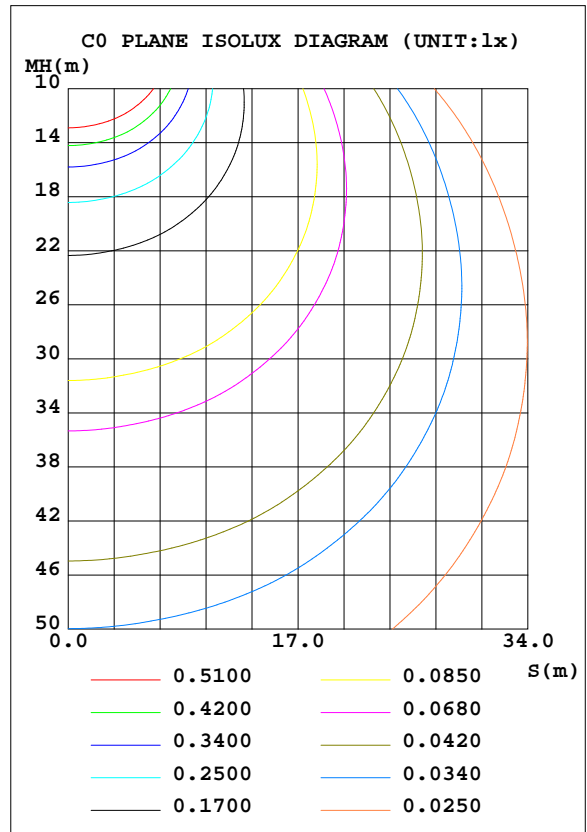
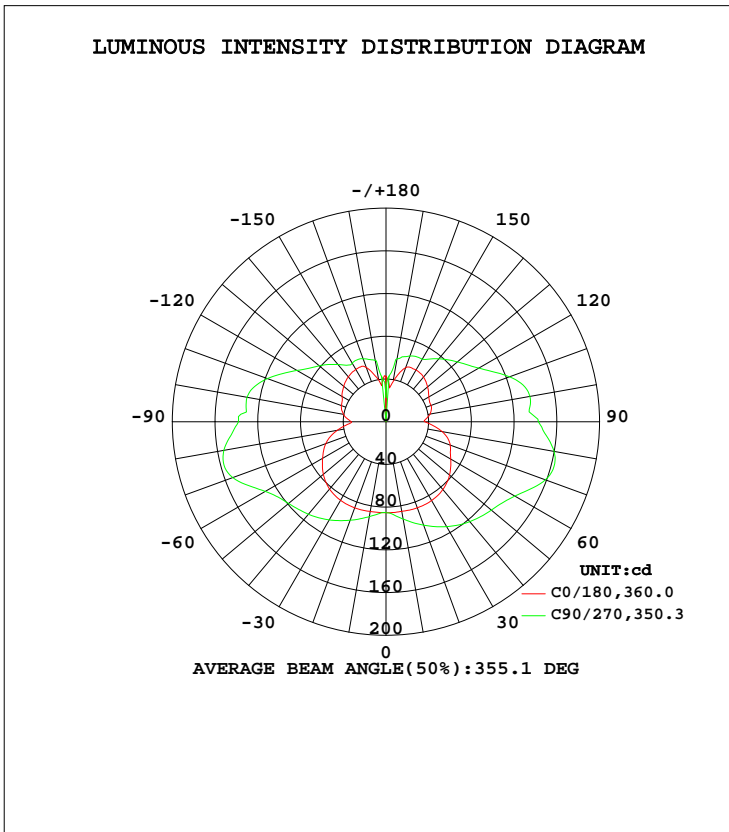


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.:6500K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.10 lm/W			
MODEL	ASD-LWS27C-24D24SM-RGBW-BK	I <sub>max</sub> (cd)	162.8	S/MH(C0/180)	1.51
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	2.06
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1096.3	η UP, DN(C0-180)	20.4, 28.5
NOMINAL FLUX(lm)	1096.28	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	21.3, 29.8
LAMPS INSIDE	1	η up(%)	41.7	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	120	η down(%)	58.3	CIBSE SHR MAX	2.00



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 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	85.34	87.79	90.22	88.05	85.19	89.42	92.56	89.65	0- 10	8.295	8.295	0.76,0.76
20	85.85	93.29	98.18	93.67	85.77	96.62	103.0	97.22	10- 20	25.99	34.28	3.13,3.13
30	85.09	98.25	106.1	98.96	85.26	103.3	113.4	104.1	20- 30	44.97	79.26	7.23,7.23
40	82.28	101.5	113.1	102.5	82.89	107.7	122.1	108.6	30- 40	63.79	143.1	13,13
50	76.66	102.0	119.1	103.4	77.71	108.8	128.8	109.6	40- 50	80.28	223.3	20.4,20.4
60	68.61	101.0	130.6	103.0	70.01	107.1	139.3	108.3	50- 60	93.20	316.5	28.9,28.9
70	60.04	101.7	152.8	105.6	64.07	106.5	158.9	107.9	60- 70	105.4	422.0	38.5,38.5
80	46.30	96.45	154.2	102.8	53.41	102.3	159.7	101.6	70- 80	113.3	535.3	48.8,48.8
90	32.51	85.03	138.3	89.41	36.49	88.14	142.7	88.53	80- 90	104.2	639.5	58.3,58.3
100	40.36	77.53	132.1	81.58	41.99	81.43	136.9	80.36	90-100	94.74	734.2	67,67
110	44.40	75.12	118.3	76.78	44.92	77.63	123.2	78.37	100-110	87.59	821.8	75,75
120	47.57	68.75	96.19	69.47	46.43	72.38	100.5	73.59	110-120	74.89	896.7	81.8,81.8
130	51.74	62.82	81.59	63.77	50.93	68.47	87.37	69.45	120-130	61.96	958.6	87.4,87.4
140	54.96	59.75	70.02	60.04	54.70	63.71	77.03	64.49	130-140	50.58	1009	92.1,92.1
150	56.55	62.16	63.39	62.27	56.09	64.53	67.80	65.49	140-150	39.02	1048	95.6,95.6
160	54.17	59.66	62.70	59.07	53.86	60.86	65.51	61.96	150-160	28.23	1076	98.2,98.2
170	39.56	49.43	58.54	43.53	38.03	44.69	59.83	54.90	160-170	15.69	1092	99.6,99.6
180	42.65	39.80	22.89	38.45	42.64	39.78	22.87	38.42	170-180	4.121	1096	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 181.36 lm

%lum = 16.5%  
 %lamp = 16.5%

Conical surface Flux(120deg): 316.54 lm

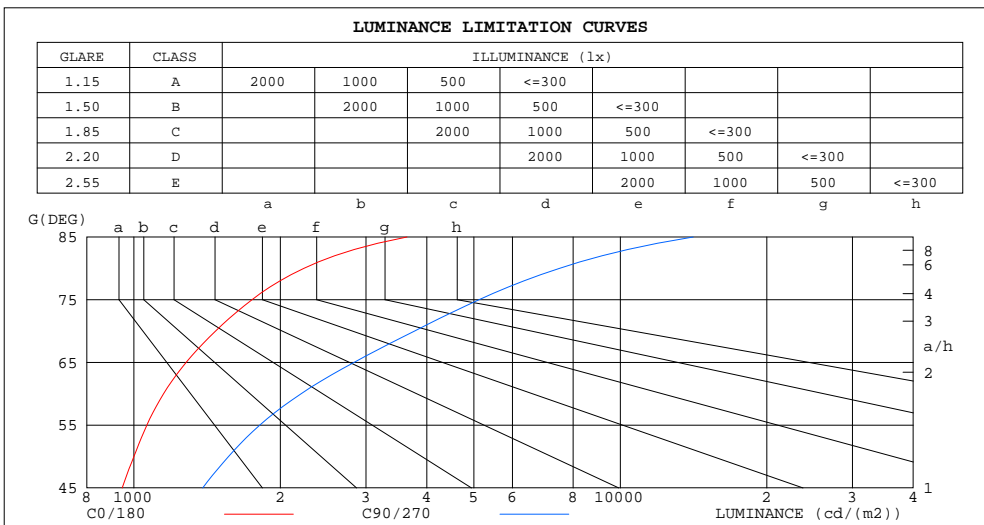
%lum = 28.9%  
 %lamp = 28.9%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	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	3642	14116
80	2236	7498
75	1749	5124
70	1472	3774
65	1280	2834
60	1151	2206
55	1063	1815
50	1000	1565
45	946	1385

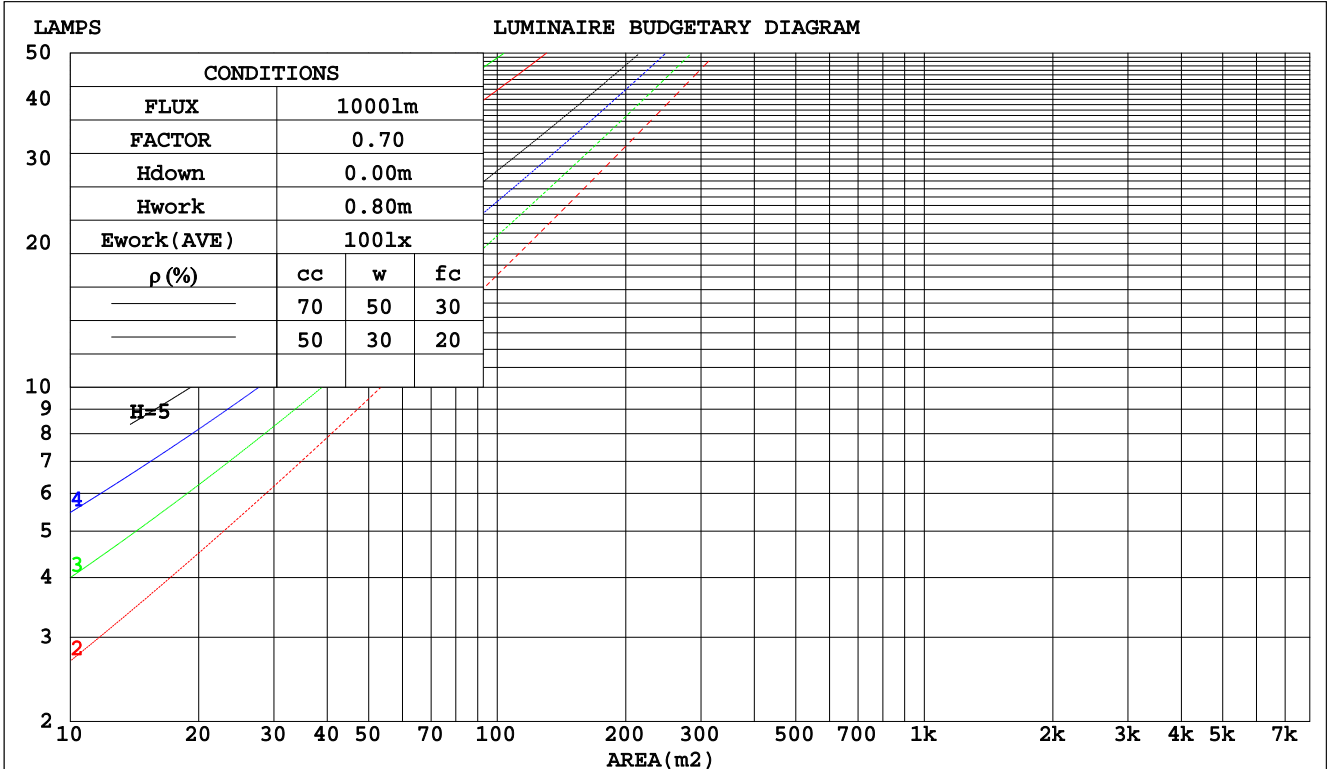
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.9DEG  
 Operators: Water  
 Test Date: 2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity: 45%  
 Test Distance: 2.519m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	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						Coefficients of Utilization(CU)									
0.0	1.09	1.09	1.09	1.02	1.02	1.02	.88	.88	.88	.75	.75	.75	.64	.64	.64	.58
1.0	.88	.83	.77	.82	.77	.72	.70	.66	.62	.59	.56	.53	.49	.46	.44	.39
2.0	.74	.66	.59	.69	.62	.55	.59	.53	.48	.49	.44	.41	.40	.37	.34	.29
3.0	.64	.55	.47	.59	.51	.44	.50	.44	.38	.42	.37	.32	.34	.30	.27	.22
4.0	.56	.46	.39	.51	.43	.36	.44	.37	.31	.36	.31	.26	.30	.25	.22	.18
5.0	.49	.39	.32	.45	.37	.30	.39	.31	.26	.32	.26	.22	.26	.22	.18	.15
6.0	.44	.34	.27	.40	.32	.26	.34	.27	.22	.29	.23	.19	.23	.19	.15	.12
7.0	.39	.30	.24	.36	.28	.22	.31	.24	.19	.26	.20	.16	.21	.17	.13	.11
8.0	.35	.27	.21	.33	.25	.19	.28	.21	.17	.24	.18	.14	.19	.15	.12	.09
9.0	.32	.24	.18	.30	.22	.17	.26	.19	.15	.22	.16	.12	.18	.13	.10	.08
10.0	.29	.21	.16	.27	.20	.15	.23	.17	.13	.20	.15	.11	.16	.12	.09	.07



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz		
Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	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	.416	.236	.075	.396	.226	.072	.358	.205	.066	.324	.187	.060	.292	.169	.055	
2.0	.348	.191	.059	.330	.182	.056	.296	.165	.051	.265	.148	.046	.236	.133	.042	
3.0	.304	.162	.048	.288	.154	.046	.256	.139	.042	.228	.125	.038	.201	.111	.034	
4.0	.271	.141	.041	.256	.134	.040	.227	.120	.036	.201	.108	.032	.176	.096	.029	
5.0	.244	.124	.036	.230	.118	.034	.204	.106	.031	.180	.095	.028	.157	.084	.025	
6.0	.222	.111	.032	.210	.106	.030	.185	.095	.028	.163	.085	.025	.142	.075	.022	
7.0	.204	.101	.029	.192	.096	.027	.170	.086	.025	.149	.076	.022	.130	.067	.020	
8.0	.189	.092	.026	.178	.088	.025	.157	.078	.022	.138	.070	.020	.119	.061	.018	
9.0	.175	.085	.024	.165	.080	.023	.146	.072	.020	.128	.064	.018	.111	.056	.016	
10.0	.164	.078	.022	.154	.074	.021	.136	.067	.019	.119	.059	.017	.103	.052	.015	

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	.508	.508	.508	.434	.434	.434	.296	.296	.296	.170	.170	.170	.054	.054	.054	
1.0	.508	.475	.446	.434	.408	.384	.297	.281	.266	.171	.162	.154	.055	.052	.050	
2.0	.502	.454	.413	.430	.391	.357	.295	.270	.249	.170	.157	.146	.055	.051	.048	
3.0	.495	.439	.393	.424	.378	.341	.291	.263	.239	.168	.153	.141	.054	.050	.046	
4.0	.488	.427	.381	.418	.369	.331	.288	.257	.233	.166	.151	.138	.054	.049	.045	
5.0	.480	.418	.372	.412	.361	.323	.284	.252	.228	.165	.148	.135	.053	.048	.045	
6.0	.473	.410	.365	.406	.355	.318	.280	.249	.225	.163	.146	.134	.052	.048	.044	
7.0	.466	.404	.361	.401	.350	.314	.277	.246	.223	.161	.145	.133	.052	.047	.044	
8.0	.459	.399	.357	.395	.346	.312	.273	.243	.221	.159	.143	.132	.051	.047	.044	
9.0	.453	.394	.355	.390	.342	.309	.270	.241	.220	.157	.142	.131	.051	.047	.043	
10.0	.447	.390	.352	.385	.339	.308	.267	.238	.218	.156	.141	.130	.051	.046	.043	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME:ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.:6500K	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	9.8	10.9	10.5	11.8	12.8	12.5	13.7	13.3	14.5	15.5
3H	12.2	13.3	13.0	14.1	15.2	16.4	17.5	17.2	18.3	19.4
4H	13.5	14.5	14.4	15.4	16.5	18.6	19.6	19.4	20.4	21.5
6H	14.8	15.8	15.7	16.7	17.7	20.8	21.8	21.7	22.6	23.7
8H	15.5	16.4	16.3	17.3	18.4	22.0	22.9	22.8	23.8	24.9
12H	16.2	17.1	17.1	18.0	19.1	23.3	24.2	24.1	25.0	26.1
4H 2H	11.3	12.3	12.1	13.2	14.2	13.2	14.2	14.0	15.0	16.1
3H	13.9	14.8	14.8	15.7	16.8	17.2	18.1	18.1	19.0	20.1
4H	15.3	16.1	16.2	17.0	18.2	19.6	20.4	20.4	21.3	22.4
6H	16.7	17.4	17.6	18.4	19.5	22.0	22.7	22.9	23.6	24.8
8H	17.4	18.1	18.3	19.0	20.2	23.3	24.0	24.2	24.9	26.1
12H	18.2	18.8	19.1	19.8	20.9	24.7	25.3	25.6	26.3	27.4
8H 4H	16.7	17.4	17.6	18.3	19.5	19.9	20.6	20.8	21.5	22.7
6H	18.4	18.9	19.3	19.9	21.1	22.6	23.2	23.6	24.2	25.4
8H	19.2	19.7	20.1	20.7	21.9	24.1	24.6	25.1	25.6	26.8
12H	20.1	20.6	21.1	21.5	22.8	25.8	26.3	26.8	27.2	28.5
12H 4H	17.2	17.8	18.1	18.8	20.0	19.9	20.6	20.8	21.5	22.7
6H	19.0	19.5	20.0	20.5	21.7	22.7	23.3	23.7	24.2	25.4
8H	20.0	20.5	21.0	21.4	22.7	24.3	24.8	25.3	25.8	27.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 1096 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)  
Area: 0.11886 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:24.9DEG  
Operators:Water  
Test Date:2024-10-21

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity:45%  
Test Distance:2.519m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.:6500K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

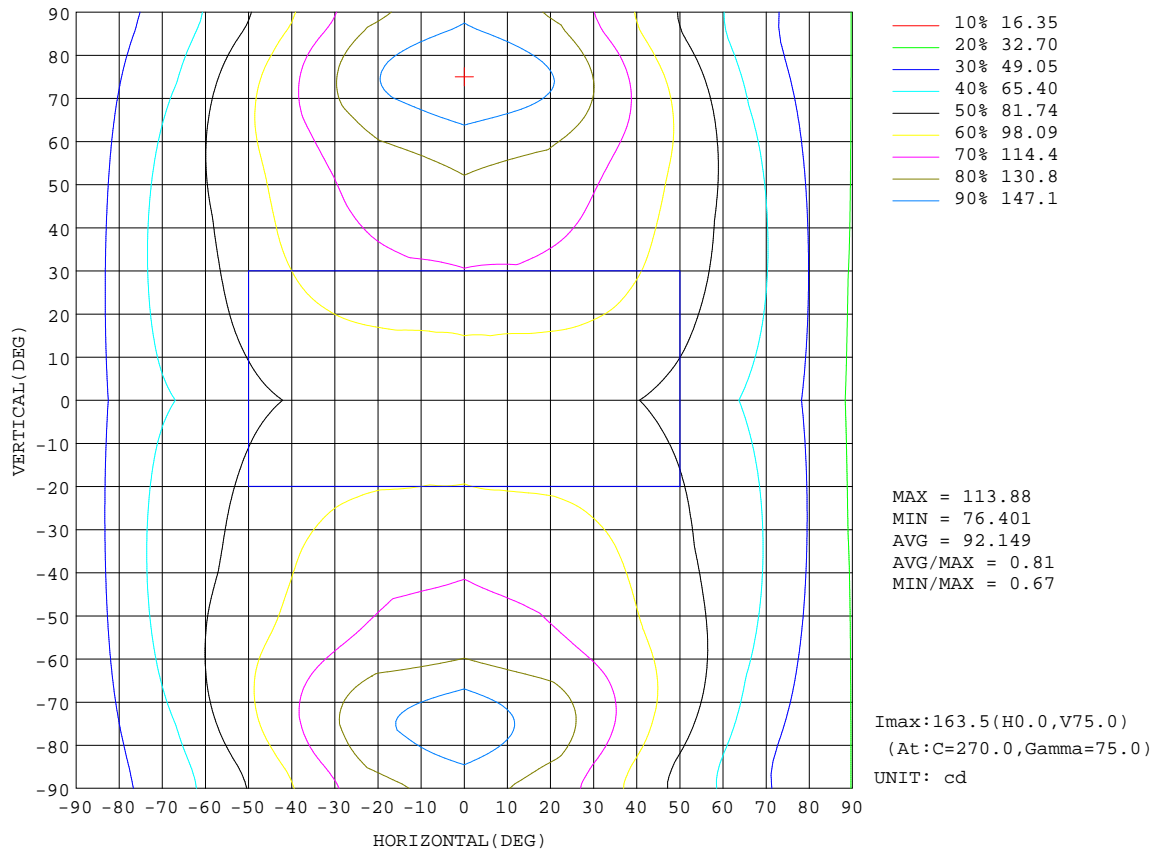
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	38	25	18	36	25	18	33	23	17	9
0.80	47	33	25	44	32	24	40	29	22	13
1.00	54	40	31	51	38	30	45	37	27	16
1.25	61	47	37	57	44	36	50	40	33	20
1.50	66	52	43	62	50	41	54	44	37	23
2.00	74	61	52	69	58	49	60	51	44	27
2.50	79	67	58	74	63	55	64	56	49	30
3.00	83	72	63	77	68	60	67	59	53	33
4.00	88	79	71	82	74	67	71	65	59	37
5.00	92	83	76	85	78	72	74	68	63	40
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:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	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



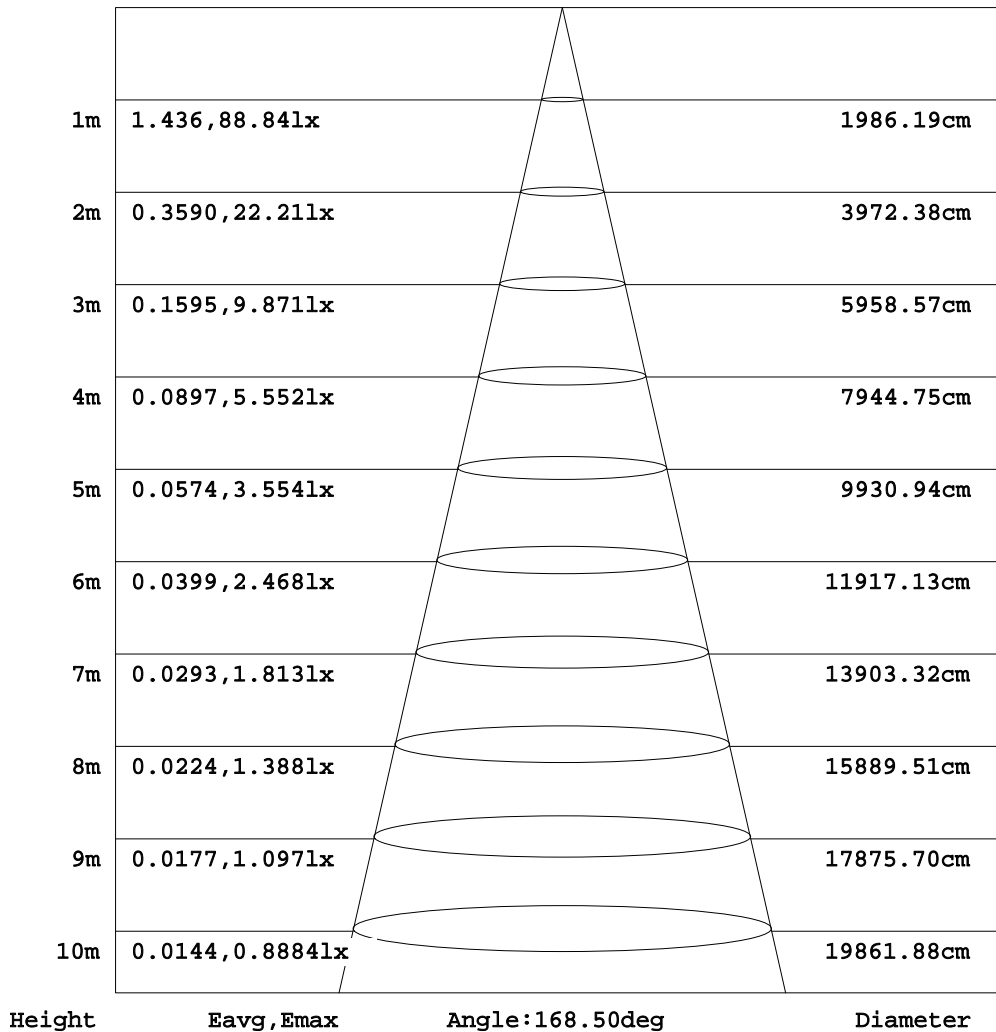
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

**AAI Figure**

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME:ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.:6500K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:589.3 lm



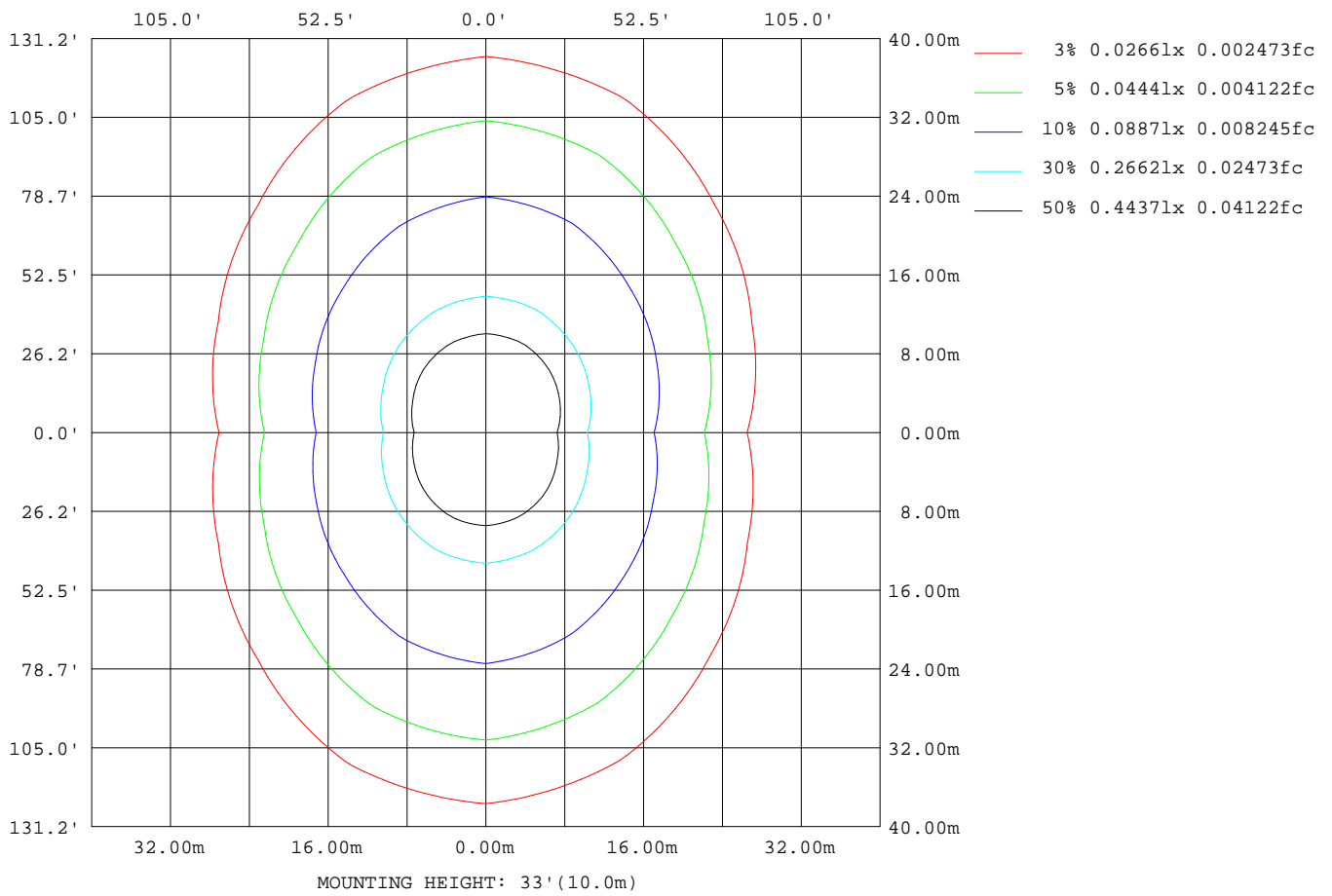
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME:ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	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:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

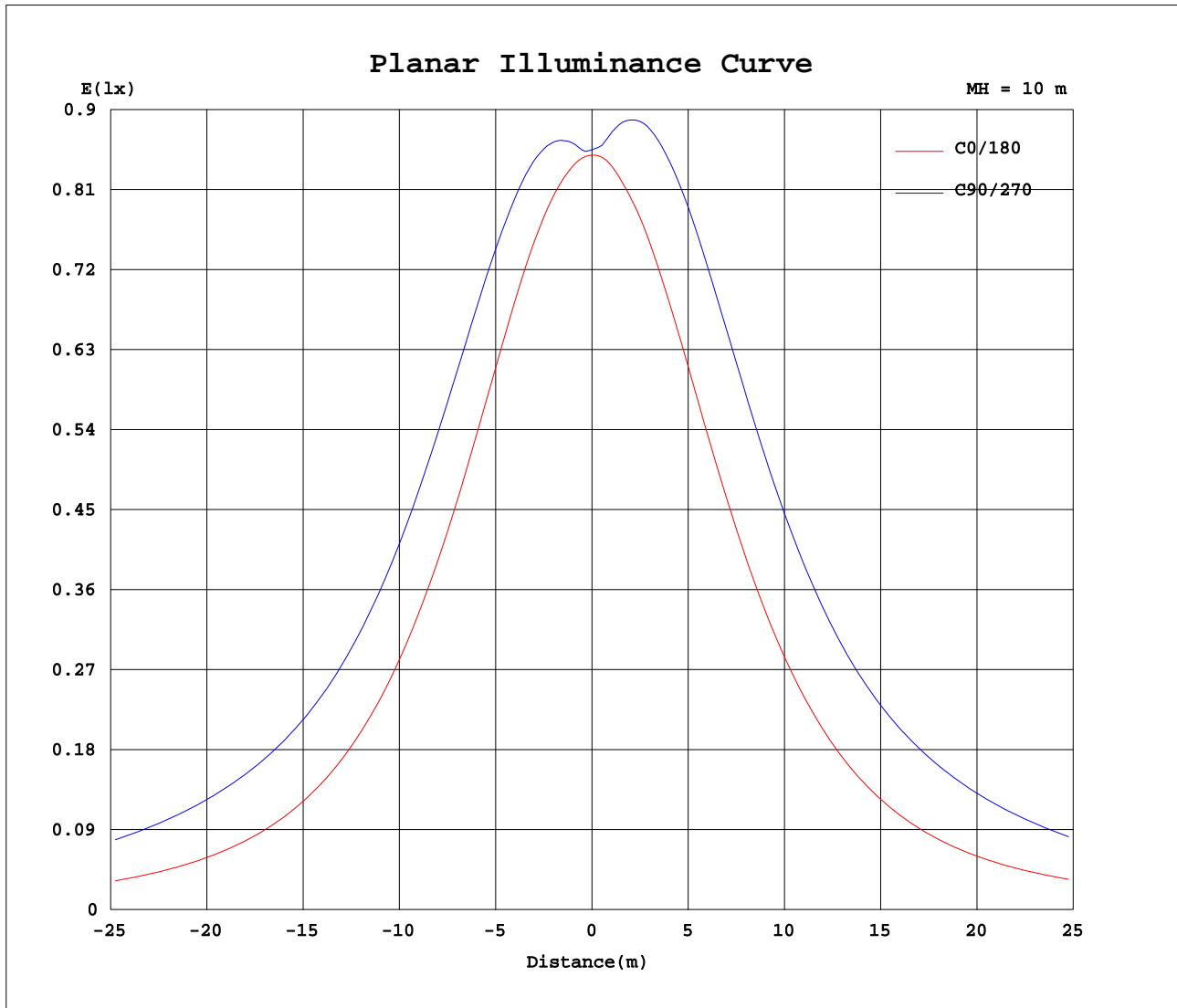
AvgL	cd/m2
L_0~180(65)av	1305
L_0~180(75)av	1850
L_0~180(85)av	3996
L_90~270(65)av	2896
L_90~270(75)av	5199
L_90~270(85)av	14309
L_45(65)av	2086
L_45(75)av	3403
L_45(85)av	9008

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity:45%  
 Test Distance:2.519m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.9DEG  
 Operators: Water  
 Test Date: 2024-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
 Humidity: 45%  
 Test Distance: 2.519m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.05V I:0.3242A P:23.780W PF:0.6110 Freq:60.00Hz Lamp Flux:1096.28x1 lm		
NAME: ASD-LWS27C-24D24SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.:6500K	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	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2			
5	85.2	84.9	85.6	86.2	86.7	86.3	85.8	85.1	85.3	85.5	86.2	87.3	87.7	87.3	86.4	85.6			
10	85.3	85.7	87.8	89.4	90.2	89.6	88.0	85.8	85.2	86.4	89.4	91.8	92.6	91.8	89.7	86.9			
15	85.7	87.1	90.6	92.9	94.1	93.1	90.8	87.5	85.6	88.4	92.9	96.4	97.8	96.6	93.4	89.0			
20	85.8	88.5	93.3	96.5	98.2	96.8	93.7	89.0	85.8	90.3	96.6	101	103	101	97.2	91.0			
25	85.6	89.7	96.0	100	102	100	96.5	90.4	85.7	92.0	100	106	108	106	101	92.7			
30	85.1	90.4	98.2	104	106	104	99.0	91.4	85.3	93.1	103	110	113	111	104	94.1			
35	83.9	90.7	100	107	110	107	101	91.9	84.4	93.9	106	115	118	115	107	94.8			
40	82.3	90.4	101	110	113	110	102	91.8	82.9	93.9	108	118	122	118	109	94.8			
45	79.8	89.4	102	112	116	113	103	91.0	80.7	93.2	109	121	126	121	109	93.9			
50	76.7	87.5	102	114	119	115	103	89.4	77.7	91.5	109	123	129	123	110	92.3			
55	72.7	85.1	102	117	123	117	103	87.0	74.0	89.0	108	125	133	126	109	89.6			
60	68.6	82.0	101	121	131	122	103	84.4	70.0	85.8	107	129	139	130	108	86.5			
65	64.5	79.1	101	128	142	130	104	81.8	66.6	82.9	106	135	149	137	108	82.9			
70	60.0	75.8	102	135	153	138	106	80.1	64.1	80.4	107	142	159	143	108	79.2			
75	54.0	71.3	101	138	157	142	106	77.1	59.9	76.8	106	146	163	146	106	74.1			
80	46.3	64.8	96.4	136	154	139	103	71.9	53.4	71.0	102	143	160	142	102	67.5			
85	37.9	57.0	89.1	128	146	131	95.5	64.3	44.9	63.1	95.0	134	151	134	93.6	59.3			
90	32.5	52.5	85.0	122	138	124	89.4	57.8	36.5	55.7	88.1	127	143	127	88.5	54.4			
95	36.8	55.5	86.8	111	131	117	90.7	59.8	38.2	57.8	89.3	119	135	112	90.5	57.5			
100	40.4	54.8	77.5	109	132	110	81.6	59.6	42.0	58.4	81.4	113	137	113	80.4	56.6			
105	43.0	53.7	77.2	109	127	110	79.2	55.8	44.0	56.3	79.6	113	133	114	80.2	55.7			
110	44.4	52.8	75.1	103	118	104	76.8	53.9	44.9	55.3	77.6	107	123	107	78.4	55.6			
115	45.4	51.2	71.7	94.5	107	95.6	72.6	51.7	45.0	54.2	74.7	98.6	111	99.0	75.7	55.4			
120	47.6	50.2	68.8	86.6	96.2	87.0	69.5	51.2	46.4	53.7	72.4	91.5	101	91.6	73.6	55.1			
125	49.8	52.2	65.8	80.5	87.6	80.5	66.7	52.7	48.6	54.1	70.4	86.1	93.0	86.3	71.5	55.8			
130	51.7	54.2	62.8	75.7	81.6	75.6	63.8	55.1	50.9	56.1	68.5	81.6	87.4	81.9	69.4	57.7			
135	53.6	55.5	59.9	70.9	75.9	71.0	60.8	56.9	53.0	57.6	66.1	77.7	82.1	77.8	66.8	58.9			
140	55.0	55.4	59.8	66.2	70.0	66.2	60.0	57.1	54.7	57.0	63.7	73.6	77.0	73.5	64.5	59.3			
145	56.1	55.3	61.4	62.7	64.7	62.3	61.6	56.1	55.8	56.0	64.0	69.2	71.8	68.9	65.0	58.5			
150	56.5	55.1	62.2	63.6	63.4	63.2	62.3	55.1	56.1	56.2	64.5	67.5	67.8	67.4	65.5	58.5			
155	56.6	54.9	61.1	63.8	64.1	63.3	61.4	54.7	55.9	56.3	61.8	67.0	67.3	66.8	64.1	58.9			
160	54.2	51.4	59.7	62.1	62.7	61.9	59.1	53.9	53.9	53.4	60.9	64.9	65.5	64.6	62.0	56.6			
165	46.9	50.2	57.0	60.3	60.4	59.2	52.6	46.1	46.6	48.9	55.8	61.2	63.1	62.1	60.0	54.6			
170	39.6	46.6	49.4	55.9	58.5	49.8	43.5	38.6	38.0	40.2	44.7	52.1	59.8	58.3	54.9	50.7			
175	37.9	39.8	44.7	45.9	41.2	38.4	34.1	35.5	34.9	36.0	35.4	41.0	44.8	49.6	49.4	40.1			
180	42.7	41.5	39.8	33.5	22.9	32.1	38.5	40.8	42.6	41.5	39.8	33.6	22.9	32.1	38.4	40.8			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.9DEG  
 Operators:Water  
 Test Date:2024-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
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 Test Distance:2.519m [K=1.0000]  
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