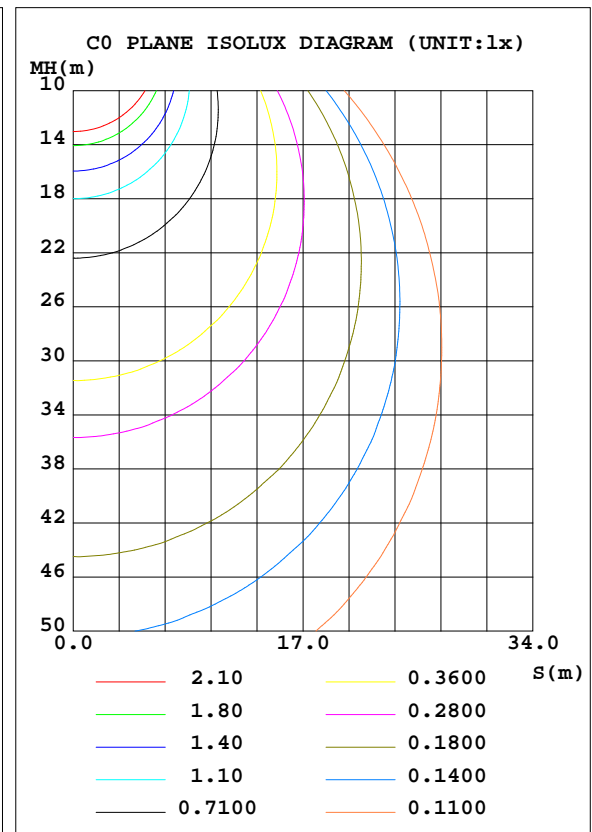
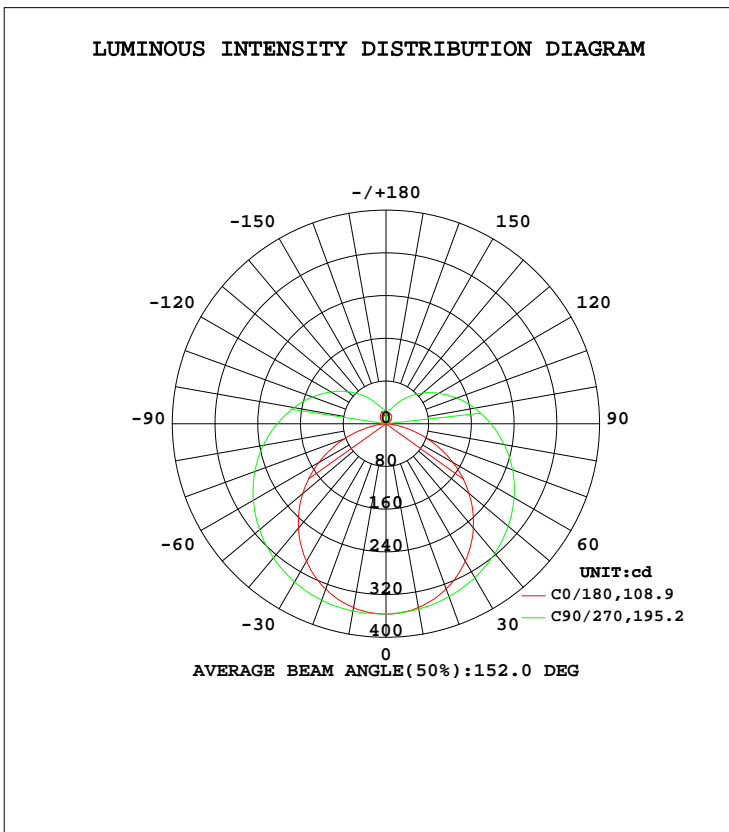


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.5 lm/W			
MODEL ASD-LVF22-18D20CC-NK 5000K		Imax(cd)	357.1	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.41
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1650	η UP, DN(C0-180)	11.8, 39.1
NOMINAL FLUX(lm)	1650	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	11.2, 37.9
LAMPS INSIDE	1	η up(%)	23.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	77.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [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	349.3	353.5	356.2	353.5	349.2	350.1	352.4	349.8	0- 10	33.80	33.80	1.84,1.84
20	329.3	341.4	351.6	342.2	328.9	336.7	344.5	335.6	10- 20	97.95	131.8	7.17,7.17
30	297.4	321.7	342.2	322.2	297.0	315.3	332.9	313.8	20- 30	152.1	283.8	15.4,15.4
40	254.9	295.3	327.7	295.8	254.4	287.6	317.1	285.7	30- 40	190.9	474.8	25.8,25.8
50	203.4	263.5	308.8	263.6	202.8	255.9	298.3	253.2	40- 50	211.5	686.3	37.3,37.3
60	145.0	229.3	286.8	229.2	144.6	223.3	277.1	220.2	50- 60	213.5	899.8	49,49
70	83.22	196.0	261.3	195.5	82.77	190.6	252.3	187.2	60- 70	199.1	1099	59.8,59.8
80	26.04	164.0	233.3	163.1	26.31	159.0	224.6	155.4	70- 80	173.1	1272	69.2,69.2
90	0.4717	134.8	203.8	133.7	0.4197	129.8	196.3	126.4	80- 90	143.0	1415	77,77
100	1.938	110.5	174.8	109.4	1.862	106.7	168.9	103.6	90-100	117.4	1532	83.4,83.4
110	5.173	89.85	146.6	88.93	5.055	86.84	141.3	84.27	100-110	94.57	1627	88.5,88.5
120	9.588	72.31	119.2	71.58	8.994	69.91	114.3	67.96	110-120	73.16	1700	92.5,92.5
130	13.29	56.78	93.63	56.16	12.79	54.60	89.74	53.27	120-130	53.75	1754	95.5,95.5
140	17.08	44.05	70.23	43.57	16.91	40.81	66.43	41.32	130-140	36.96	1791	97.5,97.5
150	19.93	35.07	49.64	34.10	19.41	28.48	46.08	32.89	140-150	23.65	1815	98.8,98.8
160	23.92	28.93	35.44	28.25	21.40	22.87	30.28	28.17	150-160	13.95	1829	99.5,99.5
170	15.62	24.04	28.07	21.46	14.95	16.21	24.67	26.75	160-170	7.245	1836	99.9,99.9
180	23.38	16.15	0.8893	15.29	22.44	20.57	9.347	8.798	170-180	1.773	1838	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 579.13 lm

%lum = 31.5%

%lamp = 31.5%

Conical surface Flux(120deg): 899.81 lm

%lum = 49.0%

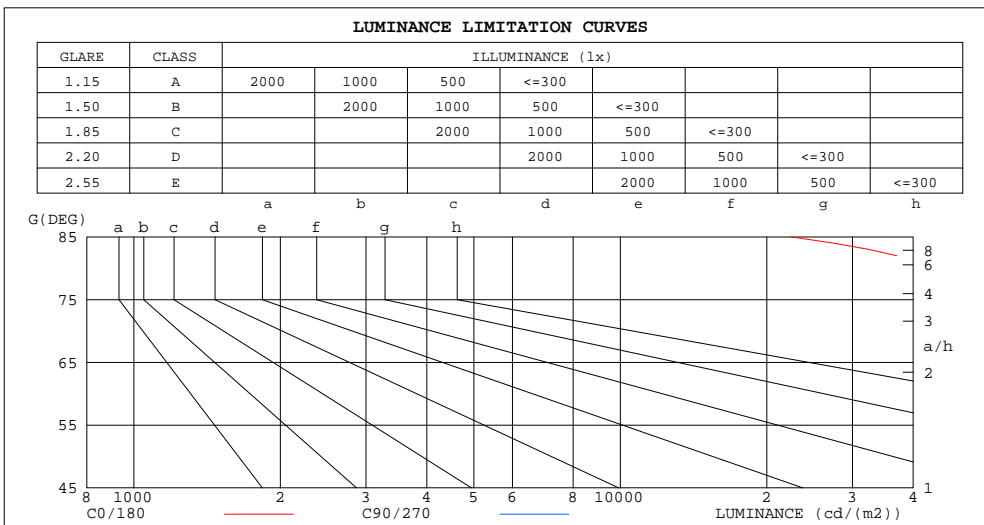
%lamp = 49.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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	22426	757513
80	45261	405742
75	61987	288697
70	73442	230809
65	81680	195926
60	87558	173256
55	92223	157154
50	95515	145127
45	98345	136273

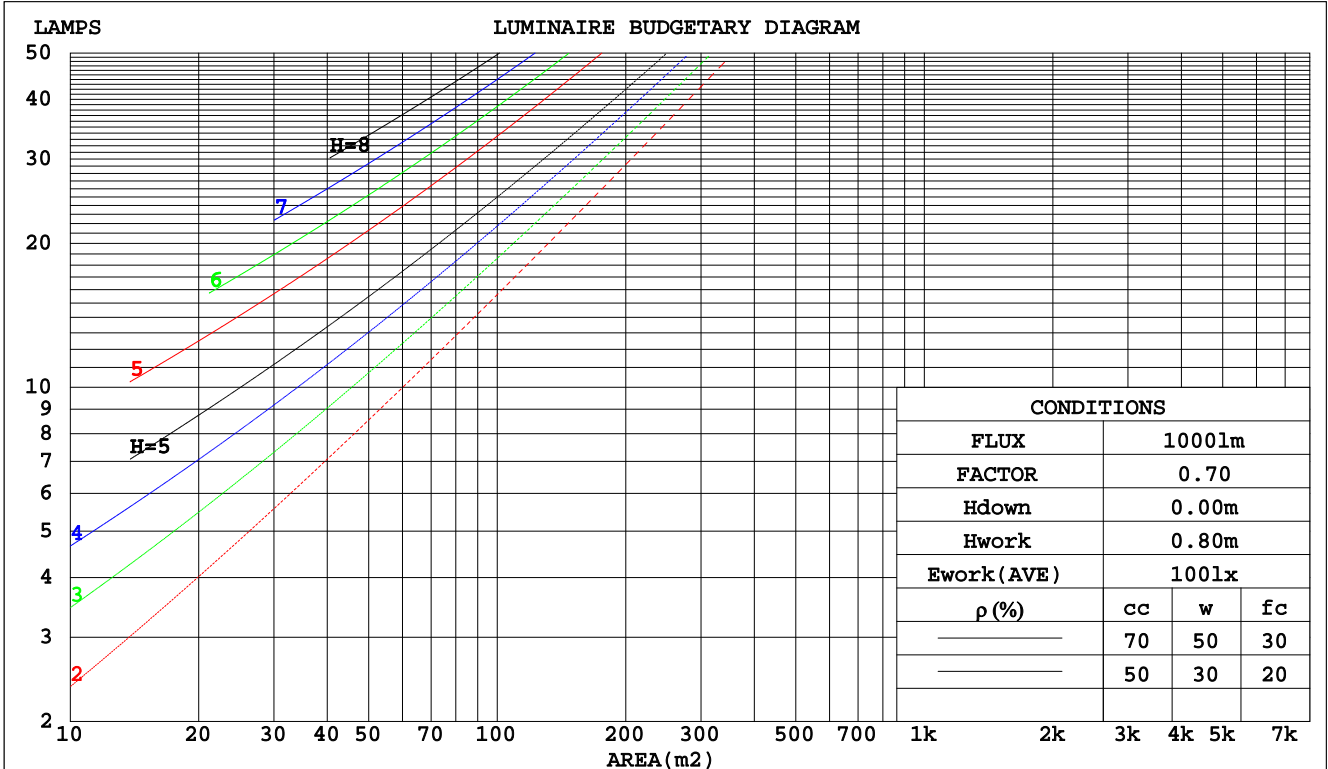
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Hill
 Test Date: 2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.81	.81	.81	.77
1.0	.94	.89	.84	.90	.85	.80	.81	.77	.74	.73	.70	.67	.66	.64	.61	.58
2.0	.80	.73	.66	.77	.69	.63	.69	.63	.58	.62	.58	.54	.56	.52	.49	.46
3.0	.70	.61	.53	.66	.58	.52	.60	.53	.48	.54	.49	.44	.49	.44	.40	.37
4.0	.61	.52	.44	.58	.50	.43	.53	.46	.40	.48	.42	.37	.43	.38	.34	.31
5.0	.54	.45	.38	.52	.43	.36	.47	.40	.34	.42	.36	.31	.38	.33	.29	.26
6.0	.48	.39	.32	.46	.38	.31	.42	.35	.29	.38	.32	.27	.35	.29	.25	.23
7.0	.44	.35	.28	.42	.33	.27	.38	.31	.26	.35	.29	.24	.31	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.17
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.27	.21	.18	.16
10.0	.33	.25	.20	.32	.24	.19	.29	.23	.18	.27	.21	.17	.25	.20	.16	.14



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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	.389	.221	.070	.374	.214	.068	.348	.199	.064	.323	.186	.060	.301	.174	.056	
2.0	.334	.183	.056	.321	.177	.055	.297	.165	.051	.275	.154	.048	.254	.144	.045	
3.0	.296	.158	.047	.284	.152	.046	.263	.142	.043	.242	.133	.041	.223	.124	.038	
4.0	.266	.138	.041	.256	.134	.040	.236	.125	.037	.217	.117	.035	.200	.109	.033	
5.0	.242	.123	.036	.232	.119	.035	.214	.111	.033	.197	.104	.031	.181	.097	.029	
6.0	.221	.111	.032	.212	.107	.031	.196	.100	.029	.180	.094	.028	.166	.087	.026	
7.0	.204	.101	.029	.196	.098	.028	.181	.091	.026	.166	.085	.025	.153	.079	.023	
8.0	.189	.092	.026	.182	.089	.025	.168	.084	.024	.154	.078	.023	.142	.073	.021	
9.0	.176	.085	.024	.169	.083	.023	.156	.077	.022	.144	.072	.021	.133	.067	.019	
10.0	.165	.079	.022	.158	.077	.021	.146	.072	.020	.135	.067	.019	.124	.063	.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	.366	.366	.366	.312	.312	.312	.213	.213	.213	.123	.123	.123	.039	.039	.039	
1.0	.362	.332	.305	.310	.285	.262	.212	.196	.181	.122	.113	.105	.039	.037	.034	
2.0	.356	.309	.271	.305	.266	.234	.209	.184	.163	.120	.107	.096	.039	.035	.031	
3.0	.348	.293	.249	.299	.253	.216	.205	.176	.152	.118	.103	.089	.038	.033	.029	
4.0	.341	.281	.235	.292	.243	.204	.201	.169	.144	.116	.099	.085	.037	.032	.028	
5.0	.333	.271	.226	.286	.235	.196	.197	.164	.139	.114	.096	.082	.037	.031	.027	
6.0	.326	.263	.219	.280	.228	.190	.193	.160	.135	.112	.094	.080	.036	.031	.026	
7.0	.318	.257	.214	.274	.223	.186	.189	.156	.132	.110	.092	.079	.036	.030	.026	
8.0	.312	.251	.210	.268	.218	.183	.186	.153	.130	.108	.090	.077	.035	.030	.026	
9.0	.306	.247	.207	.263	.214	.180	.182	.150	.128	.106	.089	.076	.034	.029	.025	
10.0	.300	.242	.204	.258	.211	.178	.179	.148	.127	.105	.088	.076	.034	.029	.025	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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	24.8	26.1	25.3	26.7	27.3	27.5	28.8	28.0	29.4	30.0
3H	26.2	27.4	26.8	28.0	28.7	30.3	31.5	30.9	32.2	32.9
4H	26.7	27.9	27.3	28.5	29.2	31.9	33.1	32.5	33.7	34.4
6H	27.1	28.1	27.7	28.8	29.5	33.7	34.8	34.3	35.4	36.2
8H	27.1	28.2	27.8	28.8	29.6	34.7	35.7	35.3	36.4	37.1
12H	27.1	28.1	27.8	28.8	29.6	35.8	36.8	36.4	37.4	38.2
4H 2H	26.1	27.3	26.7	27.9	28.6	28.0	29.2	28.6	29.8	30.5
3H	27.8	28.8	28.5	29.5	30.3	31.1	32.1	31.8	32.8	33.6
4H	28.6	29.5	29.3	30.2	31.0	32.9	33.8	33.6	34.5	35.3
6H	29.1	30.0	29.8	30.7	31.5	34.9	35.7	35.6	36.4	37.3
8H	29.3	30.1	30.0	30.8	31.7	36.0	36.8	36.7	37.5	38.4
12H	29.4	30.1	30.2	30.9	31.8	37.3	38.0	38.0	38.7	39.6
8H 4H	29.9	30.7	30.6	31.4	32.3	33.2	34.0	34.0	34.7	35.6
6H	30.9	31.6	31.7	32.3	33.2	35.5	36.2	36.3	37.0	37.8
8H	31.4	32.0	32.1	32.7	33.6	36.9	37.5	37.6	38.2	39.1
12H	31.7	32.2	32.5	33.0	33.9	38.4	38.9	39.2	39.7	40.6
12H 4H	30.4	31.1	31.1	31.8	32.7	33.3	34.0	34.0	34.7	35.6
6H	31.7	32.3	32.4	33.0	33.9	35.7	36.3	36.4	37.0	37.9
8H	32.3	32.8	33.1	33.6	34.6	37.1	37.6	37.9	38.4	39.3
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	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 1838 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

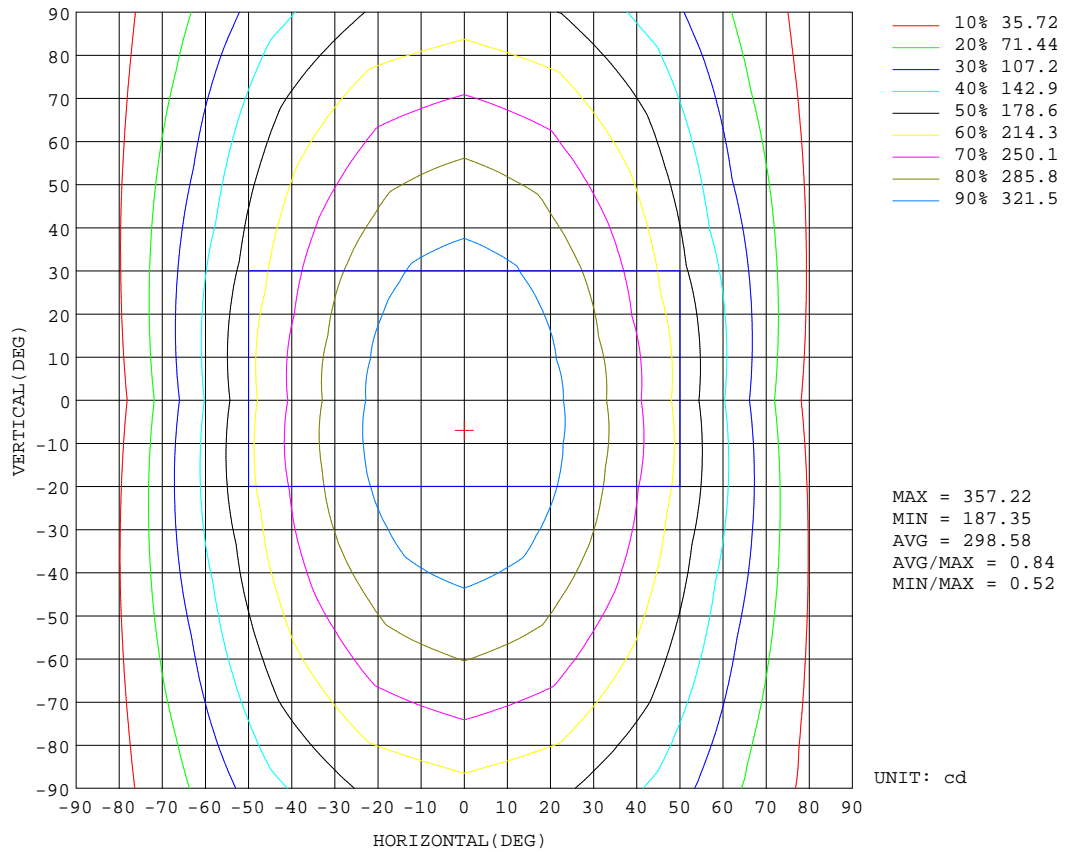
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	34	26	45	33	26	43	32	25	19
0.80	55	42	34	53	41	33	50	39	32	24
1.00	63	50	41	61	48	40	57	48	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	53	72	60	52	66	57	50	39
2.00	82	71	62	79	68	60	72	64	57	45
2.50	87	76	68	83	73	66	76	68	62	48
3.00	90	81	73	86	78	71	79	72	66	52
4.00	95	87	80	91	84	77	83	77	72	56
5.00	98	91	85	94	87	82	85	80	76	59
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:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

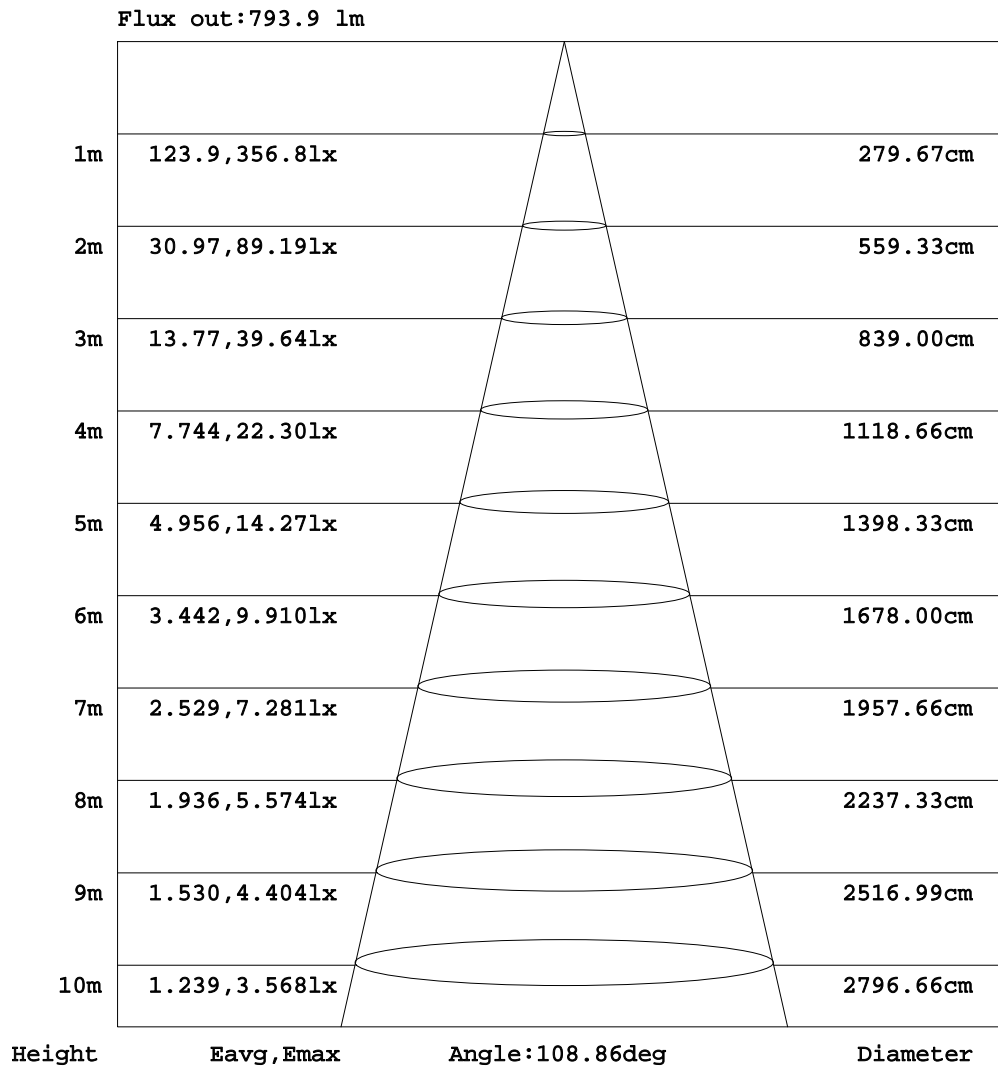


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



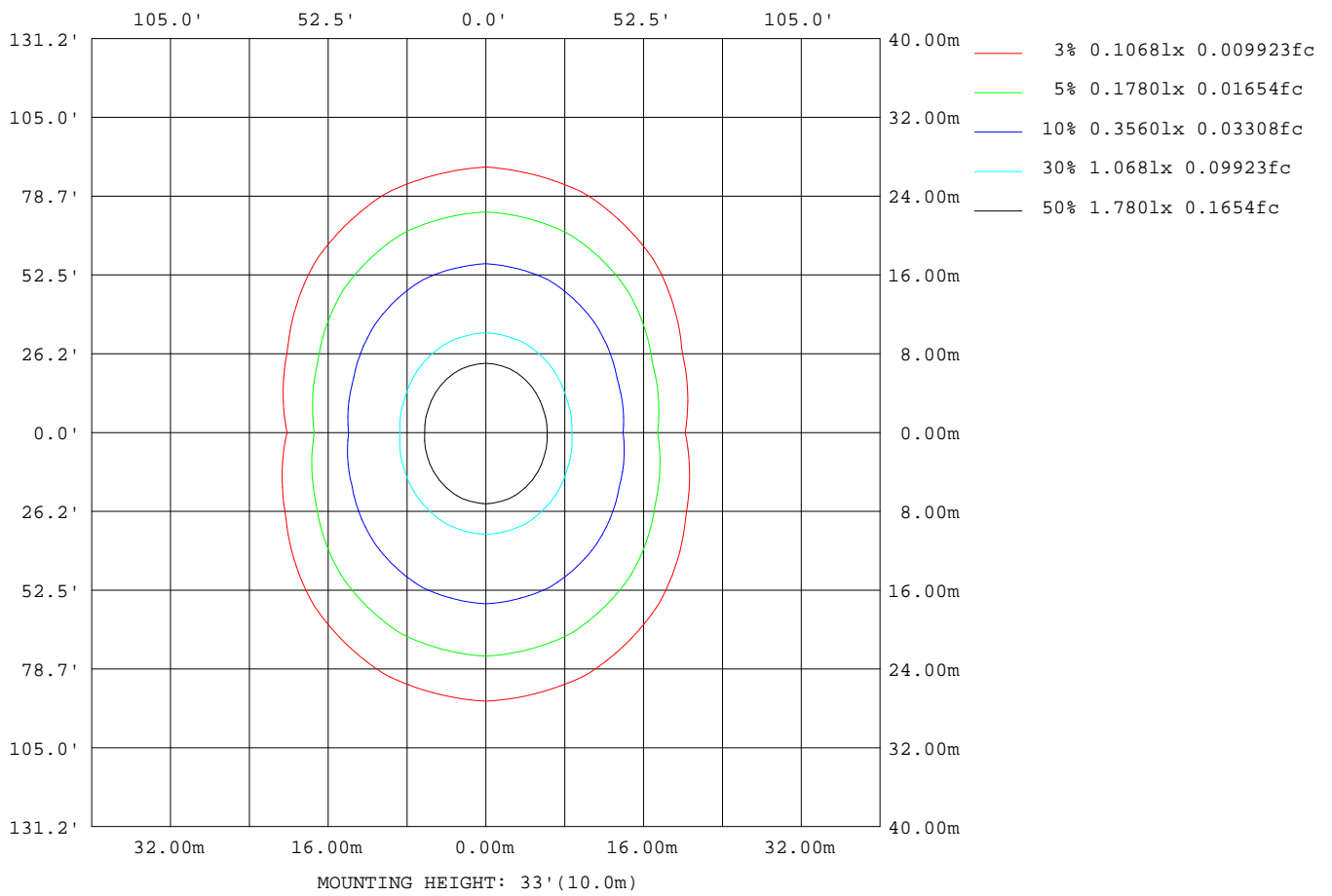
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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:24.6DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

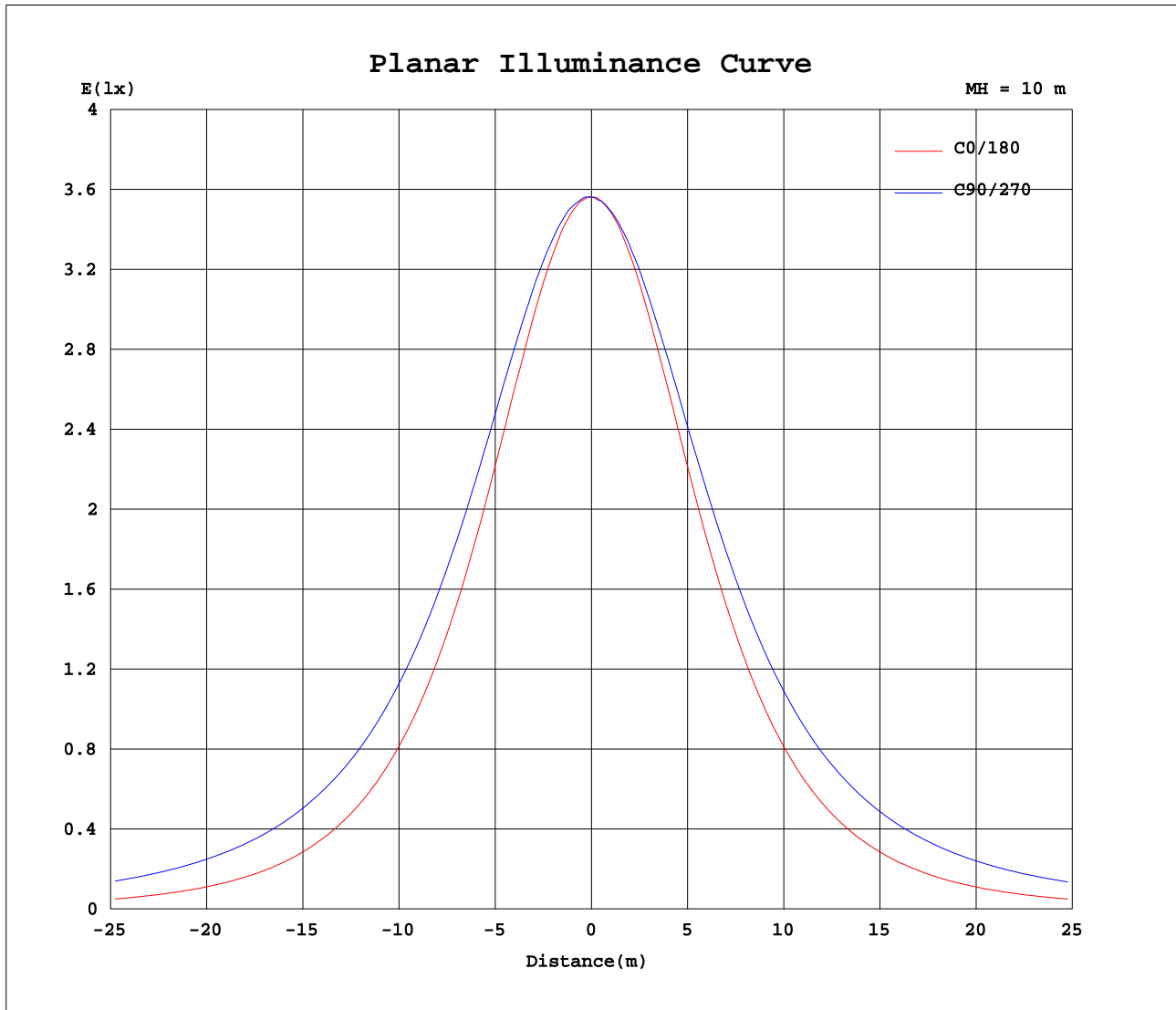
AvgL	cd/m2
L_0~180(65)av	81432
L_0~180(75)av	61952
L_0~180(85)av	22953
L_90~270(65)av	192563
L_90~270(75)av	283552
L_90~270(85)av	743422
L_45(65)av	149189
L_45(75)av	205438
L_45(85)av	504105

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:Hill
Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.526m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.6DEG
 Operators: Hill
 Test Date: 2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.1771A P:20W PF:0.9269 Freq:60.00Hz Lamp Flux:1650x1 lm		
NAME: ASD-LVF22-18D20CC-NK 5000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	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	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356			
5	355	355	355	356	356	357	356	356	354	354	354	355	355	355	354	355			
10	349	351	353	356	356	356	354	352	349	350	350	352	352	352	350	349			
15	341	344	348	353	355	353	349	345	341	342	345	348	349	348	344	341			
20	329	334	341	349	352	349	342	335	329	331	337	343	345	343	336	330			
25	315	322	333	343	348	344	333	323	314	318	327	336	339	336	326	316			
30	297	306	322	336	342	337	322	307	297	302	315	328	333	327	314	300			
35	277	289	309	328	335	329	310	290	277	285	302	319	325	318	300	282			
40	255	269	295	318	328	319	296	270	254	265	288	309	317	308	286	262			
45	230	248	280	308	319	308	280	249	230	243	272	298	308	297	270	240			
50	203	225	263	296	309	297	264	226	203	220	256	287	298	286	253	217			
55	175	201	247	284	298	284	247	202	175	197	240	276	288	274	237	192			
60	145	177	229	271	287	272	229	177	145	172	223	263	277	261	220	168			
65	114	152	213	258	274	258	212	153	114	149	207	250	265	248	204	143			
70	83.2	129	196	244	261	244	196	129	82.8	125	191	236	252	235	187	120			
75	53.2	108	180	230	247	230	179	107	53.1	104	175	223	239	221	171	99.0			
80	26.0	88.8	164	215	233	215	163	88.1	26.3	86.1	159	208	225	206	155	80.7			
85	6.48	72.9	149	200	219	200	148	71.8	6.78	70.3	144	194	211	192	141	65.1			
90	0.47	60.7	135	186	204	185	134	58.7	0.42	58.1	130	180	196	178	126	53.5			
95	0.78	50.8	122	172	189	171	121	49.3	0.83	49.4	118	166	182	165	115	45.3			
100	1.94	44.0	111	158	175	157	109	42.4	1.86	42.9	107	153	169	151	104	39.4			
105	3.39	39.1	99.8	145	161	144	98.7	37.5	3.26	38.1	96.3	140	155	138	93.5	35.1			
110	5.17	35.1	89.9	132	147	131	88.9	33.8	5.06	34.1	86.8	127	141	125	84.3	31.8			
115	7.28	32.1	80.8	119	133	118	79.9	30.8	7.23	30.9	78.1	114	127	113	75.9	28.8			
120	9.59	29.5	72.3	107	119	106	71.6	28.4	8.99	28.3	69.9	103	114	101	68.0	26.3			
125	11.3	27.3	64.3	95.0	106	94.6	63.5	26.3	10.8	25.9	62.0	91.4	102	90.3	60.5	24.2			
130	13.3	26.2	56.8	83.5	93.6	83.2	56.2	24.3	12.8	23.8	54.6	80.2	89.7	79.5	53.3	22.2			
135	15.2	25.4	50.1	72.9	81.3	72.7	49.6	23.5	14.8	22.5	47.6	69.5	77.8	69.2	46.8	20.8			
140	17.1	24.6	44.1	62.9	70.2	62.6	43.6	22.8	16.9	21.5	40.8	59.2	66.4	59.5	41.3	20.8			
145	18.4	24.1	38.9	53.6	59.6	53.4	38.1	22.4	18.7	21.3	33.9	49.3	55.9	51.1	36.8	22.5			
150	19.9	24.5	35.1	45.2	49.6	44.9	34.1	22.9	19.4	20.4	28.5	39.7	46.1	43.4	32.9	24.1			
155	21.8	24.3	31.6	38.8	41.5	38.3	30.9	22.7	20.1	20.4	25.5	32.0	37.0	36.3	29.8	25.6			
160	23.9	24.9	28.9	33.5	35.4	33.3	28.3	23.7	21.4	19.9	22.9	27.6	30.3	30.5	28.2	26.9			
165	22.6	23.9	28.0	29.5	30.2	29.4	27.2	22.7	19.4	19.2	23.2	24.8	27.5	28.5	28.3	27.4			
170	15.6	16.9	24.0	27.9	28.1	26.7	21.5	16.8	14.9	14.9	16.2	20.0	24.7	27.1	26.7	22.8			
175	14.4	14.2	16.4	23.2	21.7	16.9	14.7	14.8	14.6	14.6	14.5	14.4	16.7	18.8	22.6	15.1			
180	23.4	21.5	16.1	5.89	0.89	10.4	15.3	22.8	22.4	22.6	20.6	16.0	9.35	2.11	8.80	16.1			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:Hill
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