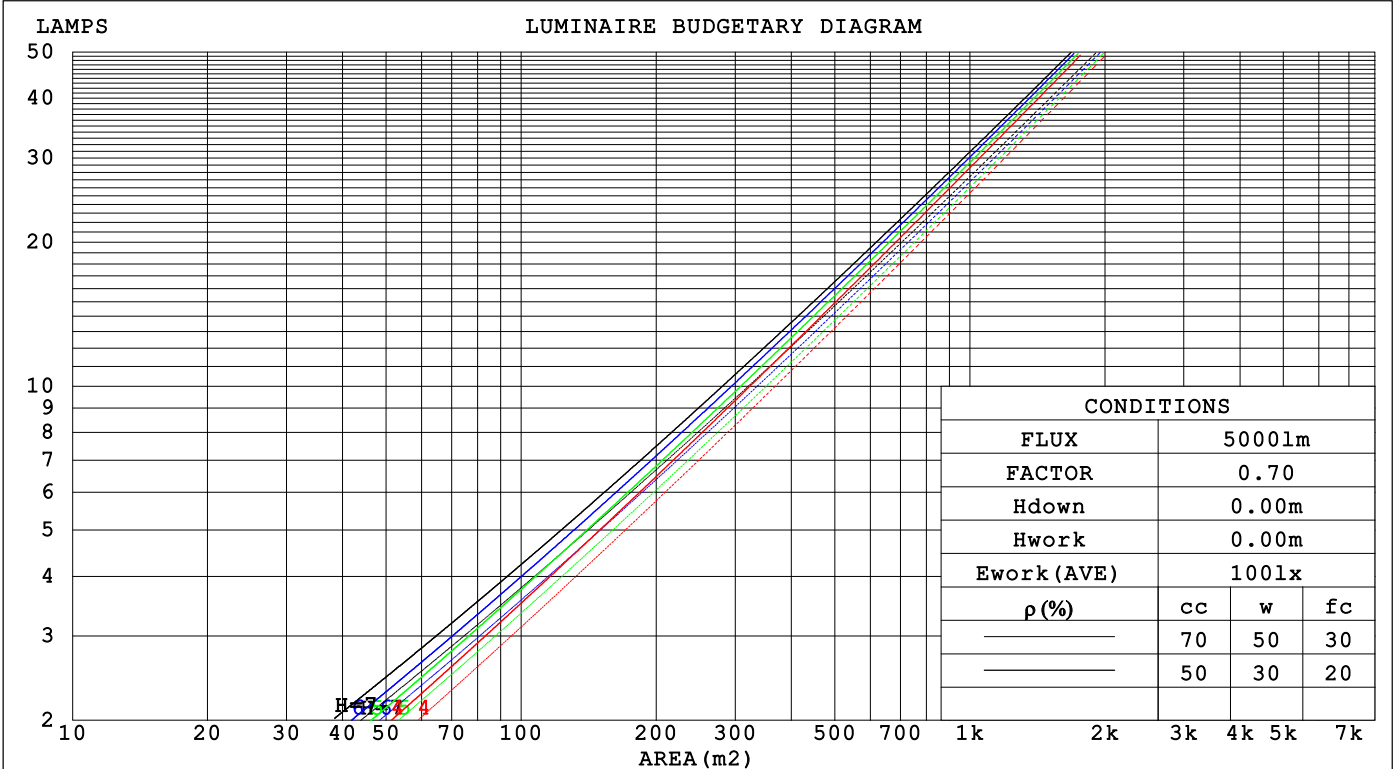
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-07-13

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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-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	.00
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.95	1.01	.98	.94	.98	.95	.92	.95	.93	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.87	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.77	.74	.80	.76	.73	.79	.75	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.54



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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-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	.181	.103	.033	.174	.099	.032	.161	.093	.030	.150	.086	.028	.139	.081	.026	
2.0	.172	.094	.029	.166	.092	.028	.156	.087	.027	.146	.082	.026	.137	.077	.024	
3.0	.162	.086	.026	.158	.084	.025	.149	.081	.024	.140	.077	.024	.132	.073	.023	
4.0	.153	.080	.023	.149	.078	.023	.142	.075	.022	.134	.072	.022	.128	.069	.021	
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.128	.068	.020	.123	.066	.020	
6.0	.138	.069	.020	.134	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017	
8.0	.124	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.016	.109	.056	.016	
9.0	.119	.057	.016	.116	.057	.016	.112	.056	.016	.108	.054	.016	.105	.053	.015	
10.0	.113	.054	.015	.111	.054	.015	.108	.053	.015	.104	.052	.015	.101	.051	.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	.171	.157	.145	.147	.135	.124	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.059	.032	.085	.051	.028	.059	.036	.020	.034	.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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm										
NAME: ASD-CD-TGR-4D17AC-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	7.3	8.2	7.5	8.4	8.6	7.6	8.5	7.8	8.7	8.8
3H	7.6	8.4	7.8	8.6	8.8	7.9	8.7	8.1	8.9	9.1
4H	7.6	8.4	7.9	8.6	8.8	7.9	8.7	8.2	8.9	9.2
6H	7.6	8.3	7.9	8.6	8.8	7.9	8.6	8.2	8.9	9.1
8H	7.5	8.3	7.8	8.5	8.8	7.9	8.6	8.2	8.9	9.1
12H	7.5	8.2	7.8	8.5	8.8	7.8	8.6	8.2	8.8	9.1
4H 2H	7.4	8.2	7.7	8.4	8.6	7.6	8.4	7.9	8.7	8.9
3H	7.7	8.4	8.1	8.7	9.0	8.0	8.7	8.3	9.0	9.3
4H	7.8	8.4	8.1	8.7	9.0	8.1	8.7	8.4	9.0	9.3
6H	7.8	8.3	8.2	8.7	9.0	8.1	8.6	8.5	9.0	9.3
8H	7.8	8.3	8.2	8.7	9.0	8.1	8.6	8.5	9.0	9.3
12H	7.7	8.2	8.2	8.6	9.0	8.1	8.6	8.5	8.9	9.3
8H 4H	7.7	8.2	8.1	8.6	9.0	8.0	8.5	8.4	8.9	9.2
6H	7.8	8.2	8.2	8.6	9.0	8.0	8.5	8.5	8.9	9.3
8H	7.8	8.1	8.2	8.6	9.0	8.1	8.5	8.5	8.9	9.3
12H	7.8	8.1	8.2	8.5	9.0	8.1	8.4	8.6	8.9	9.3
12H 4H	7.7	8.2	8.1	8.5	8.9	8.0	8.4	8.4	8.8	9.2
6H	7.7	8.1	8.2	8.5	9.0	8.0	8.4	8.5	8.8	9.3
8H	7.7	8.1	8.2	8.5	9.0	8.0	8.4	8.5	8.8	9.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.3 / - 1.9					+ 1.2 / - 1.8				
1.5H	+ 1.6 / - 1.5					+ 1.6 / - 1.5				
2.0H	+ 2.7 / - 1.7					+ 2.6 / - 1.7				

CIE Pub.117, 1453 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.3)
 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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

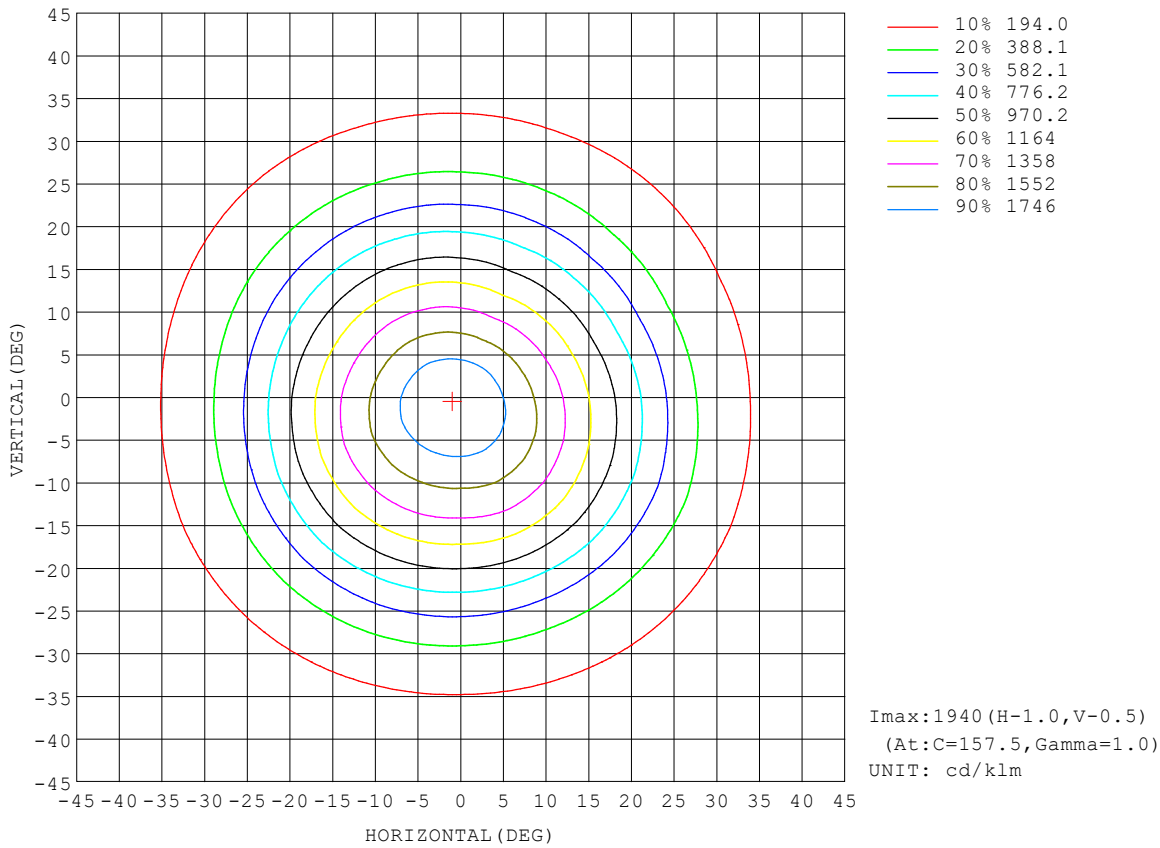
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	80	90	84	80	89	84	80	76
1.00	96	90	86	95	89	86	94	90	85	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	99	106	101	98	103	99	96	91
2.50	109	105	101	107	103	100	104	101	99	92
3.00	111	107	104	109	105	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

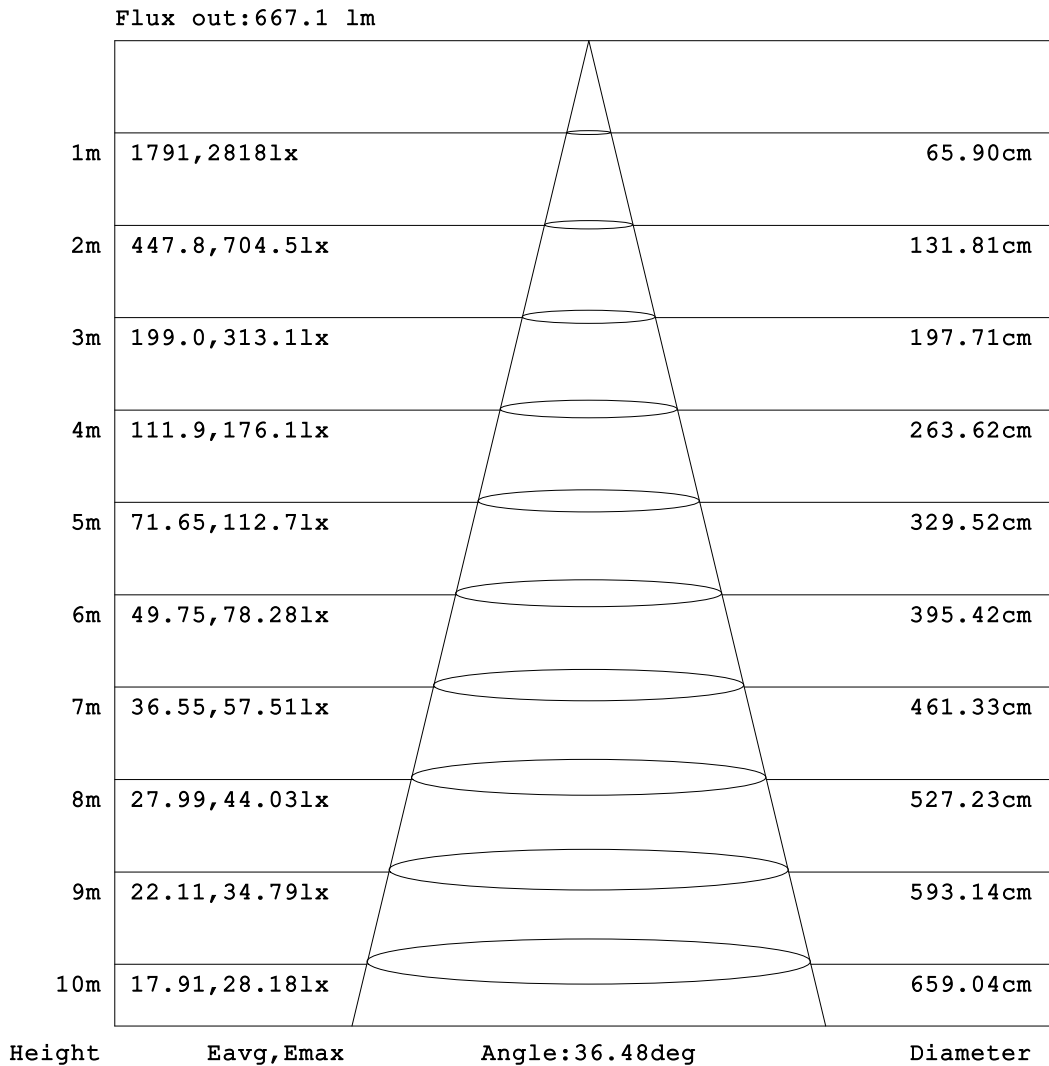


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-07-13

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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



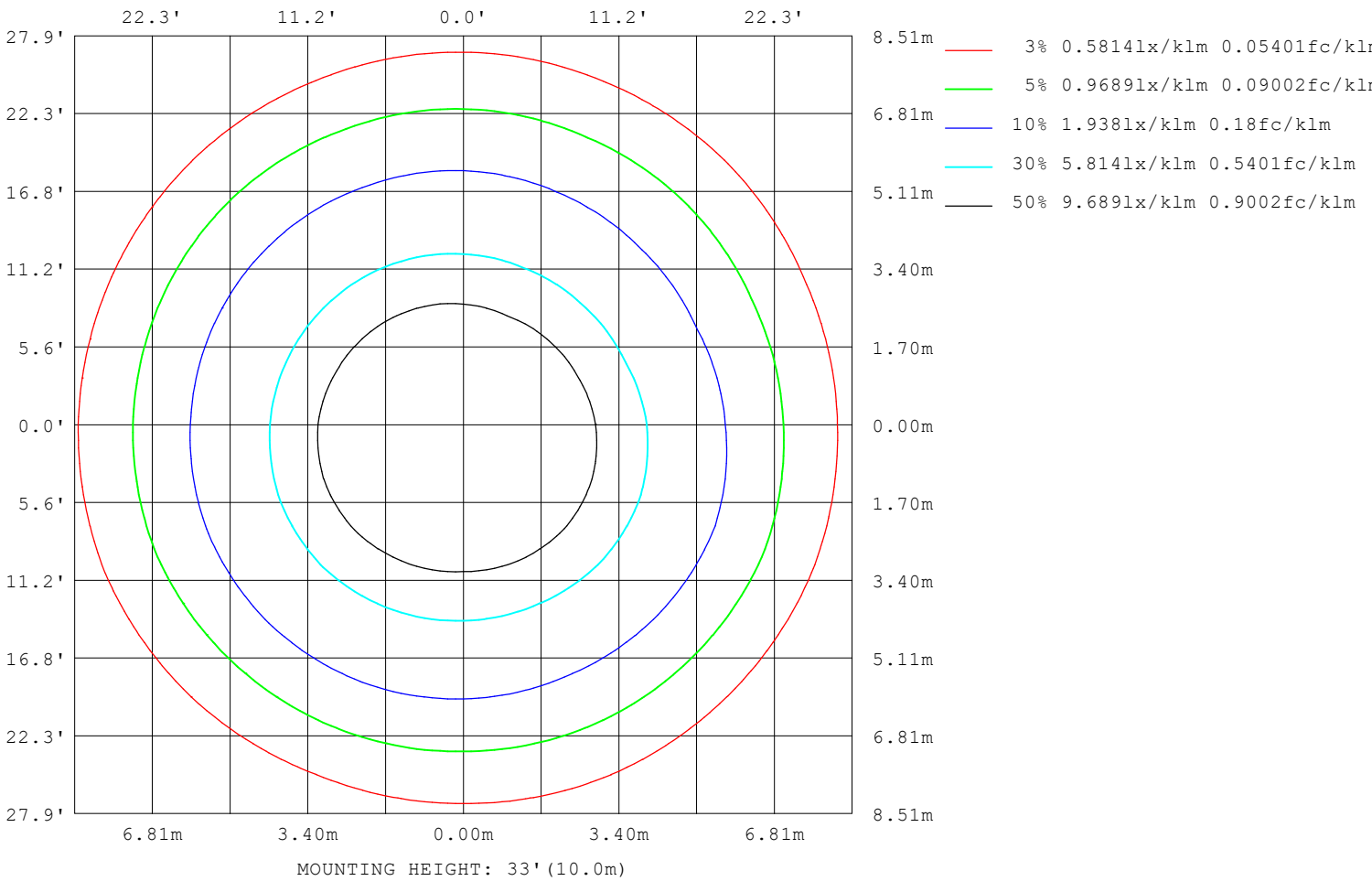
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-WH	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

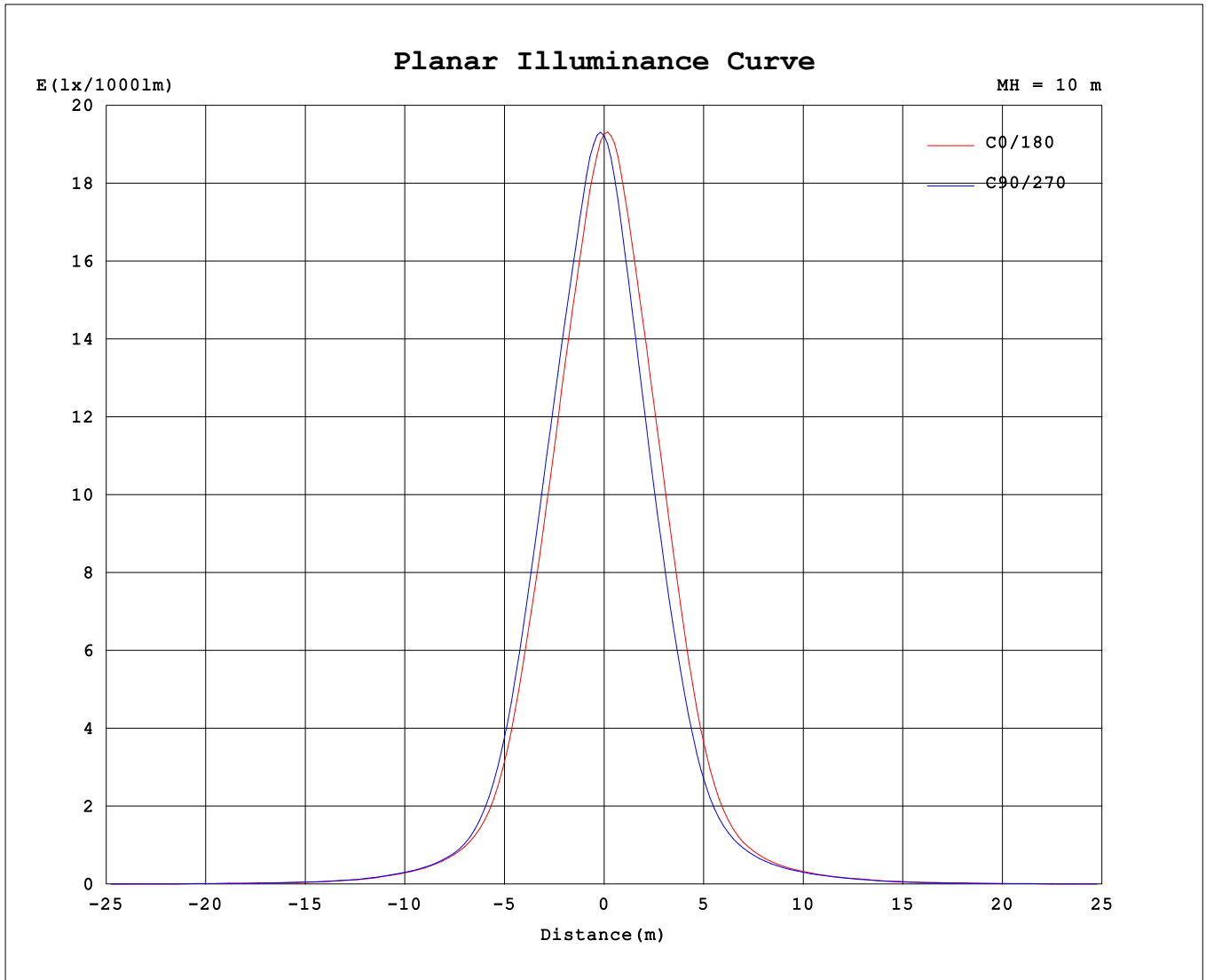
AvgL	cd/m2
L_0~180 (65) av	583
L_0~180 (75) av	280
L_0~180 (85) av	193
L_90~270 (65) av	584
L_90~270 (75) av	311
L_90~270 (85) av	256
L_45 (65) av	586
L_45 (75) av	308
L_45 (85) av	218

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:119.76V I:0.1432A P:16.937W PF:0.9875 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1452.6x1 lm		
NAME: ASD-CD-TGR-4D17AC-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	1926	1924	1924	1921	1922	1924	1928	1928	1926	1924	1924	1921	1922	1924	1928	1928			
5	1745	1781	1809	1831	1842	1851	1859	1863	1840	1806	1774	1736	1709	1696	1704	1719			
10	1474	1532	1572	1591	1587	1598	1616	1617	1586	1534	1485	1429	1390	1359	1382	1417			
15	1166	1234	1288	1312	1305	1328	1345	1340	1295	1224	1162	1104	1057	1025	1048	1093			
20	848	915	955	966	974	997	1017	1002	954	887	827	774	734	713	723	761			
25	528	595	610	611	626	647	659	646	606	562	514	478	451	436	430	455			
30	290	334	335	334	346	360	365	360	339	318	296	274	262	252	251	257			
35	176	188	189	189	190	195	200	203	196	189	182	173	169	164	167	167			
40	119	123	124	125	124	125	131	134	131	127	124	120	118	117	118	116			
45	83.7	85.0	85.3	86.9	87.2	88.5	91.5	93.8	93.1	91.2	89.7	87.5	87.5	86.9	86.1	84.2			
50	52.8	53.2	53.5	55.9	58.0	61.2	64.8	67.9	67.9	67.0	66.1	64.7	64.3	63.6	61.5	56.6			
55	33.9	34.4	34.8	35.6	36.3	38.0	42.4	44.3	45.0	44.2	43.4	41.4	39.6	38.3	37.4	34.3			
60	24.8	25.0	25.2	25.8	26.3	27.2	28.3	29.7	30.2	29.8	29.3	28.3	27.6	26.8	26.0	25.2			
65	16.7	16.7	16.9	17.4	17.9	18.7	19.7	20.7	21.0	20.8	21.0	20.4	19.9	19.1	18.3	17.3			
70	10.3	10.4	10.6	11.1	11.6	12.3	12.8	13.3	13.2	13.3	13.4	13.2	12.7	12.2	11.6	10.8			
75	4.53	4.62	4.85	5.20	5.64	6.23	6.63	6.73	6.55	6.74	7.11	6.90	6.66	6.32	5.80	4.84			
80	2.88	2.86	2.91	3.07	3.22	3.34	3.47	3.69	3.86	3.94	4.01	3.95	3.89	3.64	3.36	3.04			
85	0.91	0.97	1.08	1.31	1.48	1.53	1.56	1.64	1.66	1.71	1.85	1.90	1.93	1.65	1.33	1.01			
90	0.11	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			

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: