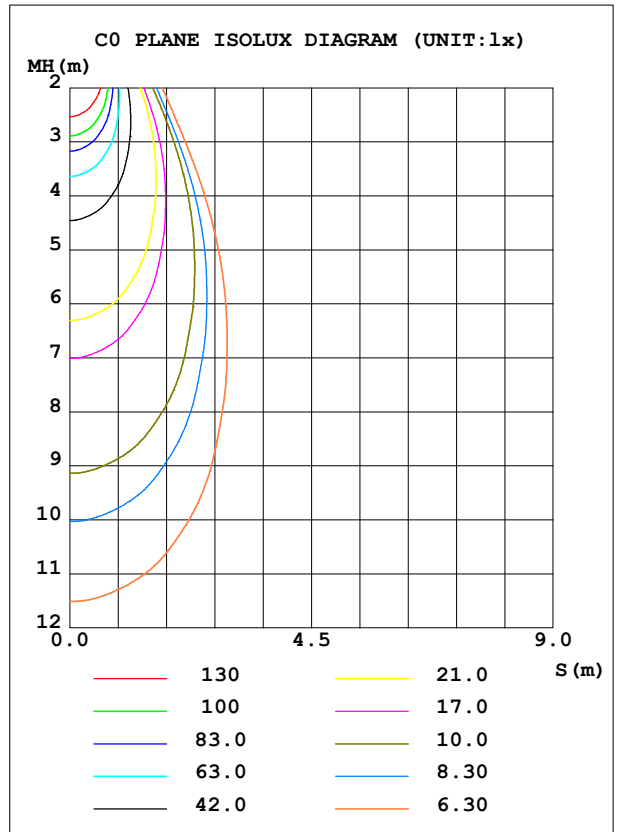
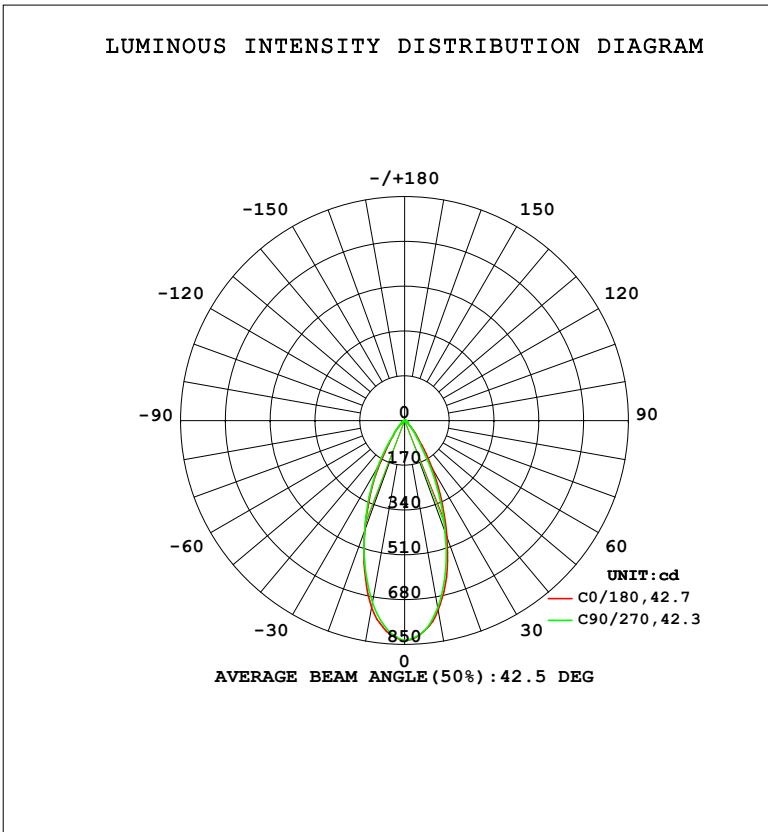


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	834.8	S/MH (C0/180)	0.67
NOMINAL POWER (W)	7	LOR (%)	100.0	S/MH (C90/270)	0.67
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	475.89	η UP, DN (C0-180)	0.0,49.5
NOMINAL FLUX (lm)	475.891	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.5
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: 2023-04-12

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:

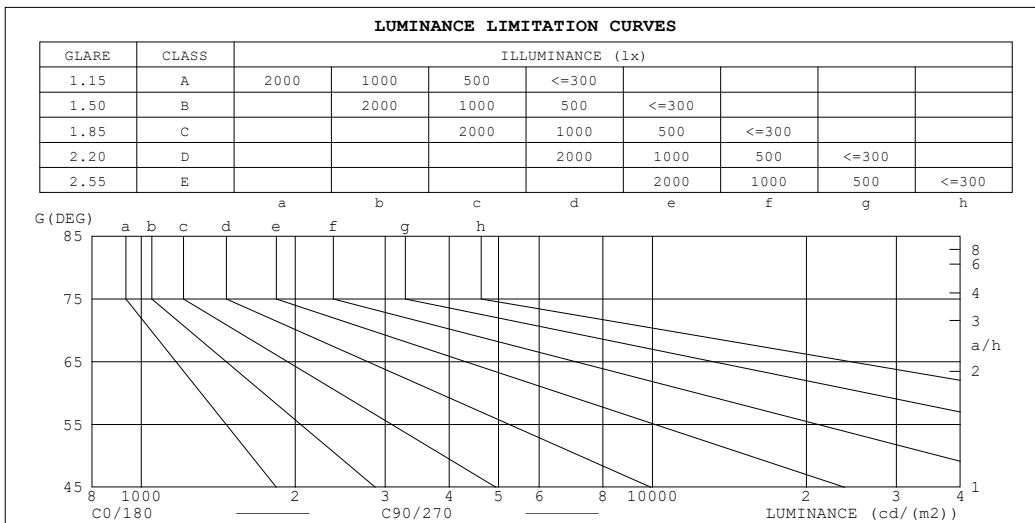
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	732.1	751.9	721.8	703.4	721.2	725.3	701.7	695.9	0- 10	73.88	73.88	15.5,15.5
20	468.9	465.6	450.5	431.2	443.4	442.9	446.4	454.4	10- 20	163.3	237.2	49.8,49.8
30	211.9	161.6	175.3	134.0	187.1	165.2	206.8	176.3	20- 30	137.5	374.7	78.7,78.7
40	62.60	37.58	51.43	33.76	54.85	41.28	58.38	41.73	30- 40	58.89	433.6	91.1,91.1
50	18.50	15.44	16.49	14.37	17.23	16.13	18.94	16.20	40- 50	20.79	454.4	95.5,95.5
60	9.459	8.703	8.874	8.248	9.069	8.788	9.530	8.830	50- 60	10.76	465.2	97.7,97.7
70	4.614	4.518	4.677	4.558	4.785	4.636	4.682	4.431	60- 70	6.590	471.7	99.1,99.1
80	1.741	1.783	1.825	1.847	1.877	1.847	1.797	1.696	70- 80	3.387	475.1	99.8,99.8
90	0.0260	0.0201	0.0234	0.0231	0.0298	0.0171	0.0164	0.0145	80- 90	0.7617	475.9	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:2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	20	72
80	90	95
75	106	109
70	121	123
65	147	141
60	170	160
55	201	185
50	259	231
45	418	340

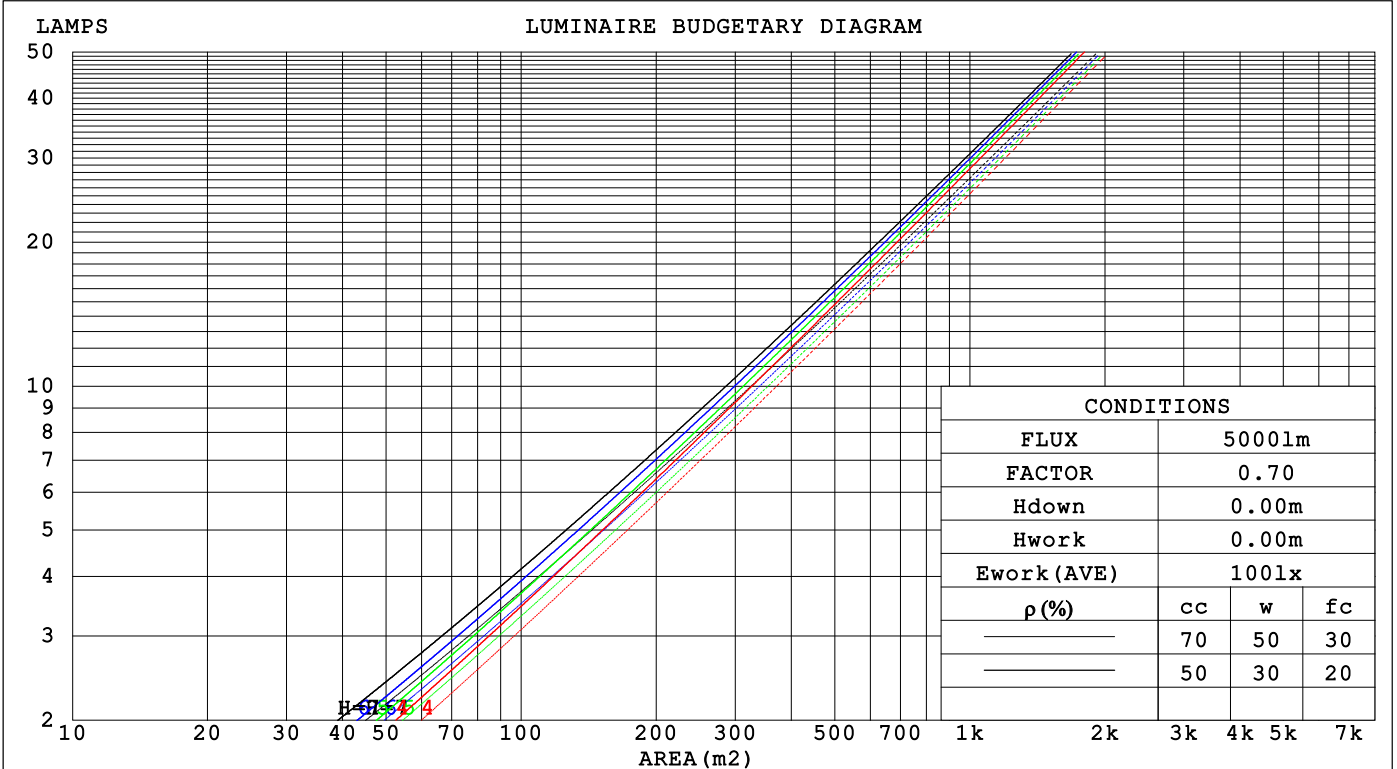
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 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	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94
2.0	1.03	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.91	.88	.85	.88	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.64	.61	.69	.64	.61	.68	.64	.60	.68	.63	.60	.67	.63	.60	.59
10.0	.67	.61	.58	.66	.61	.58	.65	.61	.57	.65	.60	.57	.64	.60	.57	.56



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 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	.176	.100	.032	.169	.096	.031	.156	.090	.029	.145	.083	.027	.134	.078	.025	
2.0	.166	.091	.028	.161	.089	.027	.150	.084	.026	.140	.079	.025	.131	.074	.023	
3.0	.157	.084	.025	.152	.082	.025	.143	.078	.024	.135	.074	.023	.127	.070	.022	
4.0	.148	.077	.023	.144	.076	.022	.137	.072	.022	.129	.070	.021	.123	.067	.020	
5.0	.141	.072	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	.118	.063	.019	
6.0	.134	.067	.019	.130	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	.110	.057	.017	
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.055	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.111	.053	.015	.109	.053	.015	.105	.052	.015	.102	.051	.014	.099	.050	.014	

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	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.113	.085	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009	
5.0	.123	.087	.061	.106	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 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	6.4	7.3	6.7	7.5	7.7	5.7	6.6	5.9	6.8	6.9
3H	6.7	7.5	7.0	7.7	7.9	6.1	6.9	6.3	7.1	7.3
4H	6.8	7.6	7.1	7.8	8.1	6.3	7.0	6.5	7.3	7.5
6H	6.9	7.6	7.2	7.9	8.1	6.4	7.1	6.7	7.3	7.6
8H	6.9	7.6	7.2	7.9	8.1	6.4	7.1	6.7	7.4	7.6
12H	6.9	7.6	7.2	7.8	8.1	6.4	7.1	6.7	7.3	7.6
4H 2H	6.4	7.2	6.7	7.4	7.6	5.8	6.5	6.0	6.8	7.0
3H	6.8	7.5	7.2	7.8	8.1	6.3	7.0	6.6	7.2	7.5
4H	7.0	7.7	7.4	8.0	8.3	6.6	7.2	6.9	7.5	7.8
6H	7.2	7.7	7.6	8.1	8.4	6.8	7.3	7.1	7.6	8.0
8H	7.2	7.7	7.6	8.1	8.4	6.8	7.3	7.2	7.7	8.0
12H	7.2	7.7	7.6	8.0	8.4	6.8	7.3	7.2	7.7	8.1
8H 4H	7.0	7.6	7.4	7.9	8.3	6.6	7.1	7.0	7.4	7.8
6H	7.3	7.7	7.7	8.1	8.5	6.9	7.3	7.3	7.7	8.1
8H	7.3	7.7	7.8	8.1	8.6	7.0	7.3	7.4	7.8	8.2
12H	7.3	7.6	7.8	8.1	8.5	7.0	7.4	7.5	7.8	8.3
12H 4H	7.0	7.5	7.4	7.9	8.2	6.6	7.0	7.0	7.4	7.8
6H	7.3	7.6	7.7	8.0	8.5	6.9	7.2	7.3	7.7	8.1
8H	7.3	7.7	7.8	8.1	8.6	7.0	7.3	7.5	7.7	8.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 2.2 / - 1.7	+ 1.7 / - 1.4
1.5H	+ 3.7 / - 1.5	+ 3.0 / - 1.1
2.0H	+ 2.6 / - 0.9	+ 1.7 / - 0.7

CIE Pub.117, 475.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)
 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:3.090m [K=1.0000]
Test Date:2023-04-12	Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

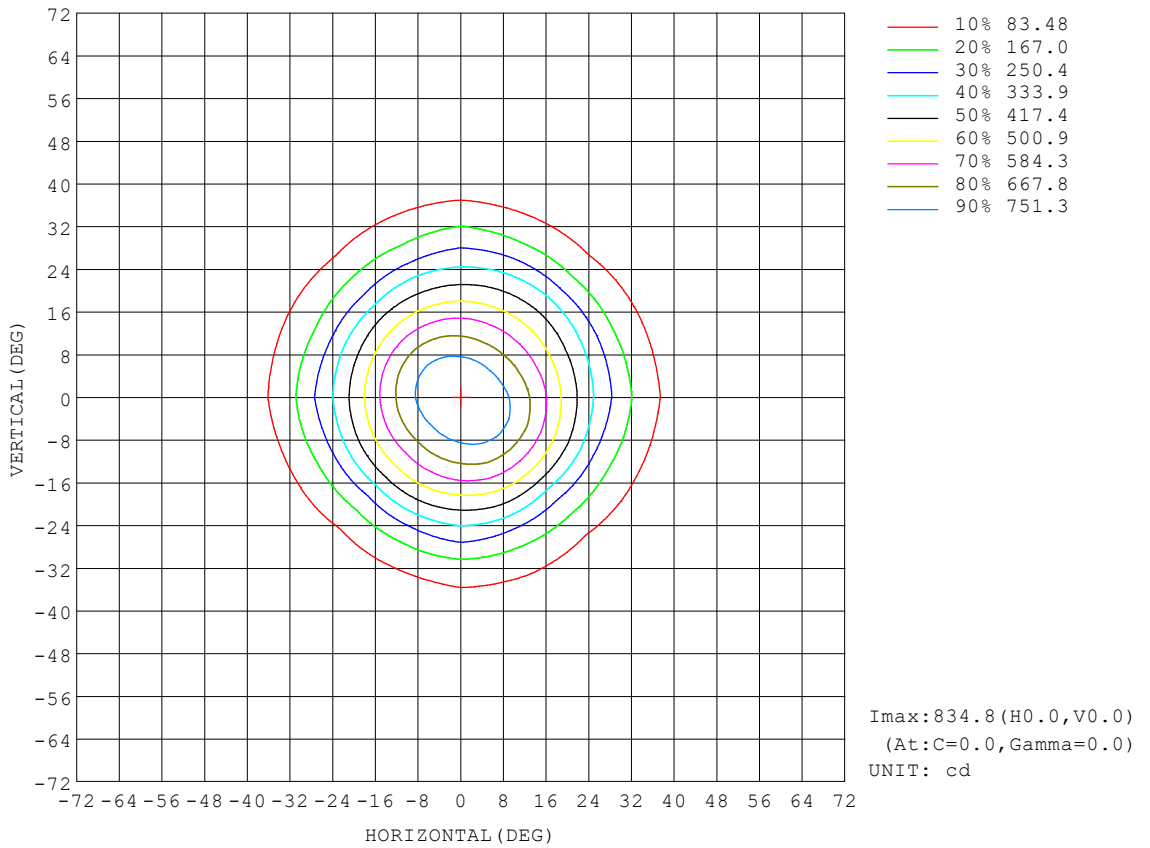
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	76	86	79	75	85	79	75	72
0.80	94	87	84	93	87	83	92	86	83	79
1.00	98	92	88	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	104	100	106	102	99	104	100	98	93
2.50	110	106	103	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	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: 2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

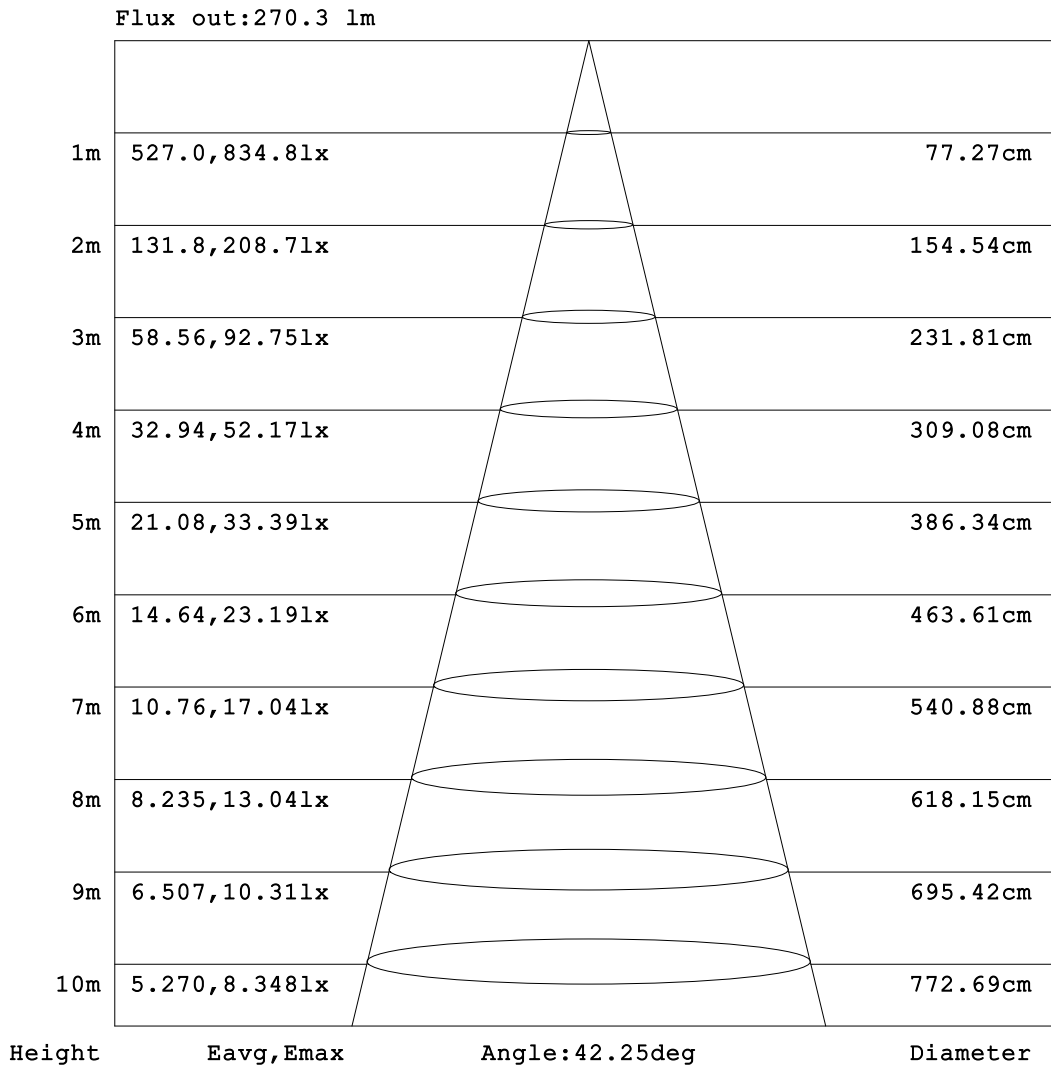


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz		
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



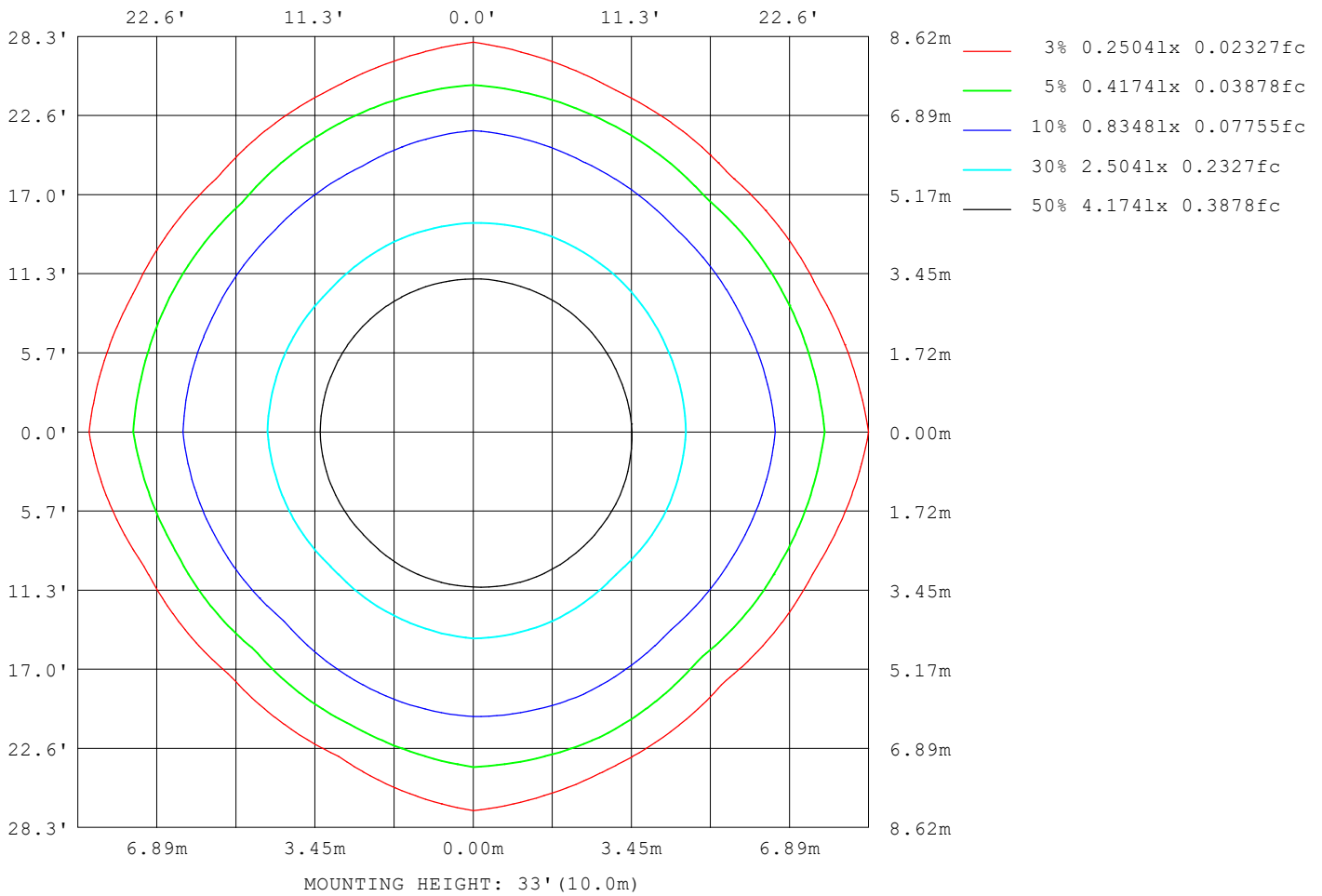
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 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:2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 90	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

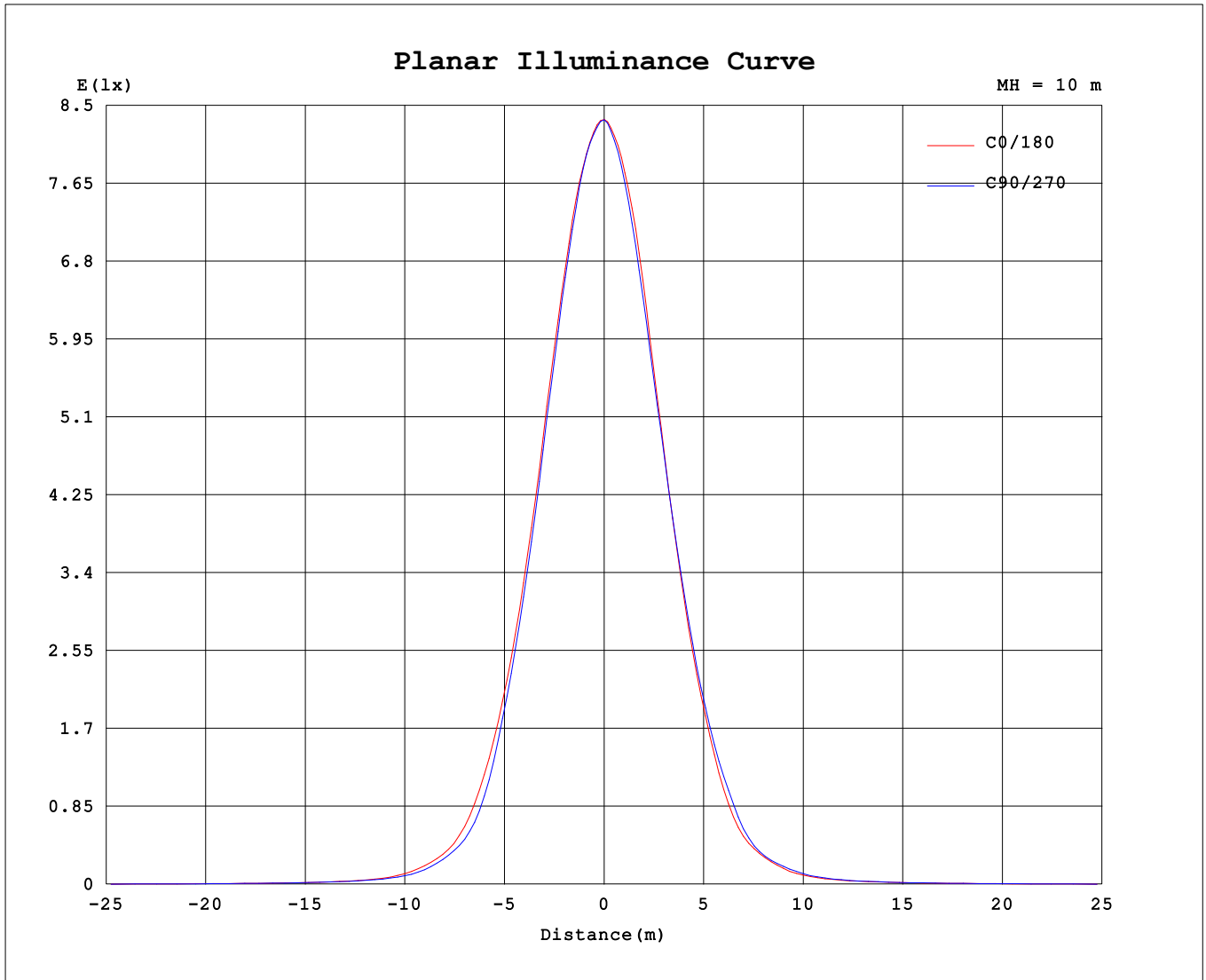
AvgL	cd/m2
L_0~180 (65) av	146
L_0~180 (75) av	109
L_0~180 (85) av	46
L_90~270 (65) av	144
L_90~270 (75) av	109
L_90~270 (85) av	70
L_45 (65) av	132
L_45 (75) av	106
L_45 (85) av	64

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-04-12

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: 2023-04-12

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:119.90V I:0.0641A P:7.3426W PF:0.9561 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:475.891x1 lm		
NAME: ASD-CD-PS-1D7AC-WH	TYPE:	WEIGHT:
SPEC.: 2700K 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	835	833	834	833	834	833	832	831	835	833	834	833	834	833	832	831			
5	807	816	818	812	806	797	793	796	802	804	802	799	792	788	792	797			
10	732	749	752	741	722	709	703	709	721	727	725	713	702	693	696	709			
15	615	626	622	616	600	584	573	579	589	593	592	584	580	575	578	590			
20	469	472	466	463	450	440	431	438	443	440	443	442	446	451	454	458			
25	332	312	284	297	309	278	255	280	308	295	284	306	319	324	326	326			
30	212	177	162	166	175	152	134	155	187	166	165	175	207	189	176	191			
35	115	93.4	74.6	87.7	89.7	70.6	61.7	73.7	95.8	90.1	80.8	95.9	110	98.3	86.8	101			
40	62.6	43.8	37.6	41.0	51.4	36.4	33.8	38.3	54.9	43.5	41.3	45.7	58.4	45.0	41.7	46.7			
45	32.9	24.4	22.2	23.7	26.7	22.0	20.5	22.8	28.5	24.8	23.7	25.8	32.6	25.9	24.3	26.1			
50	18.5	16.3	15.4	15.7	16.5	15.0	14.4	15.3	17.2	16.4	16.1	16.9	18.9	16.8	16.2	16.8			
55	12.8	11.9	11.0	11.6	11.8	11.0	10.4	11.1	12.1	11.9	11.3	12.2	12.9	12.2	11.5	12.2			
60	9.46	9.10	8.70	8.97	8.87	8.59	8.25	8.73	9.07	9.04	8.79	9.10	9.53	9.05	8.83	9.05			
65	6.91	6.59	6.18	6.65	6.62	6.48	6.20	6.61	6.78	6.66	6.30	6.70	6.94	6.59	6.07	6.59			
70	4.61	4.78	4.52	4.84	4.68	4.80	4.56	4.90	4.78	4.91	4.64	4.87	4.68	4.73	4.43	4.66			
75	3.06	3.23	3.05	3.28	3.15	3.28	3.11	3.35	3.22	3.33	3.14	3.29	3.13	3.18	2.95	3.10			
80	1.74	1.88	1.78	1.92	1.83	1.93	1.85	1.99	1.88	1.94	1.85	1.90	1.80	1.83	1.70	1.77			
85	0.20	0.32	0.58	0.76	0.69	0.76	0.75	0.76	0.69	0.68	0.73	0.73	0.67	0.68	0.40	0.18			
90	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.02			

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 C Interval: 22.5DEG
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 Remarks: