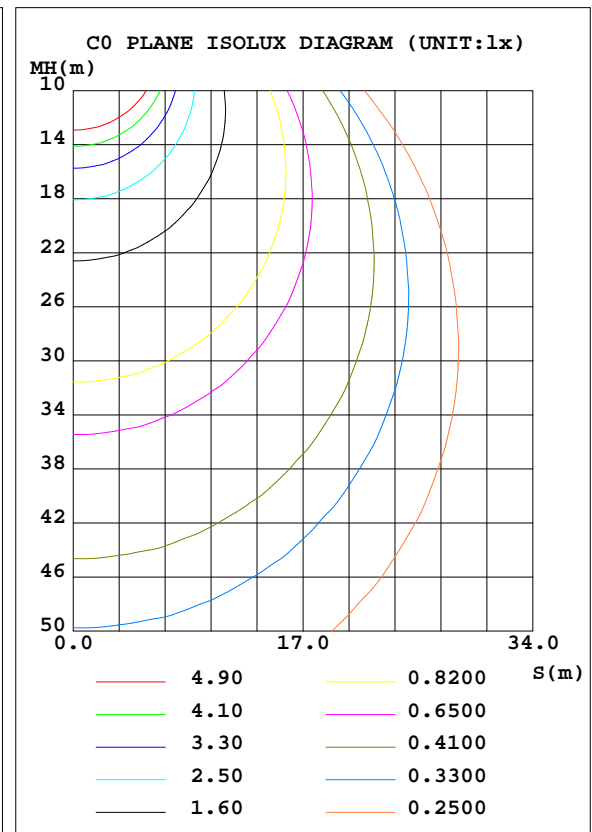
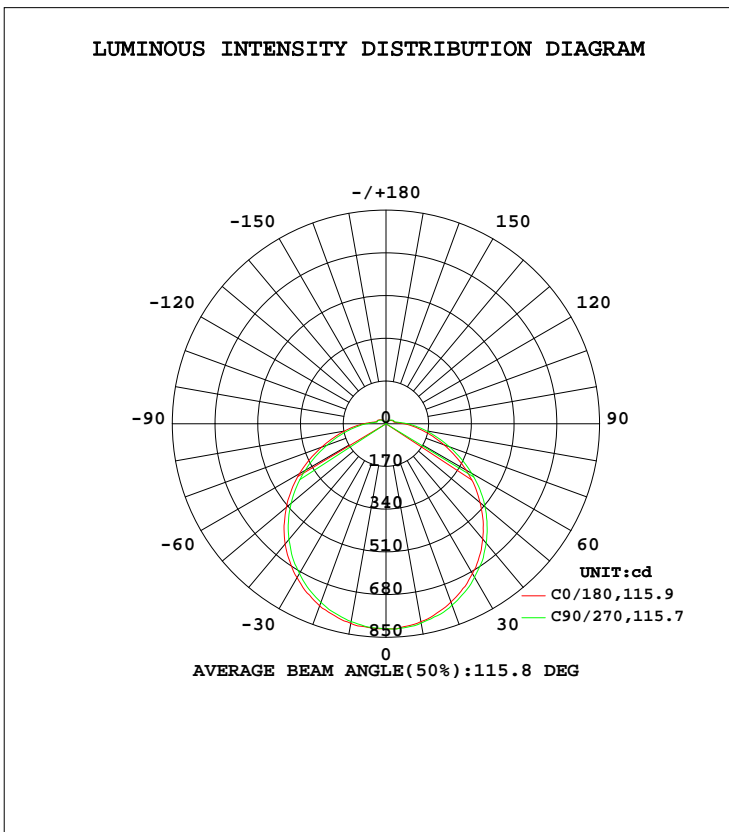


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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: 88.6 lm/W			
MODEL ASD-LFMDR-MV-18D28CC-NK		Imax(cd)	818.8	S/MH(C0/180)	1.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2563	η UP, DN(C0-180)	3.4,46.3
NOMINAL FLUX(lm)	2563	CIE CLASS	DIRECT	η UP, DN(C180-360)	3.3,47.0
LAMPS INSIDE	1	η up(%)	6.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	93.3	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

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	806.9	800.4	799.6	799.3	799.6	803.9	806.1	806.3	0- 10	77.30	77.30	2.84,2.84
20	771.4	763.7	756.5	754.5	755.5	763.2	768.3	771.4	10- 20	222.0	299.3	11,11
30	707.6	699.2	688.5	686.7	688.2	697.1	705.3	710.5	20- 30	338.2	637.6	23.4,23.4
40	624.2	611.1	601.3	598.6	598.3	610.2	620.6	625.9	30- 40	411.3	1049	38.5,38.5
50	517.0	503.2	493.4	488.8	489.3	502.4	514.7	521.0	40- 50	431.6	1480	54.4,54.4
60	397.2	383.4	371.1	368.3	368.4	380.7	393.7	399.7	50- 60	397.3	1878	69,69
70	272.9	260.6	250.1	247.2	245.7	256.1	268.7	274.6	60- 70	317.1	2195	80.6,80.6
80	167.4	157.5	150.9	146.9	144.4	152.6	162.5	167.5	70- 80	216.9	2412	88.6,88.6
90	89.03	82.00	78.06	76.33	73.12	78.21	85.67	88.68	80- 90	126.9	2539	93.3,93.3
100	44.32	41.27	39.29	38.49	36.35	38.10	41.56	43.98	90-100	63.02	2602	95.6,95.6
110	37.37	36.17	35.03	33.34	31.23	31.67	33.83	36.01	100-110	38.05	2640	97,97
120	31.51	30.47	29.69	27.71	26.74	27.75	29.26	30.53	110-120	31.77	2672	98.1,98.1
130	24.56	23.54	23.08	21.30	20.84	22.39	23.01	23.40	120-130	23.45	2695	99,99
140	16.33	15.39	15.50	14.01	14.34	15.65	15.94	15.18	130-140	14.91	2710	99.6,99.6
150	9.270	8.821	8.826	8.282	7.843	10.48	8.735	8.473	140-150	7.538	2717	99.8,99.8
160	5.655	5.545	5.281	5.053	4.483	4.893	4.058	4.298	150-160	3.150	2721	99.9,99.9
170	3.832	2.547	3.562	2.964	2.855	3.173	2.434	2.970	160-170	1.148	2722	100,100
180	0.7907	0.9418	1.015	1.333	1.346	1.344	1.344	1.336	170-180	0.2352	2722	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1265.6 lm

%lum = 46.5%

%lamp = 46.5%

Conical surface Flux(120deg): 1877.8 lm

%lum = 69.0%

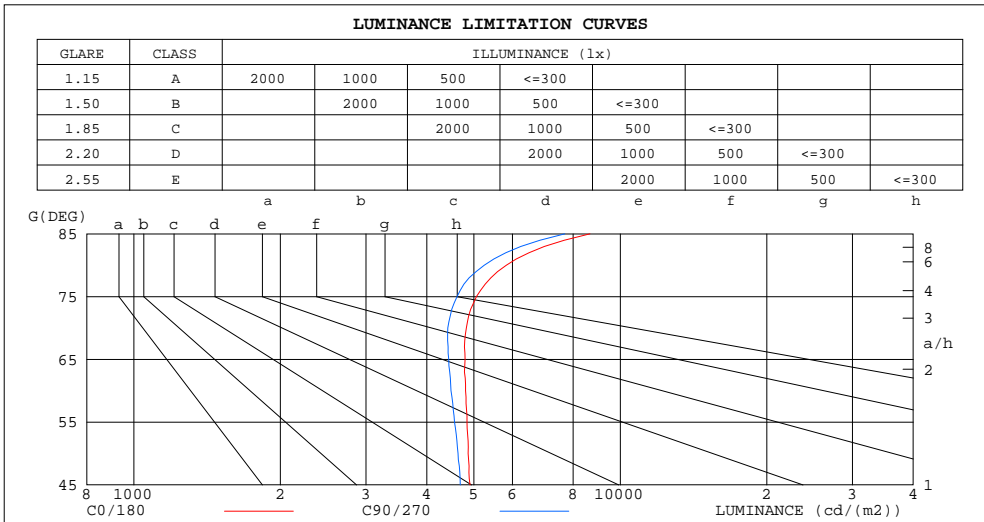
%lamp = 69.0%

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:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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	8663	7688
80	5831	5250
75	5062	4618
70	4826	4419
65	4795	4440
60	4805	4485
55	4838	4563
50	4865	4638
45	4910	4689

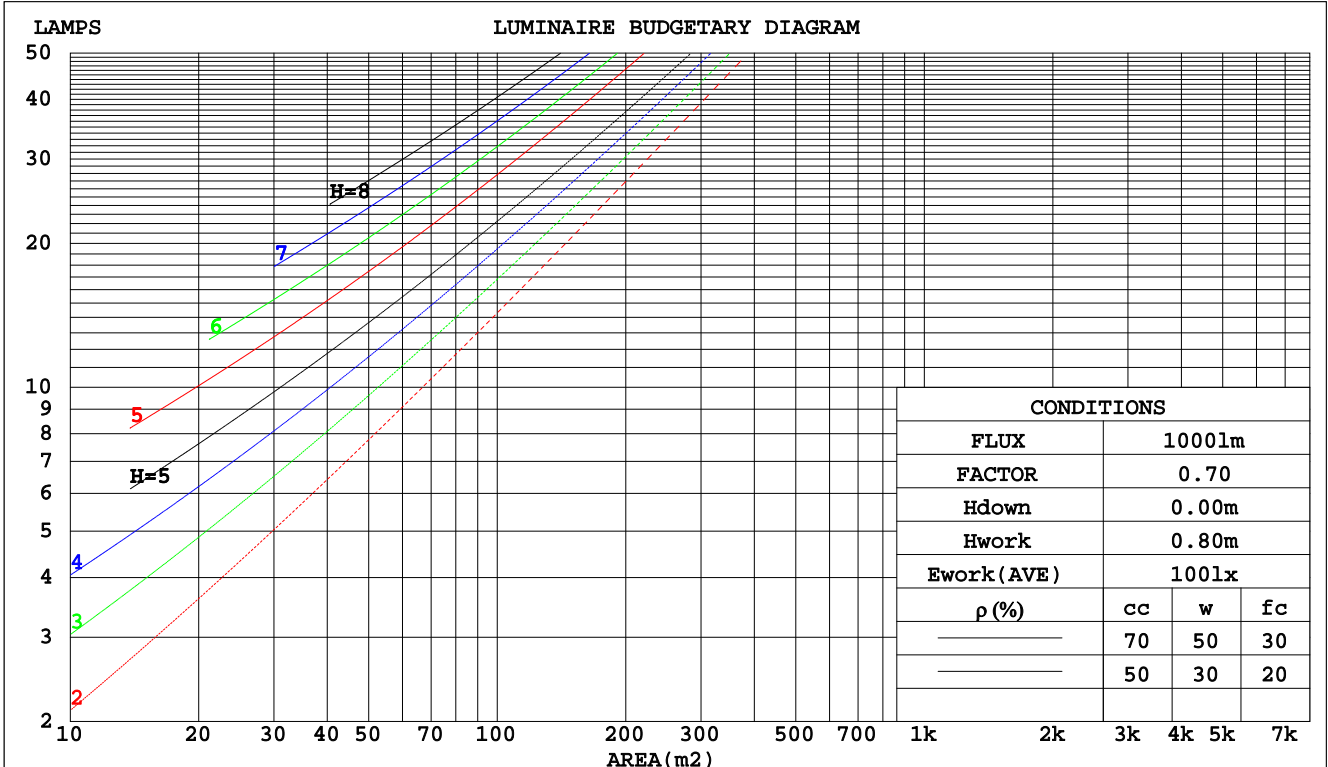
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:Bomb
 Test Date:2022-09-29

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	.80	.73	.84	.78	.72	.80	.74	.69	.75	.71	.67	.71	.68	.64	.62
3.0	.76	.67	.61	.74	.66	.60	.70	.63	.58	.66	.61	.56	.63	.58	.54	.51
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.52	.47	.56	.50	.46	.44
5.0	.60	.51	.44	.58	.50	.43	.55	.48	.42	.53	.46	.41	.50	.44	.40	.38
6.0	.54	.45	.38	.52	.44	.38	.50	.42	.37	.48	.41	.36	.45	.40	.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	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.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:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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	.344	.196	.062	.335	.191	.061	.318	.182	.058	.302	.174	.056	.287	.167	.054	
2.0	.310	.170	.052	.302	.166	.051	.287	.159	.049	.272	.153	.048	.259	.147	.046	
3.0	.281	.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	.216	.117	.036	
5.0	.235	.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	.193	.100	.029	.184	.097	.029	
7.0	.201	.100	.028	.197	.098	.028	.188	.095	.027	.179	.092	.027	.171	.089	.026	
8.0	.187	.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	.023	.150	.076	.022	
10.0	.165	.079	.022	.161	.078	.022	.154	.075	.021	.148	.073	.021	.142	.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	.242	.242	.242	.207	.207	.207	.141	.141	.141	.081	.081	.081	.026	.026	.026	
1.0	.234	.208	.183	.201	.178	.158	.137	.123	.109	.079	.071	.063	.025	.023	.021	
2.0	.227	.184	.148	.194	.158	.128	.133	.110	.089	.077	.064	.052	.025	.021	.017	
3.0	.219	.167	.125	.188	.144	.108	.129	.100	.076	.074	.058	.045	.024	.019	.015	
4.0	.211	.154	.110	.181	.133	.095	.125	.093	.067	.072	.054	.040	.023	.018	.013	
5.0	.204	.144	.099	.175	.124	.086	.120	.087	.061	.070	.051	.036	.022	.017	.012	
6.0	.196	.135	.092	.169	.117	.080	.116	.082	.056	.068	.048	.034	.022	.016	.011	
7.0	.189	.129	.086	.163	.111	.075	.113	.078	.053	.065	.046	.032	.021	.015	.010	
8.0	.183	.123	.082	.157	.107	.071	.109	.075	.050	.063	.044	.030	.020	.014	.010	
9.0	.177	.118	.078	.152	.102	.068	.105	.072	.048	.061	.043	.029	.020	.014	.010	
10.0	.171	.114	.076	.147	.099	.066	.102	.069	.047	.060	.041	.028	.019	.013	.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:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm										
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K					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	17.9	19.4	18.3	19.7	20.1	17.7	19.1	18.0	19.5	19.8
3H	19.7	21.0	20.1	21.4	21.8	19.4	20.7	19.7	21.1	21.4
4H	20.5	21.8	20.9	22.2	22.6	20.1	21.4	20.6	21.8	22.2
6H	21.4	22.6	21.8	23.0	23.4	20.9	22.1	21.4	22.5	23.0
8H	21.8	23.0	22.2	23.4	23.8	21.3	22.5	21.8	22.9	23.3
12H	22.3	23.4	22.7	23.8	24.3	21.8	22.9	22.2	23.3	23.8
4H 2H	18.5	19.8	18.9	20.2	20.6	18.3	19.6	18.7	20.0	20.4
3H	20.5	21.6	20.9	22.0	22.5	20.2	21.3	20.7	21.8	22.2
4H	21.5	22.5	22.0	23.0	23.4	21.2	22.2	21.6	22.6	23.1
6H	22.5	23.4	23.0	23.9	24.4	22.1	23.1	22.6	23.5	24.0
8H	23.0	23.9	23.6	24.4	24.9	22.6	23.5	23.1	24.0	24.5
12H	23.6	24.4	24.2	24.9	25.5	23.2	24.0	23.7	24.5	25.0
8H 4H	21.8	22.7	22.4	23.2	23.7	21.6	22.4	22.1	22.9	23.5
6H	23.1	23.8	23.6	24.3	24.9	22.8	23.5	23.3	24.0	24.6
8H	23.8	24.4	24.3	25.0	25.6	23.4	24.1	24.0	24.6	25.2
12H	24.6	25.1	25.2	25.7	26.3	24.1	24.7	24.7	25.3	25.9
12H 4H	21.9	22.7	22.4	23.2	23.7	21.6	22.4	22.2	22.9	23.5
6H	23.2	23.9	23.8	24.4	25.0	22.9	23.6	23.5	24.1	24.7
8H	24.0	24.6	24.6	25.1	25.8	23.7	24.2	24.2	24.8	25.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2722 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

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:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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

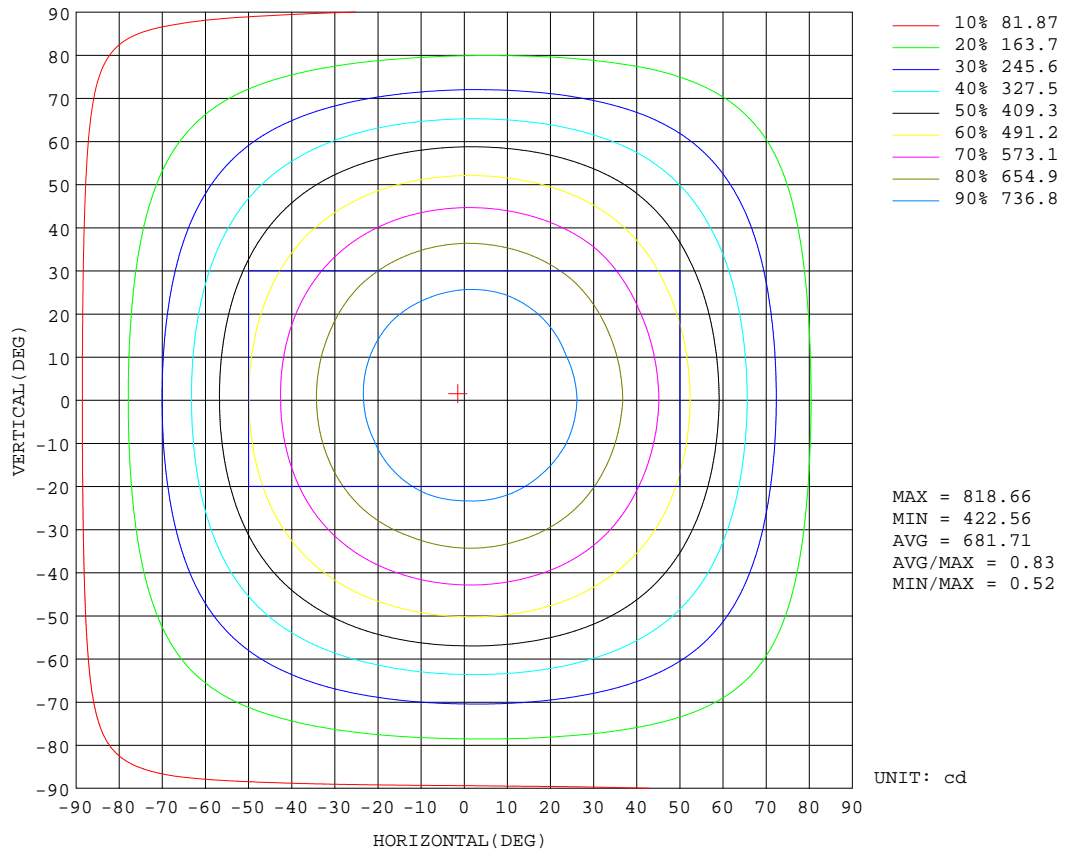
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	51	41	34	28
0.80	63	51	44	62	51	43	60	50	43	36
1.00	72	60	52	70	59	52	67	60	51	43
1.25	79	67	60	77	66	59	74	64	58	50
1.50	84	73	65	82	72	64	78	69	63	54
2.00	91	81	74	88	79	73	84	77	71	61
2.50	95	86	79	92	84	78	87	81	75	65
3.00	98	90	84	95	88	83	90	85	80	69
4.00	102	96	90	100	94	89	94	89	85	74
5.00	105	99	95	102	97	92	96	92	89	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

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:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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



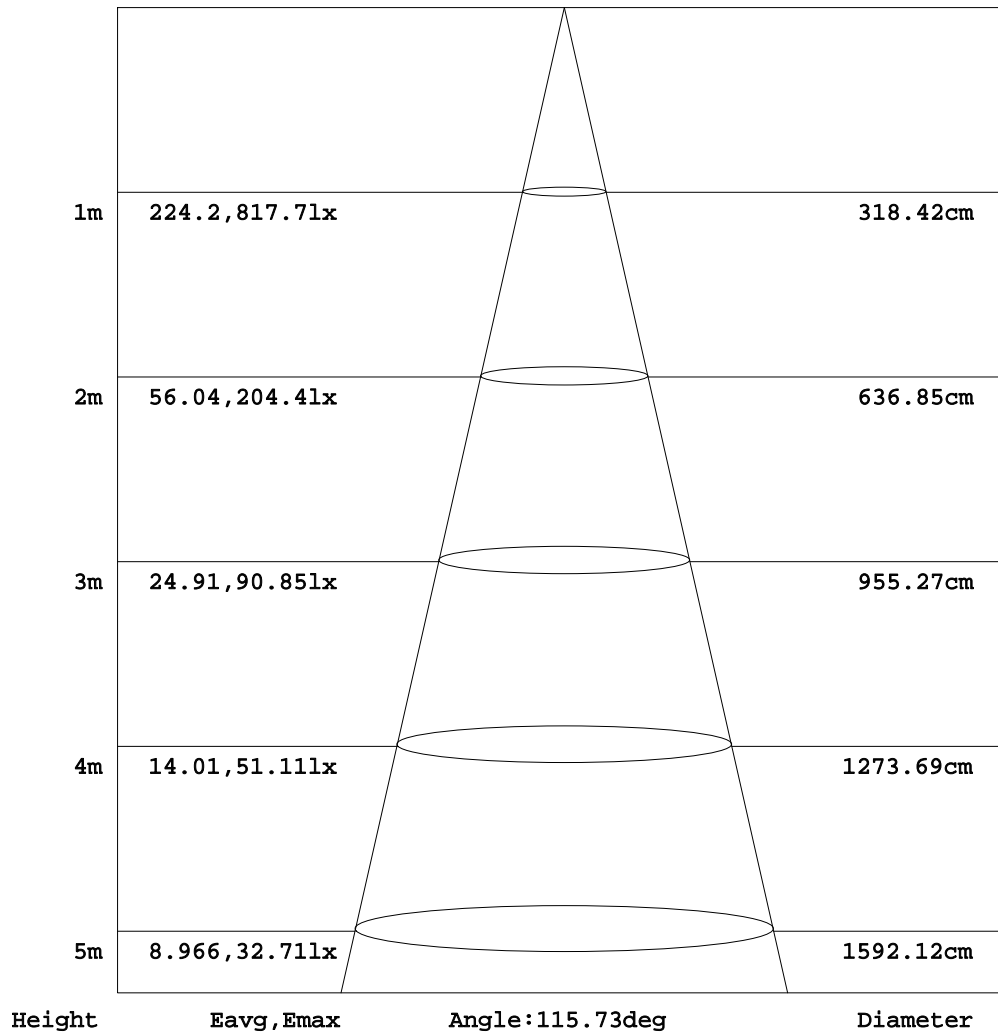
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators: Bomb
 Test Date:2022-09-29

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:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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

Flux out:1804 lm



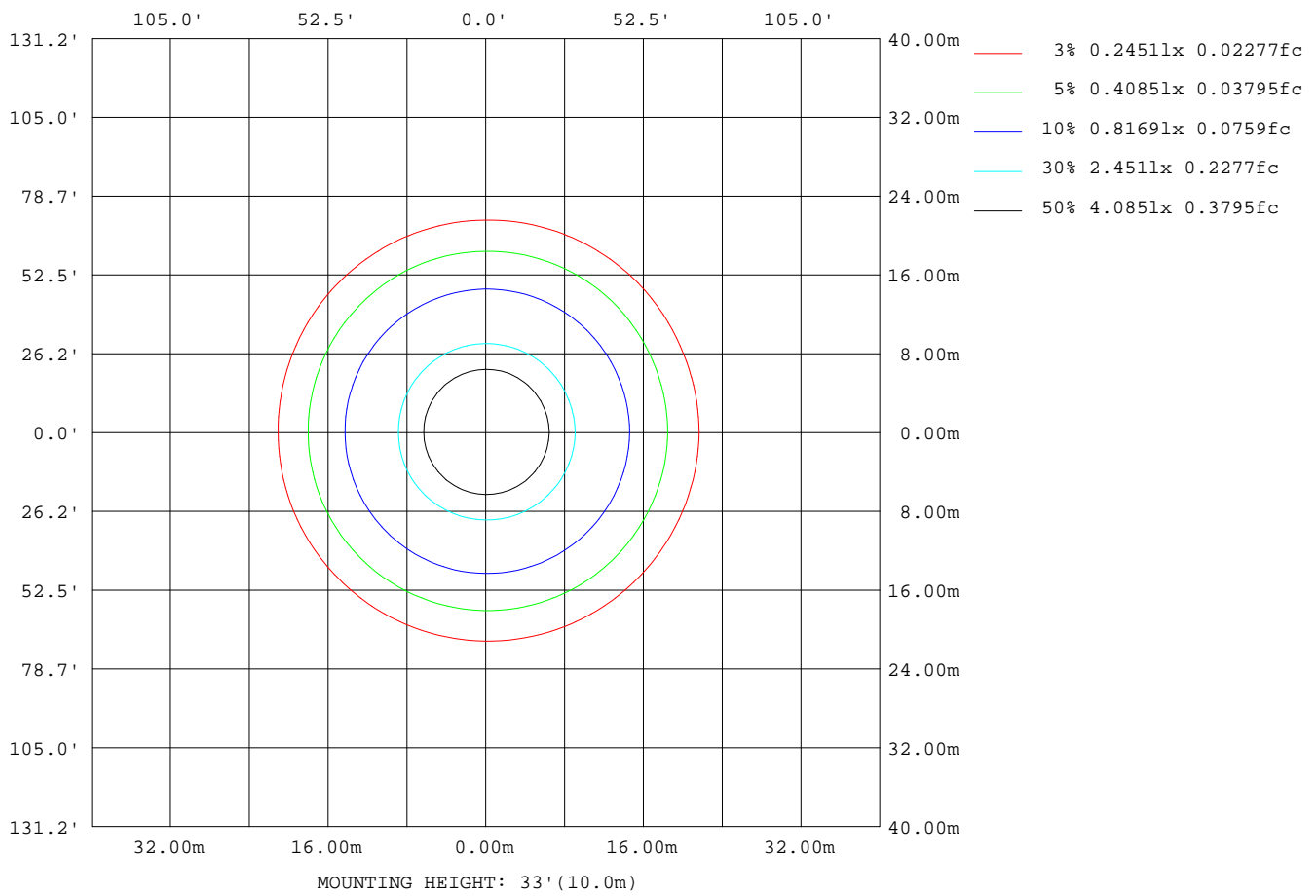
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 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:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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:

LED Avg.L Report

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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

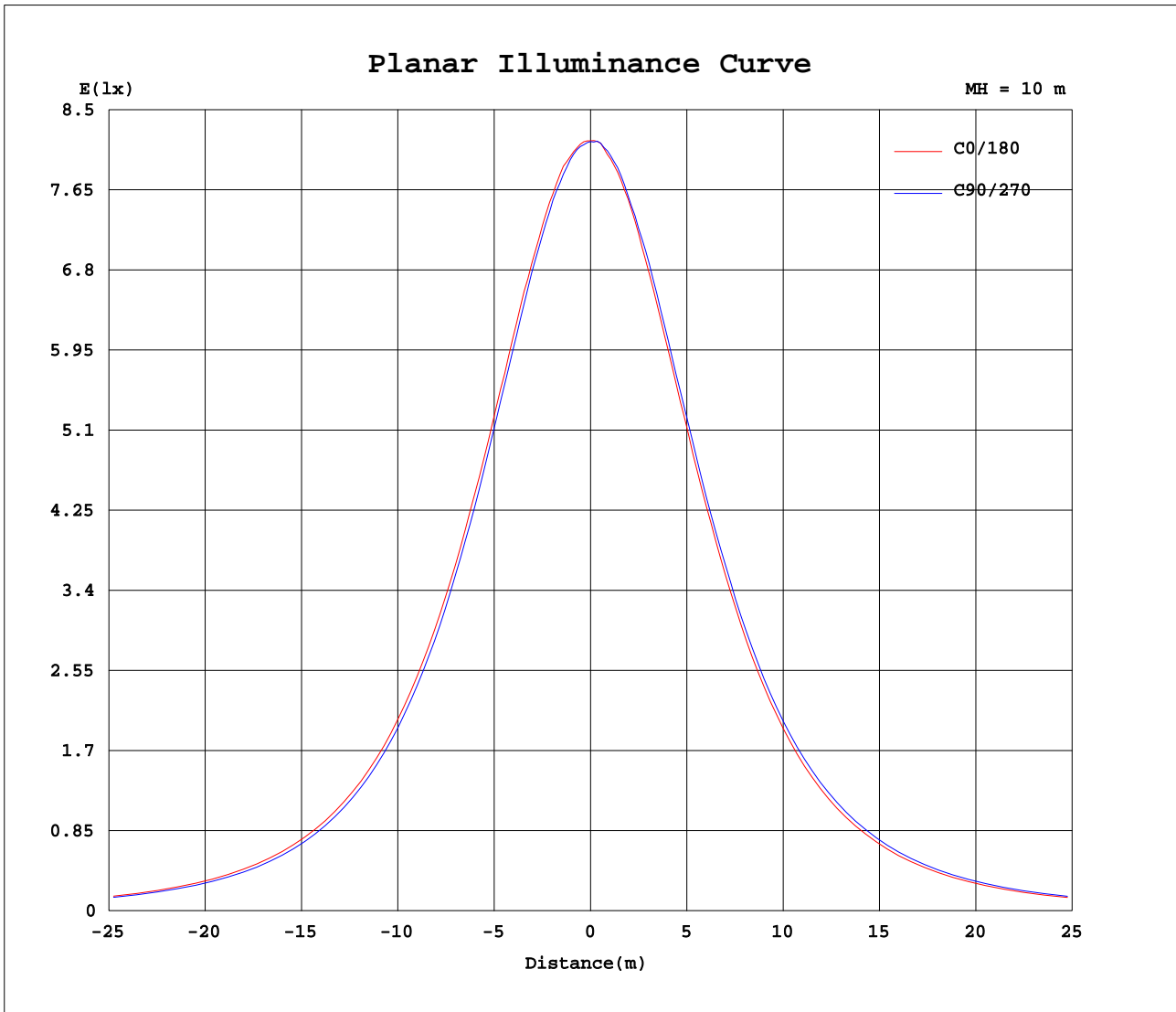
AvgL	cd/m2
L_0~180(65)av	4572
L_0~180(75)av	4766
L_0~180(85)av	7972
L_90~270(65)av	4581
L_90~270(75)av	4777
L_90~270(85)av	8008
L_45(65)av	4571
L_45(75)av	4760
L_45(85)av	7970

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

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:

Planar Illuminance Curve



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2474A P:28.93W PF:0.9745 Lamp Flux:2563x1 lm		
NAME: ASD-LFMDR-MV-18D28CC-NK 5000K	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	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816	816			
5	814	812	815	811	812	812	810	814	811	810	813	813	815	815	815	817			
10	807	804	800	803	800	800	799	801	800	801	804	805	806	809	806	808			
15	791	786	785	784	781	783	779	782	780	783	787	786	790	793	792	793			
20	771	766	764	761	756	758	755	758	755	759	763	767	768	771	771	772			
25	743	738	733	729	726	725	725	725	724	727	733	736	740	746	744	742			
30	708	704	699	693	688	689	687	688	688	692	697	701	705	708	710	710			
35	668	661	657	651	649	645	647	649	647	649	657	661	667	672	670	671			
40	624	616	611	604	601	599	599	600	598	603	610	614	621	625	626	624			
45	574	565	559	553	549	547	546	547	547	551	558	564	569	573	576	572			
50	517	511	503	498	493	490	489	491	489	494	502	510	515	519	521	517			
55	459	452	444	438	433	432	431	431	431	436	443	449	457	461	461	460			
60	397	389	383	376	371	369	368	370	368	373	381	388	394	399	400	397			
65	335	327	320	315	311	307	305	307	305	310	318	325	330	335	336	333			
70	273	266	261	254	250	249	247	248	246	249	256	263	269	273	275	272			
75	217	210	205	200	198	195	193	193	192	195	201	206	212	216	217	217			
80	167	162	157	153	151	149	147	147	144	148	153	158	162	166	167	167			
85	125	120	116	113	111	110	108	108	105	107	111	116	120	123	124	124			
90	89.0	85.9	82.0	79.4	78.1	77.5	76.3	75.7	73.1	75.1	78.2	82.2	85.7	88.0	88.7	88.5			
95	62.0	59.5	56.2	54.4	53.8	53.5	52.3	51.5	49.7	51.2	53.3	56.3	58.8	60.3	61.4	61.5			
100	44.3	43.1	41.3	40.3	39.3	39.1	38.5	37.2	36.3	37.1	38.1	40.3	41.6	42.8	44.0	44.0			
105	38.1	38.0	37.4	37.0	36.4	36.1	34.7	33.1	32.2	32.0	32.3	33.4	34.5	35.6	36.7	37.6			
110	37.4	36.9	36.2	35.7	35.0	34.4	33.3	32.1	31.2	31.3	31.7	32.7	33.8	34.7	36.0	36.8			
115	34.7	34.3	33.5	32.9	32.4	31.5	30.6	30.0	29.4	29.6	30.2	31.0	32.0	32.9	33.6	34.1			
120	31.5	31.2	30.5	30.1	29.7	28.7	27.7	27.2	26.7	27.2	27.7	28.4	29.3	29.9	30.5	31.0			
125	28.2	27.7	27.3	27.1	26.6	25.5	24.7	24.2	23.9	24.4	25.3	25.4	26.3	26.8	27.1	27.4			
130	24.6	23.9	23.5	24.6	23.1	22.2	21.3	21.2	20.8	21.3	22.4	22.4	23.0	23.3	23.4	23.6			
135	20.5	20.0	19.5	19.4	19.3	18.6	17.8	17.9	17.8	18.1	18.9	19.1	19.6	19.7	20.0	19.5			
140	16.3	15.5	15.4	15.7	15.5	15.0	14.0	14.4	14.3	14.7	15.6	15.6	15.9	16.1	15.2	15.4			
145	12.2	11.5	11.6	11.6	11.5	11.4	10.7	11.0	10.9	11.1	11.9	12.2	12.1	12.1	11.9	11.7			
150	9.27	8.73	8.82	8.82	8.83	8.82	8.28	8.28	7.84	9.97	10.5	8.83	8.74	8.52	8.47	8.12			
155	7.26	6.68	6.88	6.84	7.04	6.81	6.65	6.77	5.95	6.11	6.34	6.65	6.31	6.34	6.27	7.03			
160	5.66	4.91	5.55	5.41	5.28	5.03	5.05	6.84	4.48	4.64	4.89	5.06	4.06	4.00	4.30	4.53			
165	4.62	3.91	3.53	4.37	4.28	4.11	4.14	4.23	3.73	3.79	3.88	3.99	3.00	3.46	3.63	3.80			
170	3.83	3.16	2.55	3.52	3.56	3.49	2.96	2.94	2.86	2.85	3.17	3.27	2.43	2.77	2.97	2.69			
175	2.39	2.43	2.33	2.03	2.53	2.45	1.70	2.04	1.98	1.97	2.07	2.14	2.58	2.11	2.01	2.06			
180	0.79	1.34	0.94	1.37	1.01	0.88	1.33	0.63	1.35	1.34	1.34	1.34	1.34	1.34	1.34	1.34			

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