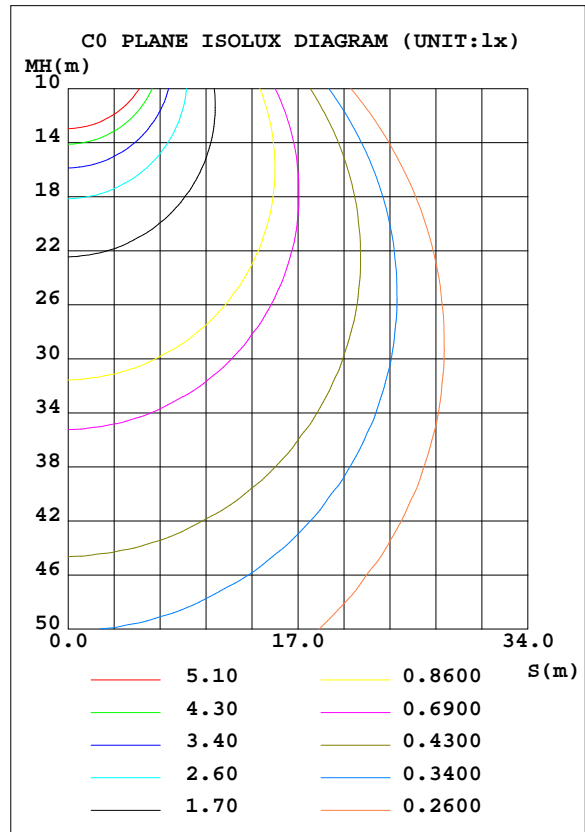
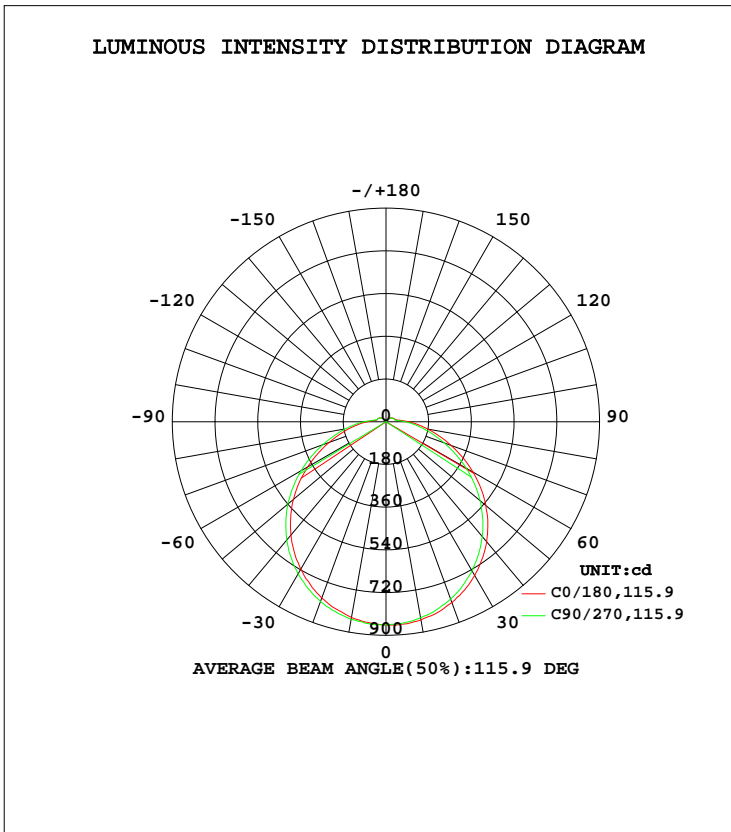


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.55 lm/W			
MODEL ASD-LFMDR-MV-18D28CC-NK	Imax(cd)	858.0	S/MH(C0/180)	1.30	
NOMINAL POWER(W)	LOR(%)	100.0	S/MH(C90/270)	1.26	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2744	$\eta$ UP, DN(C0-180)	3.5,47.0
NOMINAL FLUX(lm)	2744	CIE CLASS	DIRECT	$\eta$ UP, DN(C180-360)	3.4,46.1
LAMPS INSIDE	1	$\eta$ up(%)	6.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ down(%)	93.1	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	837.2	838.3	845.4	848.4	847.6	842.5	839.3	835.3	0- 10	81.03	81.03	2.83,2.83
20	790.6	795.7	806.4	813.0	811.0	802.9	795.2	787.5	10- 20	232.7	313.8	11,11
30	717.6	724.9	740.9	750.5	748.2	737.7	725.8	714.4	20- 30	354.7	668.5	23.3,23.3
40	623.7	633.3	650.4	662.9	660.0	647.2	631.4	618.6	30- 40	431.3	1100	38.4,38.4
50	509.0	520.9	539.7	554.0	549.4	535.2	517.6	504.8	40- 50	452.8	1553	54.2,54.2
60	381.3	392.9	412.5	428.1	423.1	408.1	389.6	376.6	50- 60	416.9	1970	68.7,68.7
70	255.3	265.3	283.8	297.5	292.3	278.8	261.5	250.9	60- 70	333.2	2303	80.4,80.4
80	152.9	159.4	173.6	183.8	179.3	169.3	156.6	149.6	70- 80	229.0	2532	88.4,88.4
90	78.98	83.43	92.21	100.5	95.75	88.52	81.28	76.57	80- 90	135.0	2667	93.1,93.1
100	41.20	42.09	45.06	48.72	46.79	43.75	41.22	40.33	90-100	67.83	2735	95.4,95.4
110	37.39	37.06	37.16	38.19	37.77	36.60	36.12	36.24	100-110	41.01	2776	96.9,96.9
120	32.14	32.13	32.12	32.17	31.93	31.71	31.05	30.98	110-120	34.42	2810	98.1,98.1
130	25.39	25.62	25.30	25.23	25.14	25.06	24.47	23.90	120-130	25.62	2836	99,99
140	17.58	18.28	17.66	16.65	17.09	18.07	16.38	15.95	130-140	16.50	2852	99.5,99.5
150	10.23	12.38	9.918	9.360	9.002	9.437	8.834	8.140	140-150	8.401	2861	99.8,99.8
160	6.013	5.961	6.998	5.563	4.839	4.727	4.253	4.641	150-160	3.388	2864	99.9,99.9
170	3.814	2.705	3.794	3.235	3.006	3.044	2.609	2.210	160-170	1.196	2865	100,100
180	1.386	1.342	1.233	1.406	1.411	1.407	1.409	1.409	170-180	0.2452	2865	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1327.1 lm

%lum = 46.3%

%lamp = 46.3%

Conical surface Flux(120deg): 1969.5 lm

%lum = 68.7%

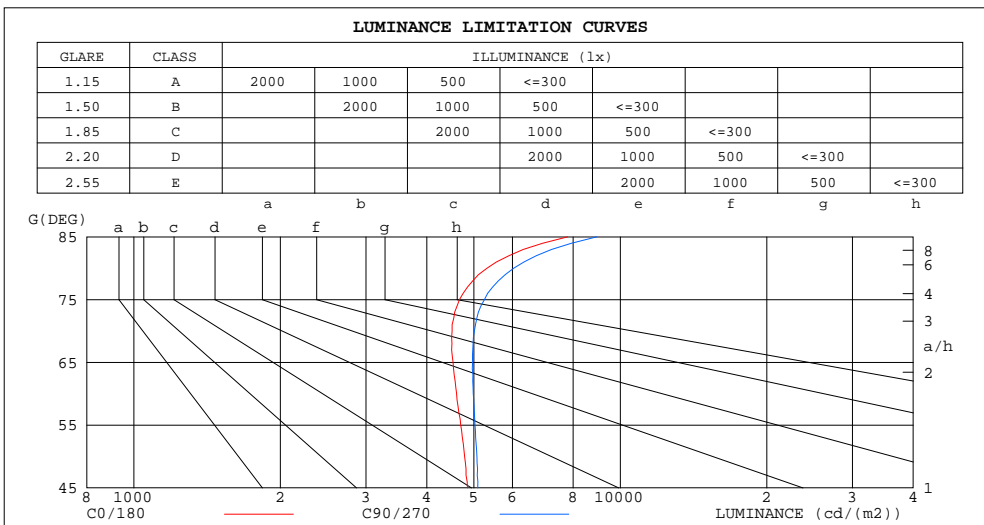
%lamp = 68.7%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7795	8944
80	5319	6037
75	4671	5254
70	4510	5012
65	4529	4970
60	4608	4983
55	4699	5026
50	4784	5071
45	4851	5093

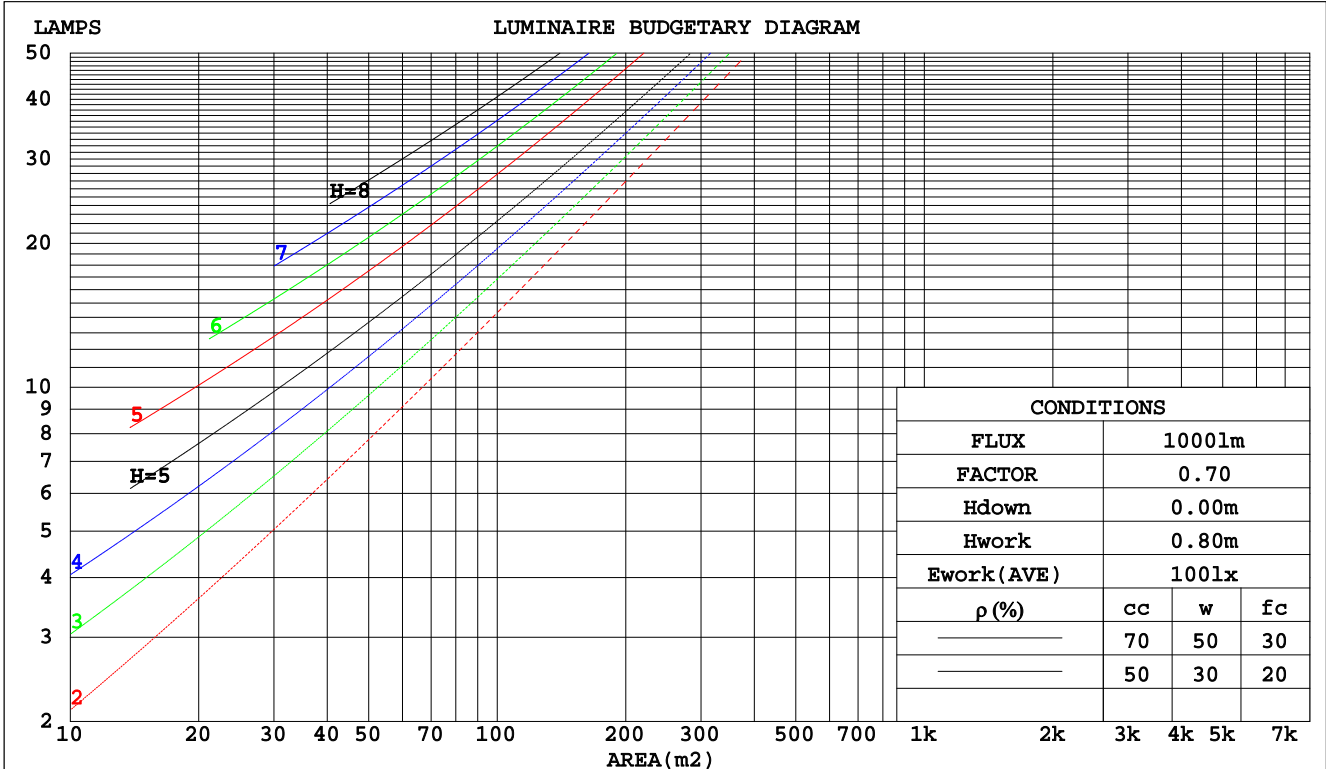
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1.0	1.00	.96	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75
2.0	.87	.79	.73	.84	.78	.72	.80	.74	.69	.75	.71	.67	.71	.67	.64	.61
3.0	.76	.67	.60	.74	.66	.59	.70	.63	.58	.66	.60	.56	.63	.58	.54	.51
4.0	.67	.58	.51	.65	.57	.50	.62	.54	.49	.59	.52	.47	.56	.50	.46	.43
5.0	.60	.50	.44	.58	.50	.43	.55	.48	.42	.52	.46	.41	.50	.44	.40	.37
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.47	.41	.36	.45	.39	.35	.33
7.0	.49	.40	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.41	.35	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.36	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.27	.23	.32	.27	.23	.21



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

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	.345	.196	.062	.336	.192	.061	.318	.183	.058	.302	.174	.056	.288	.167	.054	
2.0	.311	.170	.052	.302	.166	.051	.287	.159	.050	.272	.153	.048	.259	.147	.046	
3.0	.282	.150	.045	.274	.147	.044	.260	.141	.043	.247	.136	.042	.236	.130	.040	
4.0	.257	.133	.039	.250	.131	.039	.238	.126	.038	.226	.121	.037	.215	.117	.036	
5.0	.236	.120	.035	.230	.118	.034	.218	.114	.033	.208	.110	.033	.198	.106	.032	
6.0	.217	.109	.031	.212	.107	.031	.202	.103	.030	.192	.100	.029	.184	.097	.029	
7.0	.201	.100	.028	.197	.098	.028	.187	.095	.027	.179	.092	.027	.171	.089	.026	
8.0	.188	.092	.026	.183	.090	.025	.175	.087	.025	.167	.085	.024	.160	.082	.024	
9.0	.175	.085	.024	.171	.084	.023	.164	.081	.023	.157	.079	.022	.150	.076	.022	
10.0	.165	.079	.022	.161	.078	.022	.154	.075	.021	.147	.073	.021	.141	.071	.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	.243	.243	.243	.208	.208	.208	.142	.142	.142	.082	.082	.082	.026	.026	.026	
1.0	.236	.209	.185	.202	.179	.159	.138	.123	.110	.079	.071	.064	.025	.023	.021	
2.0	.228	.185	.149	.196	.160	.129	.134	.110	.090	.077	.064	.053	.025	.021	.017	
3.0	.221	.168	.127	.189	.145	.110	.130	.101	.077	.075	.059	.045	.024	.019	.015	
4.0	.213	.155	.111	.183	.134	.097	.126	.094	.068	.073	.055	.040	.023	.018	.013	
5.0	.205	.145	.101	.176	.126	.088	.121	.088	.062	.070	.051	.037	.023	.017	.012	
6.0	.198	.137	.093	.170	.119	.081	.117	.083	.057	.068	.049	.034	.022	.016	.011	
7.0	.191	.130	.087	.164	.113	.076	.114	.079	.054	.066	.047	.032	.021	.015	.011	
8.0	.184	.124	.083	.159	.108	.073	.110	.076	.051	.064	.045	.031	.021	.015	.010	
9.0	.178	.120	.080	.154	.104	.070	.106	.073	.049	.062	.043	.029	.020	.014	.010	
10.0	.172	.115	.077	.149	.100	.067	.103	.070	.048	.060	.042	.029	.020	.014	.009	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

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	19.1	18.0	19.5	19.8	18.0	19.4	18.3	19.8	20.1
3H	19.3	20.7	19.7	21.0	21.4	19.7	21.1	20.1	21.4	21.8
4H	20.1	21.4	20.5	21.8	22.2	20.6	21.9	21.0	22.2	22.6
6H	20.9	22.1	21.3	22.5	22.9	21.4	22.6	21.8	23.0	23.5
8H	21.3	22.4	21.7	22.9	23.3	21.8	23.0	22.3	23.4	23.9
12H	21.7	22.8	22.2	23.3	23.7	22.3	23.4	22.8	23.9	24.3
4H 2H	18.3	19.6	18.7	20.0	20.4	18.6	19.8	19.0	20.2	20.6
3H	20.2	21.3	20.6	21.7	22.2	20.5	21.6	21.0	22.1	22.5
4H	21.1	22.2	21.6	22.6	23.1	21.5	22.5	22.0	23.0	23.5
6H	22.1	23.0	22.6	23.5	24.0	22.5	23.5	23.0	23.9	24.4
8H	22.6	23.4	23.1	23.9	24.4	23.1	23.9	23.6	24.4	25.0
12H	23.1	23.9	23.6	24.4	24.9	23.6	24.4	24.2	25.0	25.5
8H 4H	21.5	22.4	22.0	22.9	23.4	21.9	22.7	22.4	23.2	23.7
6H	22.7	23.4	23.2	23.9	24.5	23.1	23.8	23.7	24.4	24.9
8H	23.3	24.0	23.9	24.5	25.1	23.8	24.4	24.4	25.0	25.6
12H	24.1	24.6	24.7	25.2	25.8	24.6	25.1	25.2	25.7	26.3
12H 4H	21.6	22.4	22.1	22.9	23.4	21.9	22.7	22.4	23.2	23.8
6H	22.9	23.5	23.4	24.0	24.6	23.2	23.9	23.8	24.4	25.0
8H	23.6	24.2	24.2	24.7	25.3	24.0	24.6	24.6	25.1	25.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 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 Corrected 2865 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

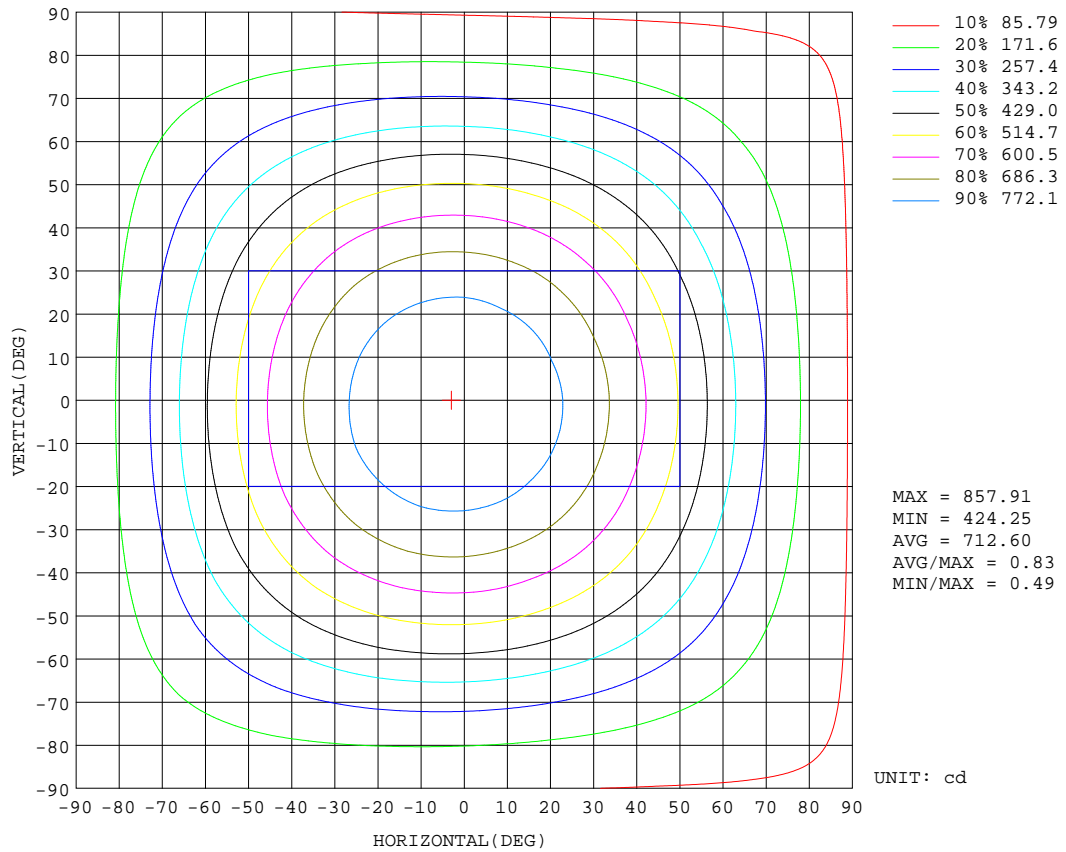
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	41	35	51	41	34	28
0.80	63	51	44	62	51	43	60	50	43	35
1.00	71	60	52	70	59	52	67	60	51	43
1.25	78	67	59	77	66	59	73	64	58	49
1.50	83	73	65	81	71	64	78	69	63	54
2.00	90	81	74	88	79	73	84	76	71	61
2.50	95	86	79	92	84	78	87	81	75	65
3.00	98	90	84	95	88	82	90	84	80	69
4.00	102	96	90	99	93	88	94	89	85	74
5.00	105	99	94	102	97	92	96	92	88	77
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:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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



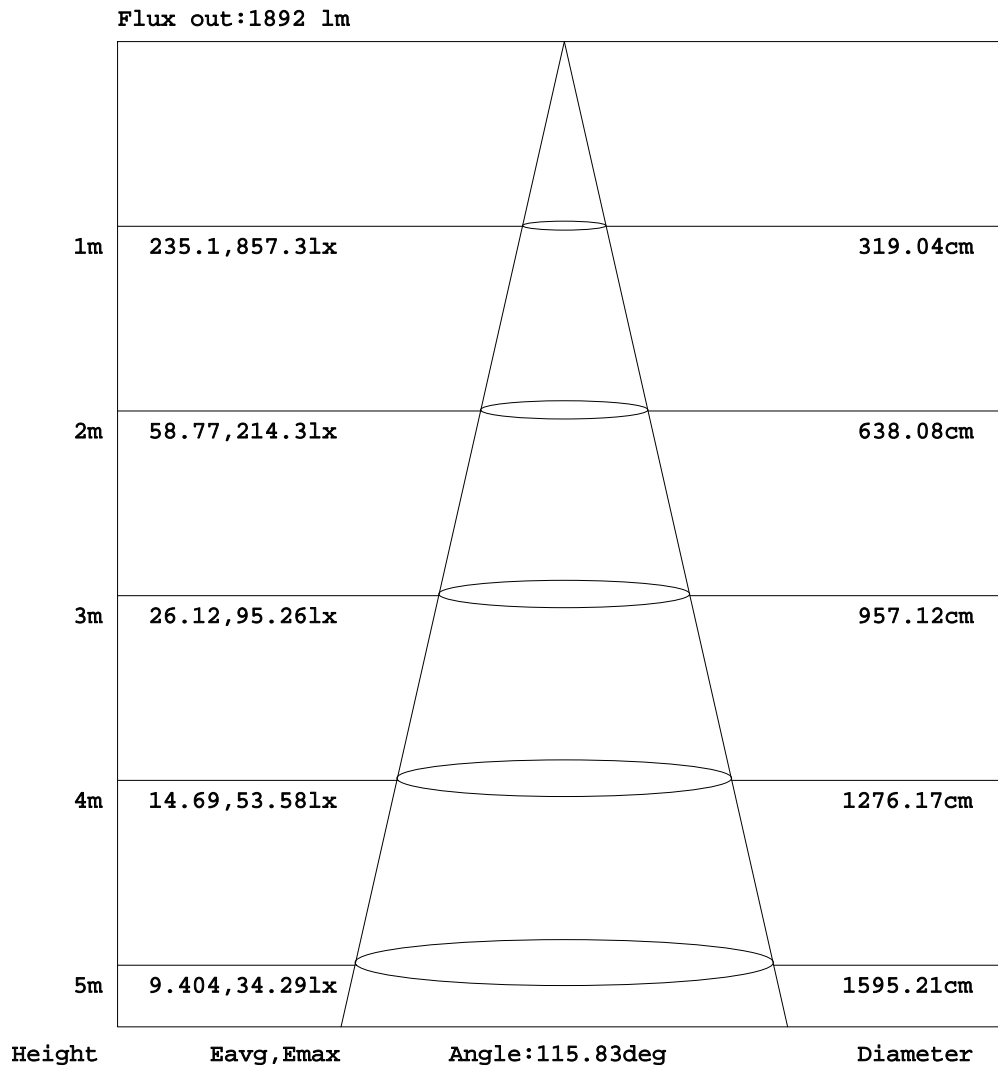
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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



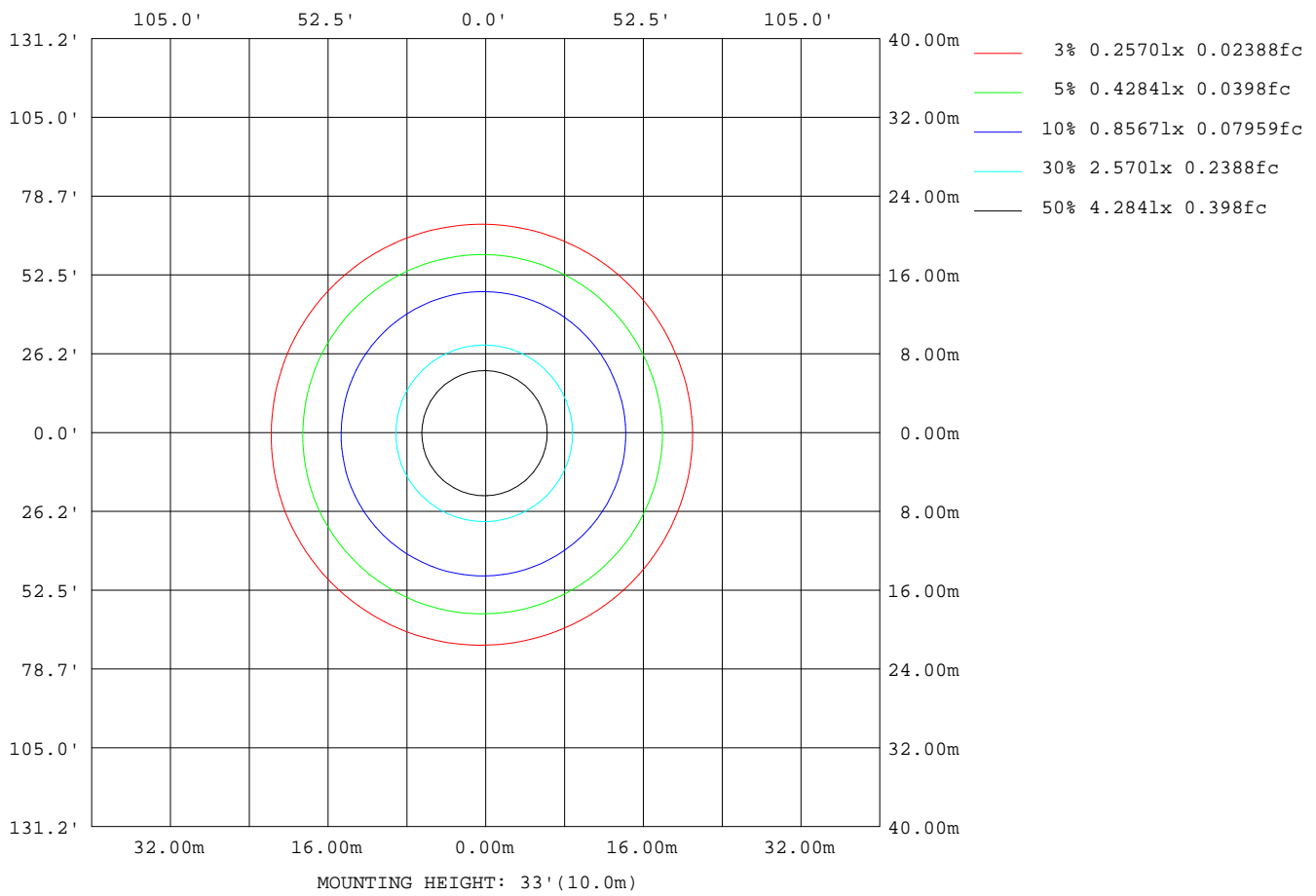
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators: Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

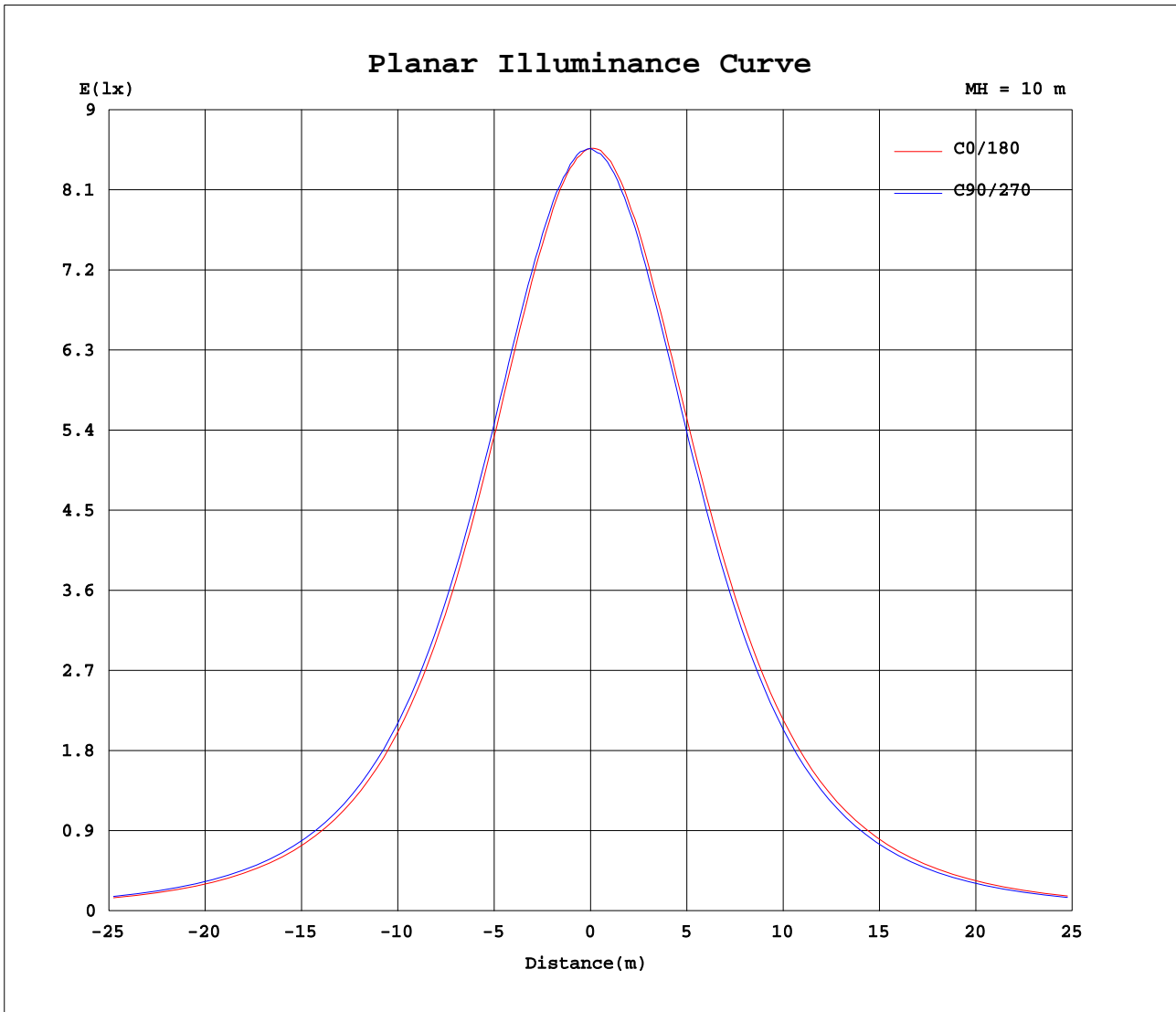
AvgL	cd/m2
L_0~180(65)av	4814
L_0~180(75)av	5044
L_0~180(85)av	8520
L_90~270(65)av	4802
L_90~270(75)av	5026
L_90~270(85)av	8449
L_45(65)av	4803
L_45(75)av	5032
L_45(85)av	8492

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.8DEG  
Operators: Bomb  
Test Date: 2022-09-29

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
Humidity: 42%  
Test Distance: 2.532m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.2265A P:26.50W PF:0.9747 Lamp Flux:2744x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 4000K	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

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	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857			
5	849	850	849	851	854	857	856	855	855	855	851	852	851	850	849	849			
10	837	839	838	844	845	847	848	847	848	845	842	843	839	838	835	834			
15	817	819	820	826	827	832	835	835	833	830	826	825	820	817	816	813			
20	791	793	796	802	806	811	813	814	811	809	803	801	795	792	788	787			
25	756	760	764	771	776	782	786	786	783	780	774	769	763	758	755	753			
30	718	721	725	731	741	745	751	752	748	744	738	731	726	719	714	713			
35	672	677	683	691	698	705	709	710	706	703	696	689	681	674	669	667			
40	624	627	633	641	650	658	663	665	660	655	647	639	631	625	619	618			
45	568	573	580	589	596	605	611	613	607	602	594	586	577	569	565	561			
50	509	514	521	529	540	548	554	556	549	544	535	526	518	510	505	502			
55	446	451	458	468	477	486	492	494	488	482	473	465	455	447	442	439			
60	381	386	393	403	413	423	428	430	423	417	408	399	390	381	377	375			
65	317	321	328	337	348	357	362	364	357	352	342	333	324	316	312	310			
70	255	259	265	274	284	292	298	299	292	287	279	270	262	255	251	249			
75	200	203	209	216	225	232	237	239	232	228	220	213	206	200	197	195			
80	153	155	159	166	174	180	184	185	179	175	169	163	157	152	150	148			
85	112	115	118	123	129	135	139	139	133	130	125	119	115	112	109	108			
90	79.0	80.8	83.4	87.4	92.2	97.4	100	101	95.8	92.5	88.5	84.8	81.3	78.7	76.6	75.7			
95	55.0	55.9	57.9	60.3	64.0	67.5	69.6	69.9	66.0	63.8	60.9	58.7	56.3	54.6	53.4	52.7			
100	41.2	41.7	42.1	43.4	45.1	47.1	48.7	48.5	46.8	45.6	43.7	43.0	41.2	40.5	40.3	39.7			
105	38.2	38.2	37.9	37.8	37.9	38.6	39.2	39.3	38.8	38.2	37.3	37.1	36.9	36.9	37.3	37.5			
110	37.4	37.3	37.1	37.0	37.2	37.8	38.2	38.3	37.8	37.3	36.6	36.5	36.1	36.0	36.2	36.5			
115	35.1	35.1	34.9	35.0	35.1	35.3	35.3	35.2	34.9	34.8	34.6	34.4	33.9	33.9	34.1	34.2			
120	32.1	32.2	32.1	31.8	32.1	32.3	32.2	32.3	31.9	31.9	31.7	31.5	31.0	30.8	31.0	31.2			
125	28.9	29.1	29.1	28.6	28.7	28.9	28.9	29.1	28.8	28.8	28.6	28.2	27.9	27.6	27.6	27.9			
130	25.4	25.7	25.6	25.2	25.3	25.3	25.2	25.5	25.1	25.2	25.1	25.0	24.5	24.0	23.9	24.4			
135	21.9	21.9	22.0	21.4	21.5	21.4	21.1	22.1	21.7	21.1	21.1	21.6	20.4	20.1	19.6	20.7			
140	17.6	17.8	18.3	17.4	17.7	17.4	16.6	17.2	17.1	17.7	18.1	16.6	16.4	17.2	15.9	16.2			
145	13.5	13.8	14.3	13.6	13.5	13.4	12.5	13.1	13.6	12.9	13.3	12.6	12.1	11.8	12.0	12.1			
150	10.2	10.0	12.4	11.0	9.92	9.94	9.36	9.66	9.00	9.38	9.44	8.93	8.83	8.39	8.14	8.51			
155	7.69	7.74	8.93	7.74	7.63	7.59	7.41	7.93	6.72	6.56	6.55	6.73	6.00	6.00	5.85	6.25			
160	6.01	5.61	5.96	5.94	7.00	5.64	5.56	5.86	4.84	4.75	4.73	5.11	4.25	3.86	4.64	5.79			
165	4.72	4.12	4.19	4.68	4.60	4.42	4.37	4.45	3.61	3.66	3.73	4.09	3.51	3.40	3.54	3.27			
170	3.81	3.19	2.70	3.73	3.79	3.78	3.23	3.05	3.01	3.03	3.04	3.47	2.61	3.05	2.21	2.71			
175	2.04	2.45	2.22	2.54	3.02	2.77	2.03	2.27	2.43	2.47	2.33	2.15	2.17	2.34	1.88	2.06			
180	1.39	1.34	1.34	1.33	1.23	1.35	1.41	1.24	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.8DEG  
 Operators:Bomb  
 Test Date:2022-09-29

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:42%  
 Test Distance:2.532m [K=1.0000]  
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