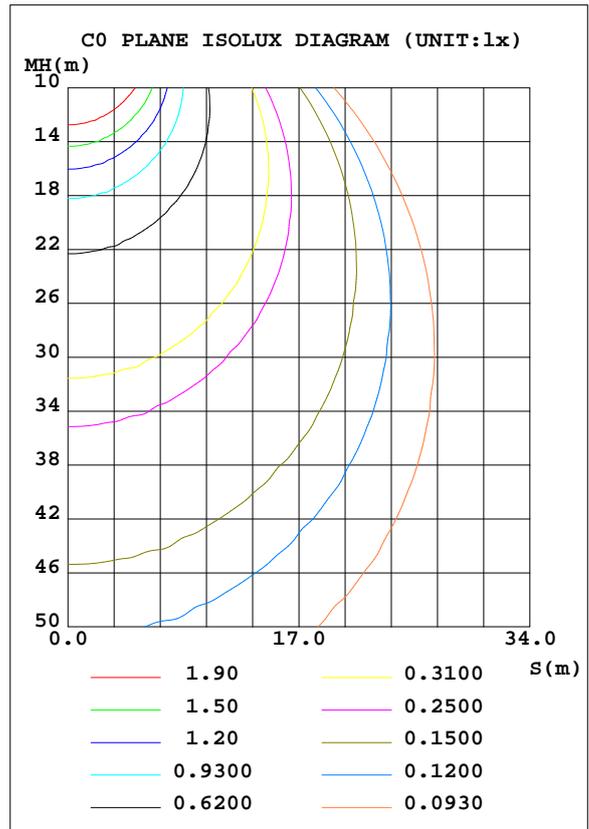
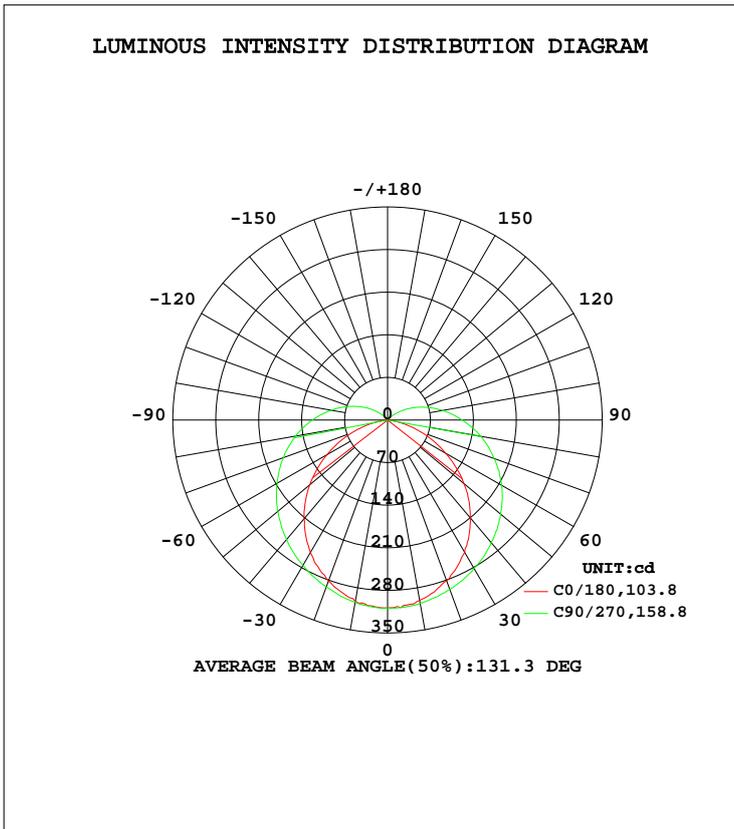


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: CUF/QNYU/43/OX/32P37DM/RE"7222M	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	PRE-2402U81888E-EE	Imax(cd)	309.9	S/MH(C0/180)	1.21
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.37
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1210.1	η UP, DN(C0-180)	5.8,44.0
NOMINAL FLUX(lm)	1210.13	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	5.4,44.7
LAMPS INSIDE	1	η up(%)	11.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	88.8	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	302.4	301.1	303.9	302.4	301.0	302.8	306.1	303.8	0- 10	29.17	29.17	2.41,2.41
20	281.7	284.7	291.9	284.7	281.3	286.5	295.8	288.4	10- 20	83.46	112.6	9.31,9.31
30	251.4	259.3	275.4	260.7	251.4	262.7	281.6	267.2	20- 30	127.2	239.9	19.8,19.8
40	211.7	229.7	255.8	232.1	210.0	233.6	262.9	239.6	30- 40	156.3	396.1	32.7,32.7
50	165.5	196.1	233.2	200.4	162.5	200.0	240.4	208.3	40- 50	168.3	564.4	46.6,46.6
60	114.4	161.3	207.9	167.1	109.8	164.3	214.4	174.5	50- 60	163.5	727.9	60.1,60.1
70	63.08	126.9	180.5	134.2	58.43	127.9	184.8	139.9	60- 70	144.4	872.3	72.1,72.1
80	17.63	95.39	151.9	103.5	14.67	94.33	154.2	106.2	70- 80	116.2	988.5	81.7,81.7
90	0.3038	67.61	122.7	75.37	0.0292	65.14	122.0	76.33	80- 90	86.11	1075	88.8,88.8
100	0.4365	43.83	93.45	51.25	0.1637	40.68	90.91	50.16	90-100	60.56	1135	93.8,93.8
110	0.9411	25.31	65.73	31.07	0.2787	21.62	62.14	28.96	100-110	38.89	1174	97,97
120	1.129	11.09	40.47	14.89	0.4003	7.660	36.25	12.53	110-120	21.74	1196	98.8,98.8
130	1.165	1.879	18.98	3.206	0.5229	1.898	14.76	1.811	120-130	9.554	1205	99.6,99.6
140	1.158	3.188	3.069	2.921	0.5868	2.597	1.934	2.584	130-140	2.693	1208	99.8,99.8
150	1.166	1.597	3.619	1.969	0.6189	0.6607	2.859	0.8042	140-150	1.221	1209	99.9,99.9
160	1.150	1.081	1.152	0.9997	0.6339	0.6213	0.5830	0.6850	150-160	0.5919	1210	100,100
170	0.9568	0.9010	0.8450	0.8733	0.6390	0.6122	0.6546	0.6218	160-170	0.2322	1210	100,100
180	0.6610	0.6305	0.5842	0.6414	0.6620	0.6315	0.5848	0.6424	170-180	0.0665	1210	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 479.86 lm

%lum = 39.7%
 %lamp = 39.7%

Conical surface Flux(120deg): 727.88 lm

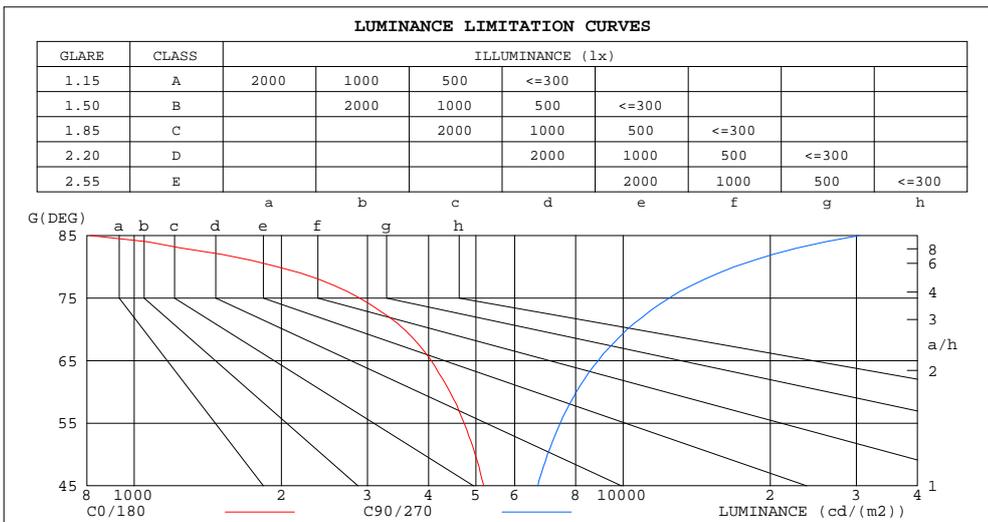
%lum = 60.1%
 %lamp = 60.1%

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: CUF/QNYU/43/OX/32P37DM/RE"7222M	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	814	30385
80	1964	16875
75	2893	12422
70	3568	10181
65	4052	8890
60	4426	8022
55	4732	7437
50	4982	6999
45	5189	6694

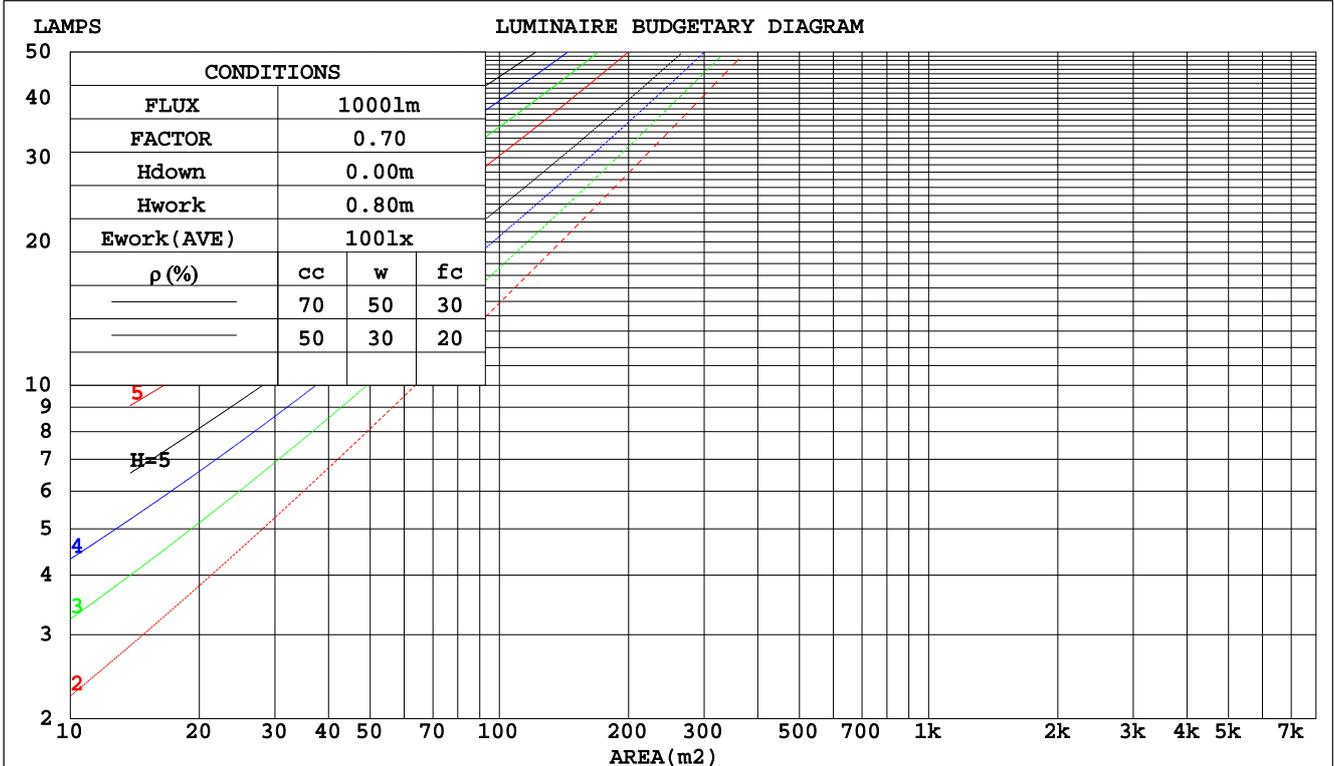
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Water
 Test Date:2024-07-12

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: CUF/QNYU/43/OX/32P37DM/RE"7222M	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	.92	.92	.92	.89
1.0	.97	.92	.87	.94	.89	.85	.88	.84	.80	.82	.79	.76	.76	.74	.71	.68
2.0	.84	.76	.69	.81	.74	.67	.75	.69	.64	.70	.65	.61	.65	.62	.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	.43	.51	.45	.41	.38
5.0	.57	.47	.40	.55	.46	.39	.51	.44	.38	.48	.42	.36	.45	.40	.35	.33
6.0	.51	.42	.35	.49	.41	.34	.46	.39	.33	.44	.37	.32	.41	.35	.31	.28
7.0	.46	.37	.30	.45	.36	.30	.42	.34	.29	.40	.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	.32	.26	.22	.20
10.0	.35	.27	.22	.34	.27	.21	.33	.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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz		
Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:CUF/QNYU/43/OX/32P37DM/RE"7222M	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	.381	.217	.069	.370	.211	.067	.350	.201	.064	.332	.191	.061	.315	.183	.059	
2.0	.332	.182	.056	.322	.178	.055	.304	.169	.053	.288	.161	.051	.273	.154	.049	
3.0	.296	.157	.047	.287	.154	.046	.271	.147	.045	.256	.140	.043	.242	.134	.042	
4.0	.267	.139	.041	.259	.136	.040	.245	.130	.039	.231	.124	.037	.218	.119	.036	
5.0	.243	.124	.036	.236	.121	.035	.223	.116	.034	.211	.111	.033	.199	.106	.032	
6.0	.223	.112	.032	.216	.109	.031	.205	.105	.031	.193	.101	.030	.183	.096	.029	
7.0	.206	.102	.029	.200	.100	.028	.189	.096	.028	.179	.092	.027	.169	.088	.026	
8.0	.191	.093	.026	.186	.091	.026	.176	.088	.025	.166	.084	.024	.158	.081	.024	
9.0	.178	.086	.024	.173	.084	.024	.164	.081	.023	.156	.078	.022	.148	.075	.022	
10.0	.167	.080	.022	.162	.078	.022	.154	.075	.021	.146	.073	.021	.139	.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	.276	.276	.276	.236	.236	.236	.161	.161	.161	.092	.092	.092	.030	.030	.030	
1.0	.271	.242	.215	.232	.207	.185	.159	.143	.128	.091	.083	.074	.029	.027	.024	
2.0	.264	.218	.180	.226	.188	.155	.155	.130	.108	.089	.076	.064	.029	.024	.021	
3.0	.257	.202	.158	.220	.174	.137	.151	.121	.096	.087	.071	.057	.028	.023	.019	
4.0	.249	.189	.143	.213	.163	.124	.147	.114	.088	.085	.067	.052	.027	.022	.017	
5.0	.241	.179	.133	.207	.155	.116	.142	.108	.082	.083	.063	.048	.027	.021	.016	
6.0	.233	.171	.126	.201	.148	.110	.138	.104	.078	.080	.061	.046	.026	.020	.015	
7.0	.226	.164	.121	.195	.142	.105	.134	.100	.074	.078	.059	.044	.025	.019	.015	
8.0	.219	.158	.116	.189	.137	.102	.131	.096	.072	.076	.057	.043	.025	.019	.014	
9.0	.213	.154	.113	.184	.133	.099	.127	.094	.070	.074	.055	.042	.024	.018	.014	
10.0	.207	.149	.111	.179	.130	.097	.124	.091	.069	.072	.054	.041	.023	.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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz		
Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: CUF/QNYU/43/OX/32P37DM/RE"7222M	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	16.4	17.8	16.8	18.2	18.7	18.8	20.3	19.2	20.7	21.1
3H	17.6	19.0	18.1	19.4	19.9	21.5	22.8	21.9	23.2	23.7
4H	18.1	19.4	18.5	19.8	20.3	22.9	24.2	23.4	24.7	25.2
6H	18.3	19.5	18.8	20.0	20.5	24.5	25.8	25.0	26.2	26.7
8H	18.3	19.5	18.8	20.0	20.5	25.4	26.6	25.9	27.1	27.6
12H	18.3	19.5	18.8	19.9	20.5	26.5	27.6	27.0	28.1	28.6
4H 2H	17.5	18.8	18.0	19.2	19.7	19.3	20.6	19.8	21.0	21.5
3H	19.0	20.2	19.5	20.7	21.2	22.2	23.3	22.7	23.8	24.4
4H	19.6	20.7	20.2	21.2	21.8	23.9	24.9	24.4	25.4	26.0
6H	20.0	21.0	20.6	21.5	22.1	25.7	26.7	26.3	27.2	27.8
8H	20.1	21.0	20.7	21.6	22.2	26.7	27.6	27.3	28.2	28.8
12H	20.2	21.0	20.8	21.6	22.2	27.9	28.7	28.5	29.3	29.9
8H 4H	20.8	21.6	21.3	22.2	22.8	24.2	25.0	24.7	25.6	26.2
6H	21.5	22.3	22.1	22.9	23.5	26.3	27.0	26.9	27.6	28.3
8H	21.8	22.5	22.4	23.1	23.8	27.5	28.2	28.2	28.8	29.5
12H	22.0	22.6	22.6	23.2	23.9	29.0	29.6	29.6	30.2	30.9
12H 4H	21.1	22.0	21.7	22.5	23.2	24.2	25.0	24.8	25.5	26.2
6H	22.2	22.8	22.8	23.5	24.1	26.4	27.0	27.0	27.7	28.4
8H	22.6	23.2	23.3	23.9	24.6	27.7	28.3	28.4	28.9	29.7
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, 1210 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.7)
 Area: 0.0517 m2

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Temperature:25.1DEG	Humidity:46%
Operators:Water	Test Distance:2.519m [K=1.0000]
Test Date:2024-07-12	Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:CUF/QNYU/43/OX/32P37DM/RE"7222M	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

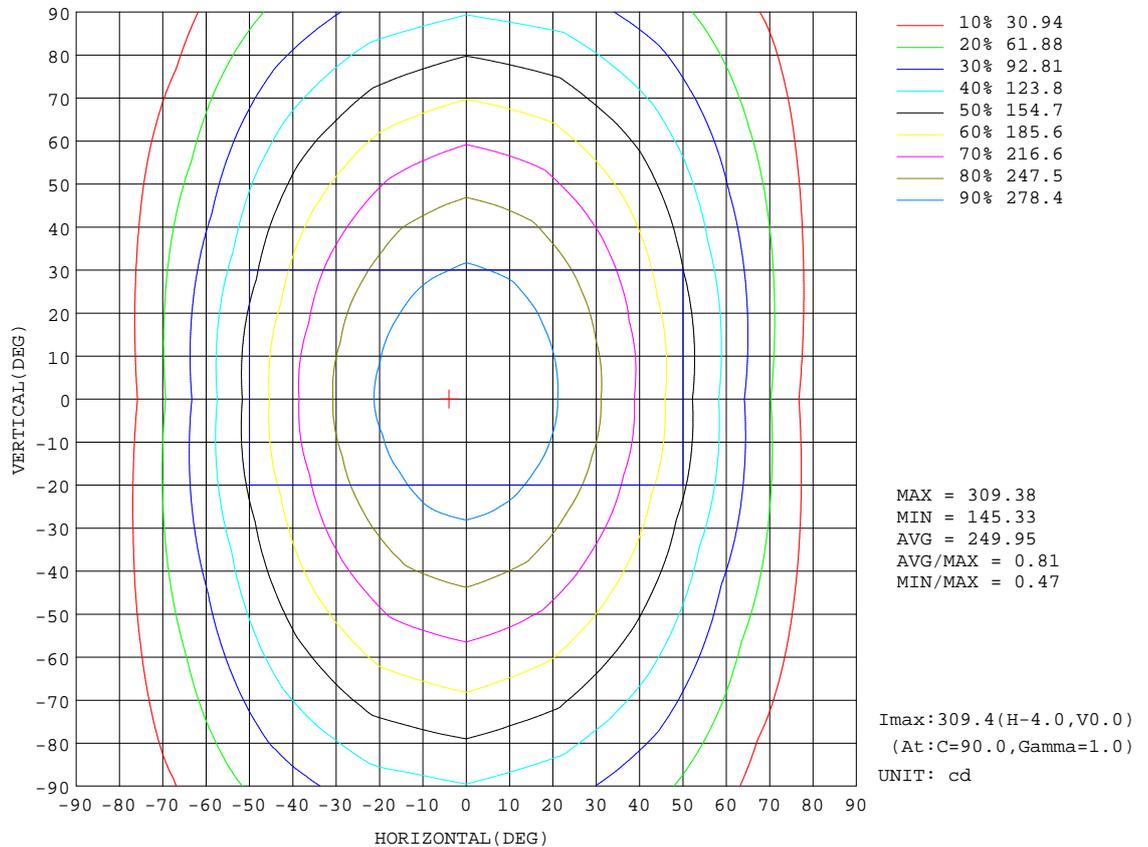
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	31	48	37	30	24
0.80	60	47	39	58	46	39	56	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	87	76	68	84	74	67	79	71	65	54
2.50	91	81	73	88	79	72	83	75	69	58
3.00	95	86	78	92	83	77	86	79	74	62
4.00	99	92	85	96	89	83	90	84	79	67
5.00	102	95	90	99	93	88	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

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:CUF/QNYU/43/OX/32P37DM/RE"7222M	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A



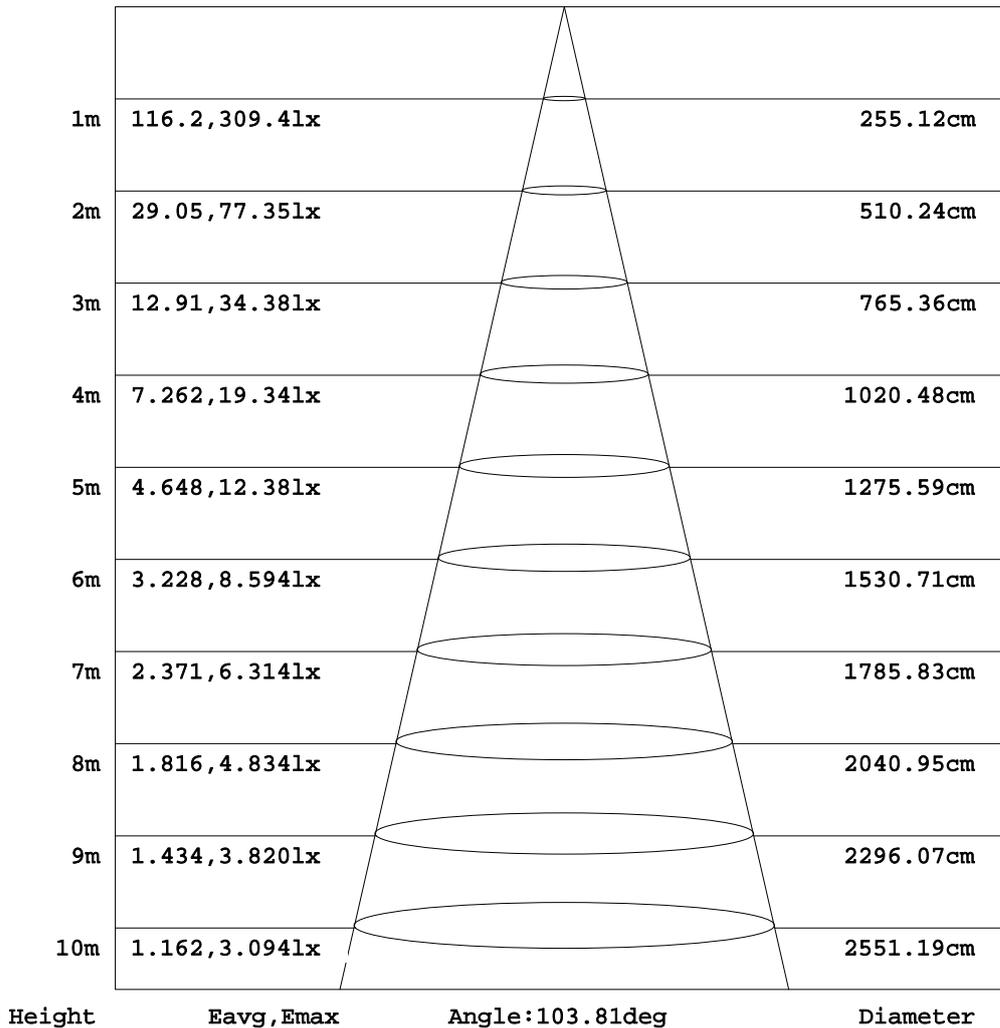
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Water
 Test Date: 2024-07-12

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10N15BK-PC 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

Flux out:598.0 lm



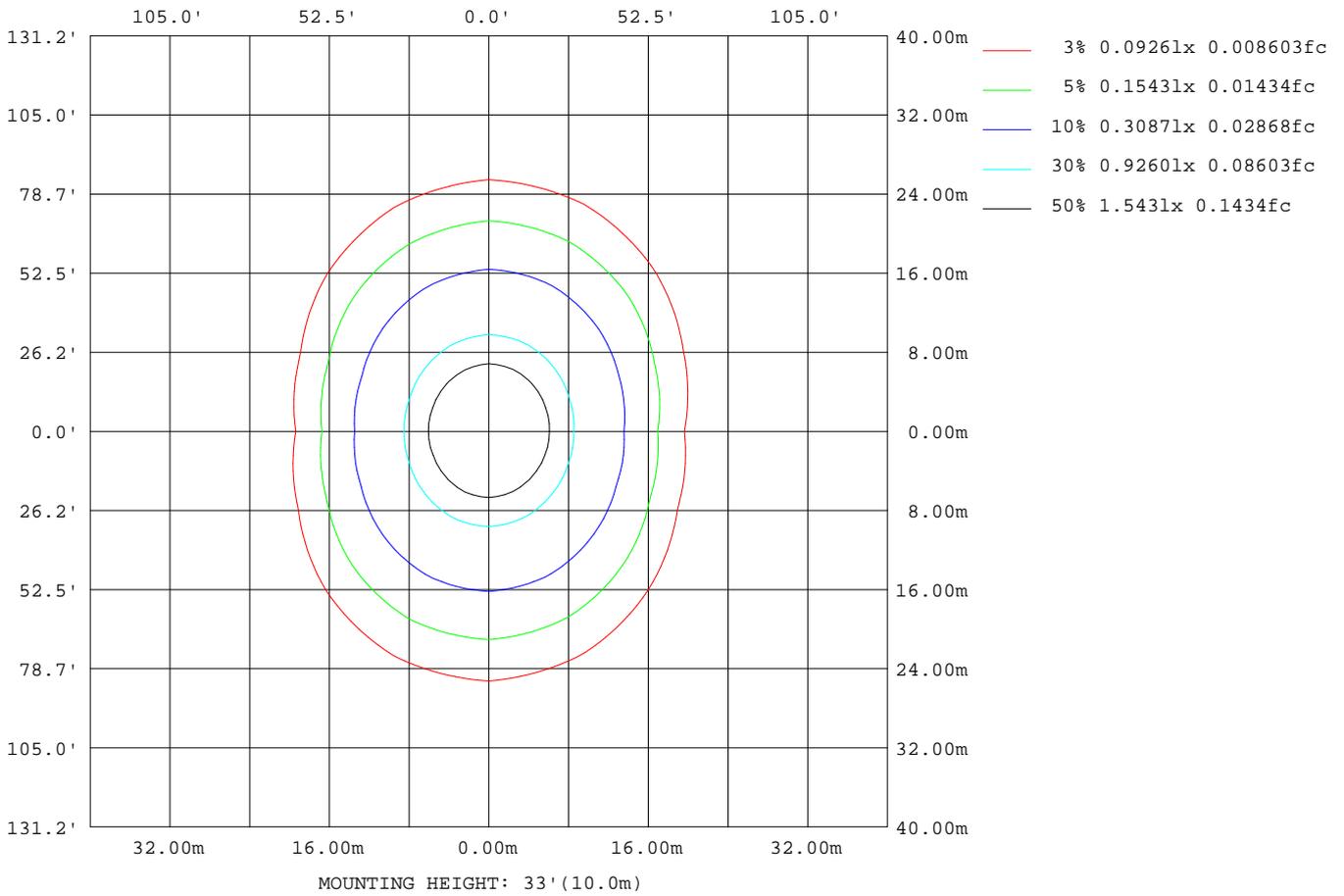
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.:ASD-OLWS-21-MV-10N15BK-PC 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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: ASD-OLWS-21-MV-10N15BK-PC 5000K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

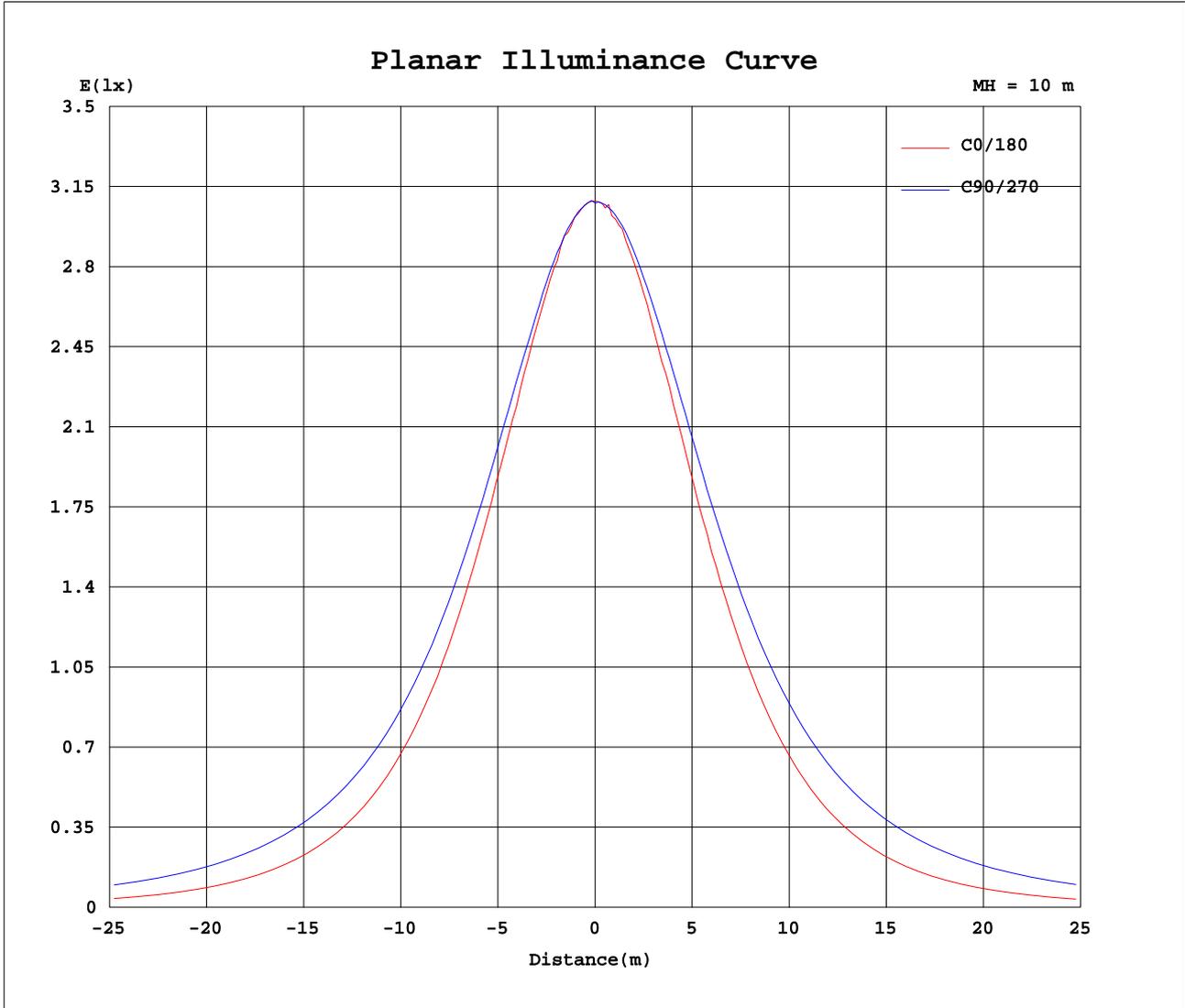
AvgL	cd/m2
L_0~180(65)av	3949
L_0~180(75)av	2740
L_0~180(85)av	598
L_90~270(65)av	9058
L_90~270(75)av	12596
L_90~270(85)av	30543
L_45(65)av	6845
L_45(75)av	8635
L_45(85)av	18864

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

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:120.06V I:0.1231A P:14.680W PF:0.9933 Freq:60.00Hz Lamp Flux:1210.13x1 lm		
NAME: LED Luminaire	TYPE: N/A	WEIGHT: N/A
SPEC.: ASD-OLWS-21-MV-10N15BK-PC 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	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309			
5	307	306	306	307	308	306	307	306	306	307	307	308	309	307	307	307			
10	302	301	301	303	304	303	302	301	301	301	303	304	306	304	304	302			
15	292	292	294	297	299	297	295	292	293	293	295	299	302	299	297	294			
20	282	282	285	289	292	288	285	281	281	283	287	292	296	293	288	284			
25	267	268	273	280	285	280	273	268	267	269	275	284	290	285	279	269			
30	251	253	259	270	275	271	261	252	251	253	263	275	282	277	267	256			
35	233	235	245	259	267	260	247	235	232	235	249	264	274	267	254	239			
40	212	216	230	247	256	248	232	215	210	216	234	252	263	256	240	221			
45	190	195	213	234	245	237	216	195	188	195	217	239	253	244	224	202			
50	166	173	196	221	233	224	200	174	163	173	200	226	240	231	208	181			
55	140	151	179	207	221	210	184	152	137	150	182	212	228	217	191	160			
60	114	127	161	193	208	197	167	130	110	127	164	198	214	203	175	138			
65	88.5	105	144	178	195	182	150	109	84.0	104	147	182	201	188	157	117			
70	63.1	83.8	127	164	181	169	134	89.1	58.4	82.7	128	166	185	172	140	96.2			
75	38.7	64.3	111	149	167	154	118	70.7	34.6	62.9	111	150	170	157	122	76.8			
80	17.6	47.3	95.4	133	152	139	103	54.6	14.7	45.1	94.3	135	154	141	106	59.1			
85	3.67	33.1	80.9	119	137	124	89.1	40.9	1.72	30.5	79.1	119	138	126	90.8	43.7			
90	0.30	22.1	67.6	105	123	110	75.4	29.7	0.03	19.3	65.1	104	122	110	76.3	31.2			
95	0.23	14.0	54.9	91.0	108	95.5	63.1	20.6	0.05	11.3	52.2	89.0	107	94.9	62.7	21.0			
100	0.44	8.22	43.8	77.4	93.5	82.1	51.3	13.7	0.16	5.98	40.7	74.7	90.9	80.3	50.2	13.5			
105	0.79	4.39	33.9	64.6	79.5	68.9	40.5	8.32	0.24	2.47	30.5	60.9	76.4	66.3	39.0	7.82			
110	0.94	2.12	25.3	52.6	65.7	56.5	31.1	4.32	0.28	0.73	21.6	48.2	62.1	53.0	29.0	3.90			
115	1.06	1.67	17.6	41.3	52.5	44.7	22.5	1.60	0.33	1.10	14.0	36.6	48.9	40.8	20.1	1.49			
120	1.13	2.20	11.1	30.7	40.5	33.8	14.9	1.39	0.40	1.38	7.66	25.9	36.2	29.5	12.5	1.81			
125	1.16	2.31	5.58	21.2	29.2	23.6	8.49	1.93	0.47	0.82	2.65	16.5	24.8	19.4	6.16	2.13			
130	1.16	1.68	1.88	13.0	19.0	14.7	3.21	2.16	0.52	0.66	1.90	8.43	14.8	10.6	1.81	1.59			
135	1.16	1.29	2.52	5.78	10.3	7.08	2.22	1.34	0.56	0.70	2.37	1.91	6.01	3.15	2.22	1.12			
140	1.16	1.19	3.19	2.46	3.07	2.25	2.92	0.86	0.59	0.72	2.60	2.25	1.93	2.16	2.58	1.00			
145	1.15	1.16	2.94	3.21	2.84	3.02	3.45	0.90	0.61	0.71	1.18	2.74	2.50	2.62	1.85	0.90			
150	1.17	1.19	1.60	3.84	3.62	3.77	1.97	0.97	0.62	0.67	0.66	1.96	2.86	2.36	0.80	0.81			
155	1.17	1.17	1.11	2.14	3.01	2.44	1.00	1.01	0.62	0.64	0.61	0.62	1.08	0.75	0.70	0.75			
160	1.15	1.13	1.08	1.03	1.15	1.01	1.00	1.01	0.63	0.64	0.62	0.58	0.58	0.62	0.69	0.73			
165	1.09	1.07	1.02	0.97	0.96	0.97	0.96	0.97	0.65	0.65	0.62	0.60	0.62	0.60	0.66	0.71			
170	0.96	0.95	0.90	0.83	0.85	0.86	0.87	0.90	0.64	0.65	0.61	0.59	0.65	0.55	0.62	0.68			
175	0.74	0.73	0.75	0.72	0.72	0.76	0.74	0.76	0.61	0.61	0.62	0.63	0.59	0.57	0.61	0.62			
180	0.66	0.64	0.63	0.63	0.58	0.60	0.64	0.63	0.66	0.64	0.63	0.63	0.58	0.60	0.64	0.64			

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: