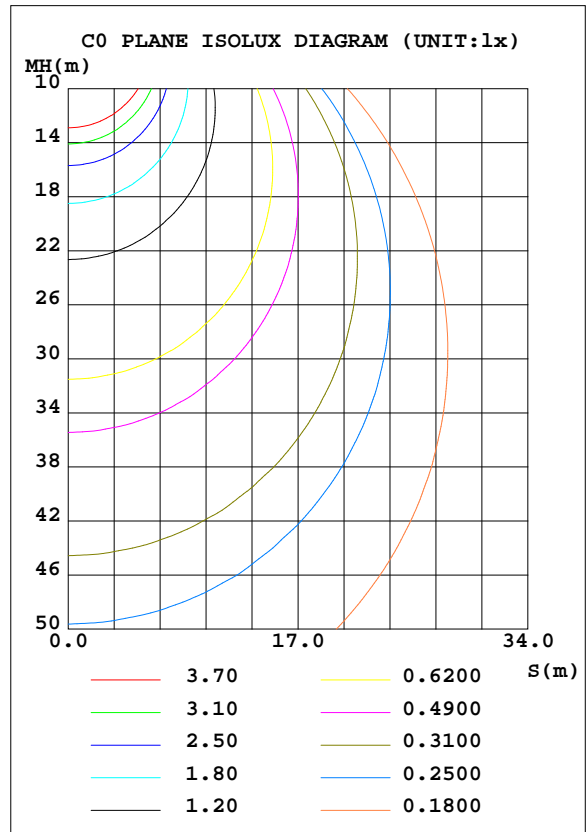
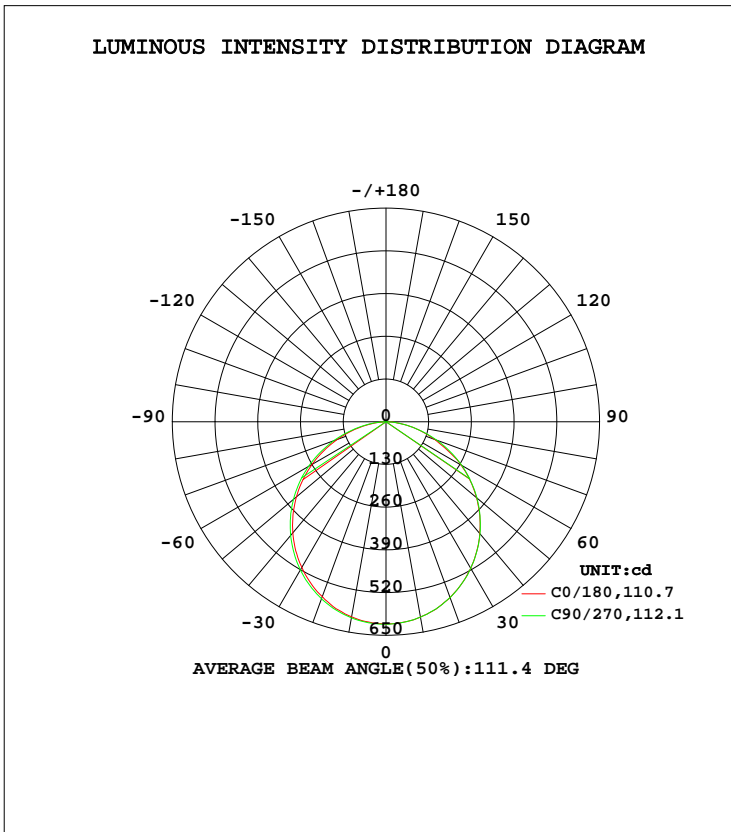


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME: ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: 5000K	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-MPS-12D24WH	Imax(cd)	616.4	S/MH(C0/180)	1.24
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1731.0	η UP, DN(C0-180)	0.1,50.2
NOMINAL FLUX(lm)	1731.04	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.7
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:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [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	603.0	604.4	605.9	603.8	603.6	602.7	604.0	602.9	0- 10	58.21	58.21	3.36,3.36
20	566.5	570.9	573.7	570.4	569.6	568.4	569.7	568.0	10- 20	166.3	224.5	13,13
30	512.1	516.9	521.1	516.7	515.4	513.6	515.3	513.2	20- 30	251.1	475.6	27.5,27.5
40	441.0	446.1	451.5	445.7	443.7	442.4	444.7	442.7	30- 40	301.5	777.2	44.9,44.9
50	356.0	361.8	367.7	361.1	359.8	358.1	361.1	357.9	40- 50	311.6	1089	62.9,62.9
60	259.9	265.9	272.2	265.6	264.5	262.8	266.6	262.8	50- 60	280.3	1369	79.1,79.1
70	157.7	163.1	169.0	163.1	157.9	161.5	164.3	161.2	60- 70	211.3	1580	91.3,91.3
80	62.01	65.39	69.20	65.86	66.50	64.65	66.31	64.32	70- 80	118.6	1699	98.1,98.1
90	0.1932	0.1733	0.1849	2.322	0.4120	0.0285	0.0265	0.0274	80- 90	30.14	1729	99.9,99.9
100	0.1630	0.1716	0.1687	0.1699	0.0562	0.0677	0.0619	0.0690	90-100	0.1122	1729	99.9,99.9
110	0.2092	0.2117	0.2168	0.2132	0.0999	0.1060	0.1103	0.1039	100-110	0.1446	1729	99.9,99.9
120	0.2844	0.2825	0.2961	0.2863	0.1595	0.1515	0.1583	0.1506	110-120	0.1849	1729	99.9,99.9
130	0.4274	0.4181	0.4469	0.4293	0.2260	0.2098	0.2106	0.2052	120-130	0.2385	1730	99.9,99.9
140	0.6930	0.7149	0.7394	0.7030	0.2836	0.2731	0.2698	0.2650	130-140	0.3040	1730	99.9,99.9
150	0.9284	0.9967	1.032	0.9703	0.3469	0.3264	0.3337	0.3184	140-150	0.3586	1730	100,100
160	1.131	1.153	1.175	1.144	0.4769	0.4461	0.4028	0.4451	150-160	0.3374	1731	100,100
170	1.046	1.048	1.055	1.039	0.6093	0.5686	0.5637	0.6009	160-170	0.2313	1731	100,100
180	0.8433	0.8308	0.8134	0.8673	0.8422	0.8291	0.8126	0.8650	170-180	0.0789	1731	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 934.31 lm

%lum = 54.0%
%lamp = 54.0%

Conical surface Flux(120deg): 1369 lm

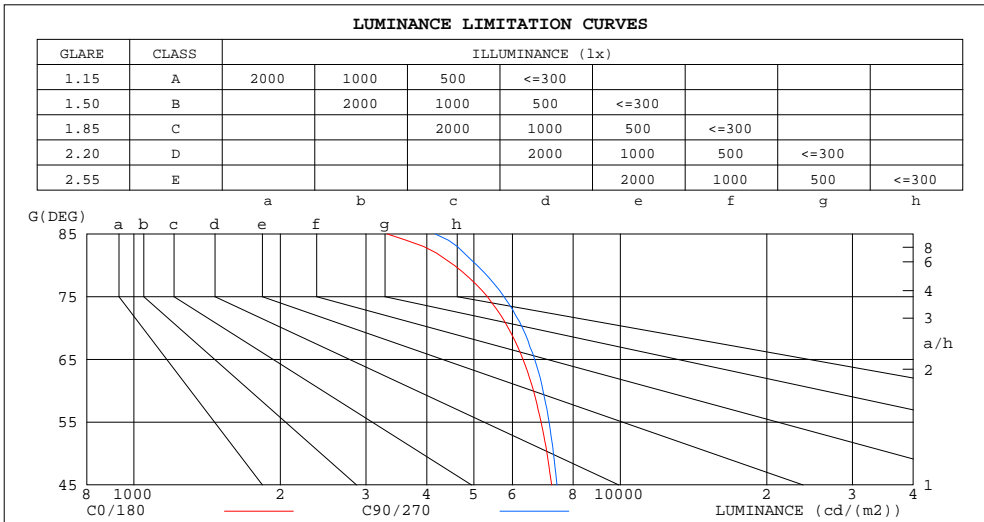
%lum = 79.1%
%lamp = 79.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Hill
Test Date:2024-08-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:46%
Test Distance:2.519m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: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	3317	4167
80	4557	5077
75	5331	5765
70	5886	6296
65	6307	6666
60	6633	6936
55	6872	7137
50	7068	7288
45	7224	7406

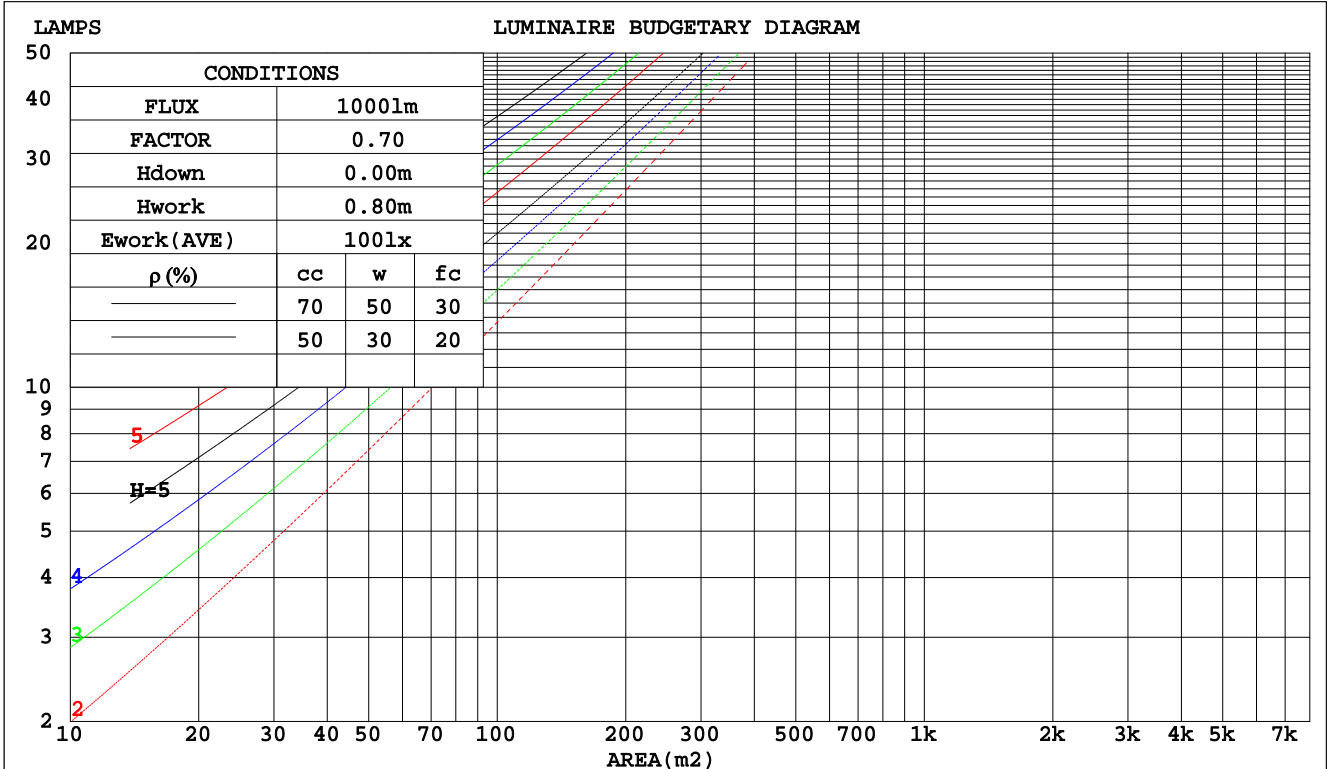
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Hill
 Test Date: 2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME: ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: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
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
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	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.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:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME: ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: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	.307	.175	.055	.300	.171	.054	.287	.164	.053	.274	.158	.051	.263	.153	.049	
2.0	.290	.159	.049	.284	.156	.048	.272	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.209	.111	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.171	.087	.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	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
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	.059	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.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	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.106	.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:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: 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	17.7	19.2	17.9	19.4	19.6	17.8	19.3	18.1	19.6	19.8
3H	19.1	20.5	19.4	20.7	21.0	19.4	20.8	19.7	21.0	21.2
4H	19.7	21.0	20.0	21.2	21.5	19.9	21.3	20.3	21.5	21.8
6H	20.0	21.3	20.4	21.6	21.8	20.3	21.6	20.7	21.9	22.2
8H	20.1	21.3	20.5	21.6	21.9	20.5	21.7	20.8	22.0	22.3
12H	20.2	21.3	20.5	21.6	21.9	20.5	21.7	20.9	22.0	22.3
4H 2H	18.3	19.6	18.6	19.9	20.1	18.4	19.7	18.7	20.0	20.3
3H	19.9	21.1	20.3	21.4	21.7	20.1	21.3	20.5	21.6	21.9
4H	20.6	21.7	21.0	22.0	22.3	20.8	21.9	21.2	22.2	22.6
6H	21.1	22.0	21.5	22.4	22.7	21.4	22.3	21.8	22.7	23.0
8H	21.2	22.1	21.6	22.5	22.9	21.5	22.4	21.9	22.8	23.2
12H	21.3	22.1	21.7	22.5	22.9	21.6	22.5	22.1	22.8	23.2
8H 4H	20.8	21.7	21.3	22.1	22.5	21.1	21.9	21.5	22.3	22.7
6H	21.5	22.2	21.9	22.6	23.0	21.7	22.5	22.2	22.9	23.3
8H	21.7	22.3	22.2	22.8	23.2	22.0	22.6	22.4	23.1	23.5
12H	21.8	22.4	22.3	22.8	23.3	22.2	22.7	22.6	23.2	23.7
12H 4H	20.9	21.7	21.3	22.1	22.5	21.1	21.9	21.5	22.3	22.7
6H	21.5	22.2	22.0	22.6	23.1	21.8	22.4	22.2	22.9	23.3
8H	21.8	22.3	22.3	22.8	23.3	22.1	22.6	22.5	23.1	23.5
Variations with the observer position at spacings(CIE Pub.117):										
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, 1731 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.9)
Area: 0.0784 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Hill
Test Date:2024-08-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:46%
Test Distance:2.519m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.:5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

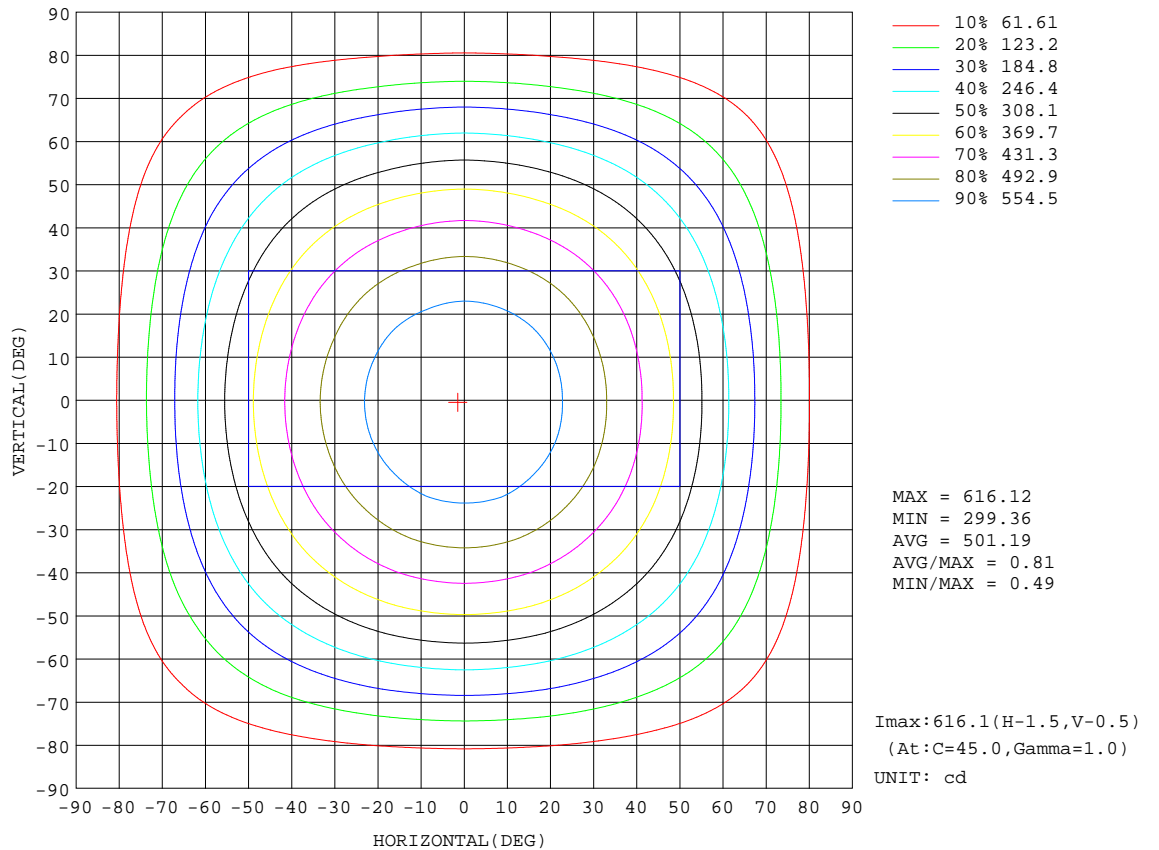
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	87	77	71	84	76	70	62
2.00	95	87	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	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:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.:5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



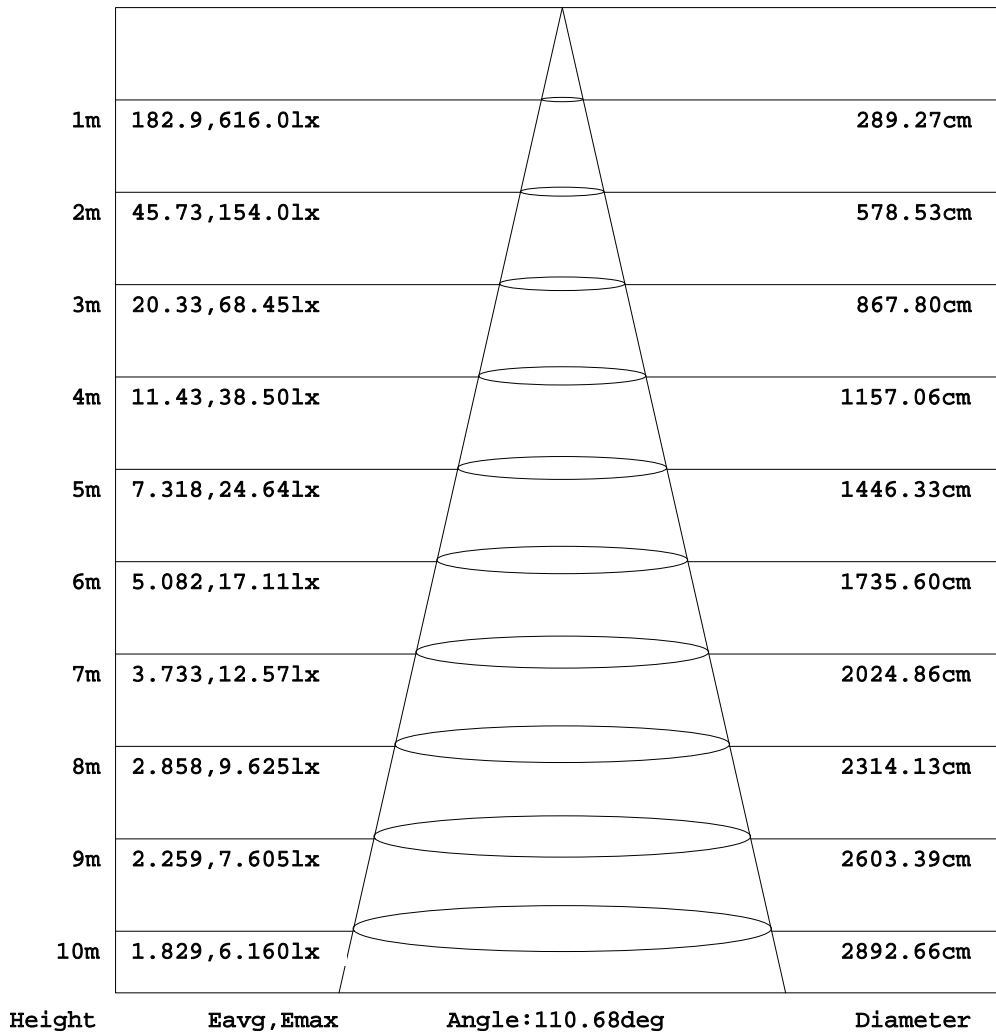
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

AAI Figure

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.:5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:1263 lm



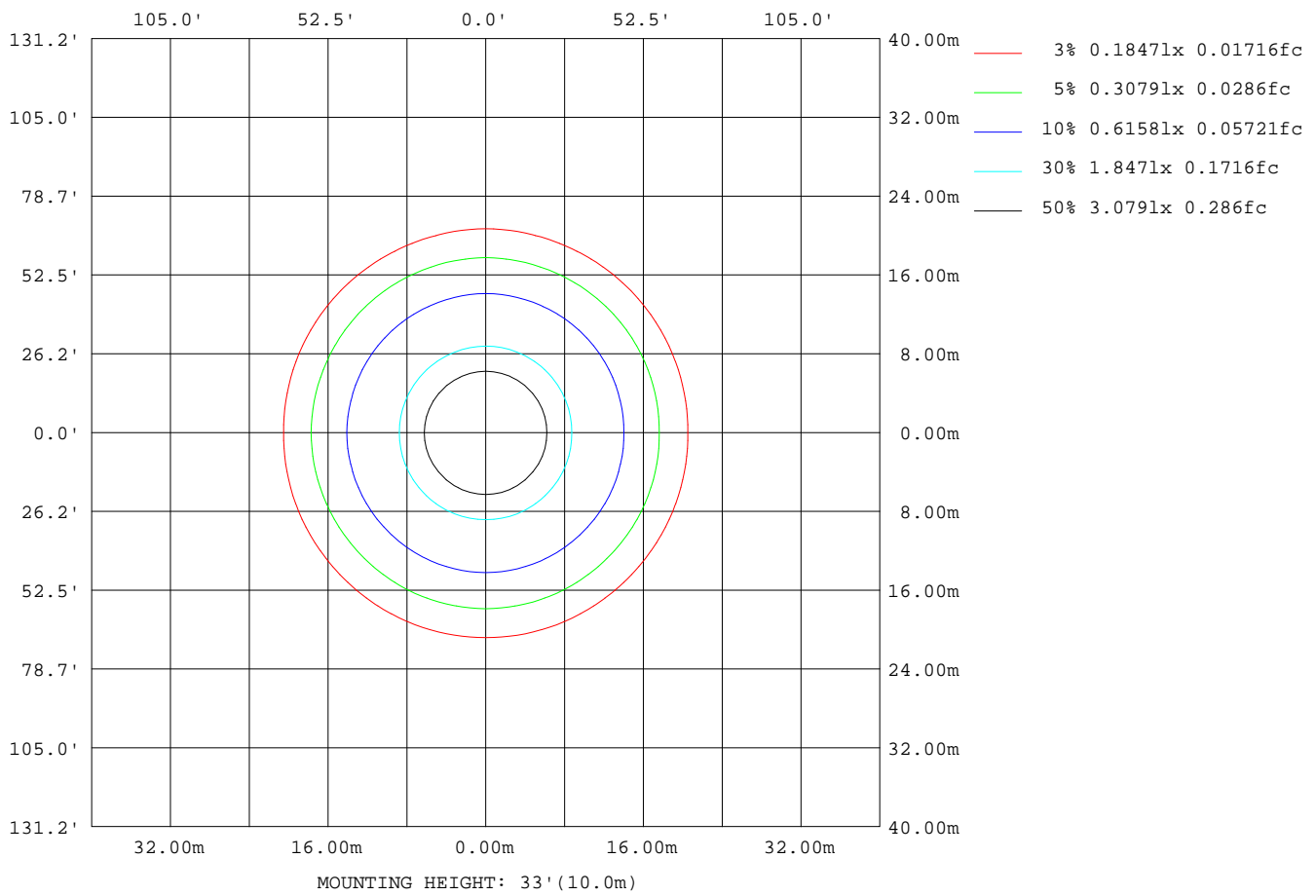
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME: ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: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:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME:ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

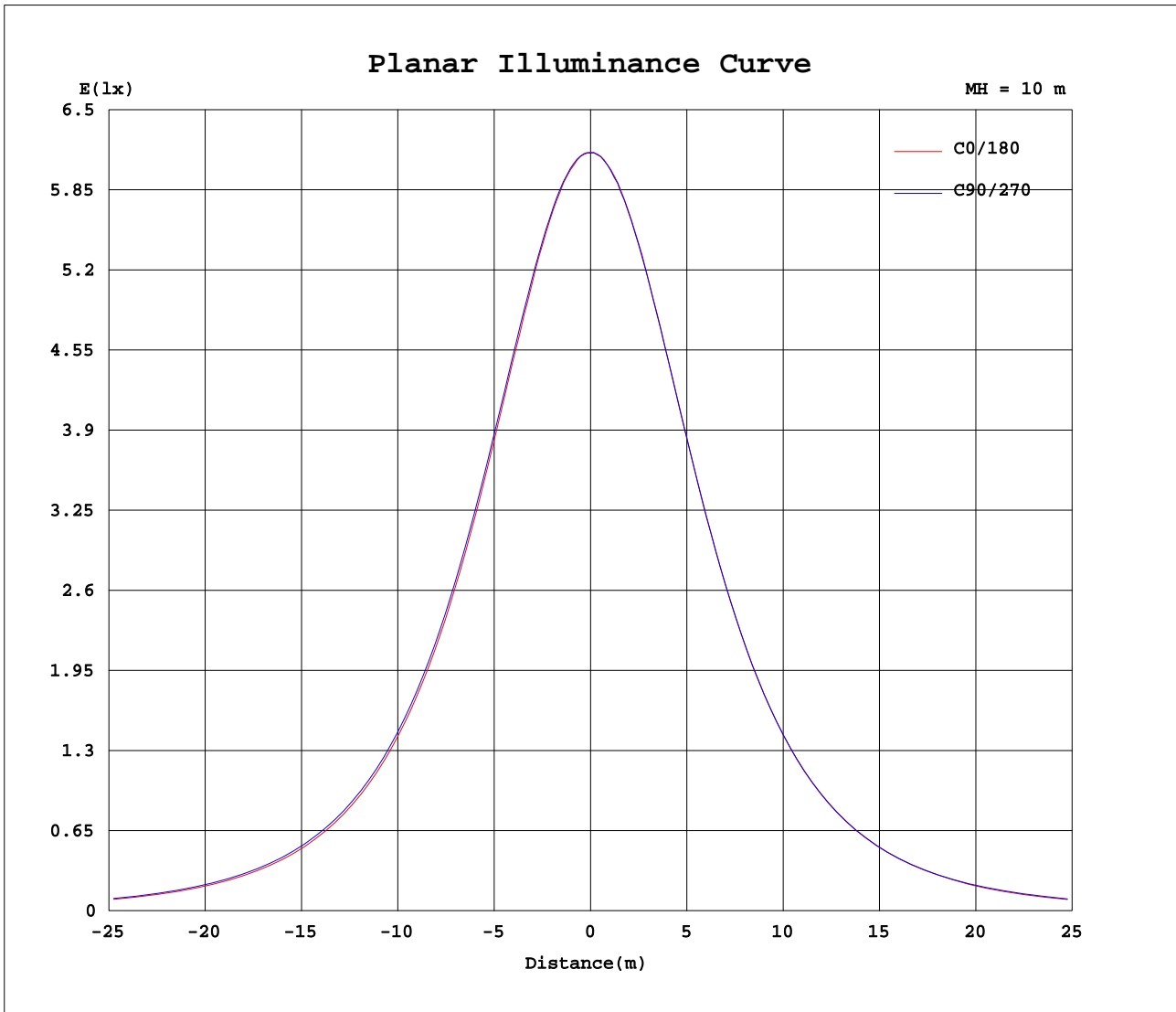
AvgL	cd/m2
L_0~180(65)av	6288
L_0~180(75)av	5396
L_0~180(85)av	3627
L_90~270(65)av	6595
L_90~270(75)av	5660
L_90~270(85)av	4054
L_45(65)av	6442
L_45(75)av	5503
L_45(85)av	3699

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Hill
 Test Date: 2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 46%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.98V I:0.2187A P:24.350W PF:0.9280 Freq:60.00Hz Lamp Flux:1731.04x1 lm		
NAME: ASD-MPS-12D24WH	TYPE: N/A	WEIGHT: N/A
SPEC.: 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	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615	615			
5	611	613	614	614	614	613	613	613	612	612	613	613	613	612	612	612			
10	603	604	604	605	606	606	604	604	604	604	603	603	604	603	603	603			
15	589	589	591	592	592	592	590	589	590	588	589	588	589	588	588	589			
20	567	570	571	573	574	573	570	569	570	569	568	568	570	568	568	568			
25	542	545	546	549	549	548	546	545	544	543	543	543	544	543	543	543			
30	512	515	517	520	521	519	517	515	515	514	514	514	515	514	513	513			
35	479	482	484	488	488	486	483	482	481	480	480	480	482	480	480	479			
40	441	445	446	450	451	449	446	444	444	443	442	443	445	443	443	442			
45	400	403	406	410	411	409	405	403	404	402	402	402	404	402	402	401			
50	356	359	362	366	368	365	361	359	360	357	358	358	361	359	358	357			
55	309	313	315	320	321	319	314	312	313	311	312	312	315	312	311	311			
60	260	263	266	271	272	270	266	263	264	262	263	263	267	263	263	262			
65	209	212	215	220	221	219	215	211	208	212	212	212	216	213	212	211			
70	158	161	163	168	169	167	163	158	158	161	162	161	164	161	161	160			
75	108	110	113	116	117	115	113	108	111	111	111	111	113	111	110	110			
80	62.0	64.1	65.4	68.0	69.2	67.8	65.9	63.5	66.5	63.7	64.7	64.3	66.3	64.4	64.3	64.1			
85	22.7	24.5	25.1	27.8	28.5	27.8	25.7	24.9	26.9	24.7	25.5	24.9	26.9	24.7	24.9	24.2			
90	0.19	0.11	0.17	0.11	0.18	0.11	2.32	0.16	0.41	0.15	0.03	0.12	0.03	0.10	0.03	0.05			
95	0.14	0.14	0.14	0.14	0.14	0.13	0.14	0.13	0.04	0.04	0.04	0.05	0.04	0.05	0.04	0.05			
100	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.16	0.06	0.07	0.07	0.07	0.06	0.08	0.07	0.07			
105	0.19	0.18	0.19	0.19	0.19	0.19	0.19	0.18	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.08			
110	0.21	0.20	0.21	0.21	0.22	0.21	0.21	0.20	0.10	0.10	0.11	0.11	0.11	0.11	0.10	0.10			
115	0.25	0.23	0.24	0.24	0.25	0.24	0.24	0.24	0.13	0.12	0.13	0.14	0.13	0.13	0.12	0.13			
120	0.28	0.28	0.28	0.28	0.30	0.29	0.29	0.28	0.16	0.15	0.15	0.16	0.16	0.15	0.15	0.15			
125	0.35	0.34	0.34	0.35	0.36	0.35	0.35	0.34	0.20	0.18	0.18	0.19	0.18	0.18	0.18	0.18			
130	0.43	0.42	0.42	0.43	0.45	0.44	0.43	0.41	0.23	0.21	0.21	0.22	0.21	0.22	0.21	0.21			
135	0.53	0.53	0.54	0.54	0.57	0.55	0.54	0.51	0.25	0.23	0.24	0.24	0.24	0.24	0.23	0.24			
140	0.69	0.69	0.71	0.71	0.74	0.72	0.70	0.67	0.28	0.26	0.27	0.27	0.27	0.26	0.27	0.27			
145	0.81	0.82	0.87	0.89	0.91	0.88	0.85	0.80	0.31	0.29	0.30	0.30	0.30	0.30	0.29	0.30			
150	0.93	0.96	1.00	1.01	1.03	1.01	0.97	0.93	0.35	0.32	0.33	0.33	0.33	0.33	0.32	0.35			
155	1.05	1.10	1.11	1.11	1.14	1.11	1.09	1.07	0.40	0.38	0.37	0.37	0.35	0.36	0.37	0.40			
160	1.13	1.14	1.15	1.19	1.18	1.17	1.14	1.11	0.48	0.43	0.45	0.43	0.40	0.43	0.45	0.47			
165	1.12	1.12	1.13	1.14	1.16	1.14	1.13	1.10	0.54	0.51	0.51	0.51	0.49	0.50	0.52	0.54			
170	1.05	1.06	1.05	1.05	1.05	1.06	1.04	1.04	0.61	0.60	0.57	0.58	0.56	0.56	0.60	0.66			
175	0.99	0.97	0.97	0.94	0.93	0.96	0.99	1.00	0.73	0.73	0.71	0.70	0.64	0.72	0.74	0.76			
180	0.84	0.84	0.83	0.81	0.81	0.83	0.87	0.87	0.84	0.84	0.83	0.80	0.81	0.83	0.87	0.87			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Hill
 Test Date:2024-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:46%
 Test Distance:2.519m [K=1.0000]
 Remarks: