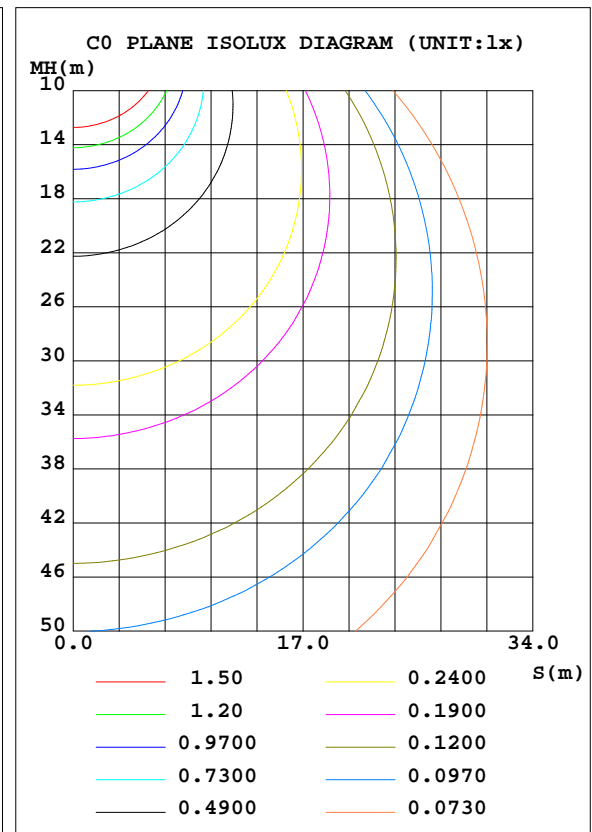
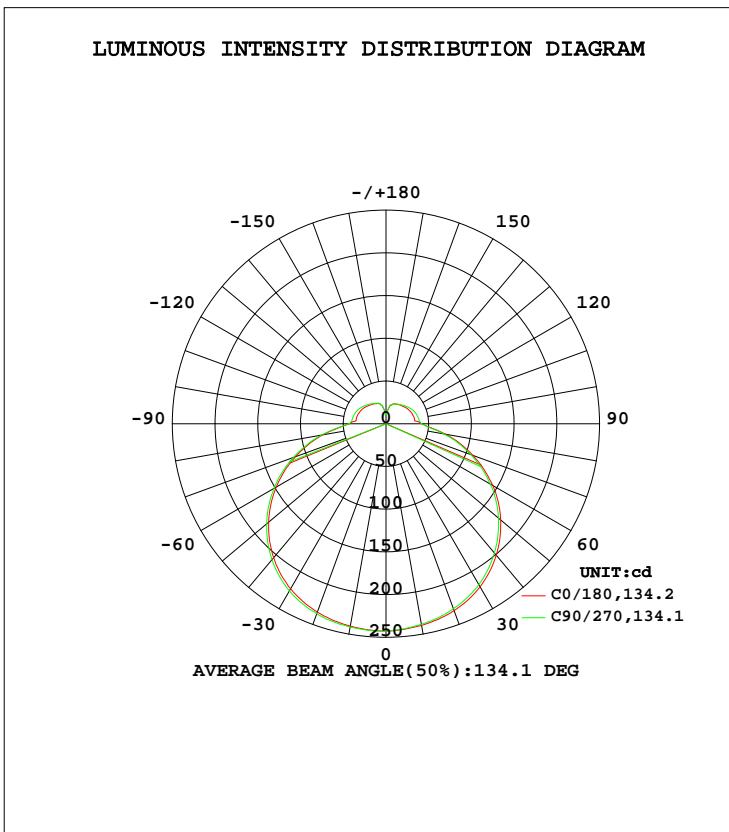


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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: 55.94 lm/W			
MODEL ASD-LFC-LF-12D20-AC-BK/NK		I _{max} (cd)	242.9	S/MH(C0/180)	1.35
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1113.2	η UP, DN(C0-180)	9.4,41.6
NOMINAL FLUX(lm)	1113.17	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	9.1,39.9
LAMPS INSIDE	1	η up(%)	18.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	81.4	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [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	240.4	241.6	241.6	240.9	239.6	238.6	238.4	239.0	0- 10	23.02	23.02	2.07,2.07
20	234.7	236.6	236.6	235.3	232.8	231.2	230.5	231.8	10- 20	67.17	90.18	8.1,8.1
30	223.2	225.9	226.1	224.1	220.2	218.0	217.4	219.0	20- 30	105.5	195.7	17.6,17.6
40	204.6	207.6	207.6	205.3	200.8	198.3	197.3	199.5	30- 40	133.4	329.1	29.6,29.6
50	179.4	182.1	182.3	179.9	175.2	173.1	171.9	174.0	40- 50	147.2	476.2	42.8,42.8
60	148.4	151.2	151.3	149.1	144.2	142.8	140.9	142.8	50- 60	145.4	621.6	55.8,55.8
70	112.7	115.1	115.4	113.3	108.2	107.4	105.7	107.1	60- 70	127.6	749.2	67.3,67.3
80	75.13	76.25	76.71	74.79	70.72	69.85	68.73	69.92	70- 80	97.09	846.3	76,76
90	43.10	43.60	43.84	42.98	41.72	42.13	41.84	42.19	80- 90	60.27	906.6	81.4,81.4
100	35.34	39.24	39.65	38.73	33.89	37.86	38.51	38.96	90-100	43.22	949.8	85.3,85.3
110	34.44	36.96	38.19	36.59	32.92	35.48	36.92	36.57	100-110	38.94	988.7	88.8,88.8
120	32.95	34.58	35.79	34.39	31.57	33.07	34.51	34.17	110-120	34.45	1023	91.9,91.9
130	31.04	31.90	32.82	31.88	29.73	30.44	31.60	31.41	120-130	29.16	1052	94.5,94.5
140	28.81	29.54	30.09	29.44	27.90	28.05	28.82	28.71	130-140	23.32	1076	96.6,96.6
150	27.11	27.42	27.44	27.48	26.41	25.96	26.60	26.62	140-150	17.54	1093	98.2,98.2
160	25.18	25.31	25.56	25.41	24.88	23.63	24.33	24.27	150-160	11.99	1105	99.3,99.3
170	18.91	18.98	18.82	19.32	18.45	18.40	18.15	17.87	160-170	6.497	1112	99.9,99.9
180	10.67	10.10	9.910	9.401	12.34	12.14	12.90	12.71	170-180	1.501	1113	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 401.9 lm

%lum = 36.1%

%lamp = 36.1%

Conical surface Flux(120deg): 621.6 lm

%lum = 55.8%

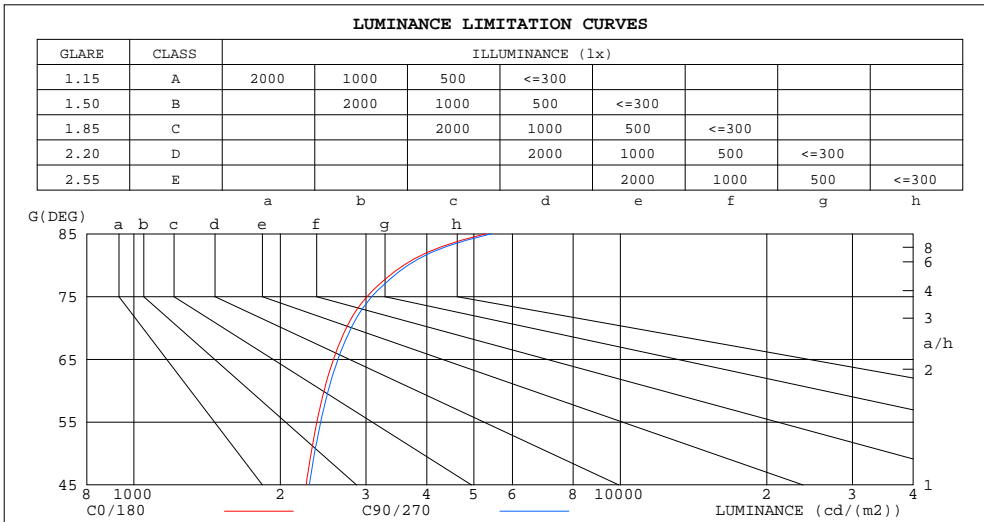
%lamp = 55.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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



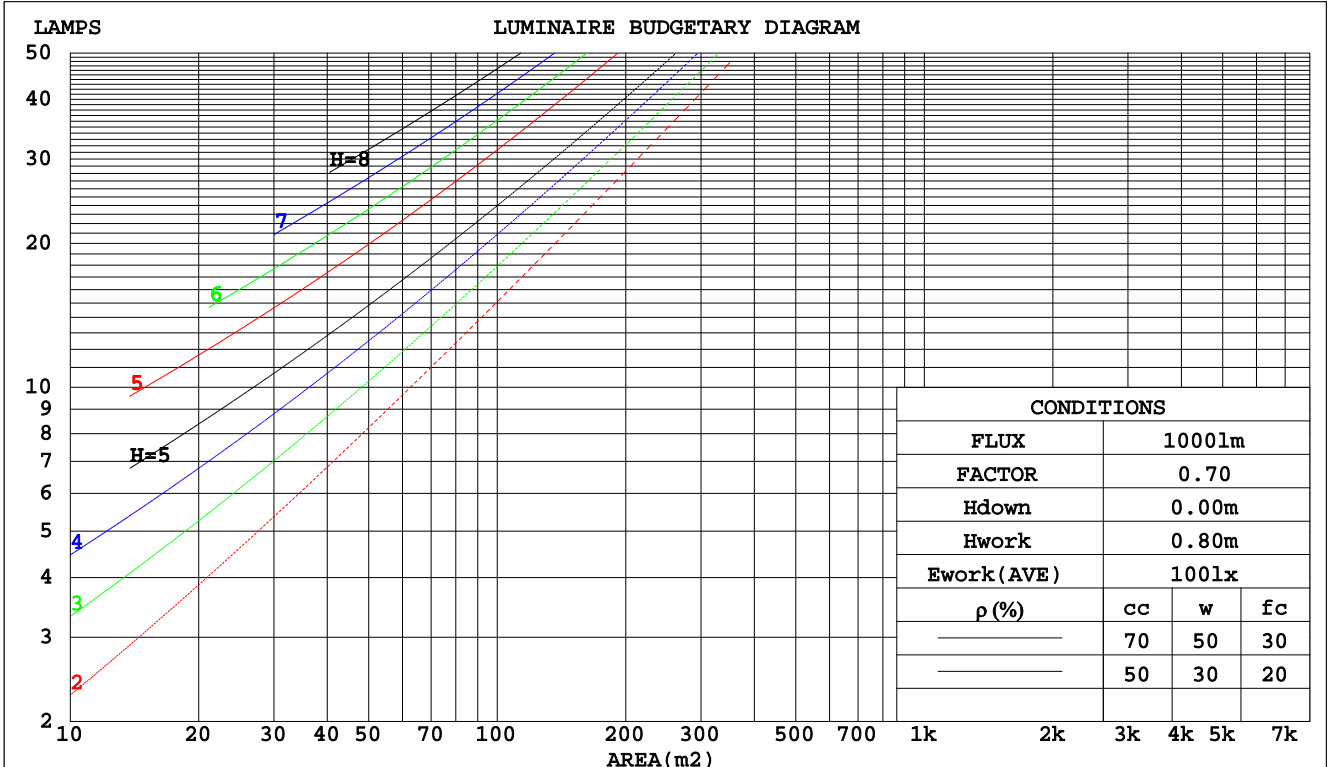
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.85	.85	.85	.81
1.0	.97	.92	.87	.93	.88	.84	.85	.81	.78	.78	.75	.72	.71	.69	.67	.64
2.0	.83	.75	.69	.79	.73	.67	.73	.67	.62	.67	.62	.58	.61	.57	.54	.51
3.0	.72	.63	.56	.69	.61	.55	.63	.57	.51	.58	.53	.48	.53	.49	.45	.42
4.0	.63	.54	.47	.61	.52	.46	.56	.49	.43	.51	.45	.40	.47	.42	.38	.35
5.0	.56	.47	.40	.54	.45	.39	.50	.42	.37	.46	.39	.35	.42	.37	.33	.30
6.0	.50	.41	.34	.48	.40	.33	.45	.37	.32	.41	.35	.30	.38	.32	.28	.26
7.0	.45	.36	.30	.44	.35	.29	.40	.33	.28	.37	.31	.26	.34	.29	.25	.23
8.0	.41	.32	.26	.40	.31	.26	.37	.30	.25	.34	.28	.23	.32	.26	.22	.20
9.0	.38	.29	.24	.36	.28	.23	.34	.27	.22	.31	.25	.21	.29	.24	.20	.18
10.0	.34	.27	.21	.33	.26	.21	.31	.24	.20	.29	.23	.19	.27	.22	.18	.16



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME:ASD-LFC-LF-12D20-AC-BK/NK	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	.361	.205	.065	.348	.199	.063	.324	.186	.059	.302	.174	.056	.282	.163	.053	
2.0	.320	.176	.054	.309	.170	.052	.287	.160	.050	.267	.150	.047	.249	.141	.044	
3.0	.288	.153	.046	.278	.149	.045	.258	.140	.042	.240	.131	.040	.223	.123	.038	
4.0	.261	.136	.040	.252	.132	.039	.234	.124	.037	.217	.117	.035	.202	.110	.033	
5.0	.238	.121	.035	.230	.118	.034	.214	.111	.033	.198	.105	.031	.184	.099	.030	
6.0	.219	.110	.031	.211	.107	.031	.197	.101	.029	.183	.095	.028	.170	.089	.027	
7.0	.203	.100	.028	.195	.097	.028	.182	.092	.026	.169	.087	.025	.157	.082	.024	
8.0	.188	.092	.026	.182	.089	.025	.169	.085	.024	.158	.080	.023	.147	.075	.022	
9.0	.176	.085	.024	.170	.083	.023	.158	.078	.022	.147	.074	.021	.137	.070	.020	
10.0	.164	.079	.022	.159	.077	.021	.148	.073	.020	.138	.069	.020	.129	.065	.019	

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	.332	.332	.332	.284	.284	.284	.194	.194	.194	.111	.111	.111	.036	.036	.036	
1.0	.326	.298	.273	.279	.256	.235	.191	.176	.162	.110	.102	.094	.035	.033	.031	
2.0	.320	.275	.238	.274	.237	.206	.188	.164	.144	.108	.095	.084	.035	.031	.027	
3.0	.312	.259	.216	.268	.223	.187	.184	.155	.131	.106	.091	.077	.034	.029	.025	
4.0	.305	.246	.201	.261	.213	.175	.180	.148	.123	.104	.087	.073	.033	.028	.024	
5.0	.297	.236	.191	.255	.205	.167	.176	.143	.118	.102	.084	.070	.033	.027	.023	
6.0	.290	.228	.184	.249	.198	.160	.172	.138	.114	.100	.081	.067	.032	.027	.022	
7.0	.283	.222	.179	.243	.192	.156	.168	.135	.110	.098	.079	.066	.032	.026	.022	
8.0	.277	.216	.175	.238	.188	.153	.165	.132	.108	.096	.078	.064	.031	.025	.021	
9.0	.270	.212	.172	.233	.184	.150	.161	.129	.106	.094	.076	.063	.030	.025	.021	
10.0	.265	.207	.169	.228	.180	.148	.158	.127	.105	.092	.075	.063	.030	.025	.021	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm										
NAME: ASD-LFC-LF-12D20-AC-BK/NK					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	15.0	16.3	15.5	16.9	17.4	15.1	16.4	15.6	16.9	17.5
3H	17.1	18.3	17.6	18.9	19.5	17.2	18.4	17.7	19.0	19.6
4H	18.1	19.3	18.7	19.8	20.5	18.2	19.4	18.8	20.0	20.6
6H	19.1	20.3	19.7	20.8	21.5	19.3	20.4	19.9	21.0	21.6
8H	19.7	20.7	20.2	21.3	22.0	19.8	20.8	20.4	21.4	22.1
12H	20.2	21.2	20.8	21.8	22.5	20.3	21.3	20.9	21.9	22.6
4H 2H	15.7	16.9	16.3	17.5	18.1	15.8	17.0	16.4	17.5	18.2
3H	18.0	19.0	18.6	19.6	20.3	18.1	19.1	18.7	19.7	20.4
4H	19.2	20.1	19.8	20.8	21.5	19.3	20.2	19.9	20.9	21.6
6H	20.4	21.2	21.0	21.9	22.6	20.5	21.3	21.2	22.0	22.7
8H	21.0	21.8	21.7	22.4	23.2	21.1	21.9	21.8	22.5	23.3
12H	21.6	22.3	22.3	23.0	23.8	21.7	22.5	22.4	23.1	23.9
8H 4H	19.6	20.4	20.3	21.1	21.9	19.7	20.5	20.4	21.2	21.9
6H	21.1	21.7	21.8	22.4	23.2	21.2	21.8	21.9	22.5	23.3
8H	21.8	22.4	22.6	23.1	24.0	21.9	22.5	22.7	23.2	24.1
12H	22.7	23.2	23.4	23.9	24.8	22.8	23.3	23.5	24.0	24.9
12H 4H	19.7	20.4	20.4	21.1	21.9	19.8	20.5	20.5	21.2	22.0
6H	21.3	21.8	22.0	22.6	23.4	21.3	21.9	22.1	22.6	23.5
8H	22.1	22.6	22.8	23.3	24.2	22.2	22.7	22.9	23.4	24.3
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					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1113 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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

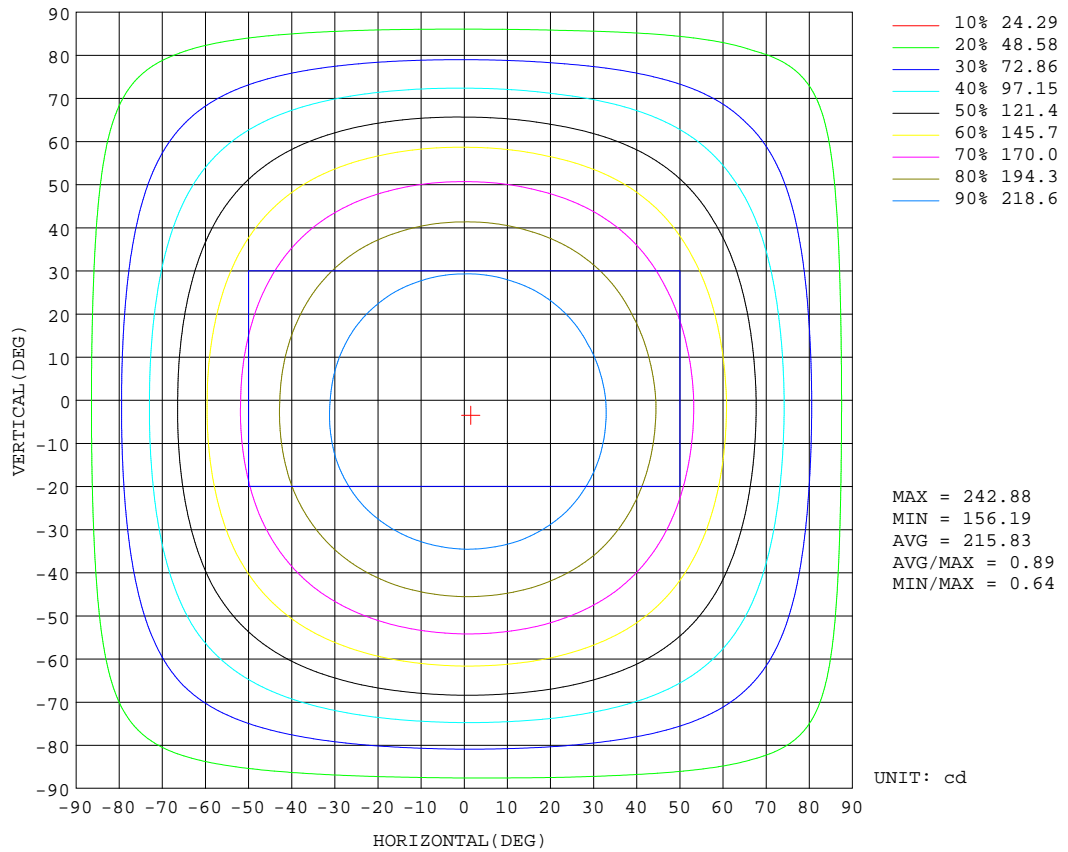
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	36	29	47	36	29	45	35	28	21
0.80	58	45	37	56	44	37	53	43	36	28
1.00	66	53	45	64	52	44	60	52	43	34
1.25	73	60	52	70	59	51	66	56	49	40
1.50	78	66	58	75	64	57	70	61	54	44
2.00	85	75	67	82	72	65	76	68	62	50
2.50	90	80	72	86	77	71	80	73	67	54
3.00	93	85	78	90	82	75	83	76	71	58
4.00	98	91	84	94	87	82	87	81	77	62
5.00	101	94	89	97	91	86	89	85	81	65
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:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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

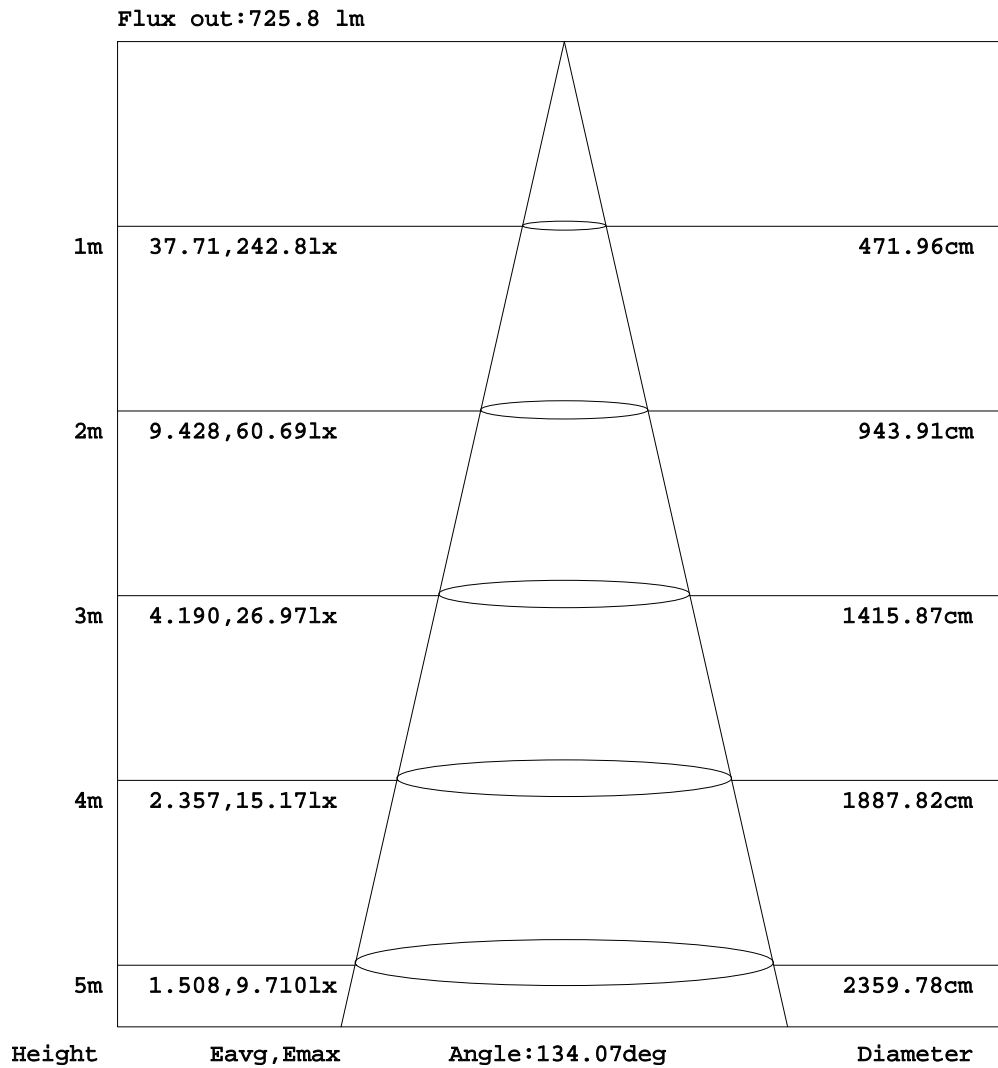


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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



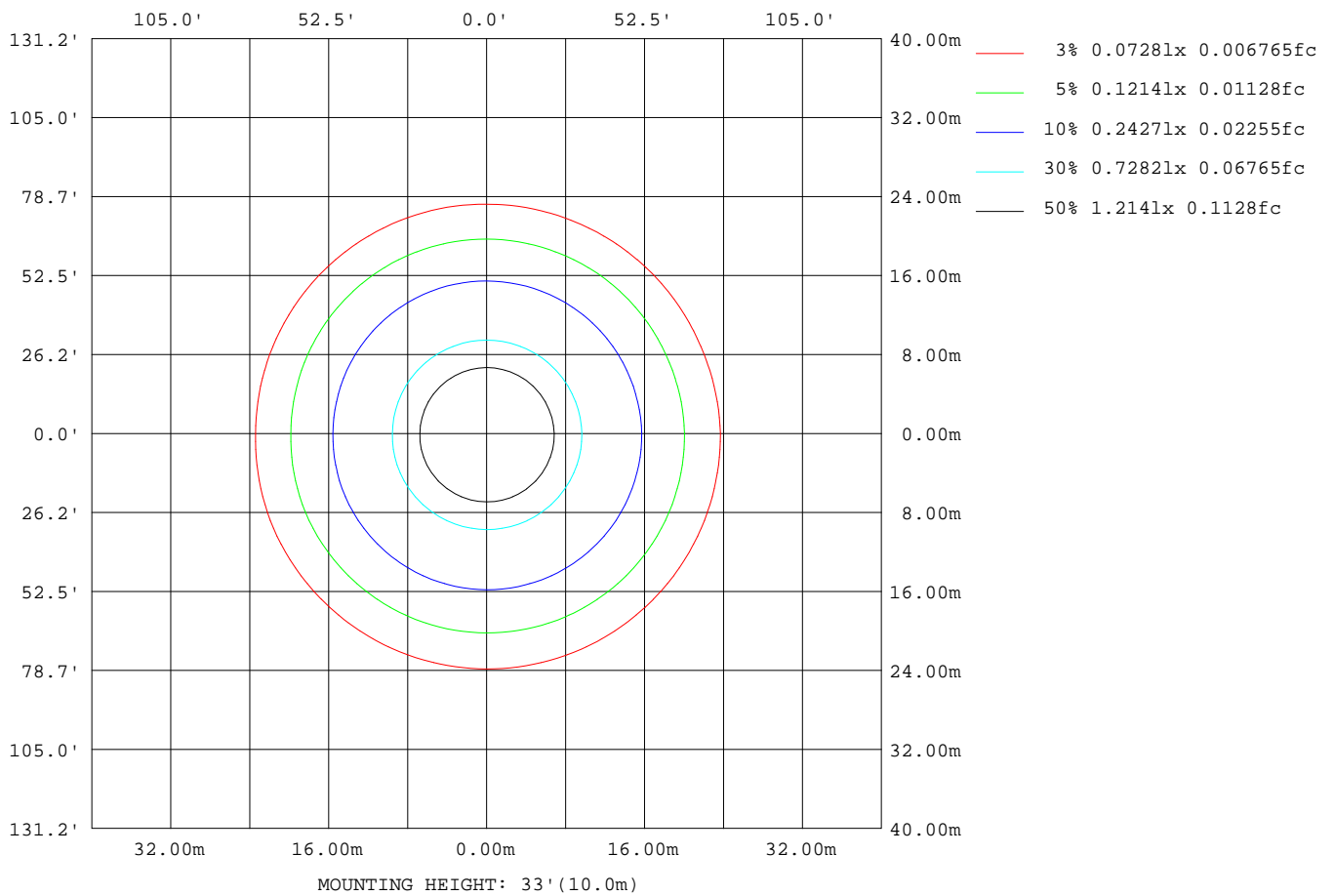
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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:25.1DEG
 Operators:Evan
 Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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

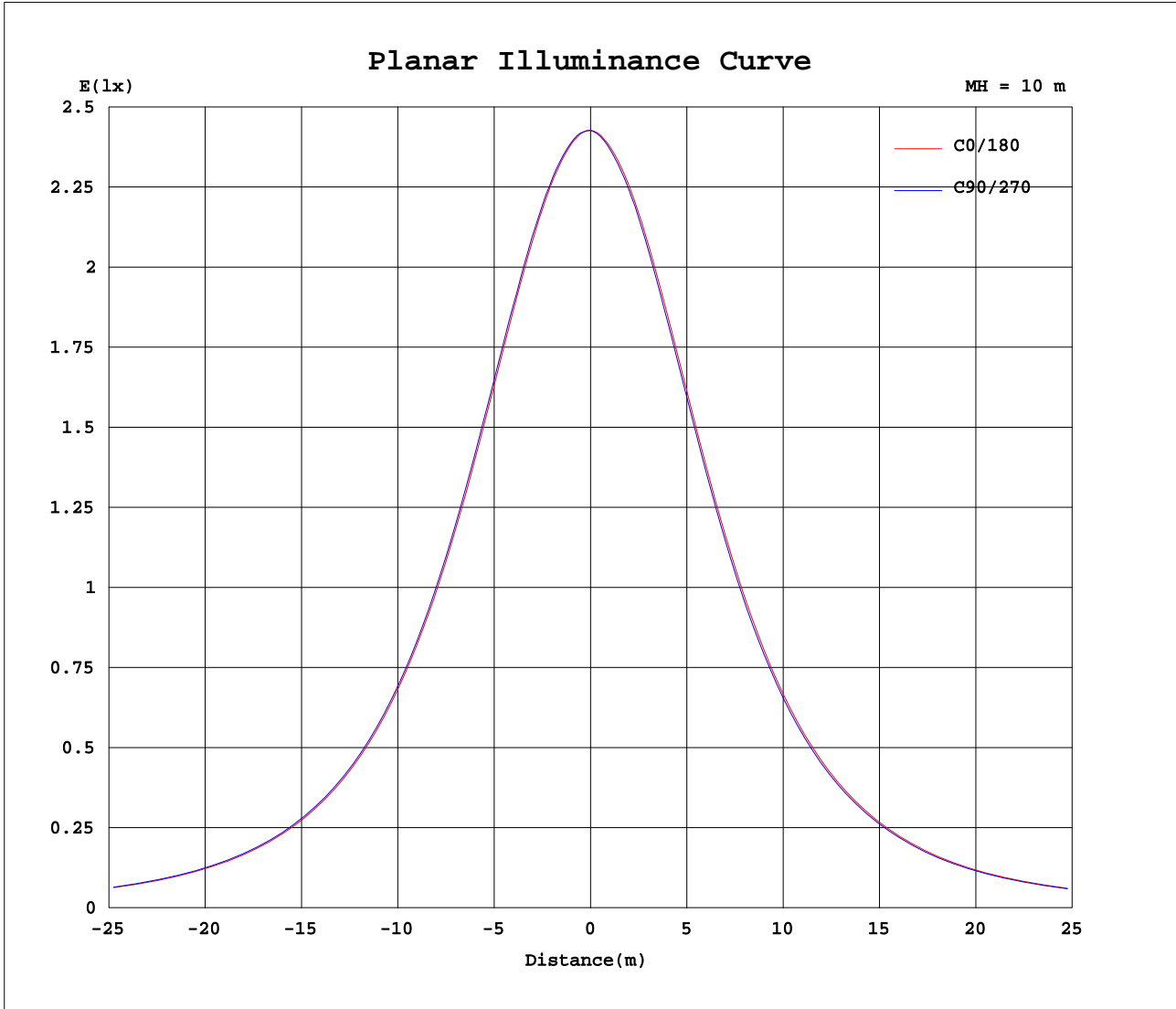
AvgL	cd/m2
L_0~180(65)av	2526
L_0~180(75)av	2946
L_0~180(85)av	5128
L_90~270(65)av	2526
L_90~270(75)av	2944
L_90~270(85)av	5149
L_45(65)av	2531
L_45(75)av	2947
L_45(85)av	5111

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:44%
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: Evan
Test Date: 2022-11-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 44%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.1789A P:19.90W PF:0.9263 Lamp Flux:1113.17x1 lm		
NAME: ASD-LFC-LF-12D20-AC-BK/NK	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	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243			
5	242	242	243	243	243	242	242	242	241	241	241	241	241	241	241	242			
10	240	241	242	242	242	241	241	240	240	239	239	238	238	239	239	240			
15	238	239	240	240	240	240	239	238	237	236	236	235	235	235	236	237			
20	235	236	237	237	237	236	235	234	233	232	231	231	231	231	232	233			
25	230	231	232	232	232	232	231	229	227	227	225	225	225	225	226	227			
30	223	225	226	226	226	225	224	223	220	219	218	217	217	218	219	221			
35	215	216	218	218	218	217	216	214	211	210	209	208	208	209	210	212			
40	205	206	208	208	208	207	205	204	201	199	198	197	197	198	199	201			
45	193	194	196	196	196	195	193	192	189	187	186	185	185	186	187	189			
50	179	181	182	183	182	181	180	178	175	174	173	172	172	172	174	176			
55	165	166	167	168	168	167	165	164	161	160	159	158	157	157	159	161			
60	148	150	151	152	151	150	149	148	144	144	143	142	141	141	143	145			
65	131	133	134	134	134	133	132	130	126	126	126	125	124	124	125	127			
70	113	114	115	116	115	115	113	112	108	108	107	107	106	106	107	109			
75	94.1	95.0	95.9	96.4	96.3	95.6	94.2	92.9	89.9	89.7	89.1	88.3	87.6	87.7	89.0	90.5			
80	75.1	75.6	76.2	76.8	76.7	76.0	74.8	73.7	70.7	70.3	69.9	69.3	68.7	68.9	69.9	71.2			
85	55.6	55.5	56.1	57.2	57.1	56.1	55.2	54.2	52.3	51.7	51.5	51.4	51.2	51.4	52.2	53.0			
90	43.1	43.3	43.6	43.9	43.8	43.5	43.0	42.5	41.7	42.0	42.1	42.1	41.8	41.8	42.2	42.4			
95	36.4	40.1	40.3	40.6	40.5	40.1	39.7	39.3	35.2	38.8	39.1	39.3	39.4	39.6	39.9	39.9			
100	35.3	37.9	39.2	39.6	39.7	39.2	38.7	37.4	33.9	36.5	37.9	38.2	38.5	38.7	39.0	37.7			
105	35.0	35.4	38.1	38.9	39.0	38.5	37.7	35.3	33.5	33.9	36.6	37.5	37.8	38.0	37.8	35.1			
110	34.4	34.1	37.0	37.9	38.2	37.7	36.6	33.6	32.9	32.5	35.5	36.4	36.9	37.0	36.6	34.1			
115	33.7	33.4	35.8	36.7	37.2	36.5	35.5	32.7	32.3	31.7	34.3	35.2	35.8	35.8	35.5	33.1			
120	32.9	32.7	34.6	35.5	35.8	35.3	34.4	31.9	31.6	31.0	33.1	34.0	34.5	34.6	34.2	32.1			
125	32.1	31.7	33.2	34.3	34.4	34.1	33.1	31.2	30.7	30.1	31.7	32.8	33.1	33.4	32.8	31.2			
130	31.0	30.9	31.9	32.9	32.8	32.8	31.9	30.4	29.7	29.2	30.4	31.5	31.6	32.0	31.4	30.0			
135	29.9	29.9	30.8	31.5	31.3	31.3	30.7	29.5	28.8	28.2	29.3	30.1	30.2	30.6	30.0	29.0			
140	28.8	28.8	29.5	30.1	30.1	30.0	29.4	28.6	27.9	27.4	28.1	28.7	28.8	29.2	28.7	28.1			
145	28.0	28.0	28.4	28.9	28.8	28.9	28.4	27.9	27.2	26.6	27.0	27.6	27.7	28.0	27.6	27.2			
150	27.1	26.9	27.4	27.6	27.4	27.7	27.5	27.0	26.4	25.7	26.0	26.5	26.6	26.9	26.6	26.2			
155	26.1	26.0	26.4	26.6	26.6	26.6	26.3	26.2	25.8	25.1	25.0	25.3	25.2	25.4	25.3	25.2			
160	25.2	25.2	25.3	25.4	25.6	25.5	25.4	25.0	24.9	24.1	23.6	24.0	24.3	24.3	24.3	24.3			
165	22.9	23.3	23.6	23.5	23.0	22.8	23.6	23.2	22.7	22.6	22.5	22.8	23.1	22.9	22.7	22.6			
170	18.9	19.0	19.0	18.9	18.8	19.3	19.3	19.3	18.5	18.5	18.4	18.3	18.2	17.9	17.9	18.4			
175	14.5	14.8	14.8	14.5	14.4	15.0	14.8	14.8	14.5	14.6	14.5	14.4	14.4	13.9	13.9	14.2			
180	10.7	10.6	10.1	10.5	9.91	10.2	9.40	8.99	12.3	12.4	12.1	12.4	12.9	12.6	12.7	12.1			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
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γ Range: 0 - 180DEG
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