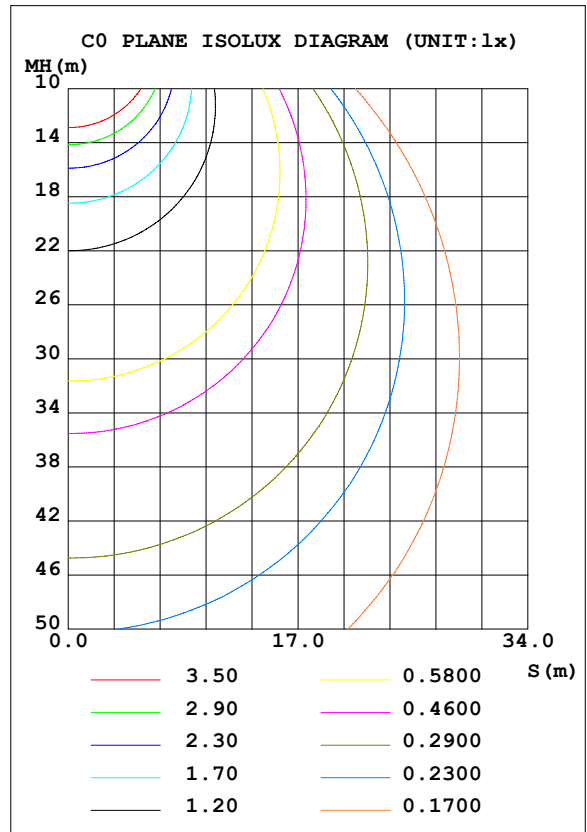
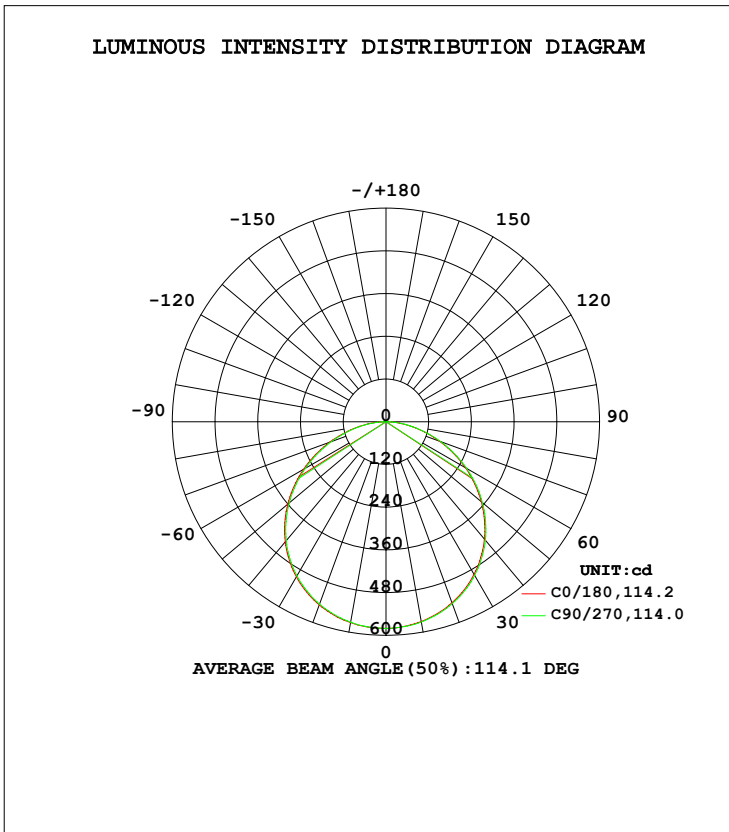


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-MPR-12D2450-WH	Imax (cd)	580.8	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1702.7	η UP, DN (C0-180)	0.1, 50.1
NOMINAL FLUX (lm)	1702.74	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.8
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: 24.9DEG
 Operators: East
 Test Date: 2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.485m [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	573.0	573.2	571.8	571.0	569.7	570.1	571.2	572.4	0- 10	54.99	54.99	3.23,3.23
20	547.7	547.4	545.3	542.7	541.4	542.3	543.9	546.1	10- 20	158.2	213.2	12.5,12.5
30	503.3	503.2	500.1	496.2	494.9	496.2	498.3	501.1	20- 30	241.6	454.8	26.7,26.7
40	440.2	440.3	435.9	431.4	430.4	431.8	434.4	437.5	30- 40	293.6	748.4	44,44
50	360.0	360.1	354.9	350.0	349.7	351.4	353.6	357.2	40- 50	305.9	1054	61.9,61.9
60	267.2	266.9	261.4	257.1	257.3	259.4	261.2	264.7	50- 60	276.4	1331	78.2,78.2
70	168.0	168.0	162.8	159.4	160.0	161.8	163.2	166.0	60- 70	210.6	1541	90.5,90.5
80	75.02	74.71	70.80	68.26	68.89	69.93	70.65	72.92	70- 80	122.7	1664	97.7,97.7
90	3.938	3.380	2.462	2.404	0.1748	0.2077	0.1028	0.1018	80- 90	36.52	1701	99.9,99.9
100	0.1670	0.1700	0.1690	0.1700	0.0735	0.0737	0.0727	0.0706	90-100	0.1927	1701	99.9,99.9
110	0.2090	0.2131	0.2112	0.2082	0.1292	0.1298	0.1278	0.1245	100-110	0.1526	1701	99.9,99.9
120	0.2666	0.2737	0.2707	0.2669	0.2014	0.2017	0.1996	0.1955	110-120	0.1976	1701	99.9,99.9
130	0.3982	0.4010	0.3976	0.3932	0.2758	0.2764	0.2744	0.2714	120-130	0.2515	1701	99.9,99.9
140	0.6244	0.6314	0.6260	0.6246	0.3435	0.3454	0.3453	0.3426	130-140	0.3126	1702	99.9,99.9
150	0.9353	0.9382	0.9322	0.9313	0.4165	0.4197	0.4192	0.4183	140-150	0.3653	1702	100,100
160	1.143	1.141	1.138	1.135	0.5288	0.5320	0.5304	0.5332	150-160	0.3513	1702	100,100
170	1.050	1.048	1.044	1.039	0.6226	0.6224	0.6183	0.6219	160-170	0.2393	1703	100,100
180	0.8655	0.8635	0.8611	0.8581	0.8671	0.8660	0.8648	0.8573	170-180	0.0800	1703	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 9.1 %								UNIT:lm			

Conical surface Flux(90deg): 902.47 lm

%lum = 53.0%
 %lamp = 53.0%

Conical surface Flux(120deg): 1330.7 lm

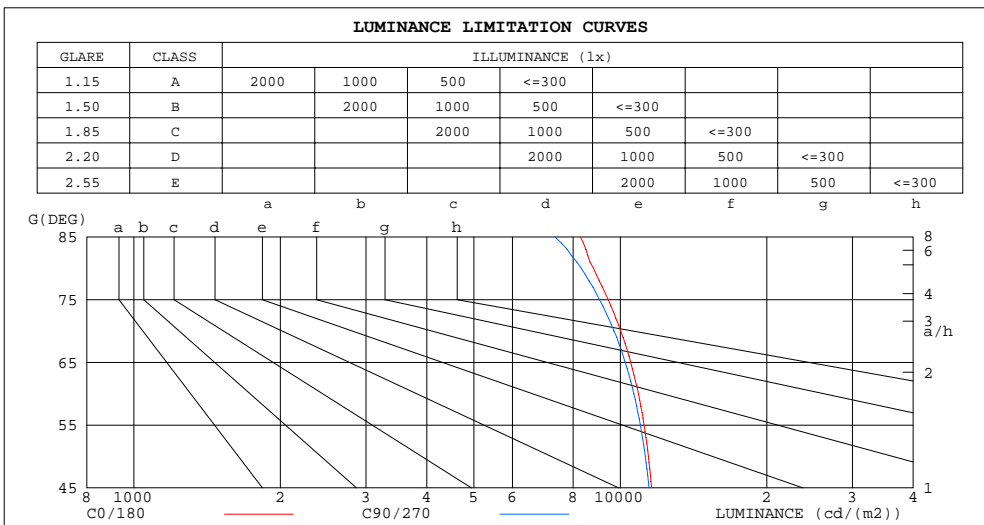
%lum = 78.2%
 %lamp = 78.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	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	8274	7336
80	8807	8312
75	9440	9057
70	10014	9703
65	10505	10231
60	10895	10659
55	11186	10991
50	11418	11256
45	11594	11453

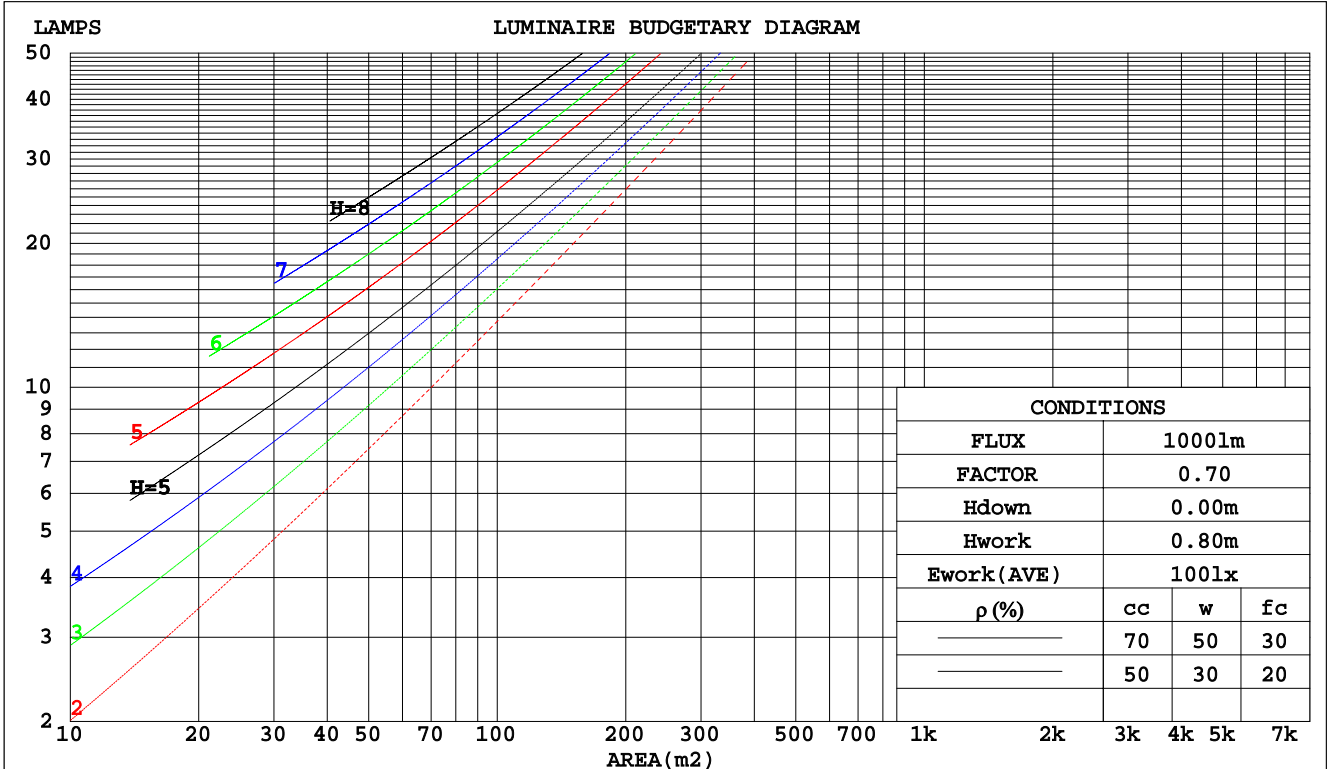
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	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	1.19	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	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	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	.314	.179	.057	.307	.175	.056	.294	.168	.054	.281	.162	.052	.270	.156	.050	
2.0	.295	.161	.050	.288	.159	.049	.276	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.130	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.120	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.106	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.186	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.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	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.142	.099	.065	.098	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.129	.079	.042	.089	.055	.029	.052	.033	.017	.017	.011	.006	
6.0	.144	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.076	.034	.118	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm										
NAME: ASD Lighting corp					TYPE:N/A			WEIGHT:N/A		
SPEC.:ASD-MPR-12D2450-WH					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	21.3	22.9	21.6	23.1	23.3	21.3	22.8	21.5	23.0	23.2
3H	22.9	24.3	23.2	24.5	24.8	22.8	24.2	23.1	24.4	24.7
4H	23.5	24.9	23.8	25.1	25.4	23.4	24.7	23.7	25.0	25.2
6H	24.0	25.3	24.3	25.5	25.8	23.8	25.1	24.2	25.4	25.6
8H	24.1	25.4	24.5	25.7	26.0	24.0	25.2	24.3	25.5	25.8
12H	24.3	25.4	24.6	25.7	26.0	24.1	25.2	24.4	25.5	25.8
4H 2H	21.9	23.3	22.3	23.5	23.8	21.9	23.2	22.2	23.5	23.7
3H	23.7	24.9	24.0	25.2	25.5	23.6	24.8	23.9	25.1	25.4
4H	24.4	25.5	24.8	25.8	26.2	24.3	25.4	24.7	25.7	26.1
6H	25.1	26.0	25.5	26.4	26.7	24.9	25.9	25.3	26.2	26.6
8H	25.3	26.2	25.7	26.5	26.9	25.1	26.0	25.5	26.4	26.8
12H	25.4	26.3	25.9	26.7	27.1	25.2	26.1	25.7	26.5	26.9
8H 4H	24.7	25.6	25.1	26.0	26.4	24.6	25.5	25.0	25.9	26.3
6H	25.5	26.2	25.9	26.6	27.1	25.4	26.1	25.8	26.5	26.9
8H	25.8	26.5	26.3	26.9	27.4	25.7	26.3	26.1	26.7	27.2
12H	26.1	26.6	26.6	27.1	27.6	25.9	26.5	26.4	26.9	27.4
12H 4H	24.7	25.6	25.2	25.9	26.4	24.6	25.5	25.1	25.8	26.3
6H	25.6	26.2	26.0	26.6	27.1	25.4	26.1	25.9	26.5	27.0
8H	25.9	26.5	26.4	26.9	27.4	25.8	26.3	26.3	26.8	27.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 1703 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

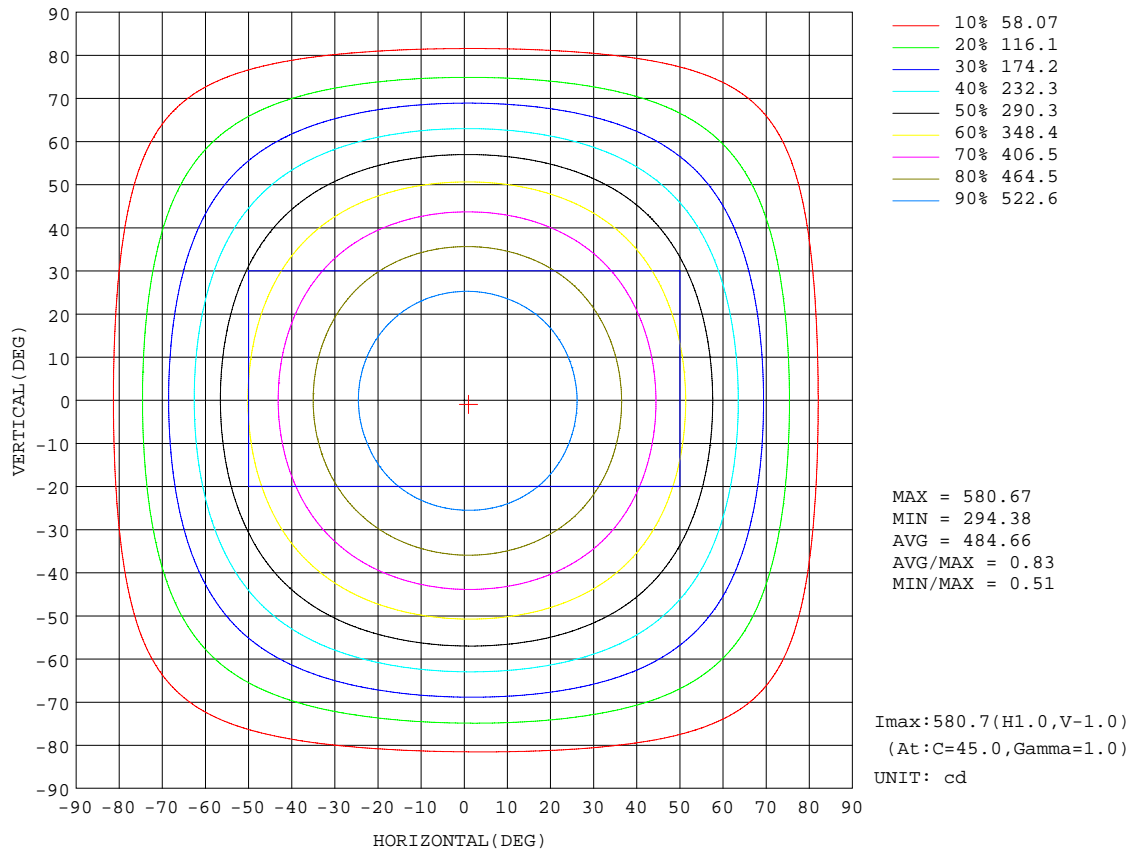
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	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:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

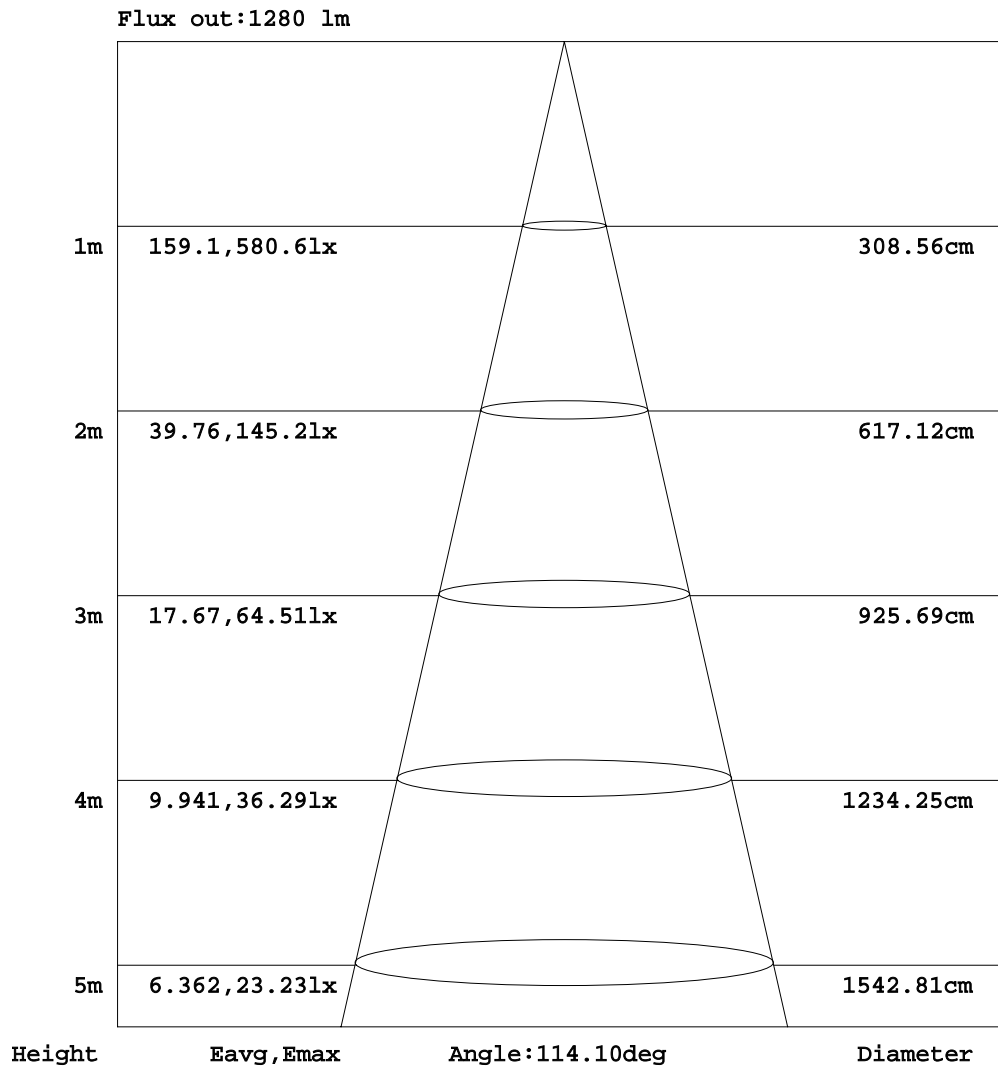


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



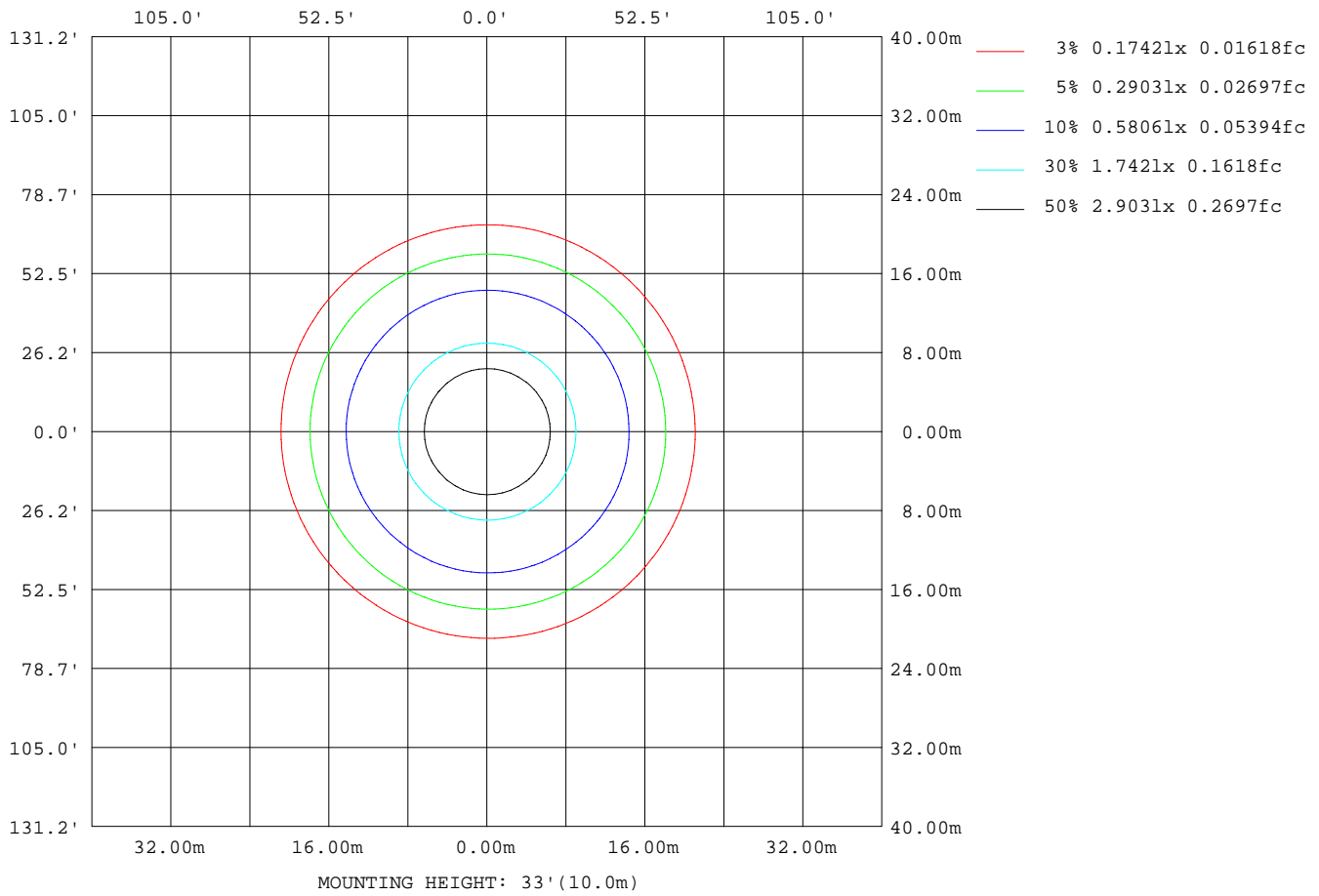
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	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:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

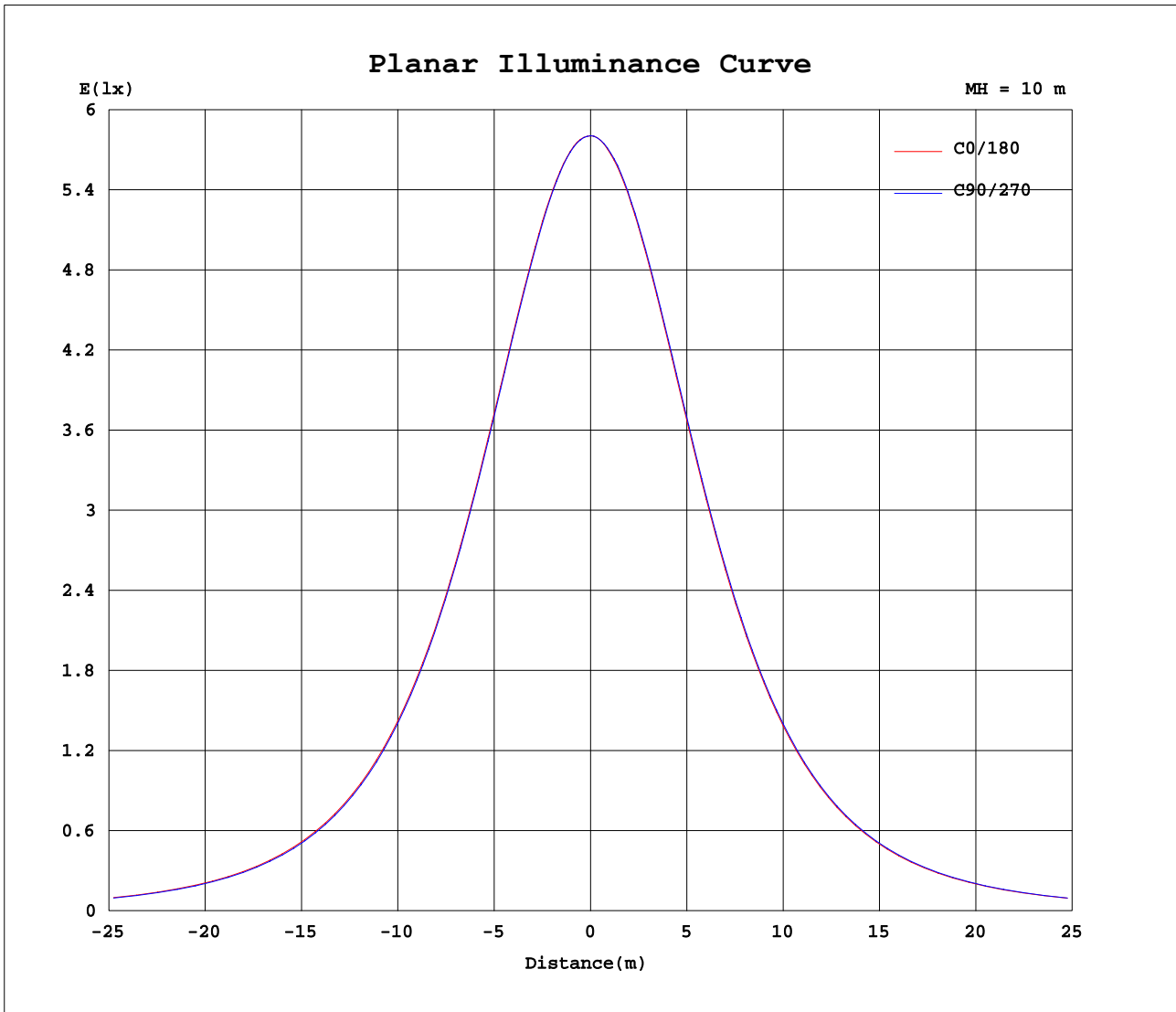
AvgL	cd/m2
L_0~180 (65) av	10284
L_0~180 (75) av	9137
L_0~180 (85) av	7721
L_90~270 (65) av	10232
L_90~270 (75) av	9042
L_90~270 (85) av	7368
L_45 (65) av	10273
L_45 (75) av	9110
L_45 (85) av	7572

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
 Test Date:2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: East
 Test Date: 2020-05-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.485m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2082A P:23.64W PF:0.9461 Lamp Flux:1702.74x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-MPR-12D2450-WH	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	580	580	580	580	580	580	580	580	580	580	580	580	580	580	580	580			
5	579	579	579	579	578	578	578	578	577	577	578	578	578	578	579	579			
10	573	573	573	573	572	571	571	570	570	570	570	571	571	572	572	573			
15	563	563	563	562	561	560	559	558	558	558	558	559	560	561	561	562			
20	548	547	547	547	545	544	543	542	541	541	542	543	544	545	546	547			
25	528	528	528	527	525	523	522	521	520	521	521	523	524	524	526	527			
30	503	504	503	502	500	498	496	495	495	495	496	497	498	500	501	502			
35	474	474	474	473	470	468	466	465	465	465	466	468	468	470	472	473			
40	440	441	440	438	436	433	431	430	430	431	432	433	434	436	437	439			
45	402	403	402	400	397	395	392	392	391	392	394	395	396	398	399	401			
50	360	361	360	358	355	352	350	349	350	350	351	353	354	356	357	359			
55	315	316	315	313	309	307	305	304	304	305	306	307	309	310	312	314			
60	267	268	267	264	261	259	257	257	257	258	259	260	261	263	265	266			
65	218	218	218	215	212	210	208	208	209	210	211	212	212	214	216	217			
70	168	169	168	165	163	161	159	159	160	161	162	163	163	164	166	167			
75	120	120	120	117	115	113	112	112	112	113	114	114	115	116	117	119			
80	75.0	75.3	74.7	72.8	70.8	69.3	68.3	68.3	68.9	69.5	69.9	70.3	70.6	71.6	72.9	74.1			
85	35.4	35.3	34.3	32.7	31.4	30.4	29.9	29.8	30.7	30.9	31.0	31.2	31.6	32.8	34.3	35.4			
90	3.94	3.97	3.38	2.77	2.46	2.42	2.40	2.36	0.17	0.20	0.21	0.15	0.10	0.12	0.10	0.06			
95	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
100	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
105	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10			
110	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13			
115	0.23	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
120	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20			
125	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.24			
130	0.40	0.40	0.40	0.40	0.40	0.39	0.39	0.40	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27			
135	0.50	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31			
140	0.62	0.63	0.63	0.63	0.63	0.62	0.62	0.63	0.34	0.35	0.35	0.34	0.35	0.34	0.34	0.34			
145	0.79	0.80	0.80	0.80	0.79	0.79	0.79	0.79	0.38	0.38	0.39	0.38	0.38	0.38	0.38	0.38			
150	0.94	0.94	0.94	0.94	0.93	0.93	0.93	0.93	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42			
155	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48			
160	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.54			
165	1.13	1.13	1.13	1.12	1.12	1.12	1.12	1.12	0.57	0.58	0.58	0.57	0.57	0.57	0.58	0.58			
170	1.05	1.05	1.05	1.05	1.04	1.04	1.04	1.04	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62			
175	0.99	0.99	0.98	0.98	0.98	0.98	0.98	0.98	0.72	0.71	0.71	0.71	0.71	0.71	0.71	0.71			
180	0.87	0.86	0.86	0.87	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.86	0.86	0.86	0.86			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:East
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks: