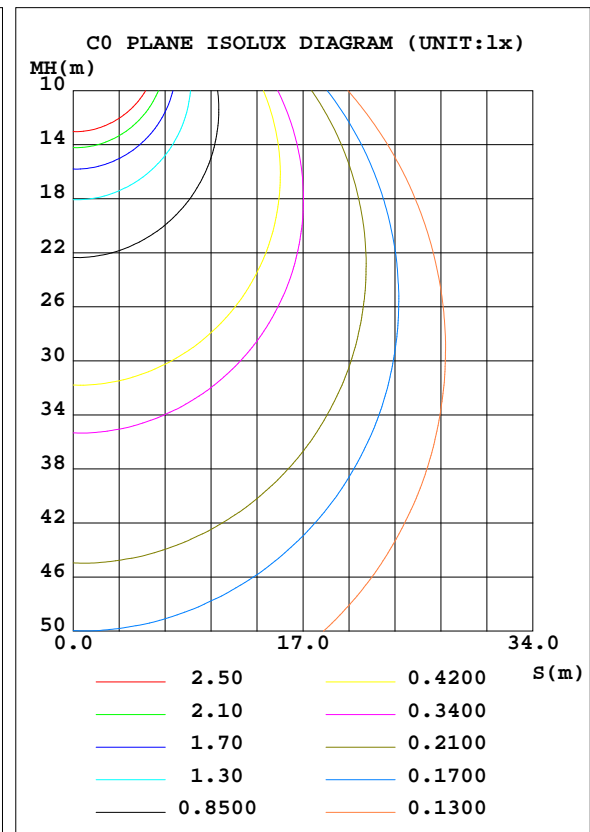
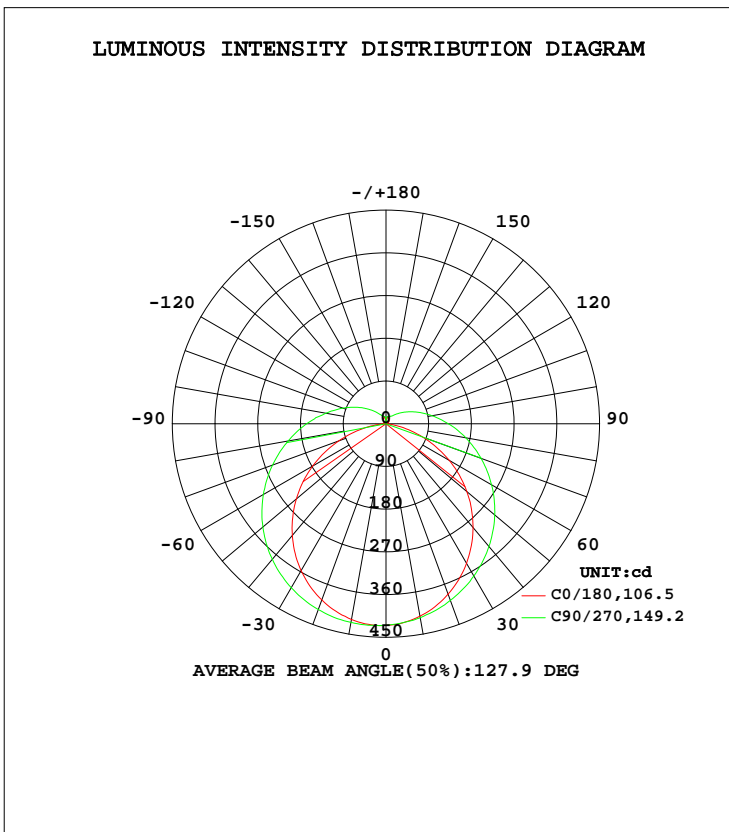


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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: 70 lm/W			
MODEL ASD-LVF21-18D20CC-NK/BZ/BK 3000K		Imax(cd)	426.2	S/MH(C0/180)	1.20
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1400	η UP, DN(C0-180)	7.7,45.5
NOMINAL FLUX(lm)	1400	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	5.9,40.8
LAMPS INSIDE	1	η up(%)	13.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	86.4	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 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:44%
 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	418.7	423.6	425.0	419.6	411.5	411.8	414.9	415.6	0- 10	40.19	40.19	2.37,2.37
20	395.2	409.2	416.7	400.9	382.3	385.6	396.2	393.3	10- 20	115.5	155.7	9.17,9.17
30	357.4	381.8	399.1	370.8	339.5	349.7	370.2	359.9	20- 30	176.6	332.3	19.6,19.6
40	307.0	344.8	372.7	331.1	285.3	305.9	337.5	317.8	30- 40	217.0	549.3	32.4,32.4
50	246.5	299.6	338.8	283.8	222.6	256.9	299.2	269.4	40- 50	233.0	782.3	46.1,46.1
60	178.3	248.9	298.4	233.3	153.7	205.8	256.7	217.6	50- 60	224.5	1007	59.3,59.3
70	106.0	196.7	254.3	182.4	82.16	156.7	213.2	166.4	60- 70	195.2	1202	70.8,70.8
80	38.02	148.1	209.4	135.8	21.56	112.4	170.9	119.5	70- 80	153.1	1355	79.9,79.9
90	0.4125	107.2	167.3	98.28	0.1006	77.78	131.3	81.99	80- 90	110.2	1465	86.4,86.4
100	0.8823	75.77	128.5	69.62	1.026	52.98	98.54	54.92	90-100	77.74	1543	90.9,90.9
110	2.863	52.49	96.66	48.77	3.432	36.05	71.44	36.69	100-110	54.06	1597	94.1,94.1
120	5.082	36.40	69.50	34.30	6.139	25.02	50.09	24.95	110-120	36.64	1634	96.3,96.3
130	6.913	25.52	47.89	24.47	8.711	18.20	34.04	17.98	120-130	24.19	1658	97.7,97.7
140	8.971	18.69	31.93	18.40	10.72	15.92	22.85	15.85	130-140	15.78	1674	98.6,98.6
150	11.40	16.39	21.43	16.34	12.79	14.93	18.20	15.61	140-150	10.56	1684	99.3,99.3
160	13.68	15.45	17.35	15.16	14.96	14.84	16.04	15.51	150-160	7.239	1692	99.7,99.7
170	11.63	14.98	15.82	14.01	11.50	12.10	15.22	15.34	160-170	4.267	1696	99.9,99.9
180	9.243	7.697	0	6.763	9.390	8.288	5.505	2.439	170-180	1.115	1697	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 665.34 lm

%lum = 39.2%

%lamp = 39.2%

Conical surface Flux(120deg): 1006.8 lm

%lum = 59.3%

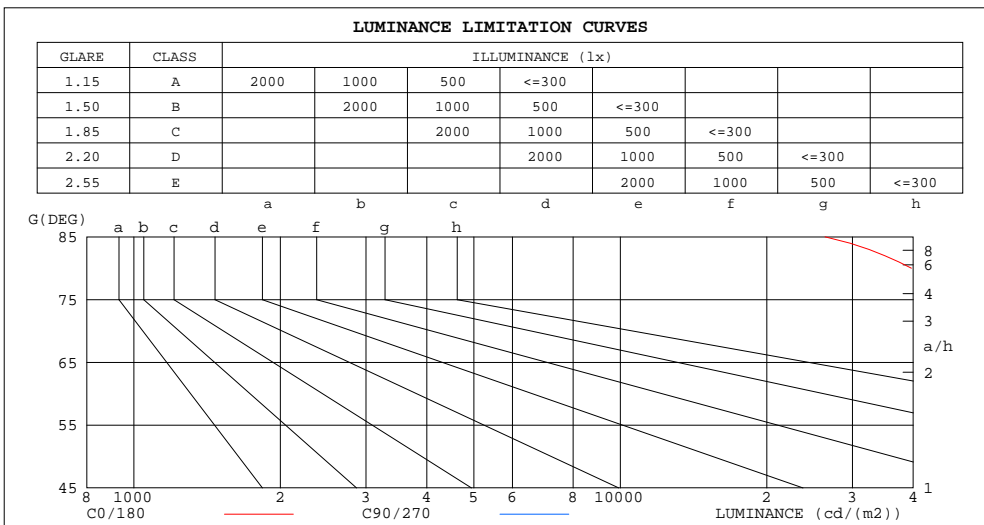
%lamp = 59.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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	26358	390420
80	39642	218446
75	49426	162179
70	56131	134643
65	61006	118458
60	64577	108088
55	67342	100731
50	69437	95450
45	71148	91390

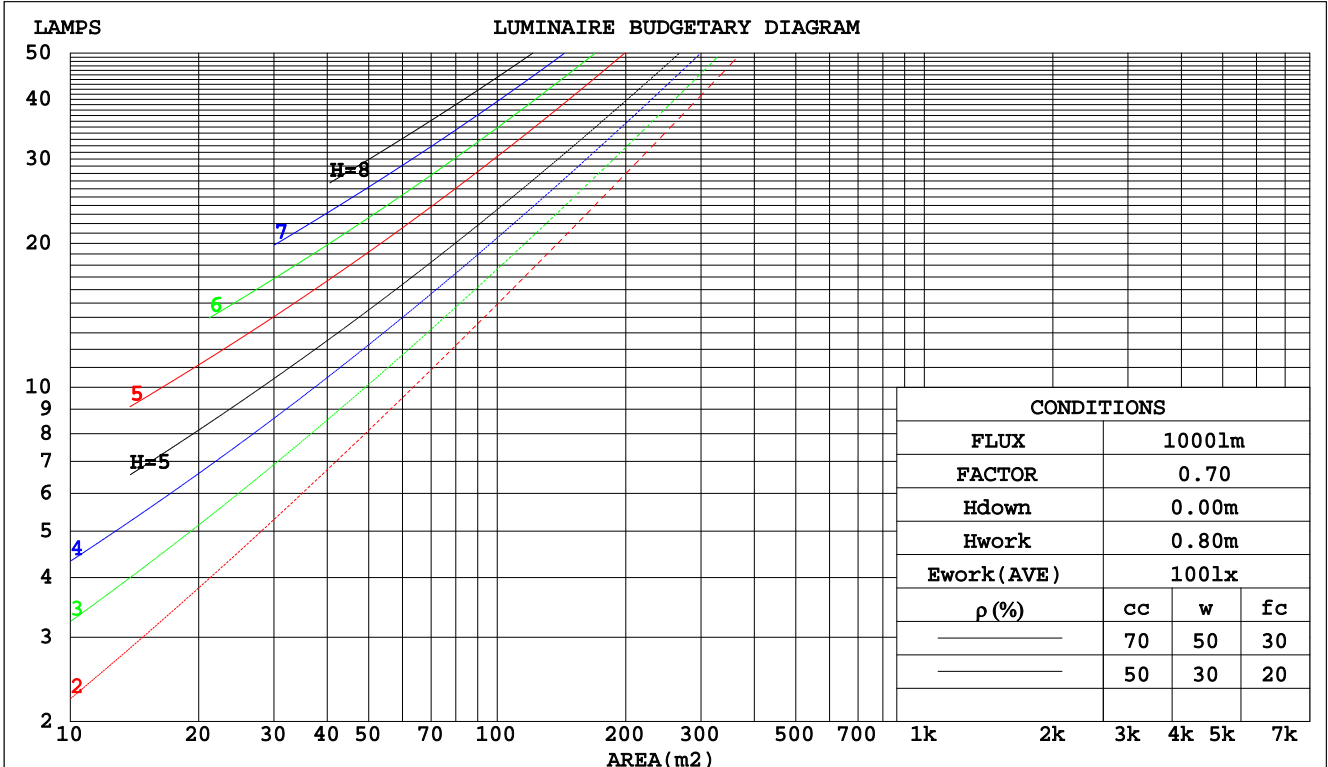
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Hill
 Test Date: 2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 44%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86
1.0	.97	.92	.88	.94	.89	.85	.87	.83	.80	.81	.78	.75	.75	.72	.70	.67
2.0	.84	.76	.70	.81	.74	.68	.75	.69	.64	.69	.65	.60	.64	.61	.57	.54
3.0	.73	.64	.57	.70	.62	.55	.65	.58	.53	.60	.55	.50	.56	.51	.47	.45
4.0	.64	.55	.48	.62	.53	.46	.57	.50	.44	.53	.47	.42	.50	.45	.40	.38
5.0	.57	.47	.41	.55	.46	.40	.51	.44	.38	.48	.41	.36	.45	.39	.35	.32
6.0	.51	.42	.35	.49	.41	.34	.46	.39	.33	.43	.37	.32	.40	.35	.30	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.34	.29	.39	.33	.28	.37	.31	.27	.24
8.0	.42	.33	.27	.41	.32	.27	.38	.31	.26	.36	.29	.25	.34	.28	.24	.22
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.21	.19
10.0	.35	.27	.22	.34	.27	.22	.32	.26	.21	.31	.24	.20	.29	.23	.19	.18



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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	.371	.211	.067	.360	.205	.065	.338	.194	.062	.319	.184	.059	.301	.174	.056	
2.0	.325	.178	.055	.315	.174	.053	.296	.165	.051	.278	.156	.049	.262	.148	.047	
3.0	.291	.155	.046	.282	.151	.045	.265	.143	.044	.249	.136	.042	.234	.129	.040	
4.0	.263	.137	.040	.255	.133	.039	.239	.127	.038	.225	.121	.036	.211	.115	.035	
5.0	.240	.122	.035	.233	.119	.035	.218	.114	.033	.205	.108	.032	.193	.103	.031	
6.0	.220	.110	.032	.214	.108	.031	.201	.103	.030	.189	.098	.029	.178	.093	.028	
7.0	.204	.101	.029	.197	.098	.028	.186	.094	.027	.175	.090	.026	.164	.085	.025	
8.0	.189	.092	.026	.183	.090	.026	.173	.086	.025	.163	.082	.024	.153	.079	.023	
9.0	.176	.085	.024	.171	.083	.023	.161	.080	.023	.152	.076	.022	.143	.073	.021	
10.0	.165	.079	.022	.161	.078	.022	.151	.074	.021	.143	.071	.020	.135	.068	.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	.294	.294	.294	.252	.252	.252	.172	.172	.172	.099	.099	.099	.032	.032	.032	
1.0	.289	.260	.234	.248	.224	.202	.169	.154	.139	.097	.089	.081	.031	.029	.026	
2.0	.282	.237	.199	.242	.204	.172	.166	.141	.120	.096	.082	.071	.031	.027	.023	
3.0	.275	.221	.177	.235	.190	.154	.162	.132	.108	.093	.077	.064	.030	.025	.021	
4.0	.267	.208	.163	.229	.180	.141	.157	.125	.100	.091	.073	.059	.029	.024	.019	
5.0	.259	.198	.153	.223	.171	.133	.153	.120	.094	.089	.070	.056	.029	.023	.018	
6.0	.252	.190	.145	.216	.164	.127	.149	.115	.090	.087	.068	.053	.028	.022	.018	
7.0	.245	.183	.140	.211	.159	.122	.145	.111	.087	.085	.066	.051	.027	.021	.017	
8.0	.238	.178	.136	.205	.154	.119	.142	.108	.084	.083	.064	.050	.027	.021	.017	
9.0	.232	.173	.133	.200	.150	.116	.138	.105	.082	.081	.062	.049	.026	.020	.016	
10.0	.226	.169	.130	.195	.146	.114	.135	.103	.081	.079	.061	.048	.026	.020	.016	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm										
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K					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	26.2	25.3	26.7	27.1	26.9	28.3	27.3	28.7	29.2
3H	26.3	27.6	26.8	28.0	28.6	29.4	30.7	29.9	31.2	31.7
4H	26.8	28.1	27.3	28.6	29.1	30.8	32.1	31.3	32.6	33.1
6H	27.2	28.4	27.7	28.9	29.4	32.4	33.5	32.9	34.0	34.6
8H	27.3	28.4	27.8	28.9	29.5	33.2	34.3	33.7	34.9	35.4
12H	27.3	28.4	27.9	28.9	29.5	34.2	35.3	34.7	35.8	36.4
4H 2H	25.9	27.2	26.4	27.7	28.2	27.4	28.7	27.9	29.2	29.7
3H	27.6	28.7	28.2	29.3	29.8	30.2	31.3	30.8	31.9	32.4
4H	28.4	29.4	28.9	29.9	30.6	31.8	32.8	32.4	33.4	34.0
6H	28.9	29.8	29.5	30.4	31.1	33.6	34.5	34.2	35.1	35.7
8H	29.1	30.0	29.7	30.5	31.2	34.6	35.4	35.2	36.0	36.7
12H	29.2	30.0	29.8	30.6	31.3	35.7	36.5	36.3	37.1	37.8
8H 4H	29.4	30.2	30.0	30.8	31.5	32.2	33.0	32.8	33.6	34.3
6H	30.3	31.0	31.0	31.6	32.4	34.2	34.9	34.9	35.5	36.3
8H	30.7	31.3	31.3	32.0	32.7	35.4	36.0	36.1	36.7	37.4
12H	31.0	31.5	31.7	32.2	33.0	36.8	37.3	37.5	38.0	38.8
12H 4H	29.7	30.5	30.3	31.1	31.8	32.2	32.9	32.8	33.6	34.2
6H	30.9	31.5	31.5	32.1	32.9	34.3	35.0	35.0	35.6	36.3
8H	31.4	32.0	32.1	32.6	33.4	35.6	36.2	36.3	36.8	37.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 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, 1697 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.8)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
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:44%
Test Distance:2.526m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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

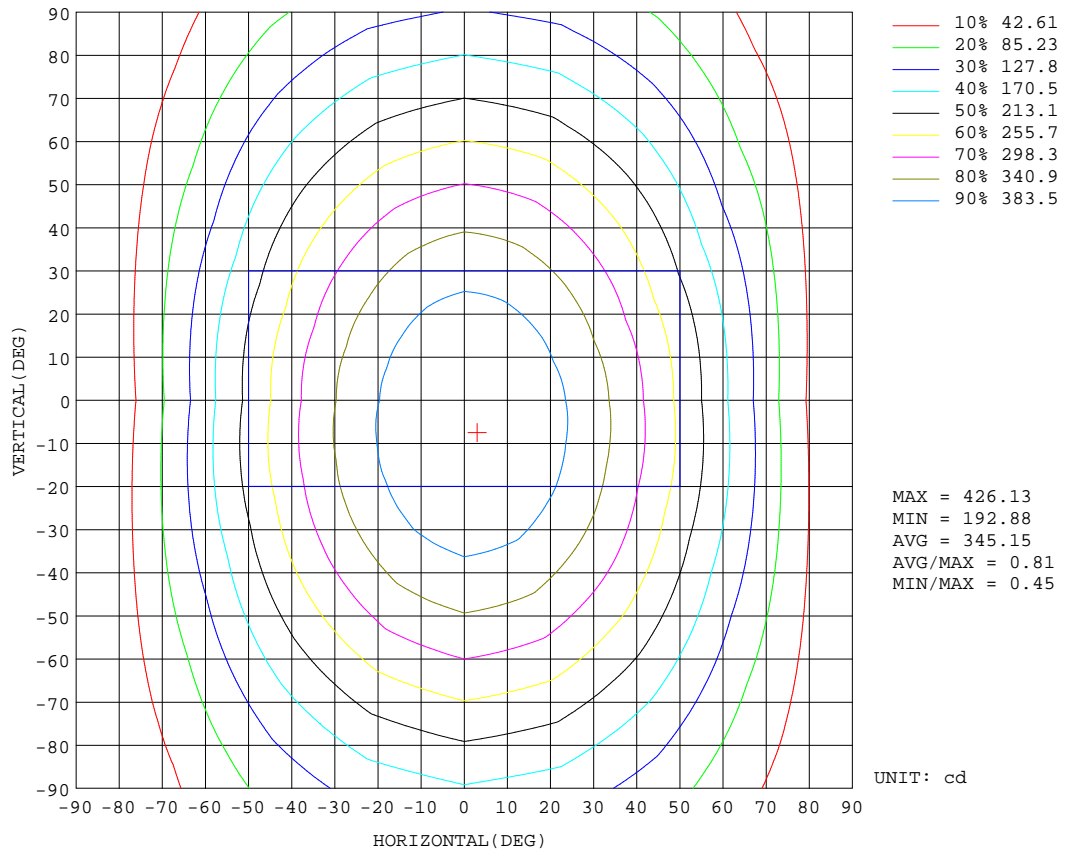
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	37	30	47	37	30	23
0.80	59	47	39	58	46	38	55	45	38	30
1.00	67	55	47	65	54	46	62	54	45	37
1.25	74	62	54	72	61	53	68	59	52	43
1.50	79	67	59	77	66	58	72	63	57	47
2.00	86	76	68	84	74	67	78	70	64	53
2.50	91	81	73	88	79	72	82	75	69	57
3.00	94	86	79	91	83	77	85	79	73	61
4.00	99	91	85	95	89	83	89	84	79	66
5.00	102	95	90	98	92	87	91	87	83	69
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: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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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

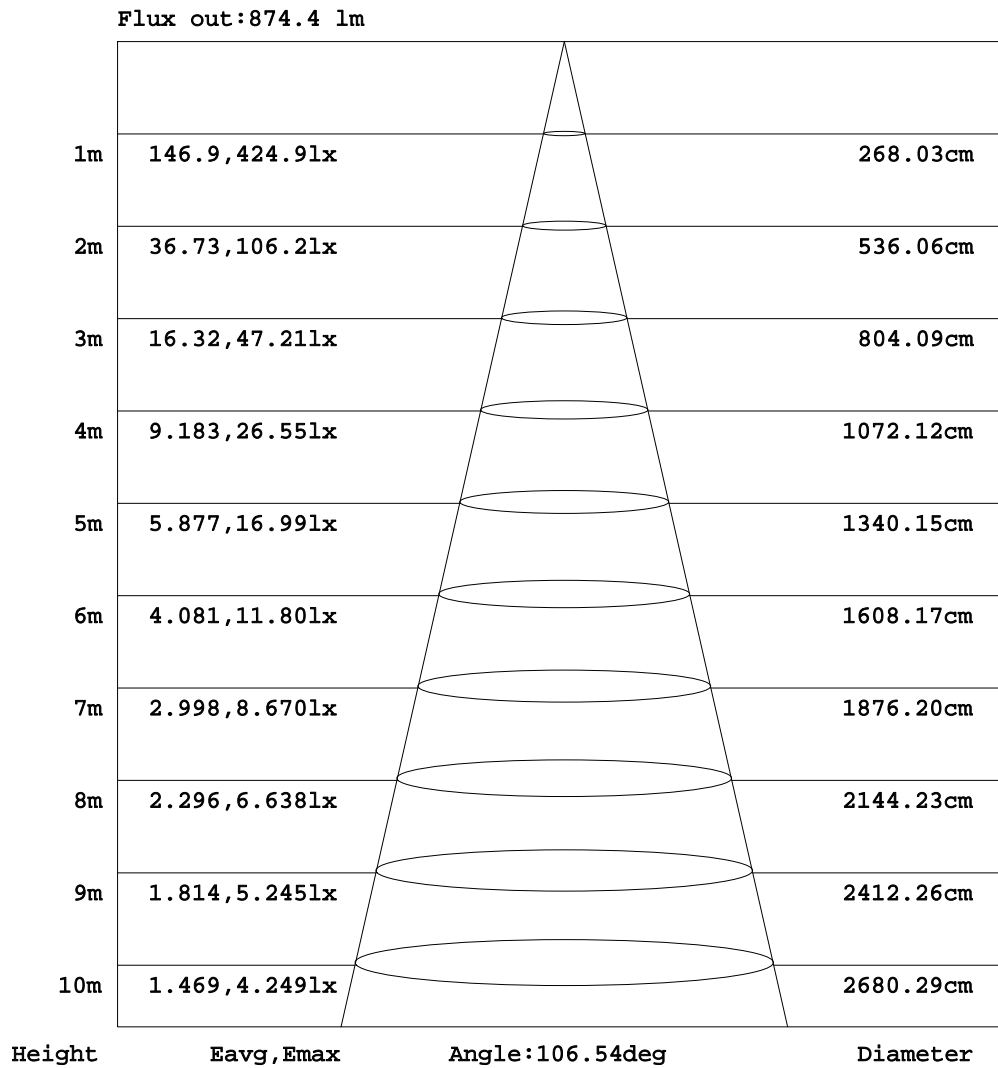


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Hill
 Test Date:2022-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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



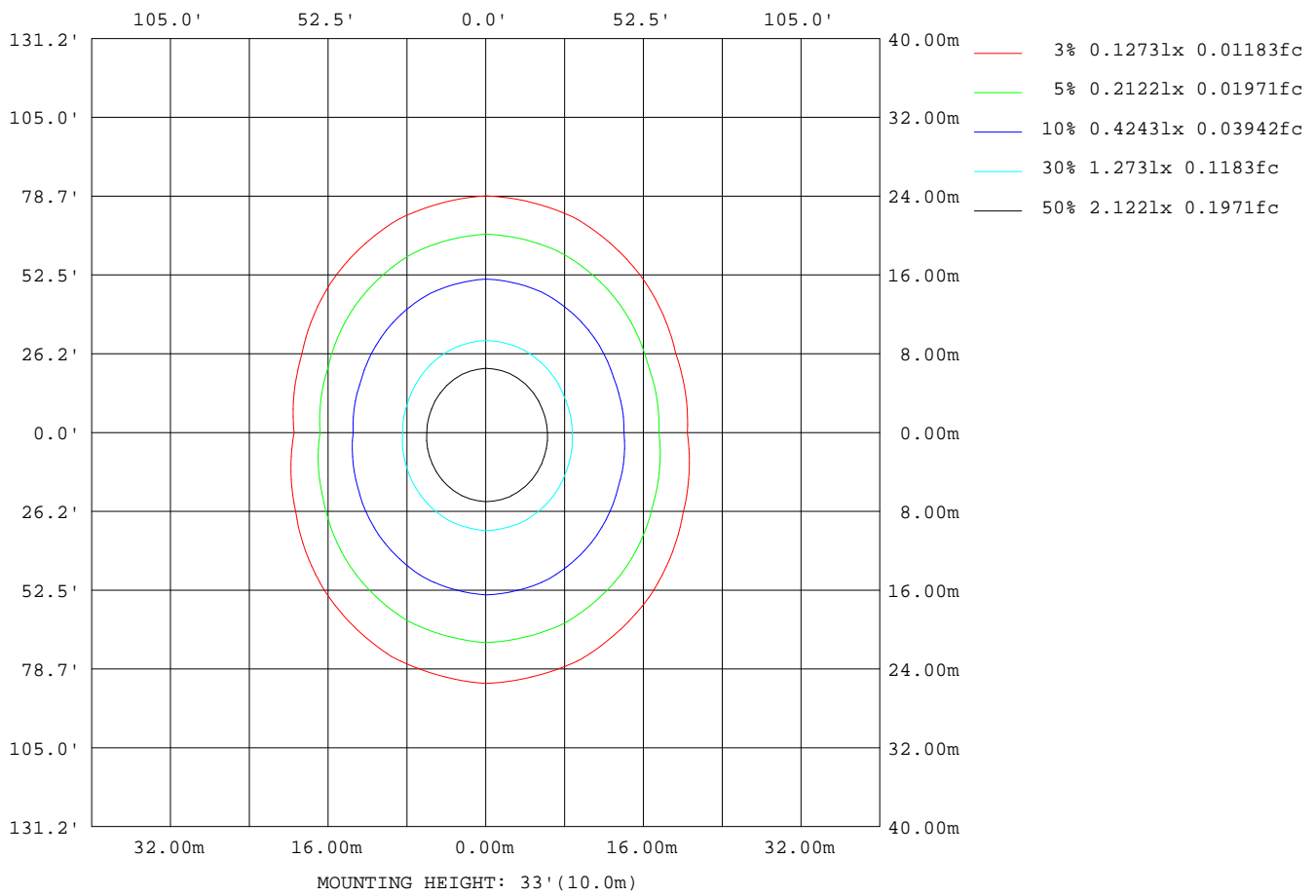
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators: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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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: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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ 3000K	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

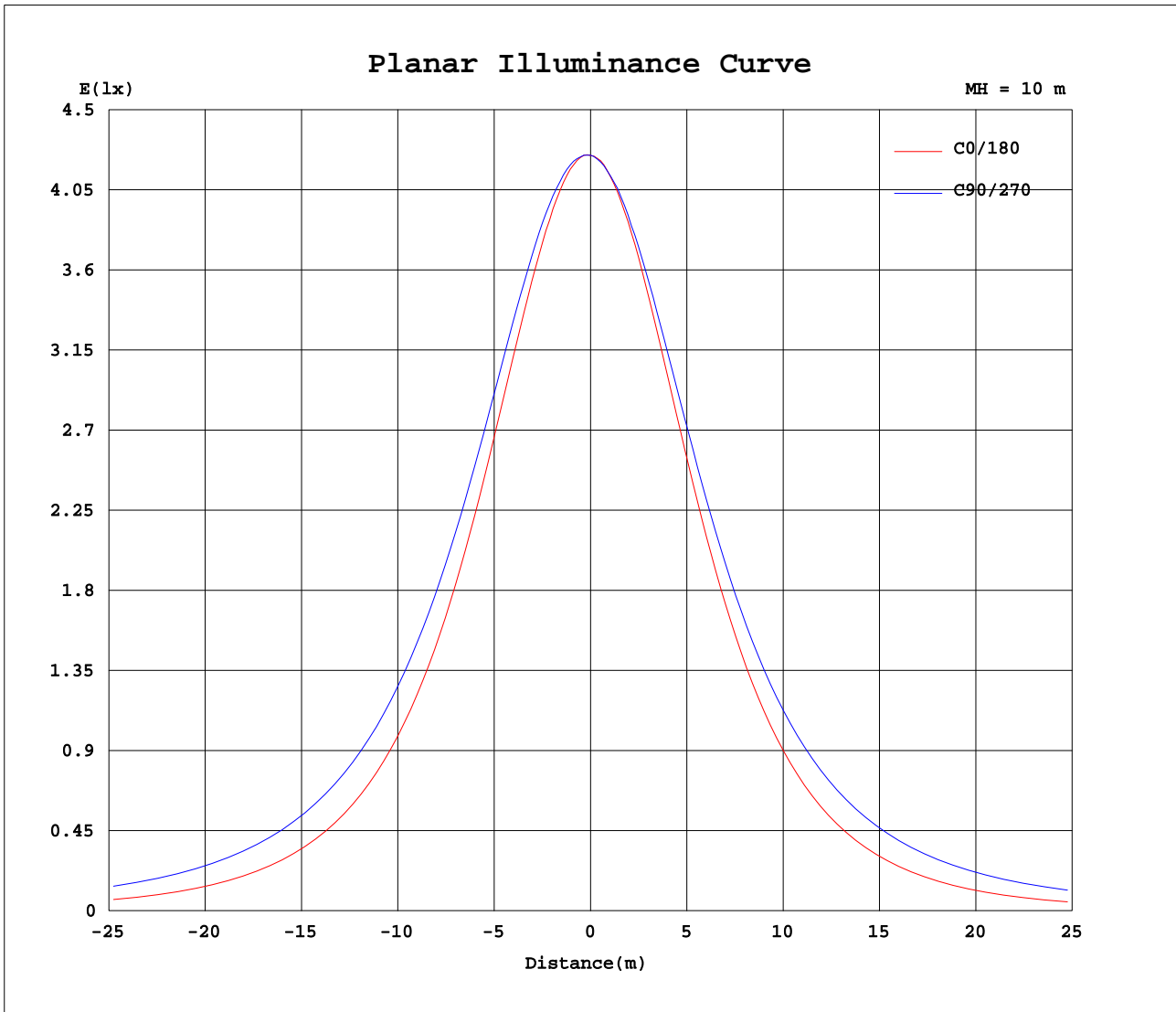
AvgL	cd/m2
L_0~180(65)av	55623
L_0~180(75)av	42011
L_0~180(85)av	16612
L_90~270(65)av	109620
L_90~270(75)av	148118
L_90~270(85)av	352125
L_45(65)av	86008
L_45(75)av	105972
L_45(85)av	226448

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
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:44%
Test Distance:2.526m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 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: 44%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.92V I:0.1767A P:20W PF:0.9245 Freq:60.00Hz Lamp Flux:1400x1 lm		
NAME: ASD-LVF21-18D20CC-NK/BZ/BK 3000K	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	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425	425			
5	424	425	426	426	426	425	423	423	421	420	420	420	420	422	422	422			
10	419	421	424	425	425	423	420	415	412	411	412	413	415	415	416	416			
15	409	413	418	422	422	419	412	405	399	398	400	404	407	407	406	405			
20	395	401	409	416	417	411	401	391	382	381	386	392	396	396	393	391			
25	378	385	397	407	409	402	387	373	363	362	369	378	384	383	378	374			
30	357	367	382	395	399	389	371	353	340	340	350	362	370	368	360	353			
35	334	345	364	382	387	375	352	329	314	315	329	345	355	351	340	330			
40	307	321	345	366	373	358	331	304	285	288	306	326	337	332	318	304			
45	278	295	323	348	357	340	308	276	255	260	282	306	319	312	294	277			
50	246	266	300	329	339	320	284	247	223	230	257	284	299	291	269	247			
55	213	236	275	308	319	299	259	216	189	200	231	262	278	269	244	217			
60	178	205	249	285	298	277	233	185	154	169	206	240	257	246	218	185			
65	142	174	223	263	276	254	207	154	117	138	181	217	235	223	192	154			
70	106	143	197	239	254	231	182	124	82.2	109	157	195	213	201	166	123			
75	70.6	113	172	216	232	208	158	96.2	49.4	83.0	133	174	191	178	142	94.5			
80	38.0	86.2	148	194	209	186	136	71.8	21.6	60.5	112	153	171	157	119	69.2			
85	12.7	63.5	127	172	188	166	116	51.6	3.30	42.7	93.9	133	151	137	99.5	48.5			
90	0.41	45.7	107	152	167	146	98.3	37.7	0.10	29.7	77.8	116	131	118	82.0	33.0			
95	0.26	33.5	91.0	134	149	129	82.7	28.0	0.32	21.1	64.3	99.5	114	102	67.3	22.6			
100	0.88	25.2	75.8	115	128	111	69.6	21.4	1.03	15.9	53.0	85.1	98.5	86.7	54.9	16.3			
105	1.84	19.6	63.5	98.9	112	95.5	58.3	17.0	2.18	12.8	43.6	72.3	84.3	73.3	44.7	12.7			
110	2.86	16.0	52.5	85.2	96.7	82.2	48.8	14.3	3.43	11.0	36.1	61.0	71.4	61.6	36.7	10.7			
115	4.00	13.7	43.7	72.0	82.4	69.7	40.9	12.6	4.78	10.2	29.9	51.1	60.0	51.5	30.1	9.76			
120	5.08	12.3	36.4	60.3	69.5	58.4	34.3	11.6	6.14	10.3	25.0	42.6	50.1	42.8	24.9	9.75			
125	6.00	11.6	30.4	50.2	57.9	48.8	28.9	11.3	7.47	10.8	21.1	35.3	41.4	35.3	21.0	10.3			
130	6.91	11.7	25.5	41.6	47.9	40.6	24.5	11.5	8.71	11.3	18.2	29.2	34.0	29.1	18.0	10.8			
135	7.79	11.9	21.6	34.2	39.3	33.5	20.8	11.9	9.83	11.7	16.7	24.1	27.9	24.2	16.4	11.3			
140	8.97	12.4	18.7	28.0	31.9	27.6	18.4	12.3	10.7	12.0	15.9	20.2	22.9	20.4	15.8	11.8			
145	10.3	12.8	17.3	23.0	25.8	22.7	17.2	12.6	11.8	12.6	15.3	18.4	19.9	18.7	15.7	12.7			
150	11.4	13.5	16.4	19.9	21.4	19.9	16.3	13.3	12.8	13.2	14.9	17.0	18.2	17.7	15.6	13.7			
155	12.5	14.2	15.9	18.1	19.0	18.0	15.8	13.9	13.9	13.6	14.6	16.0	17.0	16.9	15.6	14.5			
160	13.7	14.7	15.4	16.8	17.3	16.8	15.2	14.5	15.0	14.4	14.8	15.4	16.0	16.1	15.5	15.2			
165	13.9	15.1	15.6	15.8	16.0	15.8	15.3	14.1	13.7	13.8	14.1	15.5	15.9	16.0	16.0	15.7			
170	11.6	14.7	15.0	15.7	15.8	14.8	14.0	11.8	11.5	11.5	12.1	13.9	15.2	15.9	15.3	14.6			
175	8.88	9.24	12.8	13.0	12.1	11.5	9.13	9.06	8.66	8.69	8.81	9.20	11.1	11.5	12.2	12.6			
180	9.24	8.39	7.70	4.51	0.00	6.29	6.76	8.70	9.39	9.44	8.29	7.37	5.51	0.00	2.44	7.38			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 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:44%
 Test Distance:2.526m [K=1.0000]
 Remarks: