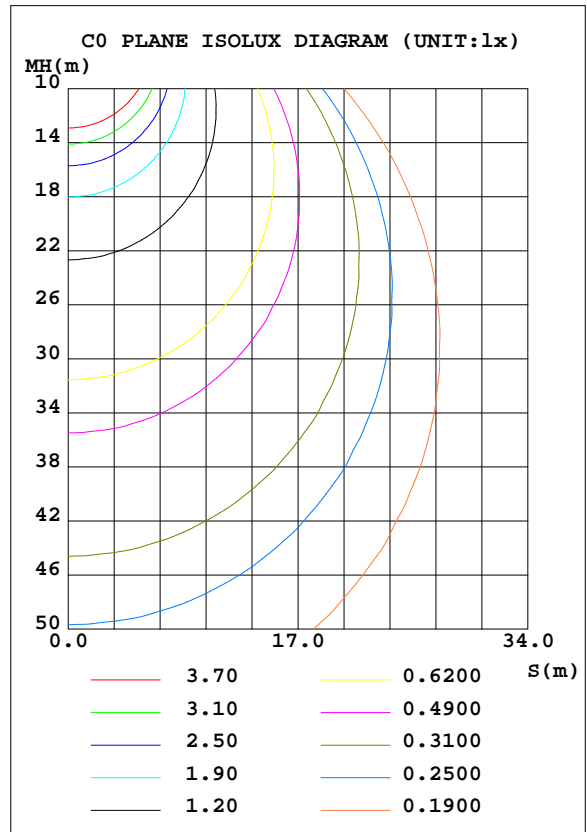
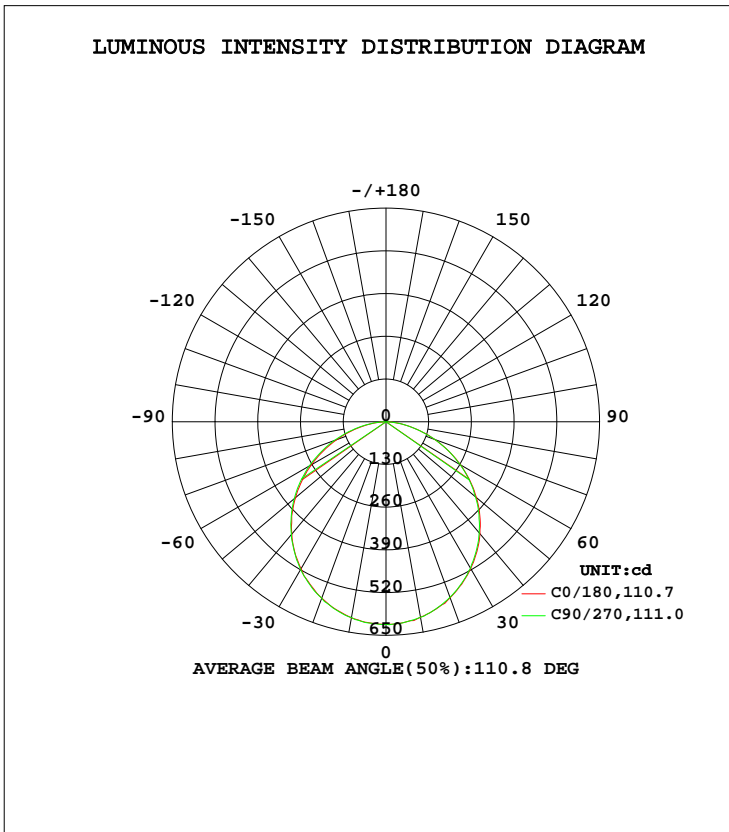


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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: 72.97 lm/W			
MODEL	PSZ2S230215008-10	I <sub>max</sub> (cd)	618.1	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1727.9	η UP, DN(C0-180)	0.1,50.5
NOMINAL FLUX(lm)	1727.85	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 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	605.7	604.6	604.7	605.3	604.5	604.7	604.0	604.9	0- 10	58.32	58.32	3.38,3.38
20	571.1	570.7	571.4	572.6	570.4	569.5	568.8	569.7	10- 20	166.7	225.0	13,13
30	516.2	517.0	519.5	519.2	516.0	514.2	514.3	514.2	20- 30	251.6	476.5	27.6,27.6
40	445.7	446.4	447.8	448.7	444.7	442.2	441.6	442.4	30- 40	301.9	778.5	45.1,45.1
50	359.5	362.7	364.5	365.0	359.3	357.4	355.6	357.2	40- 50	311.8	1090	63.1,63.1
60	262.1	266.1	270.2	269.6	261.4	261.5	260.5	259.4	50- 60	279.7	1370	79.3,79.3
70	159.7	163.8	167.7	166.0	158.3	158.0	158.0	156.0	60- 70	210.3	1580	91.5,91.5
80	63.37	66.01	69.54	67.52	61.94	60.48	60.99	59.05	70- 80	117.0	1697	98.2,98.2
90	0.1350	2.363	3.012	2.532	0.0369	0.0350	0.0365	0.0365	80- 90	28.77	1726	99.9,99.9
100	0.1477	0.1524	0.1478	0.1565	0.0639	0.0744	0.0723	0.0735	90-100	0.1439	1726	99.9,99.9
110	0.1758	0.1803	0.1816	0.1793	0.1017	0.1098	0.1114	0.1088	100-110	0.1341	1726	99.9,99.9
120	0.2299	0.2246	0.2319	0.2288	0.1591	0.1567	0.1593	0.1567	110-120	0.1644	1727	99.9,99.9
130	0.3304	0.3265	0.3370	0.3341	0.2254	0.2234	0.2197	0.2194	120-130	0.2078	1727	99.9,99.9
140	0.5057	0.5318	0.5378	0.5291	0.2884	0.2963	0.2910	0.2919	130-140	0.2592	1727	99.9,99.9
150	0.7204	0.7830	0.8001	0.7761	0.3391	0.3501	0.3610	0.3510	140-150	0.3060	1727	100,100
160	0.9204	0.9442	0.9579	0.9504	0.4563	0.4593	0.4436	0.4324	150-160	0.2926	1728	100,100
170	0.8784	0.8765	0.8834	0.8954	0.5635	0.5366	0.5295	0.5382	160-170	0.2017	1728	100,100
180	0.7332	0.7021	0.6863	0.7466	0.7389	0.7233	0.6887	0.7079	170-180	0.0683	1728	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 935.79 lm

%lum = 54.2%  
%lamp = 54.2%

Conical surface Flux(120deg): 1370 lm

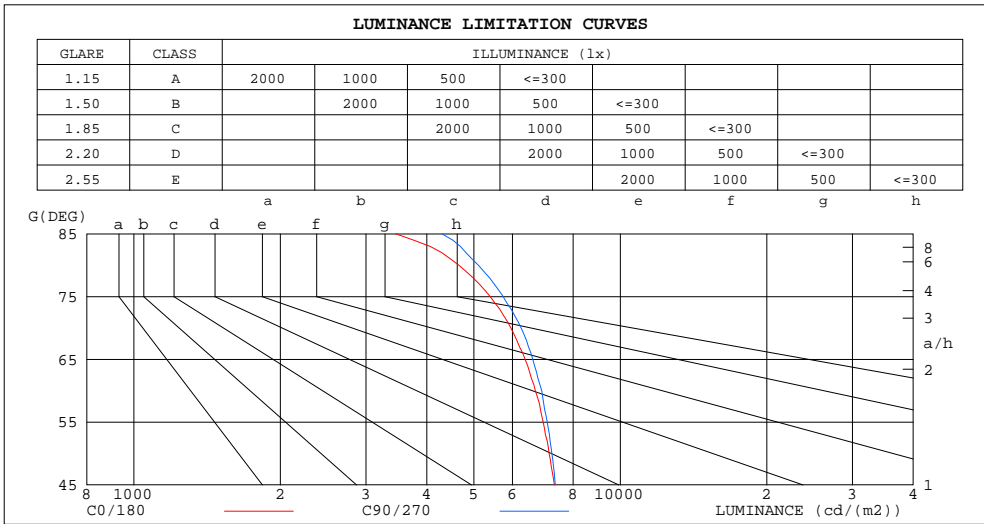
%lum = 79.3%  
%lamp = 79.3%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.6DEG  
Operators:Evan  
Test Date:2023-02-22

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
Humidity:51%  
Test Distance:2.532m [K=1.0000]  
Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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	3455	4299
80	4657	5108
75	5400	5744
70	5958	6253
65	6369	6607
60	6689	6892
55	6942	7073
50	7138	7232
45	7319	7354

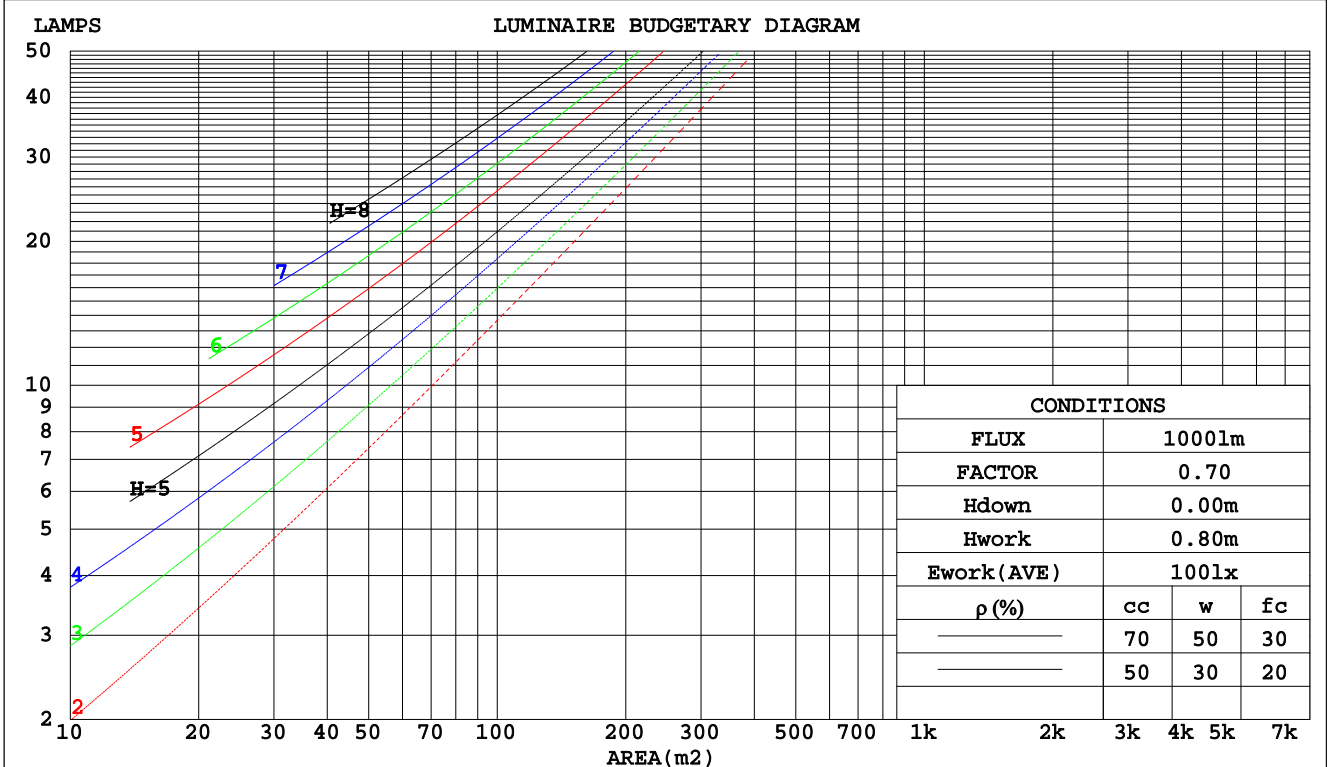
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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
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	1.19	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	.00
1.0	1.04	.00	.96	1.02	.98	.94	.98	.94	.91	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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	.306	.174	.055	.299	.170	.054	.285	.164	.052	.273	.158	.051	.262	.152	.049	
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.260	.146	.046	.250	.142	.045	
3.0	.268	.143	.043	.263	.141	.042	.252	.137	.042	.243	.133	.041	.234	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.188	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.021	

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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.059	.135	.088	.052	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm										
NAME: LED luminaire					TYPE:N/A			WEIGHT:N/A		
SPEC.:ASD-MPS-12D24CC-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	19.6	21.1	19.9	21.3	21.5	19.7	21.2	20.0	21.4	21.6
3H	21.1	22.5	21.4	22.7	22.9	21.2	22.6	21.5	22.9	23.1
4H	21.6	23.0	21.9	23.2	23.5	21.8	23.2	22.1	23.4	23.7
6H	22.0	23.3	22.3	23.5	23.8	22.2	23.5	22.6	23.8	24.0
8H	22.1	23.3	22.5	23.6	23.9	22.4	23.6	22.7	23.9	24.2
12H	22.2	23.3	22.5	23.6	23.9	22.4	23.6	22.8	23.9	24.2
4H 2H	20.2	21.6	20.5	21.8	22.1	20.3	21.6	20.6	21.9	22.1
3H	21.9	23.0	22.2	23.3	23.6	22.0	23.2	22.4	23.5	23.8
4H	22.5	23.6	22.9	23.9	24.3	22.7	23.8	23.1	24.1	24.4
6H	23.0	24.0	23.4	24.3	24.7	23.3	24.2	23.7	24.6	24.9
8H	23.2	24.1	23.6	24.4	24.8	23.4	24.3	23.9	24.7	25.1
12H	23.3	24.1	23.7	24.5	24.9	23.6	24.4	24.0	24.7	25.2
8H 4H	22.8	23.7	23.2	24.1	24.4	23.0	23.8	23.4	24.2	24.6
6H	23.4	24.2	23.9	24.6	25.0	23.6	24.4	24.1	24.8	25.2
8H	23.7	24.3	24.1	24.7	25.2	23.9	24.5	24.4	25.0	25.4
12H	23.8	24.4	24.3	24.8	25.3	24.1	24.6	24.6	25.1	25.6
12H 4H	22.8	23.6	23.2	24.0	24.4	23.0	23.8	23.4	24.2	24.6
6H	23.5	24.1	24.0	24.6	25.0	23.7	24.3	24.1	24.8	25.2
8H	23.8	24.3	24.2	24.8	25.2	24.0	24.5	24.5	25.0	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1728 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

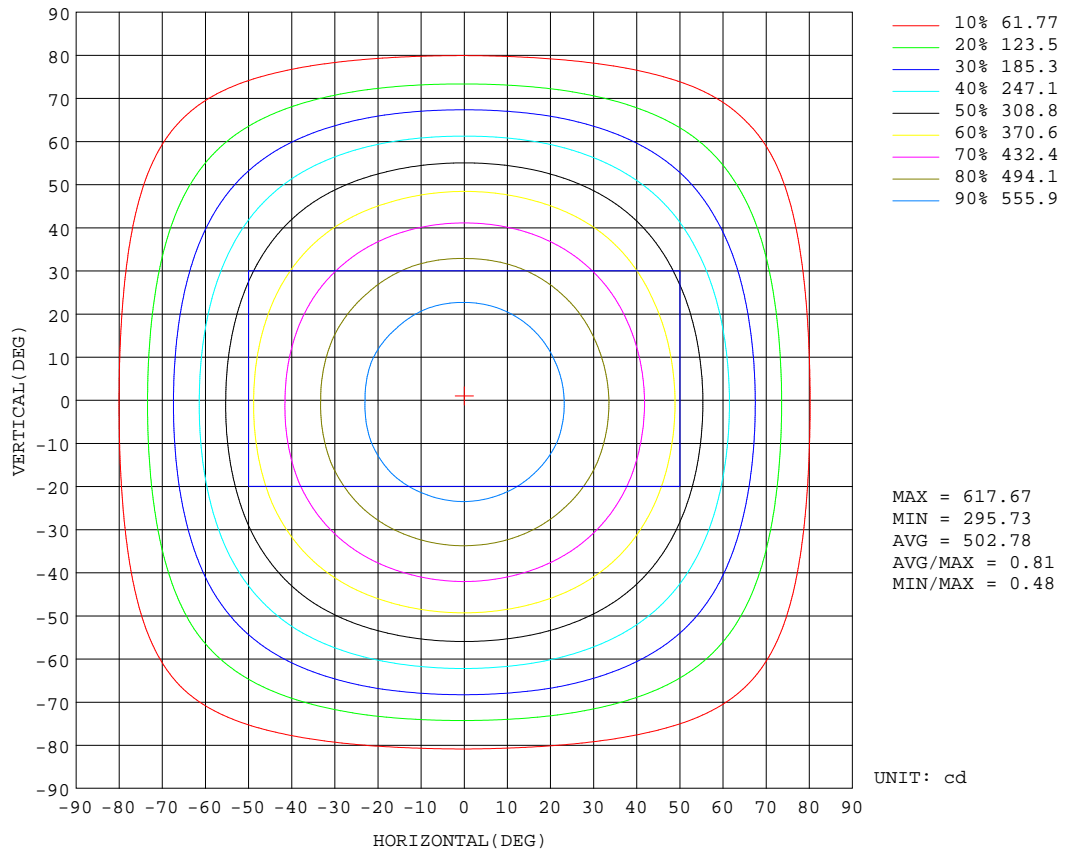
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	62
2.00	95	87	80	93	85	80	90	83	78	70
2.50	99	91	85	97	90	84	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:Evan  
 Test Date:2023-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

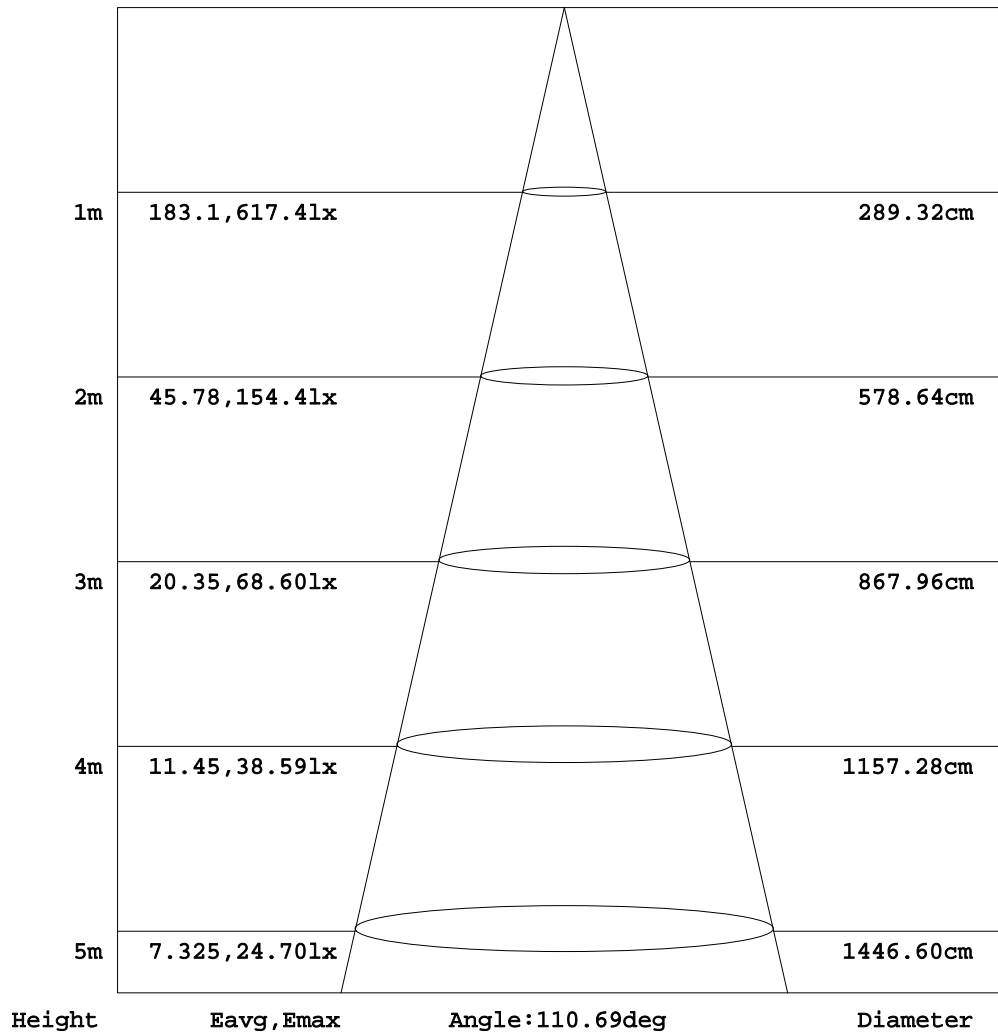
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

Flux out:1265 lm



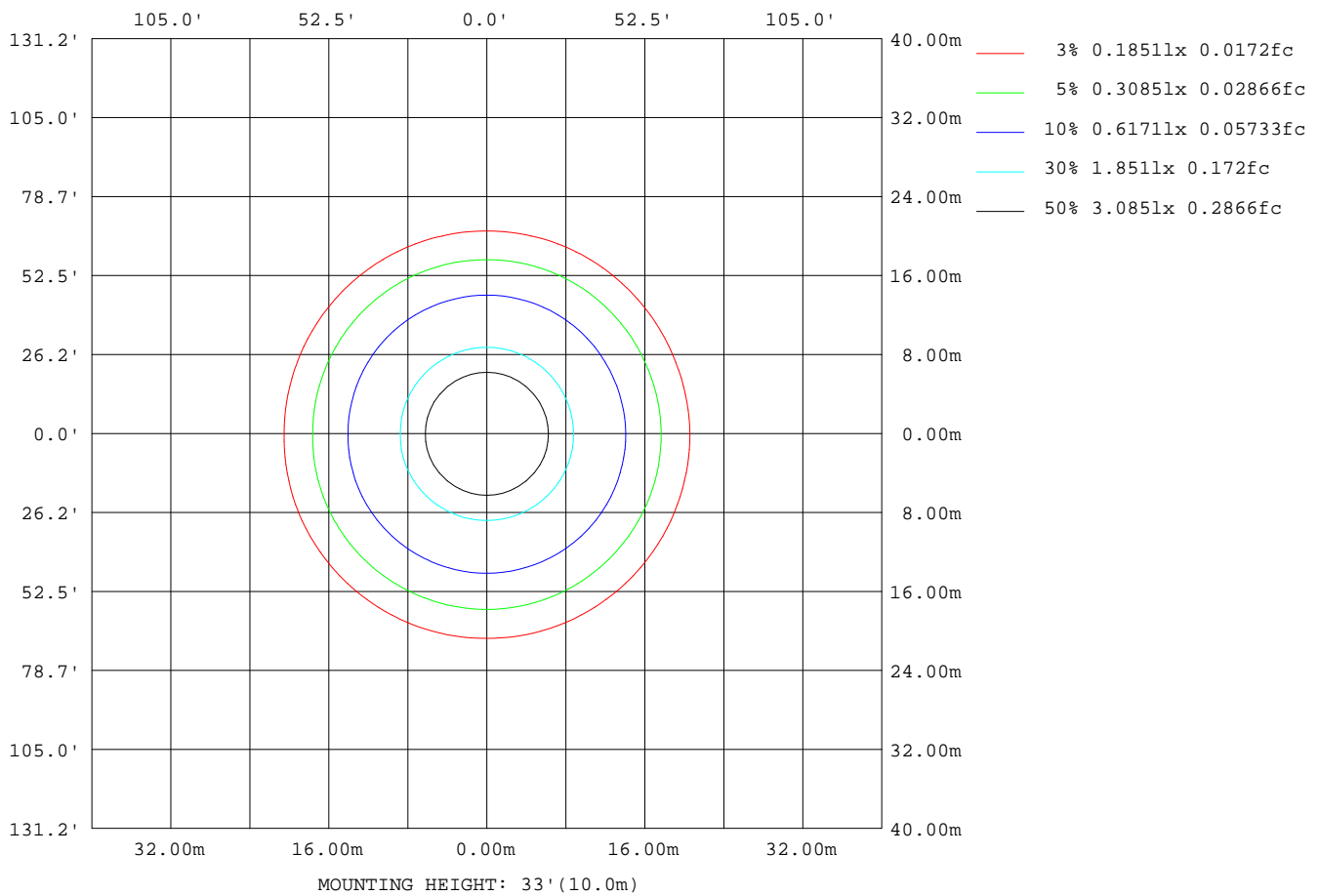
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-BK 5000K	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD LIGHTING CORP	SUR.:N/A	Shielding Angle:N/A

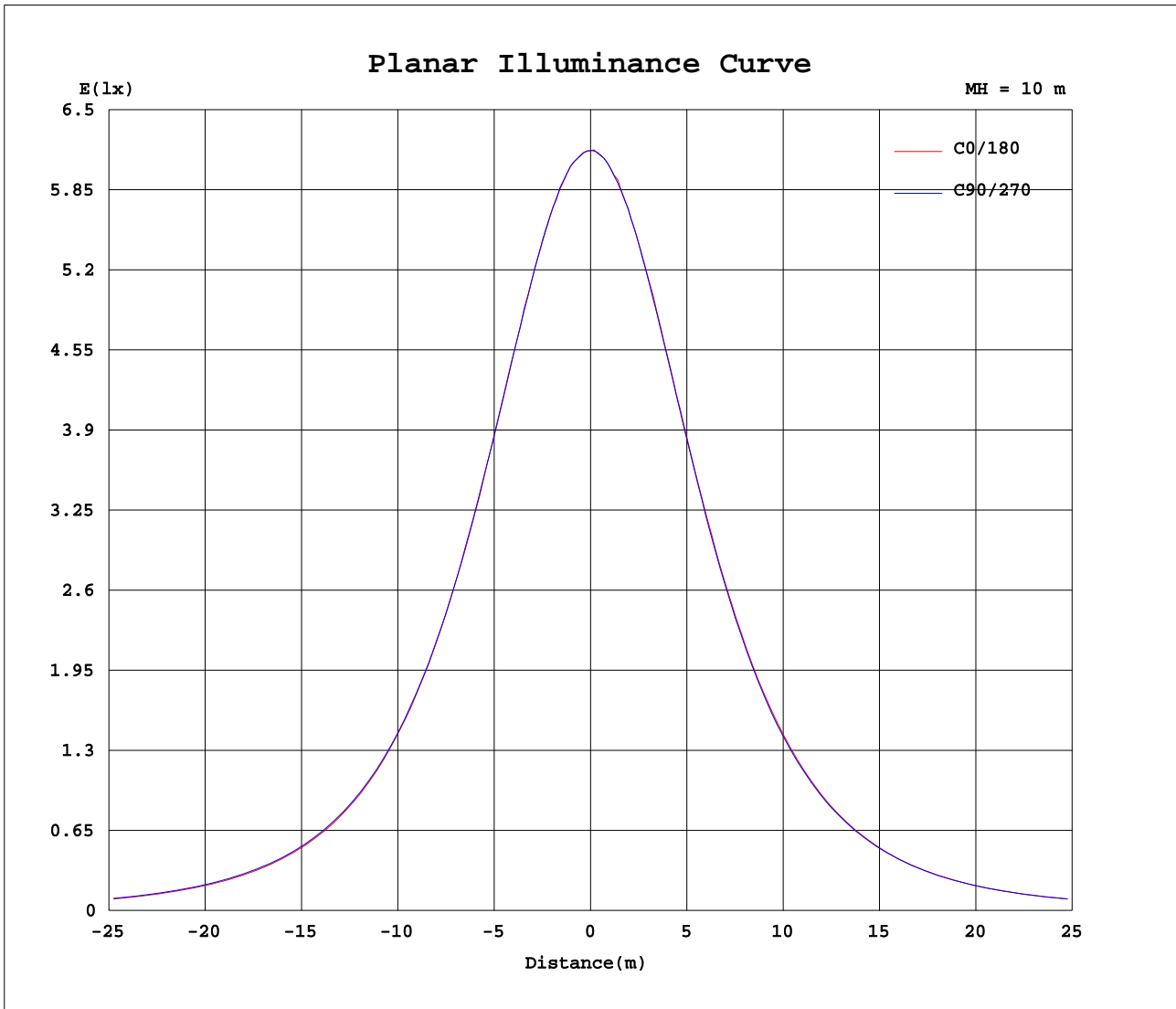
AvgL	cd/m2
L_0~180(65)av	6351
L_0~180(75)av	5348
L_0~180(85)av	3381
L_90~270(65)av	6468
L_90~270(75)av	5506
L_90~270(85)av	3815
L_45(65)av	6422
L_45(75)av	5422
L_45(85)av	3450

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:51%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.6DEG  
 Operators: Evan  
 Test Date: 2023-02-22

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity: 51%  
 Test Distance: 2.532m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2118A P:23.68W PF:0.9318 Lamp Flux:1727.85x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPS-12D24CC-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	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617	617			
5	614	615	614	613	615	614	615	613	613	614	613	614	614	613	614	612			
10	606	605	605	606	605	607	605	606	604	604	605	604	604	604	605	604			
15	591	592	591	591	592	591	593	591	590	590	589	590	589	589	590	588			
20	571	572	571	573	571	573	573	572	570	570	569	569	569	569	570	570			
25	546	547	547	546	548	547	549	547	546	545	544	544	544	543	544	544			
30	516	518	517	518	519	519	519	519	516	515	514	513	514	513	514	514			
35	484	484	484	484	485	485	486	486	482	482	480	479	479	479	480	481			
40	446	448	446	448	448	448	449	449	445	444	442	441	442	441	442	443			
45	406	406	407	407	408	408	409	408	404	403	402	400	400	400	401	401			
50	360	361	363	364	364	364	365	365	359	359	357	356	356	356	357	356			
55	312	313	316	318	318	318	319	317	312	311	311	310	309	309	310	308			
60	262	264	266	269	270	269	270	267	261	261	262	261	260	260	259	258			
65	211	213	215	219	219	219	218	215	210	209	210	210	210	210	208	207			
70	160	161	164	167	168	168	166	164	158	158	158	159	158	158	156	155			
75	110	111	113	116	117	117	115	113	108	107	107	107	107	106	105	105			
80	63.4	64.7	66.0	68.3	69.5	69.1	67.5	66.5	61.9	61.1	60.5	61.0	61.0	60.1	59.1	59.3			
85	23.6	24.6	25.8	27.8	29.4	28.2	26.7	25.7	22.6	21.8	21.4	22.0	22.8	21.4	20.4	21.3			
90	0.14	0.15	2.36	2.78	3.01	2.98	2.53	0.29	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04			
95	0.13	0.12	0.13	0.13	0.12	0.12	0.13	0.12	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
100	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.15	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
105	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
110	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11			
115	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
120	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.23	0.16	0.16	0.16	0.16	0.16	0.15	0.16	0.16			
125	0.28	0.27	0.27	0.27	0.28	0.28	0.27	0.27	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.19			
130	0.33	0.33	0.33	0.33	0.34	0.34	0.33	0.33	0.23	0.23	0.22	0.23	0.22	0.23	0.22	0.23			
135	0.39	0.41	0.41	0.41	0.42	0.42	0.41	0.39	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26			
140	0.51	0.52	0.53	0.53	0.54	0.54	0.53	0.50	0.29	0.28	0.30	0.30	0.29	0.29	0.29	0.29			
145	0.62	0.65	0.67	0.69	0.70	0.69	0.65	0.63	0.31	0.31	0.32	0.34	0.33	0.33	0.32	0.33			
150	0.72	0.76	0.78	0.80	0.80	0.80	0.78	0.74	0.34	0.34	0.35	0.36	0.36	0.36	0.35	0.37			
155	0.83	0.87	0.89	0.90	0.91	0.90	0.89	0.86	0.39	0.38	0.41	0.41	0.40	0.41	0.39	0.43			
160	0.92	0.93	0.94	0.98	0.96	0.97	0.95	0.92	0.46	0.45	0.46	0.44	0.44	0.44	0.43	0.48			
165	0.92	0.92	0.94	0.95	0.97	0.95	0.96	0.91	0.50	0.49	0.48	0.49	0.49	0.48	0.49	0.52			
170	0.88	0.87	0.88	0.88	0.88	0.89	0.90	0.88	0.56	0.56	0.54	0.52	0.53	0.52	0.54	0.57			
175	0.86	0.83	0.82	0.80	0.79	0.81	0.84	0.85	0.65	0.65	0.63	0.60	0.60	0.59	0.62	0.66			
180	0.73	0.72	0.70	0.68	0.69	0.71	0.75	0.76	0.74	0.74	0.72	0.71	0.69	0.69	0.71	0.75			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.6DEG  
 Operators:Evan  
 Test Date:2023-02-22

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
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