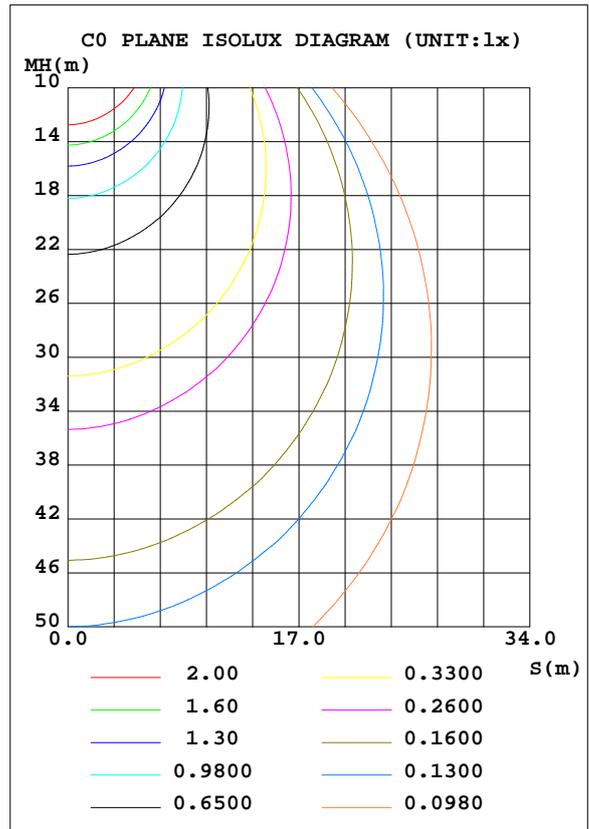
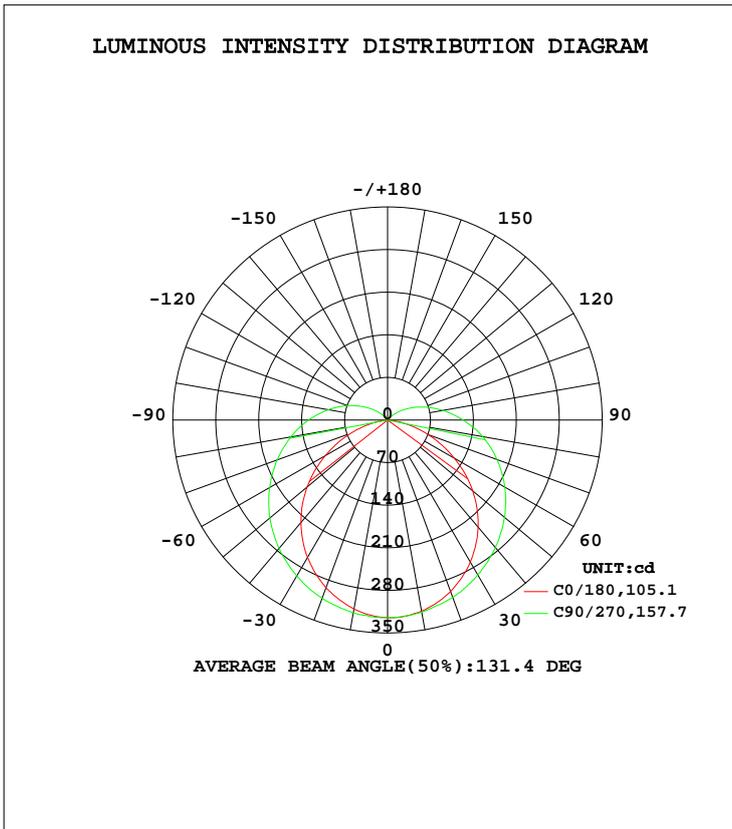


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: ASD-OLWS-21-MV-10D15CC-BN 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: 87.76 lm/W			
MODEL	PRE-2402V49737E-EE	I <sub>max</sub> (cd)	325.4	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.35
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1289.2	η UP, DN(C0-180)	6.1,44.3
NOMINAL FLUX(lm)	1289.16	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	5.5,44.2
LAMPS INSIDE	1	η up(%)	11.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	88.5	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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	315.2	318.0	321.7	321.0	318.9	319.6	320.7	318.0	0- 10	30.72	30.72	2.38,2.38
20	293.6	300.6	311.8	306.3	300.0	303.2	310.0	301.0	10- 20	88.10	118.8	9.22,9.22
30	260.7	275.9	295.8	284.4	269.7	280.2	293.9	277.4	20- 30	134.8	253.6	19.7,19.7
40	219.8	244.2	275.0	255.4	229.8	249.8	273.5	247.7	30- 40	166.0	419.6	32.5,32.5
50	171.1	208.5	250.3	222.0	181.5	214.6	248.9	214.4	40- 50	179.1	598.7	46.4,46.4
60	117.6	171.0	222.1	185.6	125.9	177.0	220.8	178.6	50- 60	174.1	772.8	59.9,59.9
70	64.03	133.8	191.4	149.1	70.82	138.2	189.9	142.6	60- 70	153.6	926.4	71.9,71.9
80	18.41	99.65	160.0	115.0	22.31	102.1	157.5	107.8	70- 80	123.2	1050	81.4,81.4
90	0.2231	70.35	128.8	84.50	0.4160	70.23	123.3	76.85	80- 90	90.87	1140	88.5,88.5
100	0.8994	45.77	98.13	57.56	0.9454	44.16	91.54	50.37	90-100	63.60	1204	93.4,93.4
110	1.269	26.34	69.20	35.65	1.651	24.68	62.62	29.58	100-110	41.14	1245	96.6,96.6
120	1.504	12.27	42.76	18.58	1.931	10.78	37.71	14.10	110-120	23.60	1269	98.4,98.4
130	1.684	4.214	21.31	6.423	2.058	2.954	17.46	3.742	120-130	11.41	1280	99.3,99.3
140	1.885	5.502	5.726	5.857	2.063	4.290	3.517	3.557	130-140	4.235	1284	99.6,99.6
150	2.090	3.495	6.561	4.868	1.977	3.135	4.525	3.367	140-150	2.390	1287	99.8,99.8
160	2.217	2.312	3.791	2.636	1.955	2.114	2.850	1.895	150-160	1.508	1288	99.9,99.9
170	1.637	1.900	2.232	2.207	1.984	2.036	2.367	1.597	160-170	0.6369	1289	100,100
180	1.447	1.381	1.165	1.437	1.452	1.383	1.162	1.437	170-180	0.1613	1289	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 508.65 lm

%lum = 39.5%  
 %lamp = 39.5%

Conical surface Flux(120deg): 772.78 lm

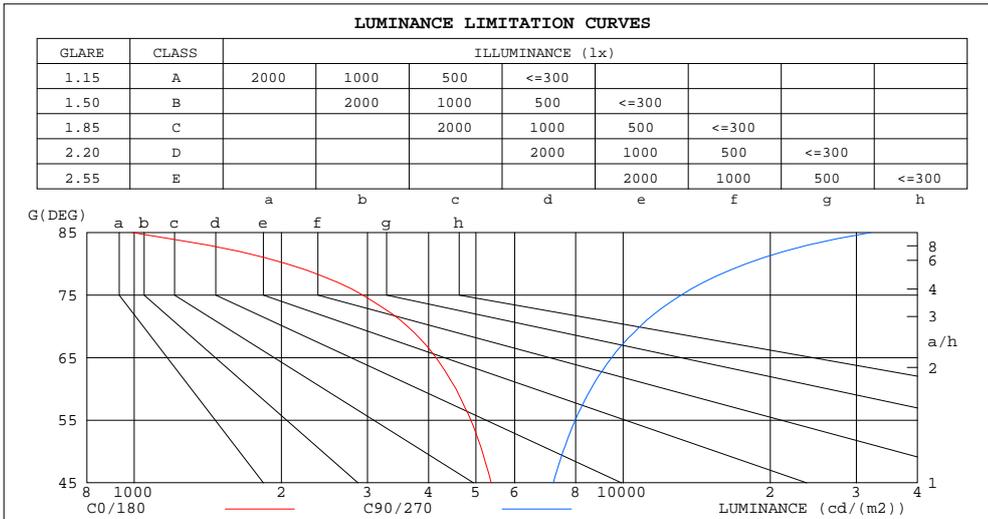
%lum = 59.9%  
 %lamp = 59.9%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: ASD-OLWS-21-MV-10D15CC-BN 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	991	32094
80	2052	17832
75	2934	13133
70	3624	10830
65	4142	9475
60	4554	8595
55	4884	7988
50	5154	7534
45	5373	7201

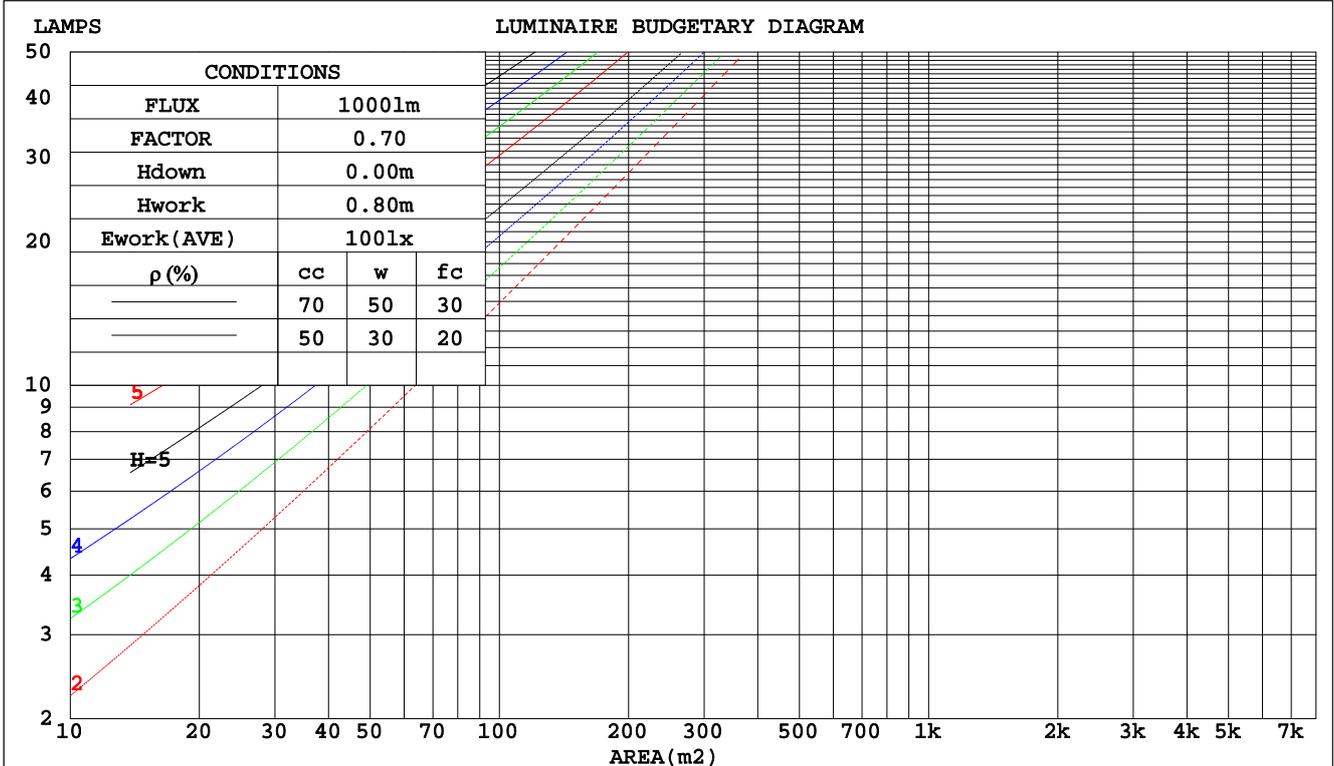
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 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																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	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1.0	.97	.92	.87	.94	.89	.85	.88	.84	.80	.82	.78	.76	.76	.74	.71	.68
2.0	.84	.76	.69	.81	.73	.67	.75	.69	.64	.70	.65	.61	.65	.61	.58	.55
3.0	.73	.64	.56	.70	.62	.55	.65	.58	.53	.61	.55	.50	.57	.52	.48	.45
4.0	.64	.54	.47	.62	.53	.46	.58	.50	.44	.54	.48	.42	.50	.45	.41	.38
5.0	.57	.47	.40	.55	.46	.39	.51	.44	.38	.48	.42	.36	.45	.39	.35	.32
6.0	.51	.41	.35	.49	.40	.34	.46	.39	.33	.43	.37	.32	.41	.35	.30	.28
7.0	.46	.37	.30	.45	.36	.30	.42	.34	.29	.39	.33	.28	.37	.31	.27	.25
8.0	.42	.33	.27	.41	.32	.27	.38	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.22	.20
10.0	.35	.27	.22	.34	.27	.21	.32	.26	.21	.31	.25	.20	.29	.24	.20	.18



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz		
Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 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	.380	.216	.068	.369	.211	.067	.349	.200	.064	.331	.191	.061	.314	.182	.059	
2.0	.331	.182	.056	.322	.177	.055	.304	.169	.052	.287	.161	.050	.272	.154	.048	
3.0	.296	.157	.047	.287	.154	.046	.271	.147	.045	.256	.140	.043	.242	.134	.041	
4.0	.267	.139	.041	.259	.135	.040	.244	.129	.039	.231	.124	.037	.218	.118	.036	
5.0	.243	.124	.036	.236	.121	.035	.222	.116	.034	.210	.111	.033	.199	.106	.032	
6.0	.223	.112	.032	.216	.109	.031	.204	.105	.030	.193	.100	.029	.182	.096	.029	
7.0	.206	.102	.029	.200	.100	.028	.189	.095	.027	.179	.092	.027	.169	.088	.026	
8.0	.191	.093	.026	.185	.091	.026	.175	.088	.025	.166	.084	.024	.157	.081	.024	
9.0	.178	.086	.024	.173	.084	.024	.164	.081	.023	.155	.078	.022	.147	.075	.022	
10.0	.166	.080	.022	.162	.078	.022	.154	.075	.021	.146	.072	.021	.138	.070	.020	

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	.278	.278	.278	.238	.238	.238	.162	.162	.162	.093	.093	.093	.030	.030	.030	
1.0	.274	.244	.217	.234	.210	.187	.160	.144	.129	.092	.083	.075	.030	.027	.024	
2.0	.267	.221	.182	.228	.190	.158	.157	.132	.110	.090	.077	.064	.029	.025	.021	
3.0	.259	.204	.160	.222	.176	.139	.152	.122	.098	.088	.071	.057	.028	.023	.019	
4.0	.251	.191	.146	.216	.165	.127	.148	.115	.089	.086	.068	.053	.028	.022	.017	
5.0	.243	.181	.136	.209	.157	.118	.144	.110	.083	.083	.064	.049	.027	.021	.016	
6.0	.236	.173	.129	.203	.150	.112	.140	.105	.079	.081	.062	.047	.026	.020	.016	
7.0	.229	.167	.123	.197	.144	.107	.136	.101	.076	.079	.060	.045	.026	.020	.015	
8.0	.222	.161	.119	.191	.140	.104	.132	.098	.074	.077	.058	.044	.025	.019	.015	
9.0	.216	.156	.116	.186	.136	.101	.129	.095	.072	.075	.056	.043	.024	.018	.014	
10.0	.210	.152	.113	.181	.132	.099	.126	.093	.070	.073	.055	.042	.024	.018	.014	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 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	16.2	17.7	16.7	18.1	18.5	18.8	20.3	19.2	20.7	21.1
3H	17.5	18.8	17.9	19.3	19.7	21.4	22.8	21.9	23.2	23.7
4H	17.9	19.2	18.4	19.6	20.1	22.9	24.2	23.4	24.6	25.1
6H	18.1	19.3	18.6	19.8	20.3	24.5	25.7	25.0	26.2	26.7
8H	18.2	19.3	18.7	19.8	20.4	25.4	26.5	25.9	27.0	27.6
12H	18.1	19.3	18.7	19.8	20.3	26.4	27.5	26.9	28.0	28.6
4H 2H	17.4	18.7	17.9	19.1	19.6	19.3	20.6	19.8	21.0	21.5
3H	18.9	20.0	19.4	20.5	21.1	22.2	23.3	22.7	23.8	24.3
4H	19.5	20.5	20.0	21.0	21.6	23.8	24.8	24.4	25.4	26.0
6H	19.9	20.8	20.4	21.4	22.0	25.6	26.6	26.2	27.1	27.7
8H	20.0	20.9	20.6	21.4	22.1	26.7	27.5	27.2	28.1	28.7
12H	20.0	20.8	20.6	21.4	22.1	27.8	28.6	28.4	29.2	29.9
8H 4H	20.6	21.5	21.2	22.1	22.7	24.1	24.9	24.7	25.5	26.1
6H	21.4	22.1	22.0	22.7	23.4	26.2	26.9	26.8	27.5	28.2
8H	21.7	22.3	22.3	22.9	23.6	27.4	28.1	28.1	28.7	29.4
12H	21.8	22.4	22.5	23.1	23.8	28.9	29.5	29.5	30.1	30.8
12H 4H	21.0	21.8	21.6	22.4	23.0	24.1	24.9	24.7	25.5	26.1
6H	22.0	22.7	22.6	23.3	24.0	26.3	26.9	26.9	27.6	28.3
8H	22.5	23.1	23.1	23.7	24.4	27.6	28.2	28.3	28.8	29.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 1289 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)  
Area: 0.0517 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Water  
Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

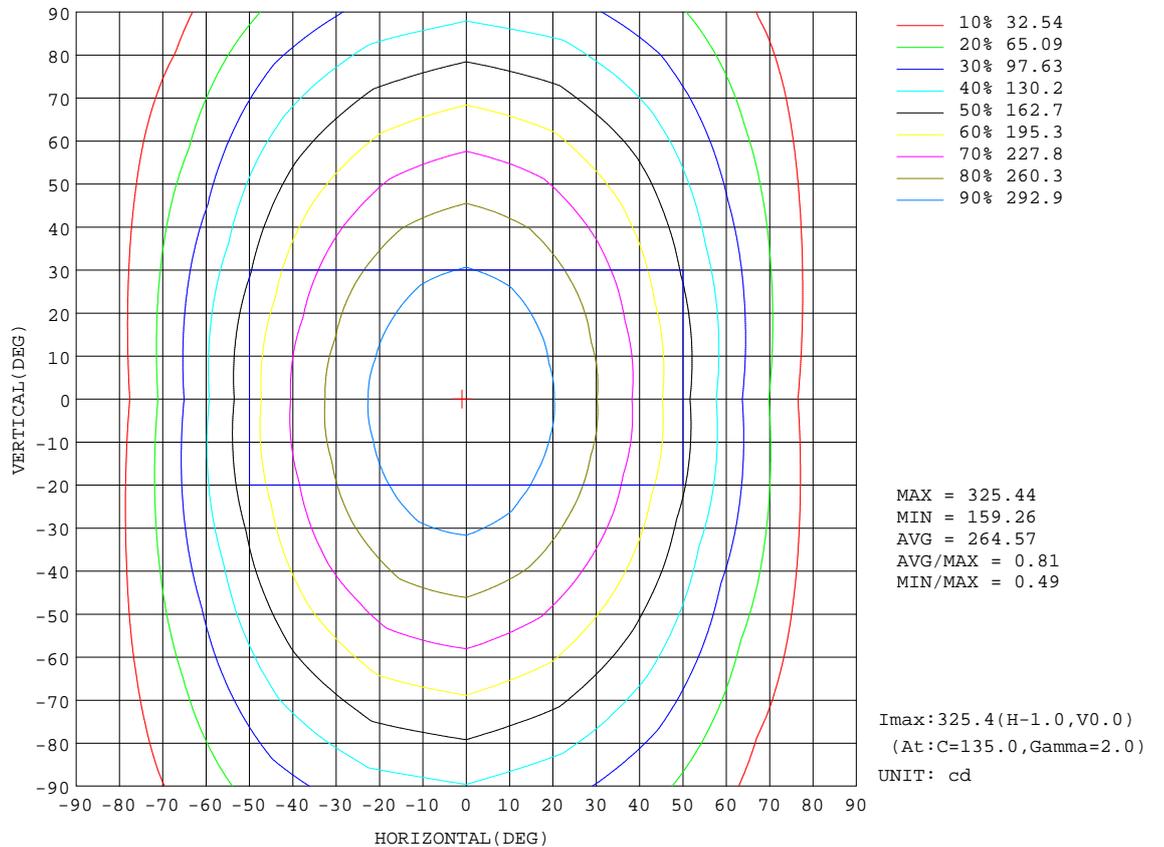
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	30	48	37	30	23
0.80	59	47	39	58	46	38	56	45	38	30
1.00	67	55	46	66	54	46	63	55	45	37
1.25	74	62	54	72	61	53	69	59	52	43
1.50	79	67	59	77	66	58	73	64	57	47
2.00	86	76	68	84	74	67	79	71	64	54
2.50	91	81	73	88	79	72	83	75	69	58
3.00	95	86	78	91	83	77	86	79	74	62
4.00	99	91	85	96	89	83	90	84	79	67
5.00	102	95	90	99	93	87	92	87	83	70
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:Water  
 Test Date:2024-07-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



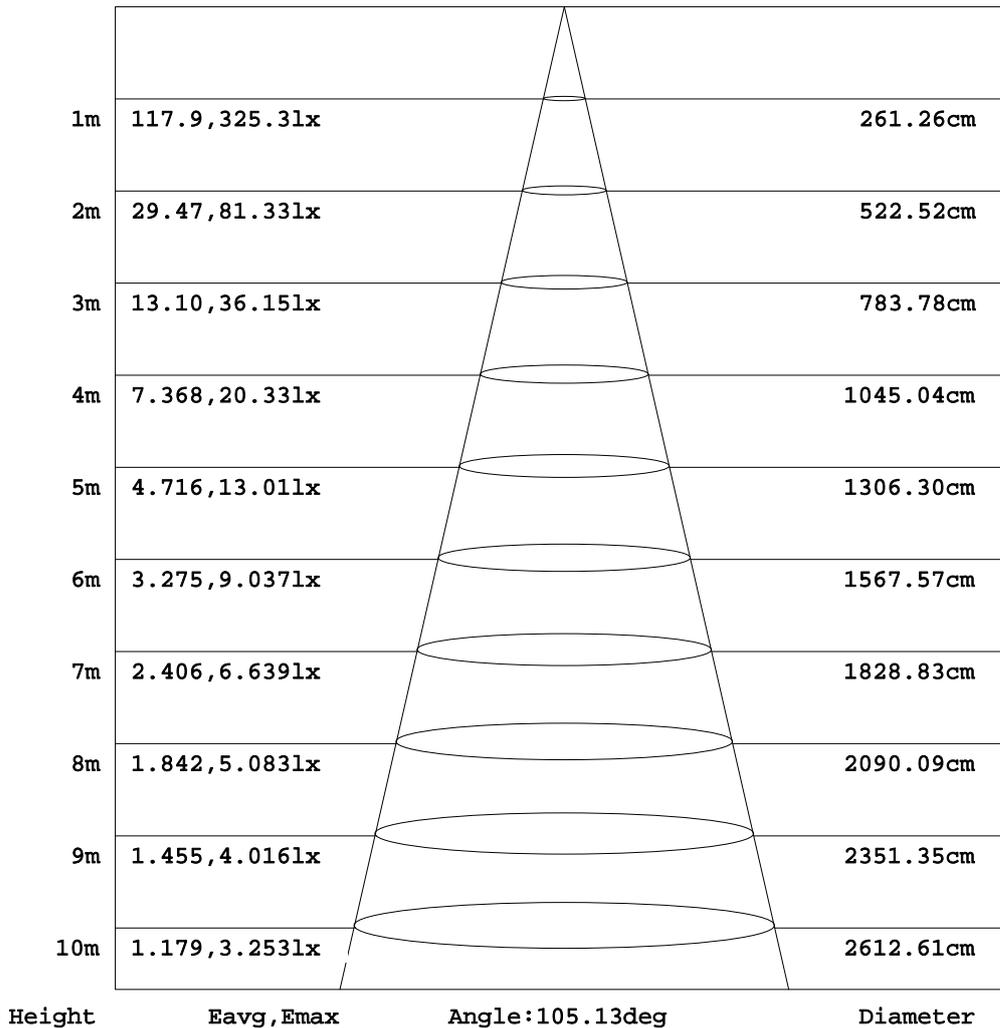
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: ASD-OLWS-21-MV-10D15CC-BN 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:652.2 lm



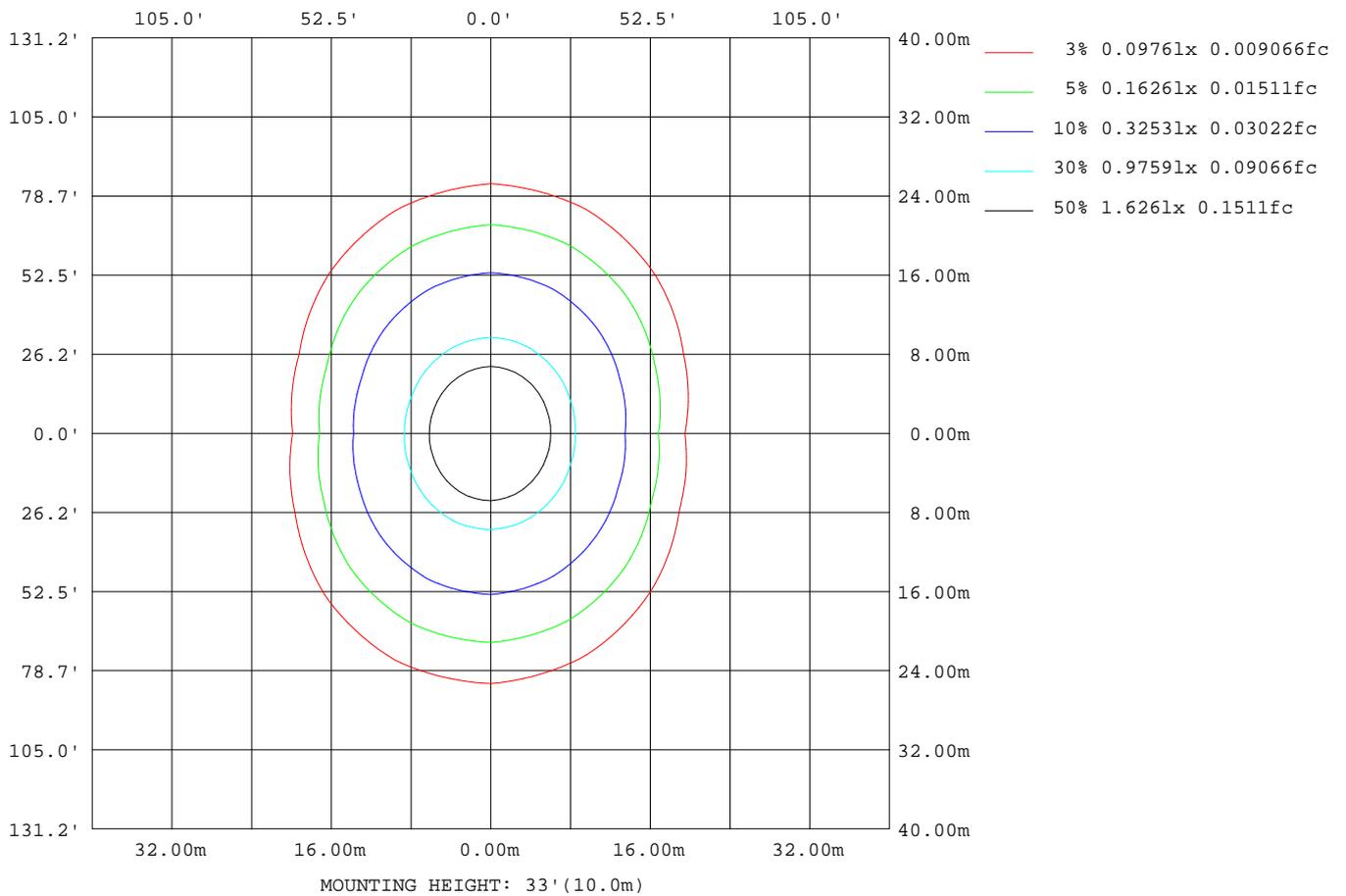
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.1DEG  
Operators:Water  
Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 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:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.:ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

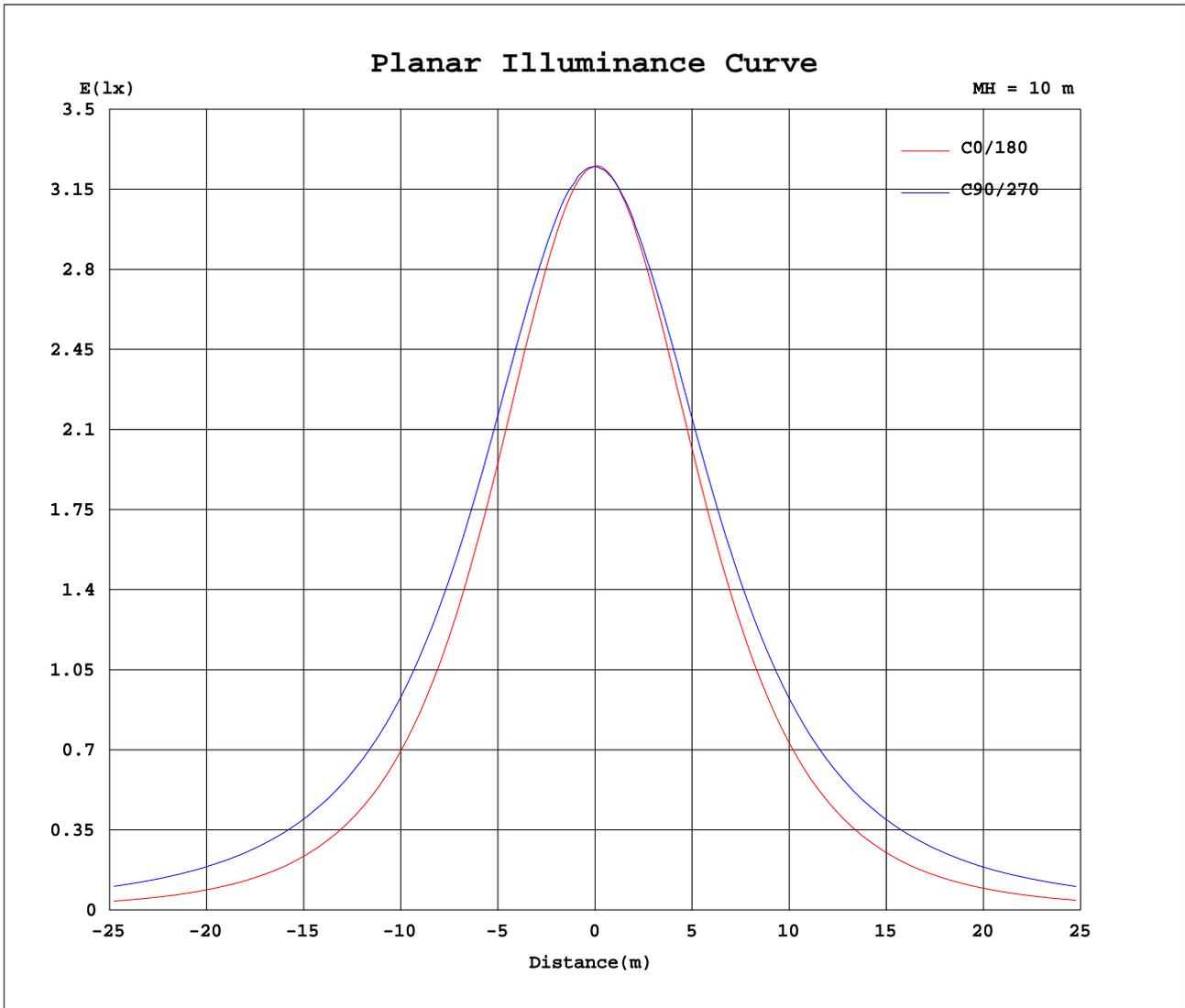
AvgL	cd/m2
L_0~180(65)av	4311
L_0~180(75)av	3145
L_0~180(85)av	1173
L_90~270(65)av	9441
L_90~270(75)av	13061
L_90~270(85)av	31610
L_45(65)av	7302
L_45(75)av	9193
L_45(85)av	20014

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

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: 25.1DEG  
 Operators: Water  
 Test Date: 2024-07-12

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:120.03V I:0.1245A P:14.690W PF:0.9830 Freq:60.00Hz Lamp Flux:1289.16x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10D15CC-BN 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	325	325	325	325	325	325	325	325	325	325	325	325	325	325	325	325			
5	322	322	323	324	324	324	325	323	324	323	324	323	324	323	323	322			
10	315	316	318	320	322	321	321	319	319	319	320	320	321	319	318	316			
15	306	307	310	314	317	317	315	311	311	310	313	314	315	313	310	307			
20	294	295	301	307	312	311	306	301	300	300	303	308	310	307	301	295			
25	278	281	289	299	305	304	296	288	286	286	293	299	303	298	290	281			
30	261	265	276	288	296	294	284	273	270	271	280	289	294	288	277	265			
35	241	246	261	277	286	283	270	257	251	253	266	278	284	277	263	248			
40	220	226	244	264	275	271	255	238	230	233	250	265	274	265	248	229			
45	196	205	227	250	263	258	239	217	206	212	233	252	261	252	231	209			
50	171	182	208	235	250	244	222	195	182	190	215	238	249	238	214	186			
55	145	158	190	220	237	229	204	172	154	166	196	222	235	223	197	164			
60	118	134	171	204	222	214	186	149	126	141	177	206	221	208	179	142			
65	90.4	110	152	188	207	198	167	125	98.0	117	158	190	206	192	161	119			
70	64.0	87.4	134	172	191	182	149	103	70.8	93.5	138	174	190	176	143	97.9			
75	39.2	66.8	116	156	176	166	132	82.6	44.9	71.7	120	157	174	160	125	77.7			
80	18.4	48.9	99.7	140	160	150	115	64.3	22.3	52.2	102	140	157	143	108	59.4			
85	4.46	33.9	84.3	124	145	133	99.2	48.6	6.11	36.0	85.5	124	140	127	91.8	44.0			
90	0.22	22.7	70.3	109	129	118	84.5	35.8	0.42	23.5	70.2	107	123	111	76.9	31.3			
95	0.44	14.5	57.2	94.4	113	103	70.7	25.6	0.42	14.4	56.4	91.7	107	95.2	62.9	21.3			
100	0.90	8.85	45.8	80.5	98.1	88.5	57.6	17.7	0.95	8.45	44.2	76.9	91.5	80.4	50.4	13.9			
105	1.11	5.31	35.4	67.2	83.4	74.5	46.1	11.7	1.47	4.75	33.6	62.7	76.7	66.4	39.3	8.67			
110	1.27	3.05	26.3	54.7	69.2	61.3	35.7	7.42	1.65	2.58	24.7	50.2	62.6	53.3	29.6	4.80			
115	1.40	2.95	18.6	43.1	55.3	48.7	26.7	4.40	1.81	2.32	17.1	38.8	49.7	41.5	21.2	2.41			
120	1.50	3.49	12.3	32.4	42.8	37.3	18.6	3.85	1.93	2.96	10.8	28.6	37.7	30.9	14.1	2.17			
125	1.59	3.53	6.98	23.0	31.5	27.0	11.8	4.48	2.00	3.42	5.95	19.6	27.1	21.4	8.07	2.80			
130	1.68	2.81	4.21	14.6	21.3	17.8	6.42	4.96	2.06	2.90	2.95	11.8	17.5	13.2	3.74	3.26			
135	1.78	2.29	4.79	7.39	12.4	9.71	5.10	4.11	2.07	2.47	3.60	5.60	9.52	6.58	3.01	2.68			
140	1.88	2.18	5.50	5.02	5.73	5.06	5.86	3.24	2.06	2.26	4.29	3.29	3.52	3.07	3.56	1.99			
145	2.00	2.23	5.17	5.81	5.69	5.85	6.38	2.78	2.02	2.26	4.48	3.97	3.58	3.56	4.19	1.83			
150	2.09	2.20	3.49	6.41	6.56	6.68	4.87	2.71	1.98	2.11	3.14	4.80	4.53	4.52	3.37	1.83			
155	2.16	2.22	2.52	4.67	6.20	5.58	3.23	2.61	1.92	2.08	2.08	3.58	4.73	3.87	2.20	1.78			
160	2.22	2.21	2.31	2.89	3.79	3.42	2.64	2.50	1.95	2.11	2.11	2.37	2.85	2.39	1.89	1.91			
165	2.24	2.15	2.21	2.43	2.68	2.52	2.48	2.46	2.04	2.14	2.02	2.31	2.42	2.23	1.89	1.75			
170	1.64	1.82	1.90	1.99	2.23	2.21	2.21	2.30	1.98	2.00	2.04	2.12	2.37	1.63	1.60	1.59			
175	1.34	1.36	1.72	1.61	1.74	1.88	1.96	1.85	1.53	1.47	1.70	1.58	1.43	1.25	1.46	1.21			
180	1.45	1.37	1.38	1.30	1.16	1.26	1.44	1.32	1.45	1.37	1.38	1.31	1.16	1.26	1.44	1.32			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.1DEG  
 Operators:Water  
 Test Date:2024-07-12

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
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