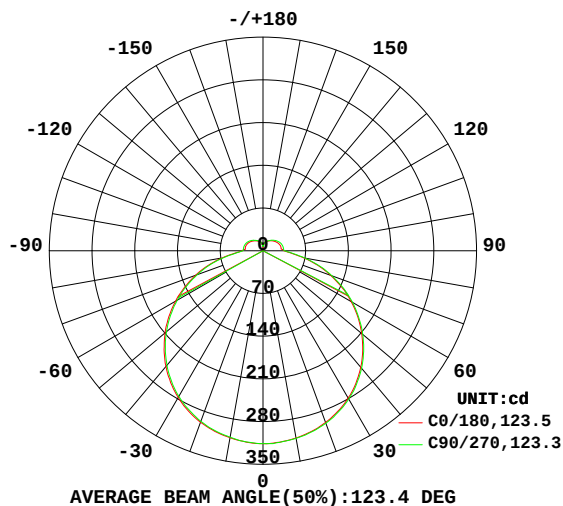


LUMINAIRE PHOTOMETRIC TEST REPORT

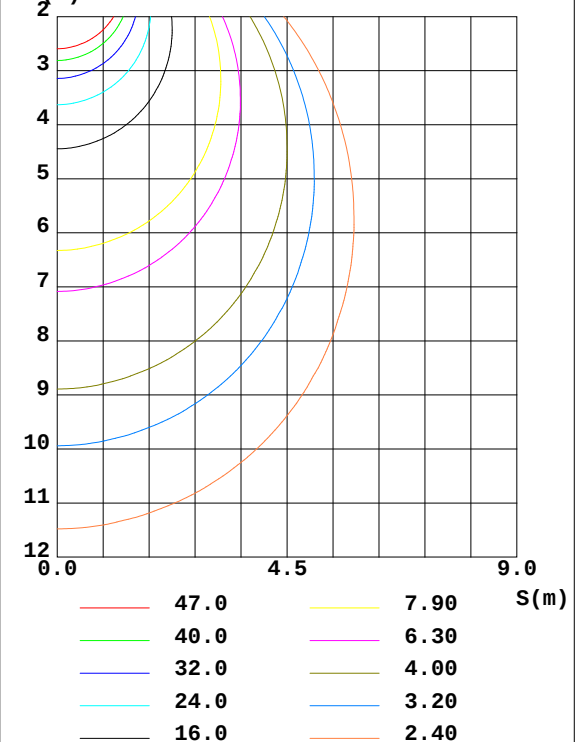
Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME: ASD-LOFT-FM-12D20SM-RGBW-BK	TYPE: N/A	WEIGHT: N/A
SPEC.: 6500K	DIM.: N/A	SERIAL No.: N/A
MFR.: ASD Lighting Corp	SUR.: N/A	Shielding Angle: N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.40 lm/W			
MODE ASD-LOFT-FM-12D20SM-RGBW-BK		I _{max} (cd)	316.5	S/MH(C0/180)	1.31
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1220.6	η UP, DN(C0-180)	6.8, 42.7
NOMINAL FLUX(lm)	1220.55	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	6.9, 43.6
LAMPS INSIDE	1	η up(%)	13.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	86.3	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Water
Test Date: 2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 51%
Test Distance: 2.519m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

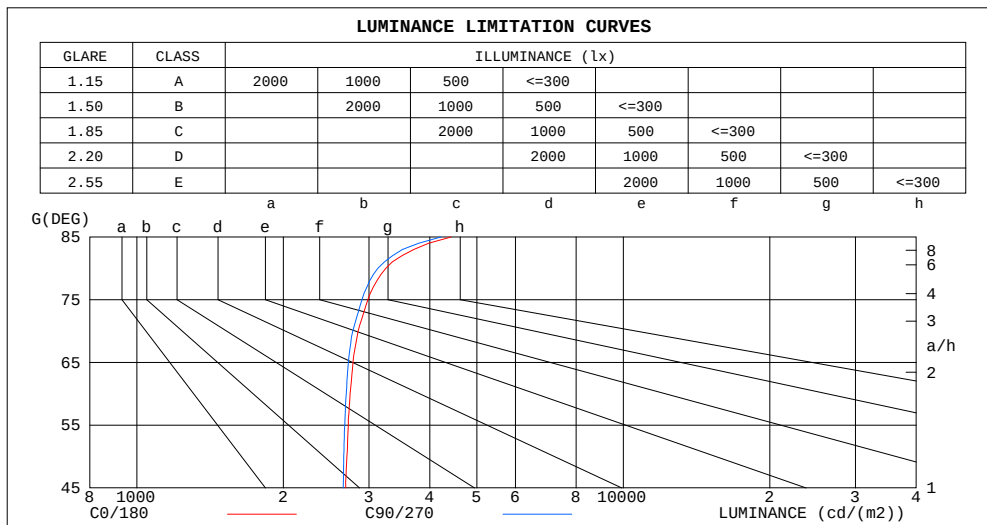
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	311.0	310.6	310.3	310.9	311.5	312.1	312.1	312.1	0- 10	29.94	29.94	2.45, 2.45
20	299.1	297.9	297.6	298.0	299.5	300.5	300.8	300.6	10- 20	86.54	116.5	9.54, 9.54
30	277.5	276.5	275.8	276.6	278.7	280.6	280.7	279.8	20- 30	133.7	250.2	20.5, 20.5
40	247.5	245.7	244.9	246.1	249.2	251.2	251.3	250.3	30- 40	165.5	415.7	34.1, 34.1
50	209.5	207.7	206.4	207.6	211.3	213.4	213.4	212.6	40- 50	177.5	593.2	48.6, 48.6
60	165.5	163.9	162.4	163.5	167.0	169.4	169.3	168.6	50- 60	168.8	762.0	62.4, 62.4
70	117.6	116.2	114.7	115.3	118.0	119.8	120.0	119.6	60- 70	140.7	902.7	74.7, 74.7
80	68.05	66.81	65.50	65.19	67.85	69.39	70.02	69.79	70- 80	98.15	1001	82.82
90	34.26	33.87	33.41	33.76	34.81	35.86	35.84	35.19	80- 90	52.32	1053	86.3, 86.3
100	29.58	32.28	32.26	32.76	30.17	33.72	33.72	33.01	90-100	35.98	1089	89.2, 89.2
110	28.77	30.74	31.23	31.16	29.29	31.83	32.43	31.28	100-110	33.33	1123	92.92
120	26.94	28.35	29.17	28.67	27.08	28.93	29.80	28.77	110-120	29.25	1152	94.4, 94.4
130	24.35	25.23	26.08	25.55	24.40	25.48	26.40	25.42	120-130	24.05	1176	96.3, 96.3
140	21.25	22.00	22.54	22.21	21.61	22.27	22.76	22.06	130-140	18.36	1194	97.8, 97.8
150	18.66	19.11	19.39	19.14	18.63	19.09	19.13	18.81	140-150	12.91	1207	98.9, 98.9
160	16.51	16.66	16.65	16.54	16.16	16.41	16.29	15.86	150-160	8.206	1215	99.6, 99.6
170	11.48	12.06	12.01	12.36	12.52	12.52	11.83	11.54	160-170	4.284	1220	99.9, 99.9
180	7.396	8.008	8.822	9.202	7.391	7.974	8.813	9.193	170-180	0.9689	1221	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Water
 Test Date: 2024-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
 Humidity: 51%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME:ASD-LOFT-FM-12D20SM-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	4426	4217
80	3248	3127
75	2985	2901
70	2850	2780
65	2782	2721
60	2744	2694
55	2720	2675
50	2702	2662
45	2688	2655

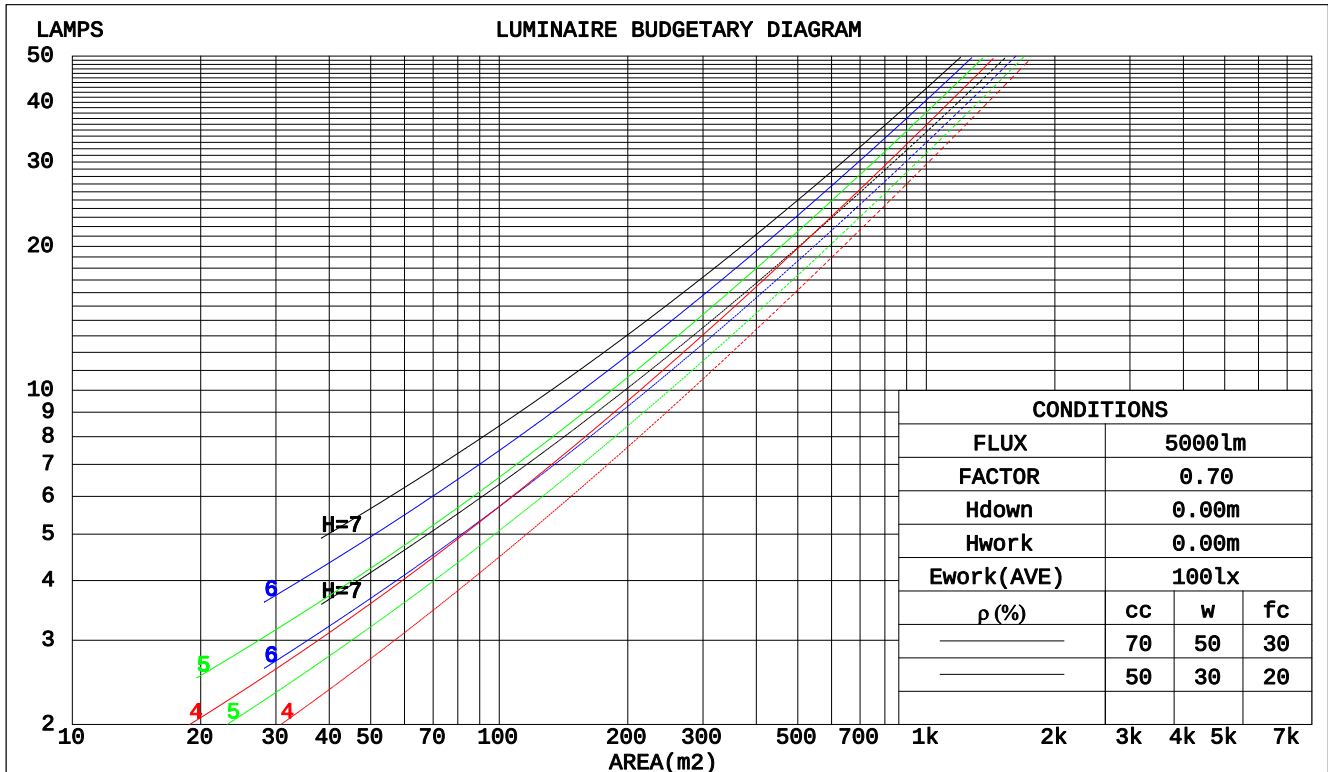
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME:ASD-LOFT-FM-12D20SM-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

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.99	.94	.90	.95	.91	.87	.88	.85	.82	.82	.79	.77	.76	.74	.72	.69
2.0	.85	.78	.72	.82	.75	.70	.76	.71	.66	.71	.66	.63	.66	.62	.59	.56
3.0	.74	.66	.59	.72	.64	.57	.67	.60	.55	.62	.57	.52	.58	.53	.49	.47
4.0	.65	.56	.49	.63	.55	.48	.59	.52	.46	.55	.49	.44	.51	.46	.42	.39
5.0	.58	.49	.42	.56	.48	.41	.53	.45	.40	.49	.43	.38	.46	.41	.36	.34
6.0	.52	.43	.36	.50	.42	.36	.47	.40	.34	.44	.38	.33	.41	.36	.32	.29
7.0	.47	.38	.32	.46	.37	.31	.43	.36	.30	.40	.34	.29	.38	.32	.28	.26
8.0	.43	.34	.28	.42	.33	.28	.39	.32	.27	.37	.30	.26	.35	.29	.25	.23
9.0	.39	.31	.25	.38	.30	.25	.36	.29	.24	.34	.28	.23	.32	.26	.22	.20
10.0	.36	.28	.23	.35	.28	.22	.33	.26	.22	.31	.25	.21	.30	.24	.20	.18



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2024-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm					
NAME: ASD-LOFT-FM-12D20SM-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

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.344	.195	.062	.332	.190	.060	.311	.179	.057	.292	.168	.054	.274	.159	.051	
2.0	.310	.170	.052	.300	.165	.051	.281	.156	.049	.263	.148	.046	.247	.140	.044	
3.0	.281	.150	.045	.272	.146	.044	.255	.138	.042	.239	.131	.040	.224	.124	.038	
4.0	.256	.133	.039	.248	.130	.038	.233	.123	.037	.218	.117	.035	.205	.111	.034	
5.0	.235	.120	.035	.228	.117	.034	.214	.111	.033	.200	.106	.031	.188	.101	.030	
6.0	.217	.109	.031	.210	.106	.031	.197	.101	.029	.185	.096	.028	.174	.092	.027	
7.0	.201	.099	.028	.195	.097	.028	.183	.092	.027	.172	.088	.026	.162	.084	.025	
8.0	.187	.091	.026	.181	.089	.025	.171	.085	.024	.161	.081	.023	.151	.078	.023	
9.0	.175	.084	.024	.169	.083	.023	.160	.079	.022	.150	.075	.022	.142	.072	.021	
10.0	.164	.079	.022	.159	.077	.021	.150	.073	.021	.141	.070	.020	.133	.067	.019	

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fC}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.295	.295	.295	.252	.252	.252	.172	.172	.172	.099	.099	.099	.032	.032	.032	
1.0	.288	.261	.237	.246	.224	.204	.169	.154	.141	.097	.089	.082	.031	.029	.027	
2.0	.281	.238	.202	.240	.205	.174	.165	.142	.122	.095	.082	.071	.030	.027	.023	
3.0	.273	.221	.179	.234	.191	.155	.161	.132	.109	.093	.077	.064	.030	.025	.021	
4.0	.266	.208	.164	.228	.180	.143	.157	.125	.101	.091	.073	.059	.029	.024	.020	
5.0	.258	.198	.154	.222	.171	.134	.153	.120	.095	.089	.070	.056	.029	.023	.018	
6.0	.251	.190	.146	.216	.165	.128	.149	.115	.090	.086	.068	.054	.028	.022	.018	
7.0	.244	.183	.141	.210	.159	.123	.145	.112	.087	.084	.066	.052	.027	.022	.017	
8.0	.238	.178	.137	.205	.154	.119	.142	.108	.085	.082	.064	.050	.027	.021	.017	
9.0	.232	.173	.134	.199	.150	.117	.138	.106	.083	.081	.062	.049	.026	.020	.016	
10.0	.226	.169	.131	.195	.147	.114	.135	.103	.081	.079	.061	.048	.026	.020	.016	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2024-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm											
NAME:ASD-LOFT-FM-12D20SM-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	14.9	16.3	15.3	16.7	17.2	14.8	16.2	15.3	16.6	17.1	
	3H	16.7	18.0	17.2	18.5	19.0	16.6	17.9	17.1	18.4	18.9
	4H	17.6	18.8	18.1	19.3	19.9	17.5	18.7	18.0	19.2	19.7
	6H	18.4	19.6	19.0	20.1	20.6	18.3	19.4	18.8	19.9	20.5
	8H	18.8	19.9	19.3	20.4	21.0	18.6	19.7	19.2	20.2	20.8
	12H	19.2	20.2	19.7	20.7	21.3	19.0	20.0	19.5	20.6	21.2
4H	2H	15.5	16.7	16.0	17.2	17.8	15.5	16.7	16.0	17.2	17.7
	3H	17.6	18.6	18.1	19.2	19.8	17.5	18.6	18.0	19.1	19.7
	4H	18.6	19.6	19.2	20.1	20.8	18.5	19.5	19.1	20.0	20.7
	6H	19.6	20.4	20.2	21.0	21.7	19.4	20.3	20.0	20.9	21.5
	8H	20.0	20.8	20.6	21.4	22.1	19.9	20.7	20.5	21.3	21.9
	12H	20.5	21.2	21.1	21.8	22.5	20.3	21.1	20.9	21.7	22.4
8H	4H	19.0	19.8	19.6	20.4	21.0	18.9	19.7	19.5	20.3	21.0
	6H	20.1	20.8	20.8	21.4	22.2	20.0	20.7	20.7	21.3	22.0
	8H	20.7	21.3	21.4	22.0	22.7	20.6	21.2	21.3	21.9	22.6
	12H	21.4	21.9	22.1	22.6	23.3	21.2	21.7	21.9	22.4	23.2
12H	4H	19.0	19.8	19.6	20.4	21.1	18.9	19.7	19.6	20.3	21.0
	6H	20.3	20.9	20.9	21.5	22.2	20.2	20.8	20.8	21.4	22.1
	8H	20.9	21.5	21.6	22.1	22.9	20.8	21.3	21.5	22.0	22.8
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 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 1221 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.7)
Area: 0.120655 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME:ASD-LOFT-FM-12D20SM-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

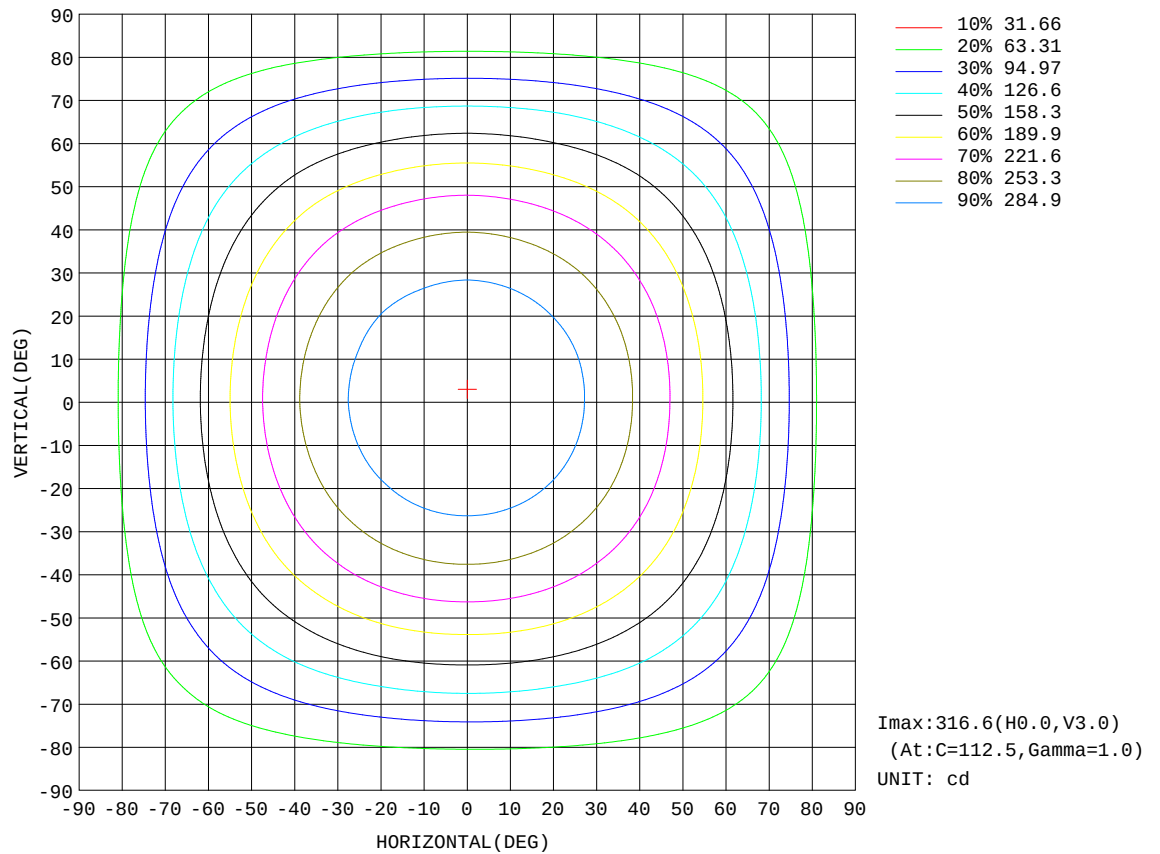
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	51	39	32	50	39	32	48	38	31	25
0.80	61	48	40	59	47	40	56	46	39	32
1.00	69	57	49	67	56	48	63	56	47	39
1.25	76	64	56	74	63	55	70	60	54	45
1.50	81	70	62	78	68	61	74	65	59	49
2.00	88	78	71	85	76	69	80	72	67	56
2.50	92	83	76	89	81	74	83	77	71	60
3.00	96	88	81	93	85	79	86	81	76	63
4.00	100	93	88	97	91	85	90	85	81	68
5.00	103	97	92	99	94	90	92	88	85	71
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:2024-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME:ASD-LOFT-FM-12D20SM-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

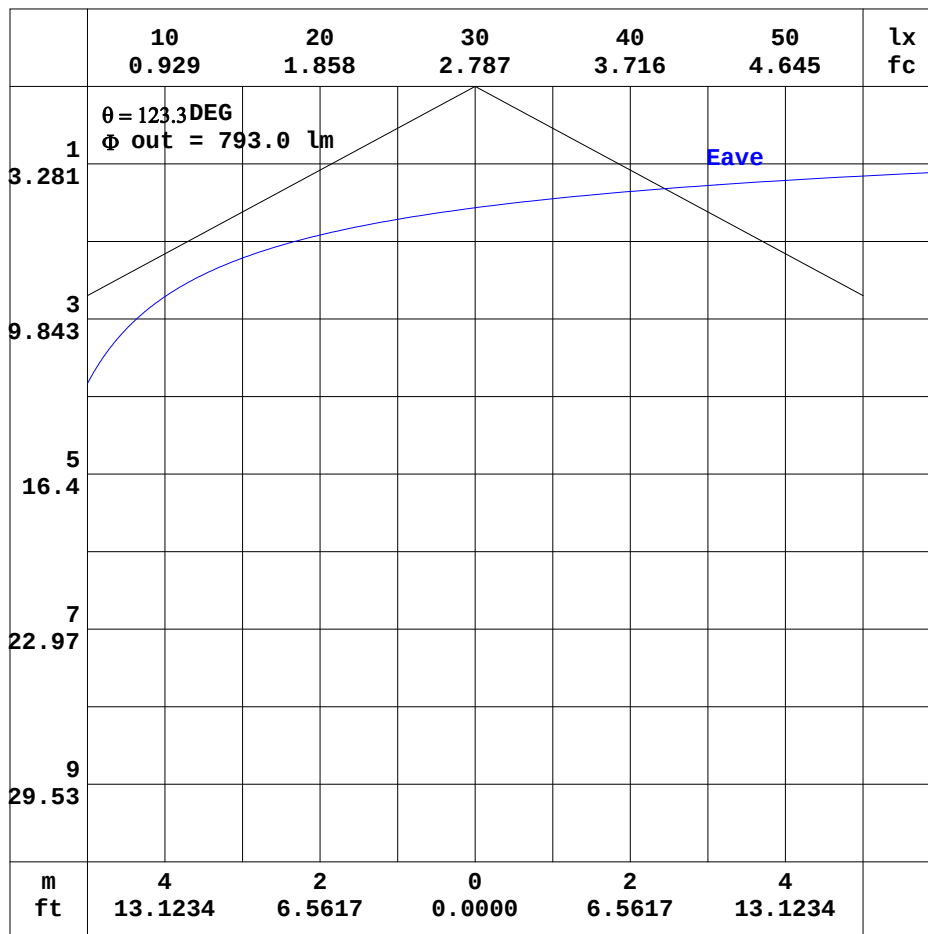


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Water
Test Date: 2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 51%
Test Distance: 2.519m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME: ASD-LOFT-FM-12D20SM-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



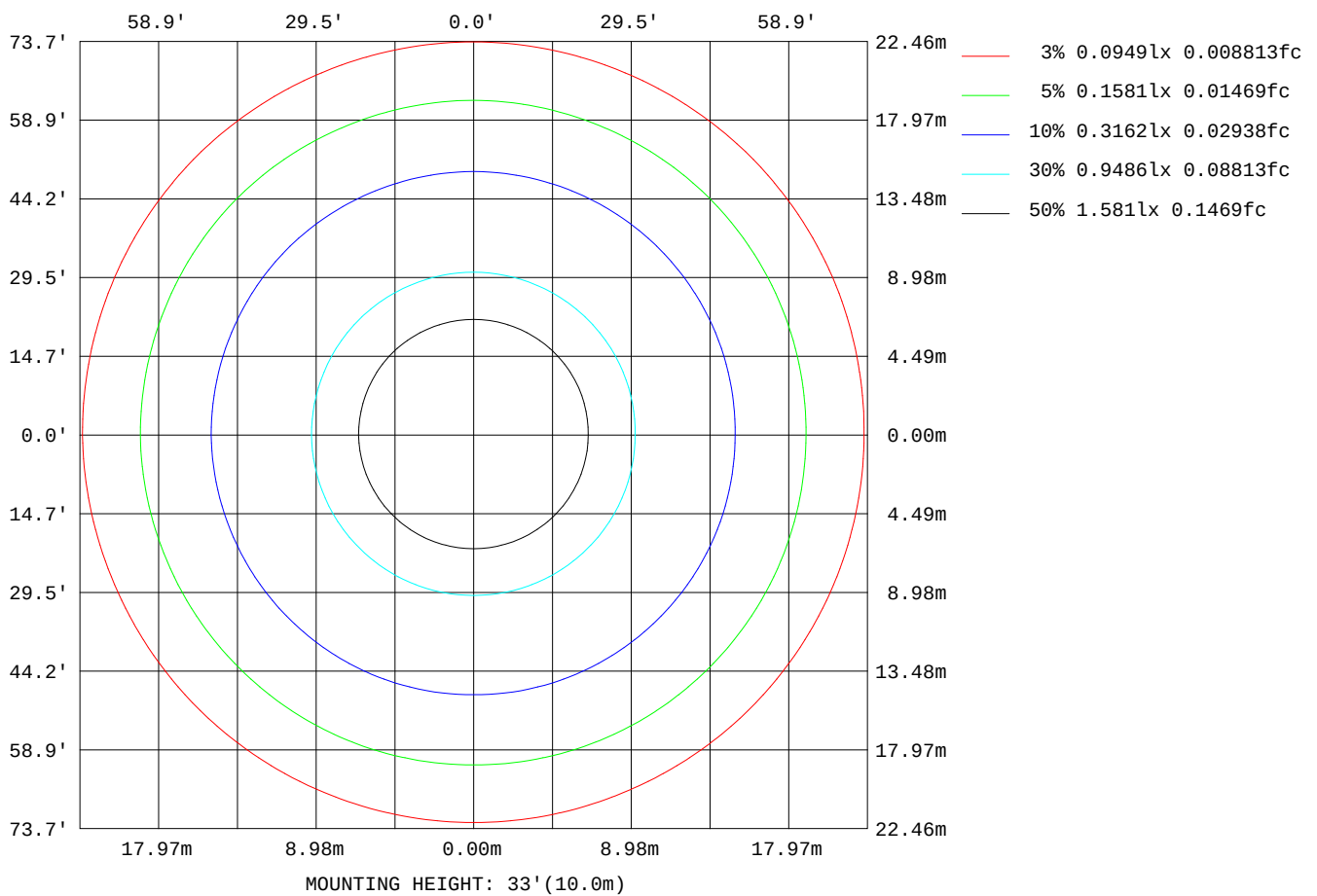
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360 DEG
C Interval: 22.5 DEG
Test Speed: HIGH
Temperature: 24.9 DEG
Operators: Water
Test Date: 2024-11-30

γ Range: 0 - 180 DEG
γ Interval: 1.0 DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 51%
Test Distance: 2.519m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME:ASD-LOFT-FM-12D20SM-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:2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
Test Distance:2.519m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME: ASD-LOFT-FM-12D20SM-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

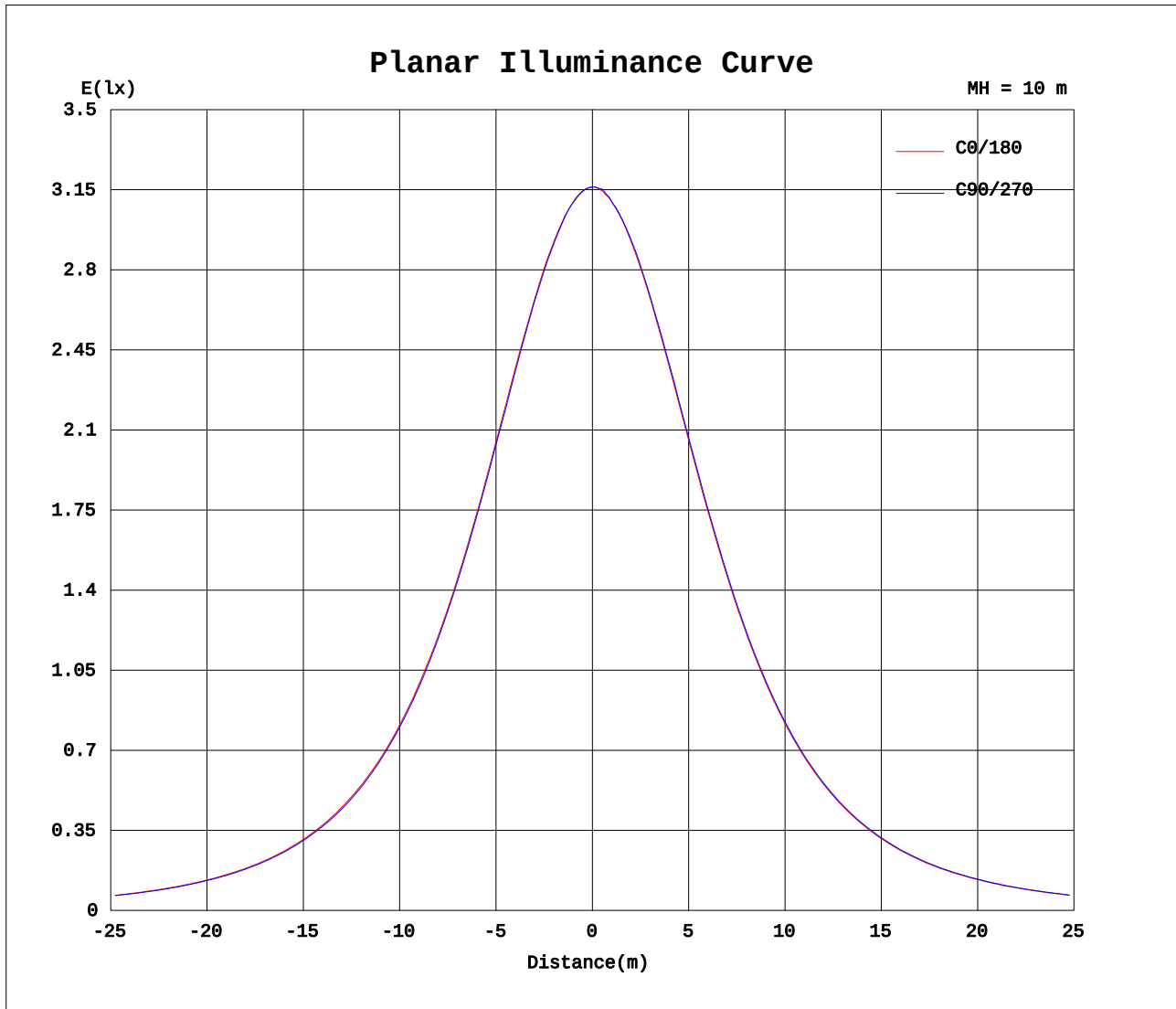
AvgL	cd/m2
L_0~180(65)av	2793
L_0~180(75)av	2984
L_0~180(85)av	4433
L_90~270(65)av	2787
L_90~270(75)av	2980
L_90~270(85)av	4394
L_45(65)av	2795
L_45(75)av	2983
L_45(85)av	4402

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity:51%
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: 2024-11-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
 Humidity: 51%
 Test Distance: 2.519m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.1795A P:19.880W PF:0.9220 Freq:60.00Hz Lamp Flux:1220.55x1 lm		
NAME: ASD-LOFT-FM-12D20SM-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	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316	316			
5	315	314	315	314	314	315	315	315	315	315	316	315	315	315	315	315			
10	311	311	311	310	310	311	311	311	312	312	312	312	312	312	312	312			
15	306	306	306	305	305	305	306	305	307	307	307	307	308	308	307	307			
20	299	299	298	298	298	298	298	298	299	300	301	301	301	301	301	300			
25	290	289	289	288	288	288	289	289	290	291	292	292	292	292	291	291			
30	277	277	277	276	276	276	277	277	279	280	281	280	281	280	280	279			
35	264	263	262	262	261	262	263	263	265	266	267	267	267	267	266	265			
40	247	247	246	245	245	246	246	247	249	250	251	251	251	251	250	249			
45	229	229	227	227	226	227	228	229	231	232	233	233	233	233	232	231			
50	209	209	208	207	206	207	208	209	211	212	213	213	213	213	213	211			
55	188	188	187	186	185	186	186	187	190	191	192	192	192	191	191	190			
60	166	165	164	163	162	163	163	165	167	168	169	169	169	169	169	167			
65	142	141	140	139	139	139	140	140	143	144	145	145	146	145	145	144			
70	118	117	116	115	115	114	115	116	118	119	120	120	120	120	120	119			
75	93.2	92.7	91.9	91.1	90.6	90.4	90.5	90.9	93.2	94.2	95.1	95.4	95.5	95.5	95.1	94.7			
80	68.0	67.6	66.8	66.2	65.5	65.4	65.2	65.5	67.9	68.5	69.4	69.7	70.0	69.9	69.8	69.2			
85	46.5	46.3	45.4	45.1	44.3	44.6	44.2	44.8	46.7	46.7	47.8	47.6	48.1	47.6	47.8	47.1			
90	34.3	34.3	33.9	33.7	33.4	33.7	33.8	34.2	34.8	35.3	35.9	35.9	35.8	35.4	35.2	34.7			
95	29.4	32.7	32.6	32.4	32.3	32.6	33.0	33.2	30.8	33.8	34.1	34.1	34.0	33.7	33.3	32.9			
100	29.6	31.6	32.3	32.2	32.3	32.5	32.8	32.2	30.2	32.6	33.7	33.8	33.7	33.4	33.0	31.9			
105	29.4	29.6	31.6	31.8	31.9	32.1	32.1	30.4	30.0	30.8	32.9	33.2	33.2	32.9	32.3	30.2			
110	28.8	28.4	30.7	31.0	31.2	31.3	31.2	28.9	29.3	29.1	31.8	32.2	32.4	32.0	31.3	28.4			
115	28.0	27.4	29.7	30.0	30.4	30.3	30.1	28.2	28.3	28.1	30.5	31.0	31.3	30.9	30.1	27.6			
120	26.9	26.5	28.3	28.8	29.2	29.1	28.7	27.1	27.1	26.9	28.9	29.4	29.8	29.4	28.8	26.7			
125	25.7	25.2	26.9	27.5	27.8	27.8	27.2	25.7	25.8	25.6	27.2	27.8	28.2	27.9	27.1	25.4			
130	24.4	24.1	25.2	26.1	26.1	26.1	25.6	24.4	24.4	24.2	25.5	26.2	26.4	26.2	25.4	24.0			
135	22.9	22.8	23.6	24.4	24.3	24.5	23.9	22.9	23.1	22.9	23.9	24.5	24.5	24.4	23.7	22.5			
140	21.2	21.3	22.0	22.6	22.5	22.6	22.2	21.5	21.6	21.6	22.3	22.7	22.8	22.5	22.1	21.1			
145	20.0	20.1	20.5	21.0	20.8	21.0	20.6	20.1	20.1	20.1	20.6	20.8	20.9	20.8	20.4	19.7			
150	18.7	18.8	19.1	19.6	19.4	19.5	19.1	18.8	18.6	19.0	19.1	19.2	19.1	19.2	18.8	18.3			
155	17.2	17.5	17.8	18.0	18.0	18.0	17.8	17.6	17.4	17.6	17.6	17.6	17.7	17.7	17.2	16.9			
160	16.5	16.4	16.7	16.8	16.6	16.7	16.5	16.4	16.2	16.1	16.4	16.3	16.3	16.3	15.9	16.0			
165	15.3	15.2	15.2	15.6	15.5	15.7	15.5	15.4	15.3	15.1	15.2	15.1	15.3	15.2	15.1	15.1			
170	11.5	11.6	12.1	12.0	12.0	12.1	12.4	12.6	12.5	12.5	12.5	12.0	11.8	11.5	11.5	11.5			
175	8.69	8.91	8.98	9.03	9.26	9.54	9.68	9.73	9.77	9.72	9.68	9.58	9.01	8.86	8.92	8.63			
180	7.40	7.31	8.01	8.80	8.82	9.29	9.20	8.50	7.39	7.31	7.97	8.82	8.81	9.31	9.19	8.53			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Water
Test Date: 2024-11-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.00.446
Humidity: 51%
Test Distance: 2.519m [K=1.0000]
Remarks: