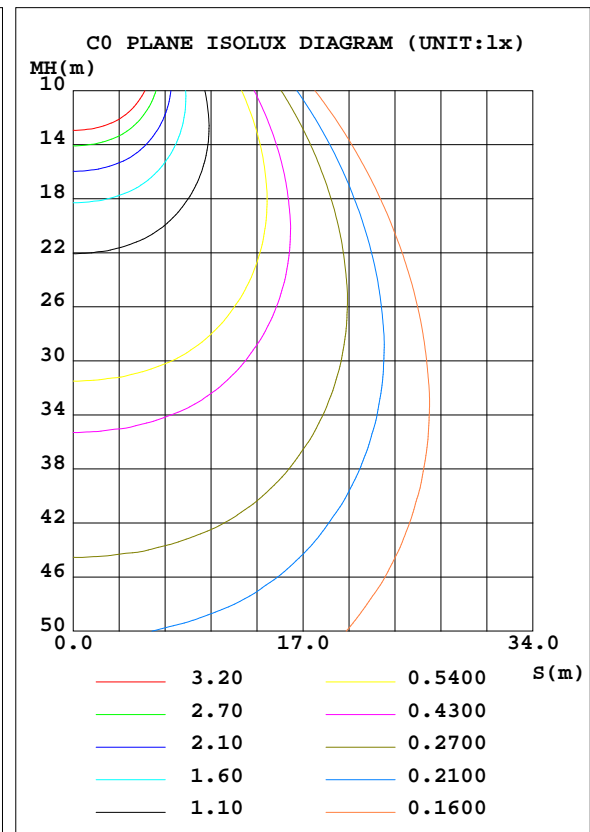
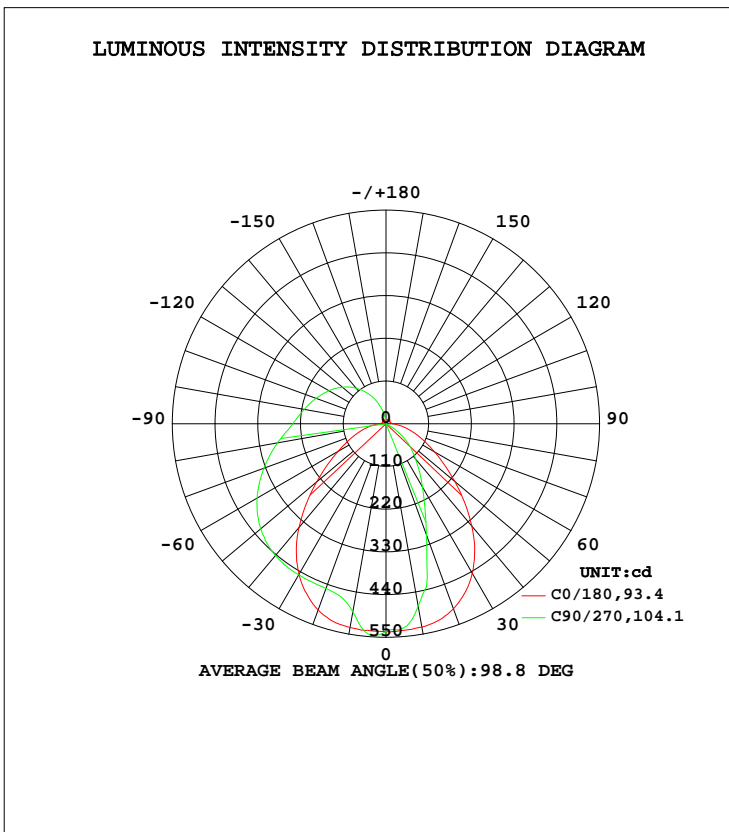


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70,22 lm/W			
MODEL ASD-LVF24M-6D35CC-BK 5000		I _{max} (cd)	546.3	S/MH(C0/180)	1.23
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.70
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2563	η UP, DN(C0-180)	20.9,57.0
NOMINAL FLUX(lm)	2563	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	0.6,21.4
LAMPS INSIDE	1	η up(%)	21.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	78.4	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

Carl Deng

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

Reviewed by : Henry He

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	532.9	524.4	492.0	525.0	531.3	513.1	477.2	511.3	0- 10	50.45	50.45	2.7,2.7
20	510.4	462.5	451.4	463.0	507.4	428.5	305.2	429.3	10- 20	135.1	185.6	9.94,9.94
30	447.7	443.7	449.4	445.5	444.3	271.9	187.9	274.5	20- 30	187.9	373.4	20,20
40	348.4	427.2	442.9	430.2	344.1	173.0	118.6	174.9	30- 40	216.0	589.5	31.6,31.6
50	233.2	405.3	421.1	408.3	231.3	105.9	68.04	107.5	40- 50	219.8	809.3	43.3,43.3
60	143.1	372.9	383.1	376.5	143.8	53.24	16.92	55.18	50- 60	204.9	1014	54.3,54.3
70	84.91	331.9	334.4	334.8	86.07	3.041	0.3774	4.471	60- 70	177.4	1192	63.8,63.8
80	44.67	284.9	283.4	287.5	45.19	0.3707	0.4123	0.4116	70- 80	149.4	1341	71.8,71.8
90	16.51	241.5	240.0	243.6	17.03	0.4136	0.4785	0.4734	80- 90	123.8	1465	78.4,78.4
100	10.88	213.1	213.9	214.6	13.05	0.4575	0.5315	0.5235	90-100	105.3	1570	84.1,84.1
110	10.07	185.7	191.7	186.9	11.76	0.3826	0.4421	0.4315	100-110	89.56	1660	88.8,88.8
120	9.211	158.8	170.2	159.9	10.90	0.3240	0.3632	0.3593	110-120	72.98	1733	92.8,92.8
130	11.56	130.6	146.8	131.6	13.11	0.3252	0.3626	0.3656	120-130	56.03	1789	95.8,95.8
140	12.64	100.6	119.6	101.5	14.37	0.3287	0.3573	0.3825	130-140	39.39	1828	97.9,97.9
150	14.48	69.27	88.15	70.01	13.89	0.3867	0.3958	0.4500	140-150	24.25	1852	99.2,99.2
160	9.052	38.32	53.07	37.98	9.109	1.747	0.4991	0.5708	150-160	11.88	1864	99.8,99.8
170	2.102	11.09	18.72	7.586	1.942	0.7720	0.6182	1.026	160-170	3.521	1868	100,100
180	2.031	1.941	1.070	1.986	2.083	2.103	2.092	2.029	170-180	0.3029	1868	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 700.18 lm

%lum = 37.5%

%lamp = 37.5%

Conical surface Flux(120deg): 1014.2 lm

%lum = 54.3%

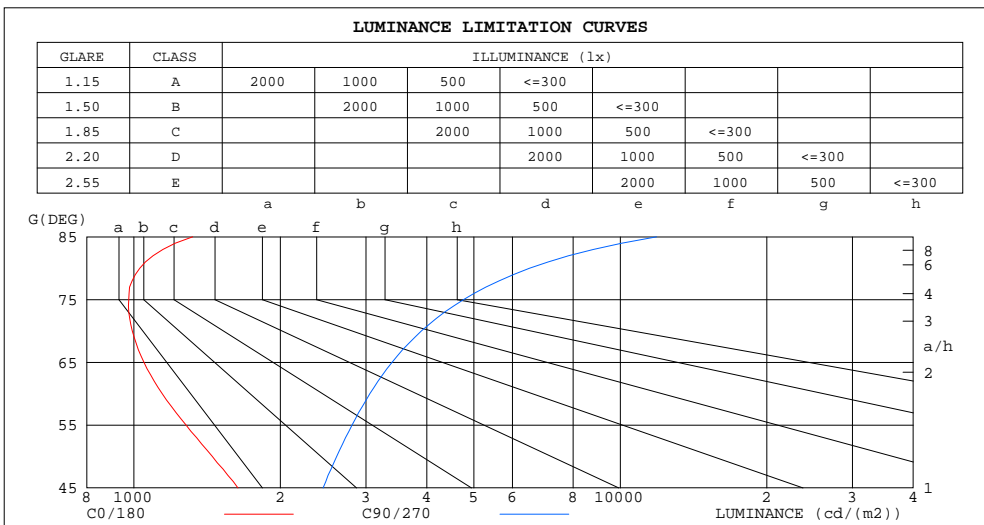
%lamp = 54.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1320	11867
80	1028	6508
75	976	4761
70	992	3900
65	1049	3395
60	1144	3055
55	1280	2808
50	1450	2613
45	1637	2449

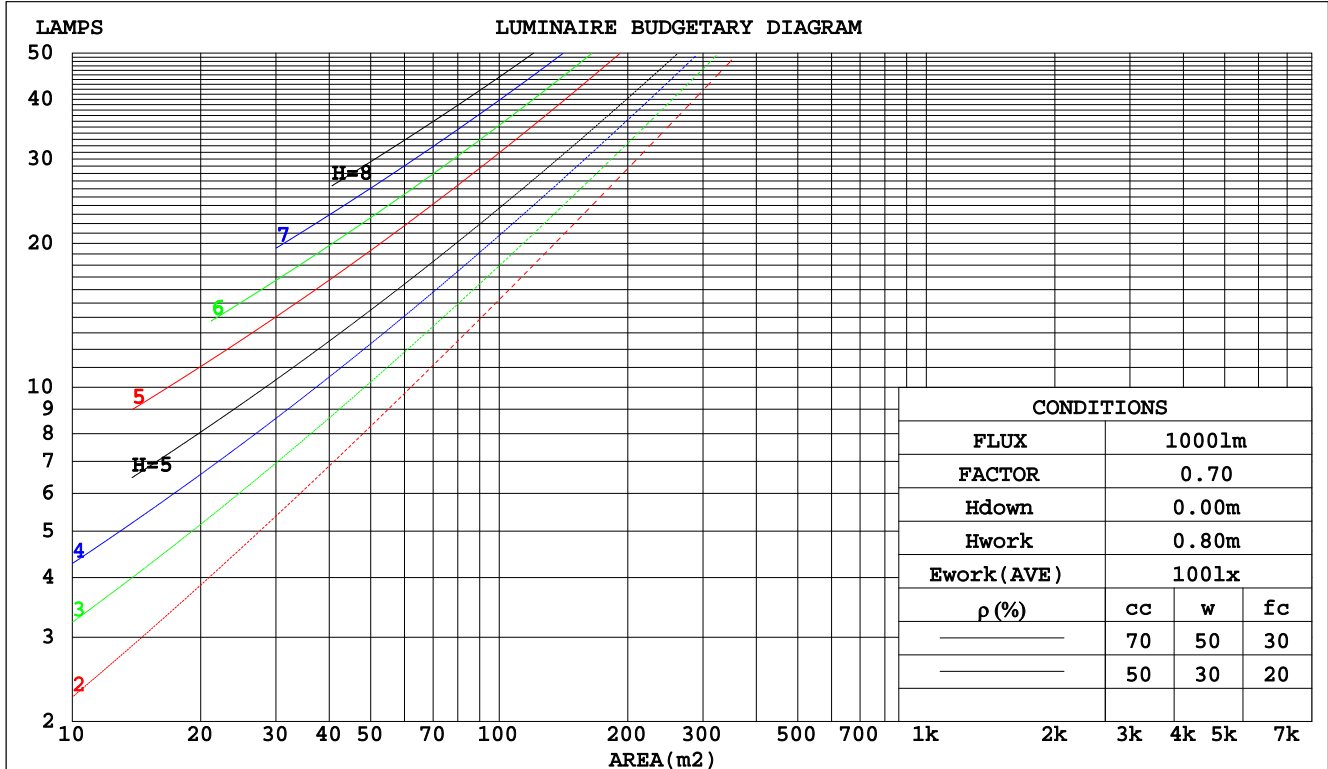
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.14	1.14	1.14	1.09	1.09	1.09	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.96	.91	.86	.92	.87	.83	.83	.80	.76	.76	.73	.70	.69	.66	.64	.61
2.0	.83	.75	.69	.79	.72	.67	.72	.67	.62	.65	.61	.57	.59	.56	.53	.49
3.0	.72	.64	.57	.69	.61	.55	.63	.57	.51	.57	.52	.48	.52	.48	.44	.41
4.0	.64	.55	.48	.61	.53	.47	.56	.49	.44	.51	.45	.41	.47	.42	.38	.35
5.0	.57	.48	.41	.55	.46	.40	.50	.43	.38	.46	.40	.35	.42	.37	.33	.30
6.0	.51	.42	.36	.49	.41	.35	.45	.38	.33	.42	.36	.31	.38	.33	.29	.27
7.0	.47	.38	.32	.45	.37	.31	.41	.34	.29	.38	.32	.28	.35	.30	.26	.24
8.0	.42	.34	.28	.41	.33	.28	.38	.31	.26	.35	.29	.25	.32	.27	.23	.21
9.0	.39	.31	.25	.38	.30	.25	.35	.28	.23	.32	.26	.22	.30	.25	.21	.19
10.0	.36	.28	.23	.35	.27	.22	.32	.26	.21	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.362	.206	.065	.348	.199	.063	.322	.185	.059	.299	.172	.055	.277	.161	.052	
2.0	.315	.173	.053	.302	.167	.051	.279	.155	.048	.258	.145	.045	.238	.135	.042	
3.0	.281	.150	.045	.270	.144	.043	.249	.135	.041	.229	.126	.039	.211	.117	.036	
4.0	.254	.132	.039	.244	.128	.038	.225	.119	.036	.207	.111	.034	.190	.103	.032	
5.0	.232	.118	.034	.222	.114	.033	.205	.107	.031	.189	.100	.030	.174	.093	.028	
6.0	.213	.107	.031	.205	.103	.030	.189	.097	.028	.174	.090	.027	.160	.084	.025	
7.0	.197	.097	.028	.189	.094	.027	.175	.088	.025	.161	.083	.024	.148	.077	.023	
8.0	.183	.089	.025	.176	.087	.024	.163	.081	.023	.150	.076	.022	.138	.071	.021	
9.0	.171	.083	.023	.164	.080	.022	.152	.075	.021	.140	.070	.020	.129	.066	.019	
10.0	.160	.077	.021	.154	.075	.021	.143	.070	.020	.132	.066	.019	.122	.061	.018	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.355	.355	.355	.303	.303	.303	.207	.207	.207	.119	.119	.119	.038	.038	.038	
1.0	.350	.321	.296	.299	.276	.255	.205	.190	.176	.118	.110	.102	.038	.035	.033	
2.0	.342	.299	.262	.293	.257	.227	.201	.178	.158	.116	.103	.093	.037	.033	.030	
3.0	.334	.282	.241	.287	.243	.209	.197	.169	.146	.114	.099	.086	.037	.032	.028	
4.0	.327	.270	.226	.280	.233	.196	.193	.162	.138	.111	.095	.082	.036	.031	.027	
5.0	.319	.260	.216	.274	.225	.188	.189	.157	.133	.109	.092	.079	.035	.030	.026	
6.0	.312	.252	.209	.268	.218	.182	.185	.153	.129	.107	.090	.077	.035	.029	.025	
7.0	.305	.245	.204	.262	.213	.177	.181	.149	.126	.105	.088	.075	.034	.029	.025	
8.0	.298	.240	.199	.257	.208	.174	.178	.146	.123	.103	.086	.074	.033	.028	.024	
9.0	.292	.235	.196	.252	.204	.171	.174	.143	.122	.102	.085	.072	.033	.028	.024	
10.0	.287	.231	.194	.247	.200	.169	.171	.141	.120	.100	.083	.072	.032	.027	.024	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm										
NAME: LED luminaires					TYPE:N/A			WEIGHT:N/A		
SPEC.:ASD-LVF24M-6D35CC-BK 5000K					DIM.: N/A			SERIAL No.:N/A		
MFR.: ASD Lighting corp					SUR.:N/A			Shielding Angle:N/A		
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	14.8	16.0	15.3	16.6	17.2	16.9	18.2	17.5	18.8	19.4
3H	16.4	17.5	16.9	18.1	18.8	19.6	20.8	20.2	21.4	22.0
4H	17.1	18.2	17.7	18.8	19.4	21.1	22.2	21.7	22.8	23.5
6H	17.6	18.7	18.2	19.3	20.0	22.6	23.7	23.3	24.3	25.0
8H	17.8	18.9	18.5	19.5	20.2	23.5	24.5	24.1	25.1	25.9
12H	18.0	19.0	18.7	19.6	20.4	24.5	25.5	25.1	26.1	26.8
4H 2H	16.3	17.4	16.9	18.0	18.7	17.7	18.8	18.3	19.4	20.1
3H	18.5	19.4	19.1	20.1	20.8	20.6	21.6	21.3	22.3	23.0
4H	19.5	20.4	20.2	21.1	21.9	22.3	23.2	22.9	23.8	24.6
6H	20.5	21.3	21.2	21.9	22.8	24.0	24.8	24.7	25.5	26.3
8H	20.8	21.6	21.5	22.3	23.1	25.0	25.8	25.7	26.5	27.3
12H	21.1	21.8	21.9	22.5	23.4	26.1	26.8	26.8	27.5	28.4
8H 4H	20.8	21.6	21.5	22.3	23.1	22.8	23.6	23.5	24.3	25.1
6H	22.3	23.0	23.1	23.7	24.5	24.9	25.5	25.7	26.3	27.1
8H	23.1	23.6	23.8	24.4	25.3	26.1	26.7	26.9	27.4	28.3
12H	23.7	24.2	24.5	25.0	25.9	27.5	27.9	28.2	28.7	29.6
12H 4H	21.1	21.8	21.9	22.5	23.4	22.9	23.6	23.6	24.3	25.2
6H	22.9	23.5	23.7	24.2	25.1	25.2	25.7	25.9	26.5	27.3
8H	23.9	24.4	24.6	25.1	26.0	26.5	27.0	27.2	27.7	28.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1868 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

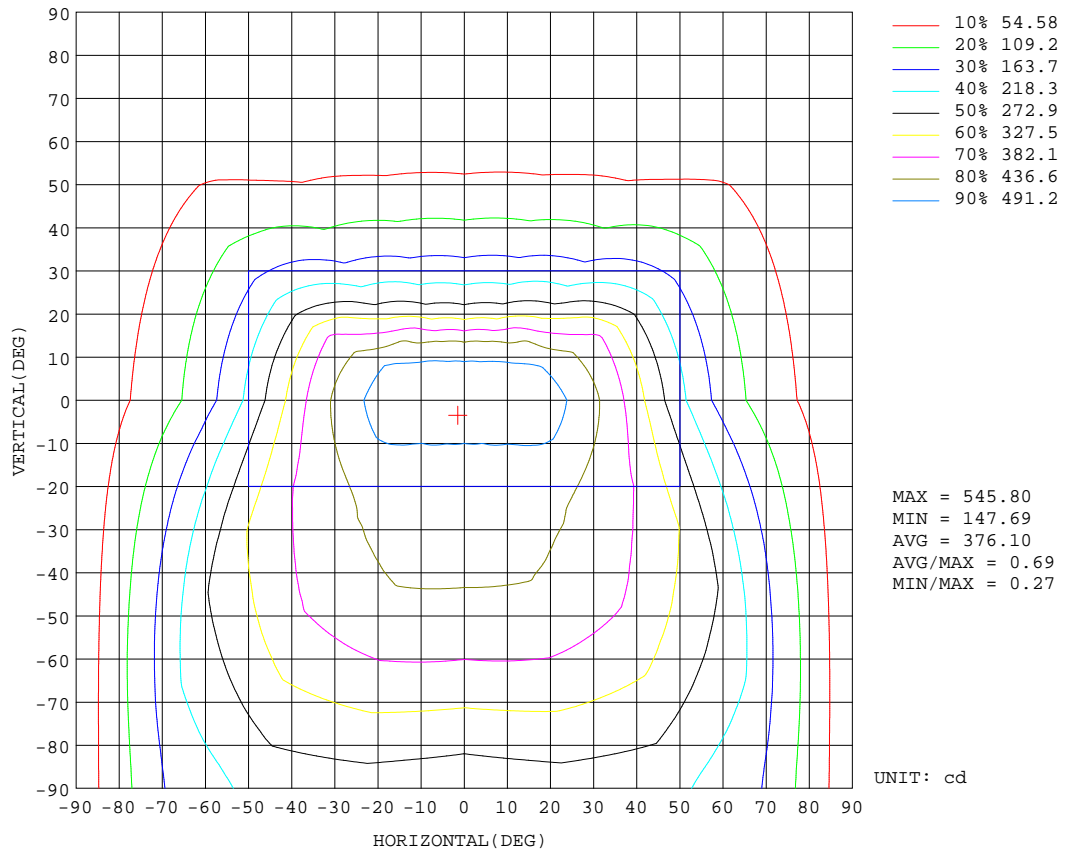
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	49	37	30	48	37	30	46	36	30	23
0.80	58	46	38	57	45	38	54	43	37	29
1.00	66	54	46	64	52	45	60	52	43	35
1.25	73	61	52	70	59	51	66	56	50	40
1.50	78	66	58	75	64	57	70	61	54	44
2.00	85	74	66	81	72	64	75	67	61	49
2.50	89	79	71	85	76	70	79	71	66	52
3.00	92	84	76	89	81	74	81	75	70	56
4.00	97	89	83	93	86	80	85	80	75	60
5.00	100	93	88	95	90	84	87	83	79	63
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:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

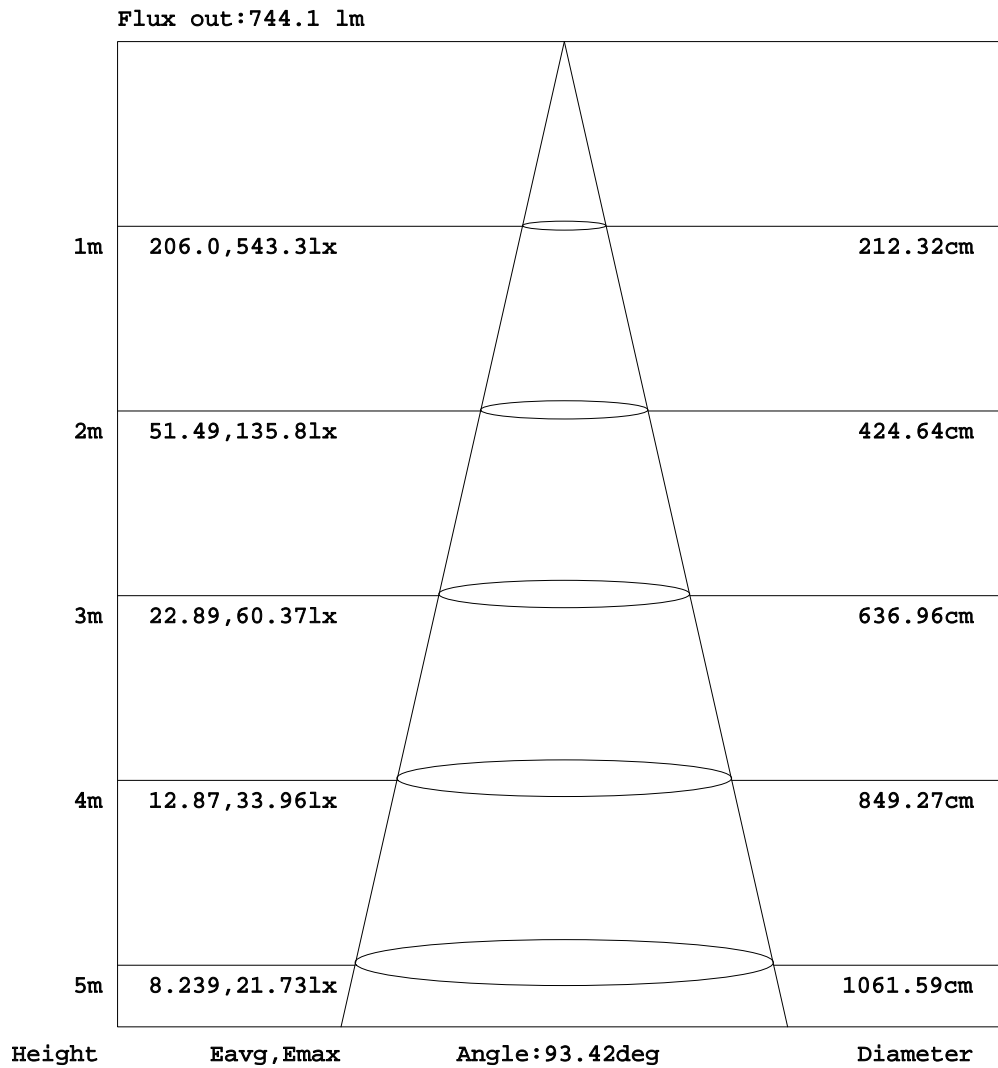


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



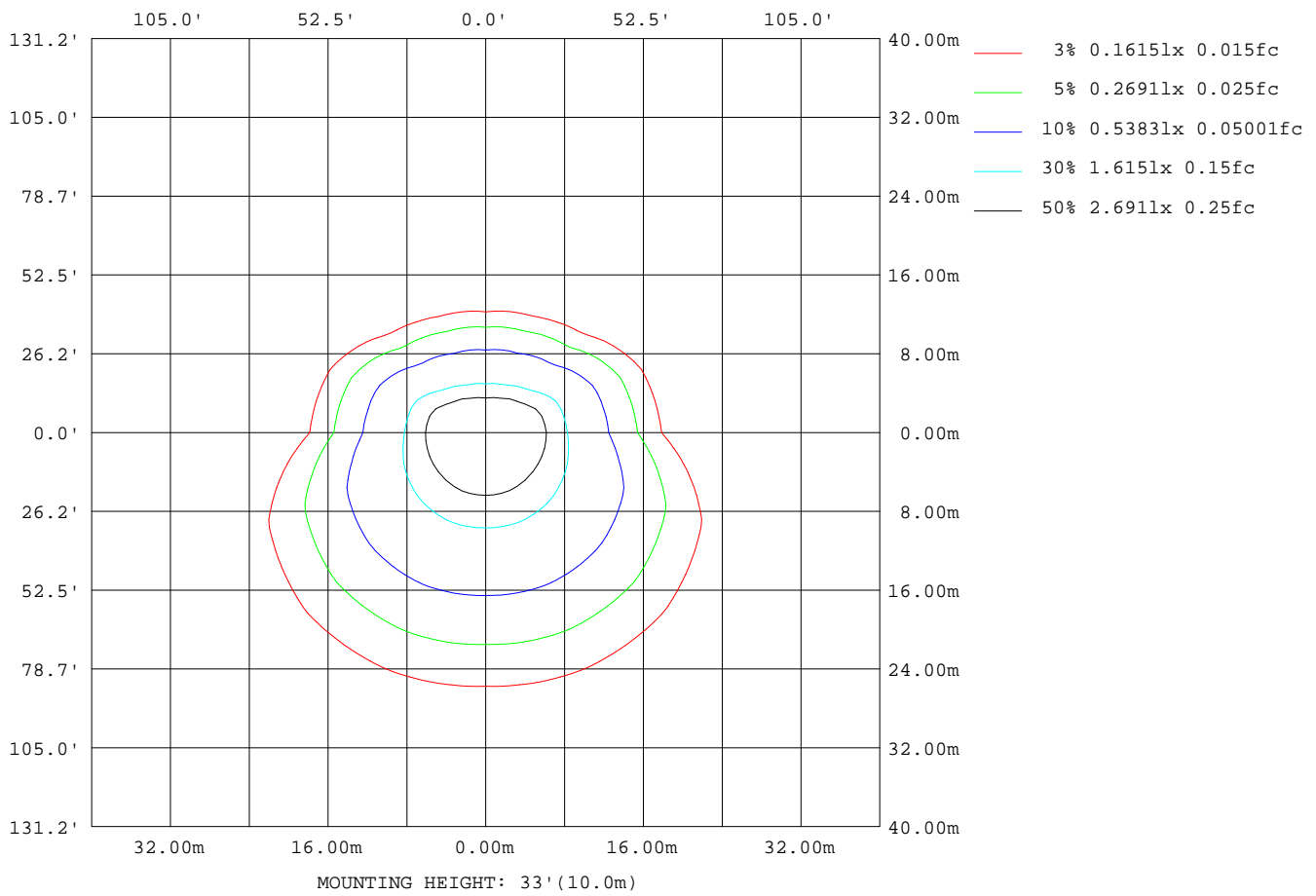
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Carl
 Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

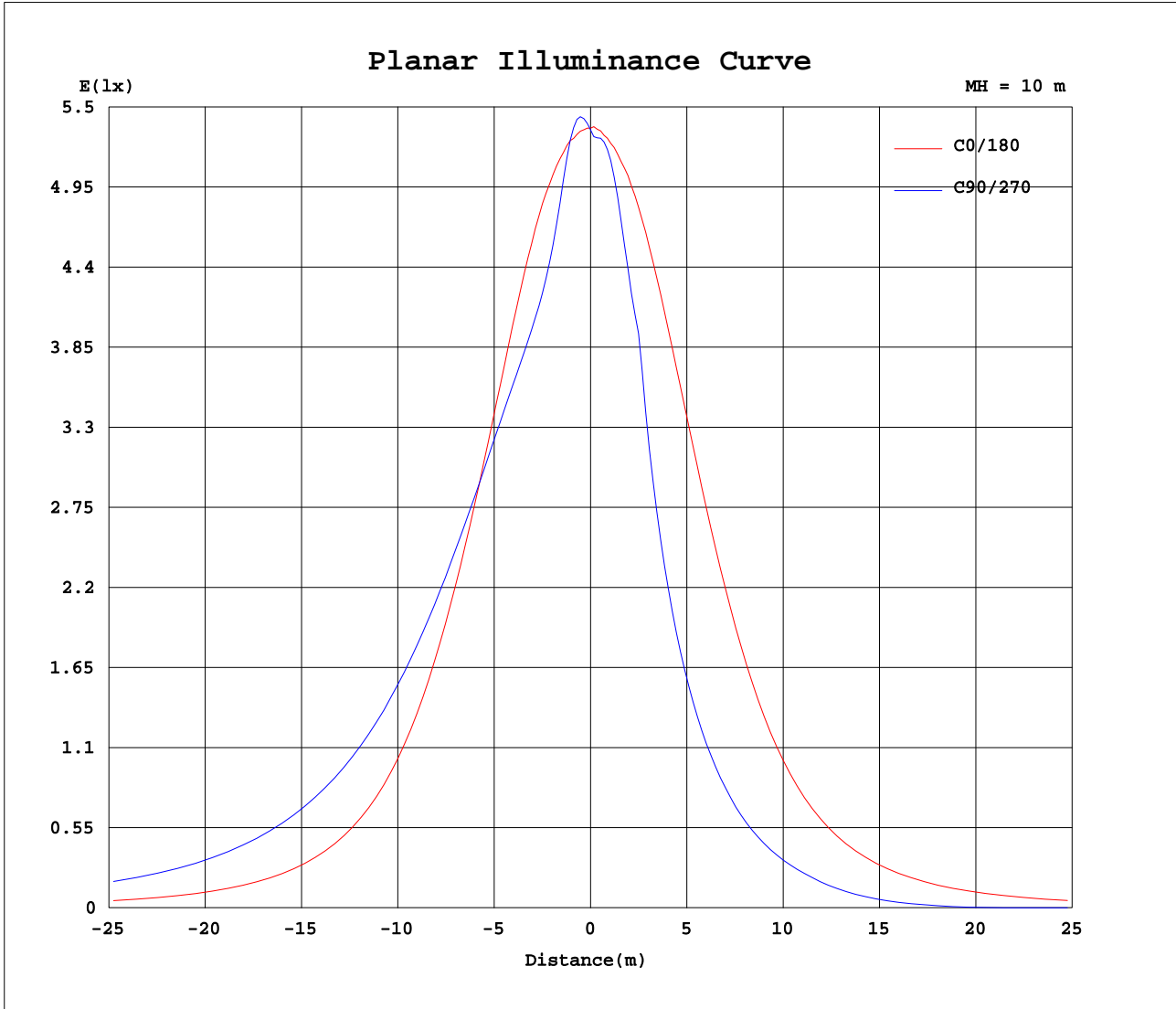
AvgL	cd/m2
L_0~180(65)av	1052
L_0~180(75)av	980
L_0~180(85)av	1318
L_90~270(65)av	1706
L_90~270(75)av	2387
L_90~270(85)av	5952
L_45(65)av	1801
L_45(75)av	2395
L_45(85)av	6023

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Carl
Test Date:2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.532m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Carl
 Test Date: 2022-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.3103A P:36.50W PF:0.9798 Lamp Flux:2563x1 lm		
NAME: LED luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF24M-6D35CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

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	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535	535			
5	534	542	545	543	543	544	545	542	534	528	530	528	527	529	530	529			
10	533	543	524	500	492	500	525	542	531	528	513	487	477	487	511	527			
15	527	532	486	463	459	464	485	530	524	517	469	434	411	434	468	515			
20	510	507	463	453	451	453	463	504	507	492	429	331	305	332	429	488			
25	483	475	451	450	450	452	453	472	481	456	339	258	237	259	342	453			
30	448	446	444	449	449	450	446	445	444	420	272	205	188	206	274	418			
35	403	420	436	447	448	449	438	421	399	375	217	164	150	165	219	378			
40	348	396	427	443	443	445	430	398	344	310	173	130	119	131	175	313			
45	289	374	417	435	434	437	421	377	286	253	136	102	93.0	103	138	255			
50	233	353	405	424	421	426	408	355	231	201	106	78.3	68.0	79.0	108	203			
55	184	331	390	408	404	411	394	334	184	158	80.1	50.4	40.5	51.2	81.4	159			
60	143	309	373	390	383	392	377	312	144	121	53.2	24.1	16.9	25.0	55.2	122			
65	111	286	353	368	360	370	357	289	112	92.3	25.2	3.55	1.24	4.24	27.1	91.9			
70	84.9	264	332	345	334	345	335	267	86.1	66.7	3.04	0.36	0.38	0.39	4.47	66.2			
75	63.2	240	309	320	309	321	311	244	63.9	37.3	0.36	0.38	0.39	0.40	0.40	37.5			
80	44.7	217	285	295	283	296	288	220	45.2	19.9	0.37	0.40	0.41	0.42	0.41	18.3			
85	28.8	193	261	271	259	271	264	196	28.7	18.2	0.40	0.44	0.45	0.46	0.44	16.8			
90	16.5	174	242	251	240	252	244	177	17.0	16.7	0.41	0.46	0.48	0.48	0.47	15.4			
95	13.9	162	227	237	226	237	229	165	14.6	15.6	0.44	0.50	0.52	0.52	0.51	14.4			
100	10.9	150	213	223	214	223	215	153	13.0	14.4	0.46	0.51	0.53	0.53	0.52	13.3			
105	10.3	138	199	211	202	211	201	141	12.3	13.2	0.42	0.46	0.49	0.49	0.48	12.1			
110	10.1	127	186	198	192	198	187	130	11.8	11.6	0.38	0.42	0.44	0.44	0.43	10.9			
115	9.54	116	173	186	181	186	173	119	11.0	9.55	0.35	0.39	0.40	0.40	0.39	9.13			
120	9.21	106	159	174	170	174	160	108	10.9	7.51	0.32	0.35	0.36	0.37	0.36	7.28			
125	10.3	95.1	145	161	159	161	146	97.0	12.0	5.66	0.32	0.35	0.36	0.37	0.36	5.58			
130	11.6	84.3	131	147	147	147	132	85.3	13.1	3.98	0.33	0.35	0.36	0.37	0.37	4.00			
135	12.5	73.3	116	133	134	133	117	73.7	13.7	2.48	0.33	0.35	0.36	0.37	0.37	2.62			
140	12.6	62.0	101	117	120	118	102	62.8	14.4	1.65	0.33	0.34	0.36	0.37	0.38	1.65			
145	13.9	50.7	85.0	101	104	101	85.8	51.4	14.5	2.09	0.35	0.35	0.37	0.39	0.41	1.23			
150	14.5	40.2	69.3	84.2	88.1	84.6	70.0	40.4	13.9	3.90	0.39	0.38	0.40	0.42	0.45	0.97			
155	11.4	29.9	53.5	66.9	71.1	67.3	49.4	31.1	11.9	6.05	0.76	0.44	0.45	0.48	0.52	1.20			
160	9.05	20.2	38.3	49.4	53.1	49.7	38.0	20.5	9.11	4.73	1.75	0.52	0.50	0.52	0.57	1.28			
165	3.96	11.4	24.0	32.5	35.6	32.7	22.2	9.51	4.51	3.44	1.84	0.67	0.58	0.57	0.71	1.42			
170	2.10	3.04	11.1	16.6	18.7	16.1	7.59	2.66	1.94	1.93	0.77	0.58	0.62	0.76	1.03	1.34			
175	2.08	2.20	2.43	4.43	4.67	2.21	2.36	2.00	1.79	1.80	1.63	1.46	0.90	1.41	1.63	1.58			
180	2.03	2.34	1.94	2.13	1.07	2.48	1.99	2.35	2.08	2.08	2.10	2.13	2.09	1.52	2.03	2.12			

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 C Interval: 22.5DEG
 Test Speed: HIGH
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