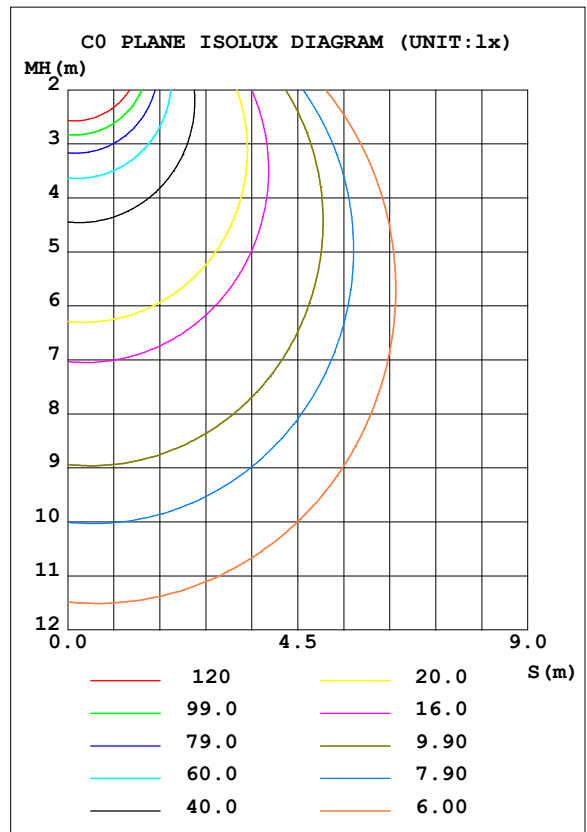
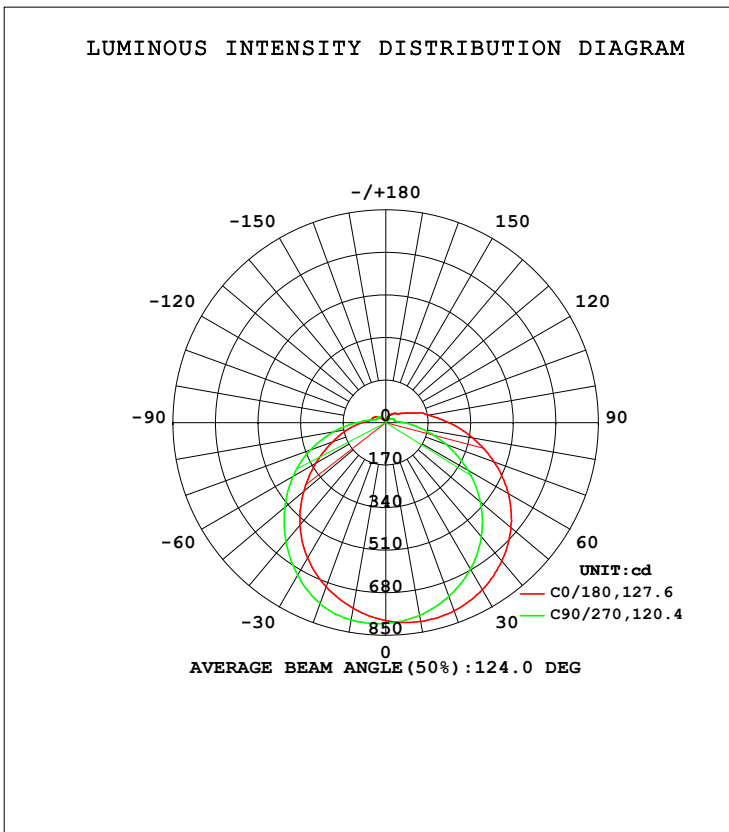


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz		
NAME: ASD-FMOV-24D38		
SPEC.: 5000K		
MFR.: ASD Lighting Corp		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.67 lm/W			
MODEL	ASD-FMOV-24D38	I <sub>max</sub> (cd)	815.0	S/MH (C0/180)	1.19
NOMINAL POWER (W)	38	LOR (%)	104.6	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2927.6	η UP, DN (C0-180)	4.6, 48.0
NOMINAL FLUX (lm)	3289	CIE CLASS	DIRECT	η UP, DN (C180-360)	4.7, 47.3
LAMPS INSIDE	1	η up (%)	9.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	95.3	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: LiFeng Shao  
 Test Date: 2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity: 65.0%  
 Test Distance: 8.898m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

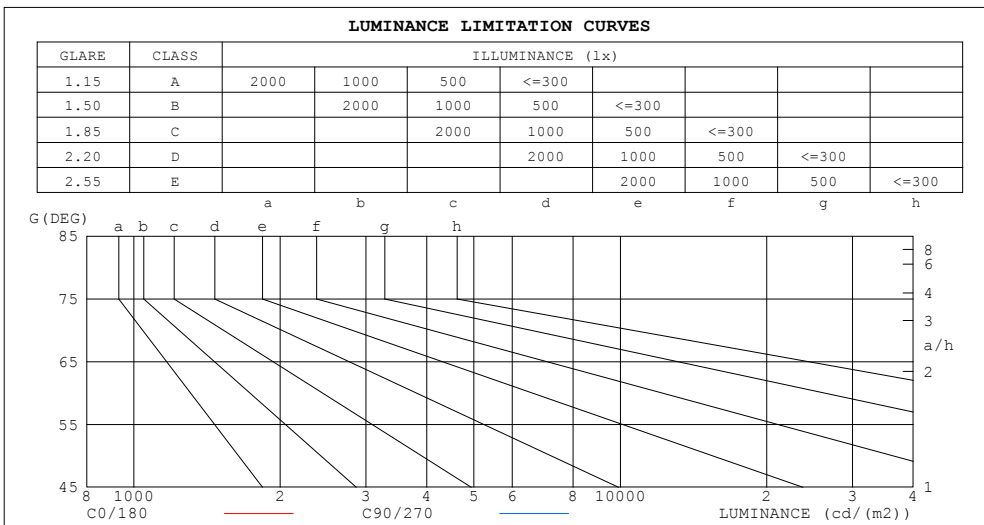
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	806.2	801.4	781.3	775.7	753.2	800.3	800.5	799.4	0- 10	76.10	76.10	2.6,2.72
20	799.6	767.7	737.6	731.9	697.7	763.3	769.5	769.8	10- 20	219.4	295.5	10.1,10.6
30	771.1	713.3	676.3	667.8	625.4	695.3	704.6	706.5	20- 30	335.8	631.2	21.6,22.5
40	721.4	638.6	594.5	584.3	533.7	606.0	620.7	624.0	30- 40	411.2	1042	35.6,37.2
50	652.8	543.9	493.7	483.2	428.6	505.1	526.7	531.3	40- 50	438.6	1481	50.6,52.9
60	565.4	431.0	377.9	367.2	321.9	396.2	427.6	433.9	50- 60	417.2	1898	64.8,67.8
70	461.1	305.3	257.1	248.4	227.0	276.9	322.1	331.8	60- 70	352.5	2251	76.9,80.4
80	352.2	182.0	149.0	143.8	152.2	161.7	212.0	222.9	70- 80	257.8	2508	85.7,89.6
90	252.5	79.98	74.93	73.33	93.83	70.76	115.2	130.0	80- 90	159.7	2668	91.1,95.3
100	174.3	38.75	37.66	39.51	62.57	36.17	62.56	71.00	90-100	88.43	2757	94.2,98.5
110	114.0	31.94	35.31	36.12	55.64	34.35	40.97	45.26	100-110	54.12	2811	96,100
120	75.62	31.33	29.99	30.06	46.16	31.78	40.45	42.69	110-120	41.74	2853	97.4,102
130	56.98	26.20	23.48	23.73	33.34	25.20	35.63	37.94	120-130	32.00	2885	98.5,103
140	47.89	19.54	15.45	15.23	20.35	17.81	28.10	30.74	130-140	21.81	2906	99.3,104
150	36.02	12.11	9.478	9.331	9.577	11.21	19.44	21.88	140-150	12.36	2919	99.7,104
160	23.59	7.108	6.570	6.882	6.997	8.016	10.96	12.86	150-160	5.885	2925	99.9,104
170	11.08	6.979	6.731	6.650	7.057	7.223	7.130	7.260	160-170	2.350	2927	100,105
180	7.742	7.618	7.169	7.277	7.737	7.623	7.175	7.272	170-180	0.6888	2928	100,105
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm		
NAME: ASD-FMOV-24D38		
SPEC.: 2700K		
MFR.: ASD Lighting Corp		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	430991	153641
80	253498	107228
75	196358	96574
70	168512	93964
65	152141	93804
60	141354	94476
55	133168	95312
50	126939	96005
45	121913	96575

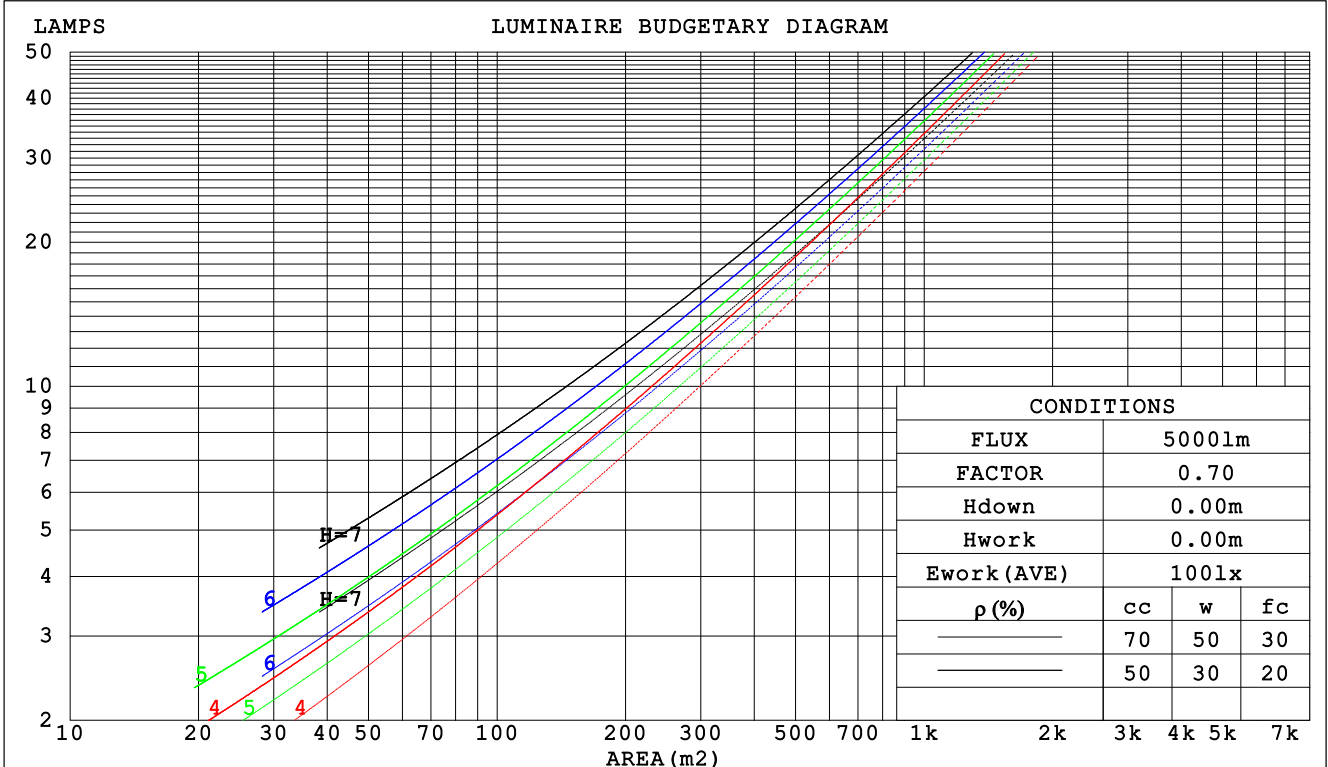
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm		
NAME: ASD-FMOV-24D38		
SPEC.: 2700K		
MFR.: ASD Lighting Corp		

ρcc	80%			70%			50%			30%			10%			0		
	ρw	ρfc	RCR	ρw	ρfc	RCR	ρw	ρfc	RCR	ρw	ρfc	RCR	ρw	ρfc	RCR	ρw	ρfc	RCR
	50%	20%	RCR:Room Cavity Ratio	50%	20%	RCR	50%	20%	RCR	50%	20%	RCR	50%	20%	RCR	50%	20%	RCR
	Coefficients of Utilization(CU)																	
0.0	1.22	1.22	1.22	1.18	1.18	1.18	1.11	1.11	1.11	1.04	1.04	1.04	.98	.98	.98	.95		
1.0	1.04	.98	.94	1.00	.96	.91	.94	.90	.87	.88	.85	.82	.83	.81	.78	.75		
2.0	.89	.81	.75	.86	.79	.73	.81	.75	.70	.76	.71	.67	.72	.68	.64	.61		
3.0	.78	.69	.61	.75	.67	.60	.71	.64	.58	.67	.61	.56	.63	.58	.54	.51		
4.0	.69	.59	.51	.66	.57	.51	.63	.55	.49	.59	.52	.47	.56	.50	.46	.43		
5.0	.61	.51	.44	.59	.50	.43	.56	.48	.42	.53	.46	.41	.50	.44	.39	.37		
6.0	.55	.45	.38	.53	.44	.38	.50	.42	.36	.48	.41	.35	.45	.39	.34	.32		
7.0	.49	.40	.33	.48	.39	.33	.46	.38	.32	.43	.36	.31	.41	.35	.30	.28		
8.0	.45	.36	.30	.44	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.27	.25		
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.24	.22		
10.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.34	.27	.23	.32	.26	.22	.20		



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp

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	.375	.213	.068	.365	.208	.066	.346	.198	.063	.328	.189	.061	.311	.181	.058	
2.0	.334	.183	.056	.325	.179	.055	.308	.171	.053	.292	.164	.051	.277	.157	.049	
3.0	.301	.160	.048	.293	.157	.047	.277	.150	.046	.263	.144	.044	.249	.138	.043	
4.0	.273	.142	.042	.266	.139	.041	.252	.134	.040	.239	.128	.039	.227	.123	.038	
5.0	.250	.127	.037	.243	.125	.036	.231	.120	.035	.219	.116	.034	.208	.111	.033	
6.0	.230	.115	.033	.224	.113	.033	.213	.109	.032	.202	.105	.031	.192	.101	.030	
7.0	.213	.105	.030	.207	.103	.029	.197	.100	.029	.187	.096	.028	.178	.093	.027	
8.0	.198	.097	.027	.193	.095	.027	.183	.092	.026	.175	.088	.026	.166	.085	.025	
9.0	.185	.089	.025	.180	.088	.025	.172	.085	.024	.164	.082	.023	.156	.079	.023	
10.0	.173	.083	.023	.169	.082	.023	.161	.079	.022	.154	.076	.022	.147	.074	.021	

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	.270	.270	.270	.231	.231	.231	.157	.157	.157	.090	.090	.090	.029	.029	.029	
1.0	.263	.234	.208	.225	.201	.179	.154	.138	.124	.089	.080	.072	.028	.026	.023	
2.0	.256	.209	.171	.219	.180	.147	.150	.125	.103	.087	.073	.060	.028	.023	.020	
3.0	.248	.192	.147	.212	.165	.127	.146	.115	.089	.084	.067	.053	.027	.022	.017	
4.0	.240	.178	.131	.206	.154	.114	.141	.107	.080	.082	.063	.048	.026	.020	.016	
5.0	.232	.168	.121	.199	.145	.105	.137	.101	.074	.079	.060	.044	.026	.019	.014	
6.0	.224	.159	.113	.192	.138	.098	.133	.096	.069	.077	.057	.041	.025	.019	.014	
7.0	.216	.152	.107	.186	.132	.093	.129	.092	.066	.075	.054	.039	.024	.018	.013	
8.0	.210	.146	.103	.180	.127	.090	.125	.089	.064	.073	.053	.038	.023	.017	.013	
9.0	.203	.141	.099	.175	.122	.087	.121	.086	.061	.071	.051	.037	.023	.017	.012	
10.0	.197	.137	.097	.170	.119	.084	.118	.084	.060	.069	.049	.036	.022	.016	.012	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm										
NAME: ASD-FMOV-24D38										
SPEC.: 2700K										
MFR.: ASD Lighting Corp										
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	26.0	27.5	26.4	27.8	28.2	24.5	26.0	24.9	26.4	26.7
3H	28.4	29.7	28.8	30.1	30.5	26.2	27.6	26.6	28.0	28.4
4H	29.7	30.9	30.1	31.4	31.8	27.0	28.3	27.4	28.7	29.1
6H	31.1	32.3	31.5	32.7	33.2	27.7	28.9	28.2	29.4	29.8
8H	31.8	33.0	32.3	33.4	33.9	28.1	29.3	28.6	29.7	30.2
12H	32.7	33.8	33.2	34.3	34.8	28.5	29.6	29.0	30.1	30.6
4H 2H	26.5	27.8	26.9	28.2	28.6	25.4	26.7	25.8	27.1	27.5
3H	29.0	30.1	29.5	30.6	31.1	27.2	28.4	27.7	28.8	29.3
4H	30.4	31.4	30.9	31.9	32.4	28.1	29.2	28.6	29.6	30.2
6H	32.0	32.9	32.5	33.4	33.9	29.0	29.9	29.5	30.4	31.0
8H	32.8	33.7	33.4	34.2	34.8	29.4	30.3	30.0	30.8	31.4
12H	33.9	34.7	34.4	35.2	35.8	29.9	30.7	30.5	31.3	31.9
8H 4H	30.6	31.5	31.2	32.0	32.6	28.7	29.5	29.2	30.1	30.6
6H	32.3	33.1	32.9	33.6	34.3	29.8	30.5	30.3	31.0	31.7
8H	33.4	34.0	34.0	34.6	35.2	30.3	31.0	30.9	31.6	32.2
12H	34.6	35.2	35.2	35.8	36.5	31.0	31.5	31.6	32.1	32.8
12H 4H	30.6	31.4	31.2	32.0	32.6	28.8	29.6	29.4	30.1	30.7
6H	32.4	33.1	33.0	33.6	34.3	30.0	30.6	30.6	31.2	31.8
8H	33.5	34.1	34.1	34.7	35.3	30.6	31.2	31.2	31.8	32.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.1 / - 0.4				

CIE Pub.117, 2800 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.6)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp

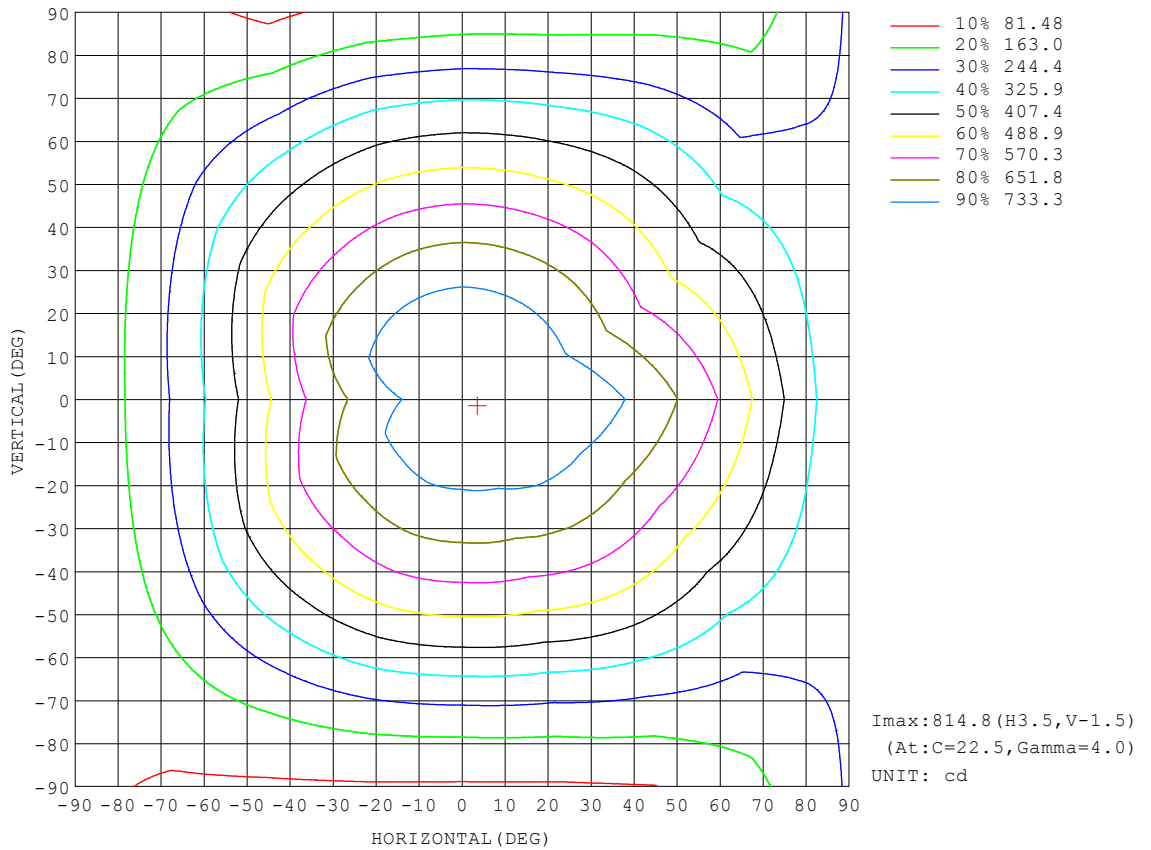
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	34	54	41	34	52	41	34	27
0.80	64	51	43	63	51	43	61	50	42	35
1.00	73	60	52	71	59	51	68	60	50	42
1.25	80	68	59	78	67	59	74	65	58	49
1.50	85	74	65	83	72	65	79	70	63	53
2.00	93	82	74	90	81	73	85	77	71	61
2.50	97	88	80	94	86	79	89	82	76	65
3.00	101	92	85	98	90	84	92	86	81	69
4.00	106	98	92	102	96	90	96	91	86	74
5.00	109	102	97	105	99	95	99	94	90	78
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:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp



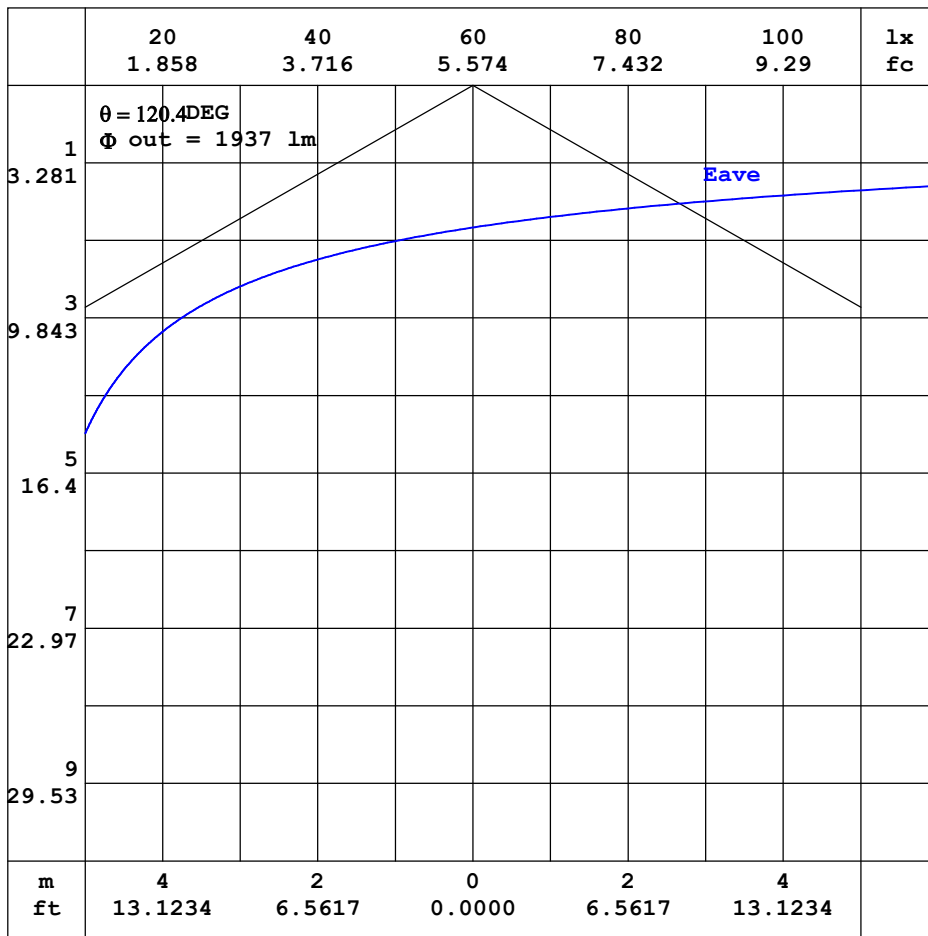
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:



AAI CURVES

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp



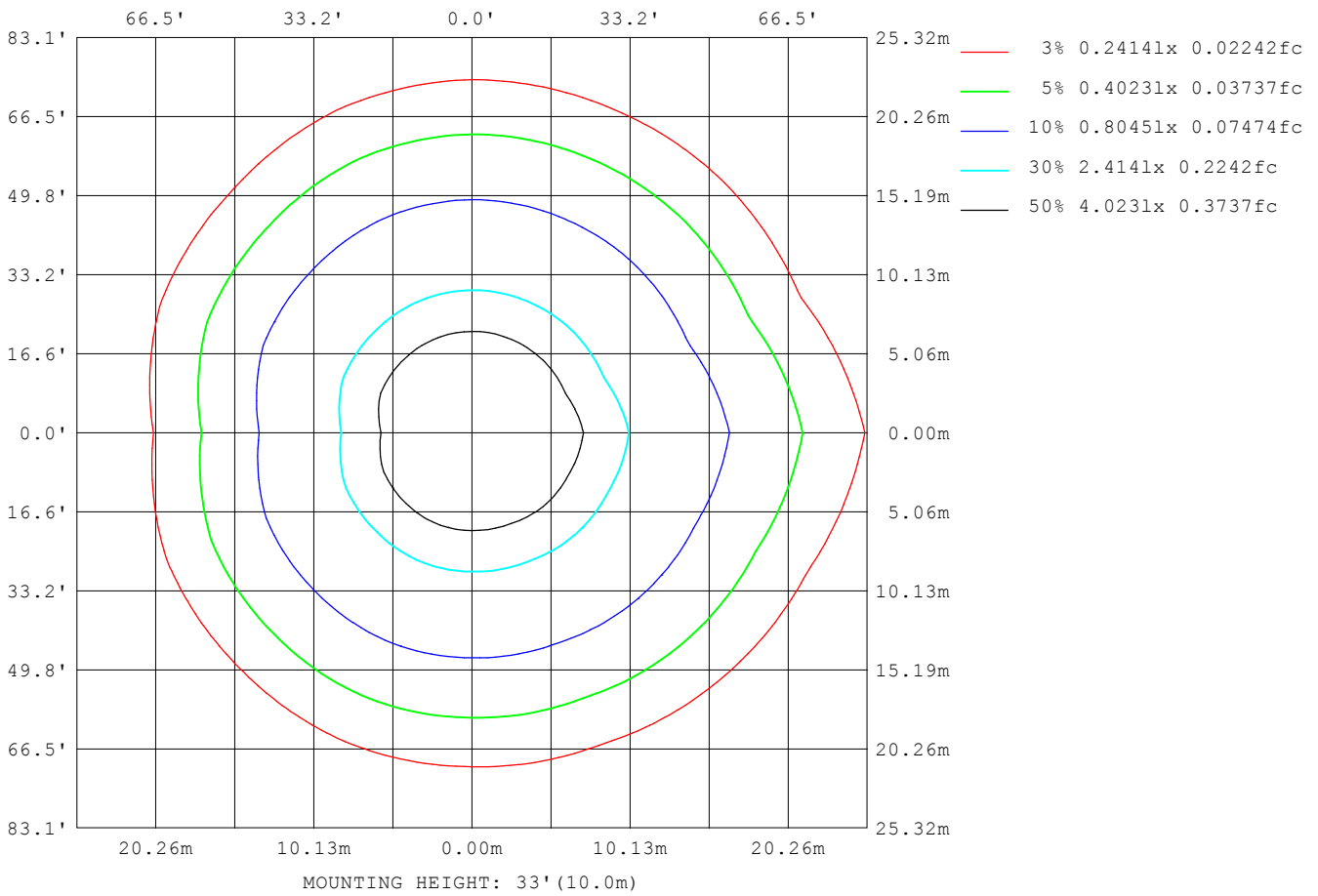
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp

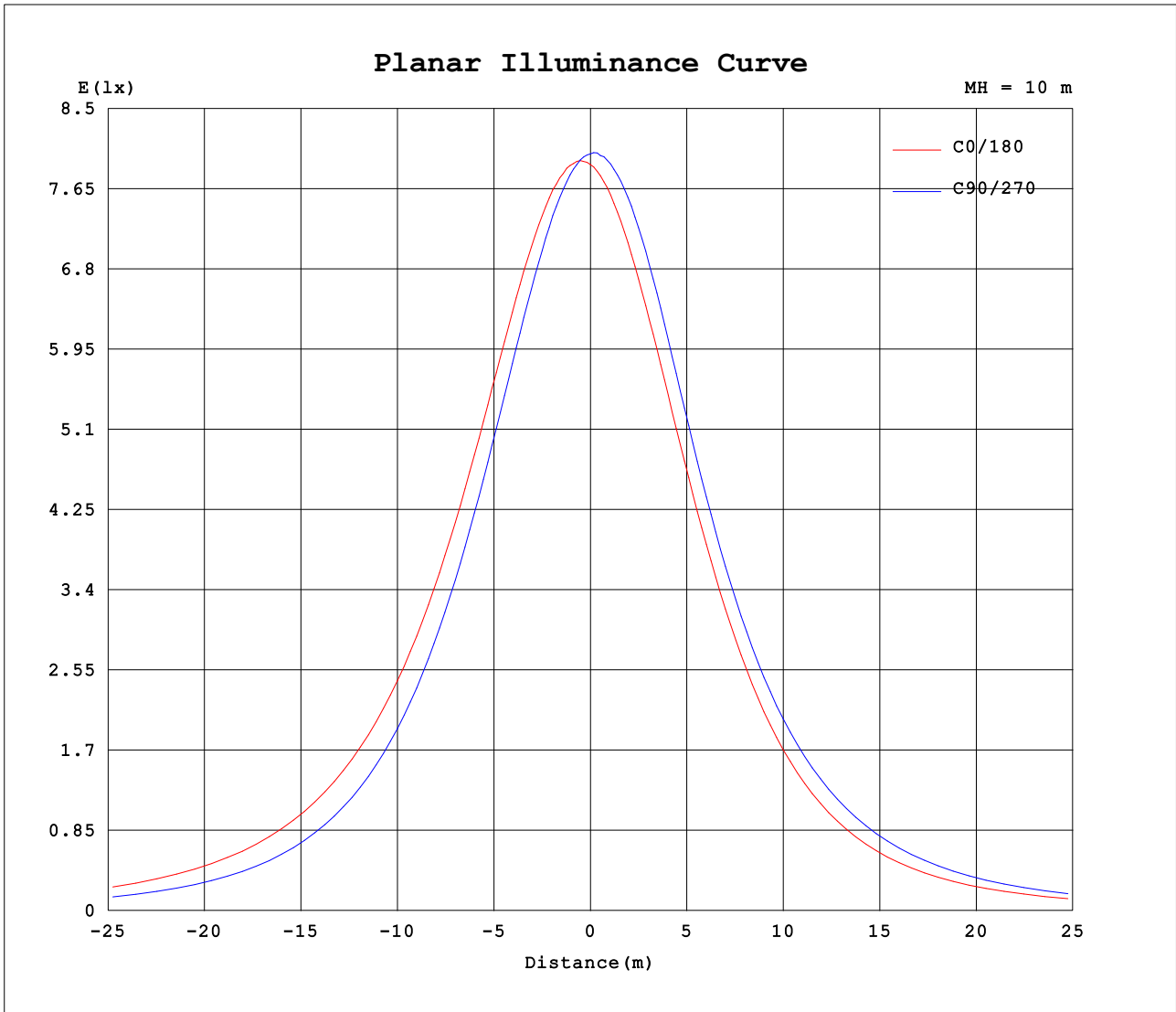
AvgL	cd/m2
L_0~180 (65) av	116338
L_0~180 (75) av	143282
L_0~180 (85) av	302497
L_90~270 (65) av	102530
L_90~270 (75) av	112174
L_90~270 (85) av	192606
L_45 (65) av	103402
L_45 (75) av	112399
L_45 (85) av	183511

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:LiFeng Shao  
 Test Date:2023-10-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
 Humidity:65.0%  
 Test Distance:8.898m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
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Test Date:2023-10-10

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.406.11  
Humidity:65.0%  
Test Distance:8.898m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.99V I:0.3729A P:36.291W PF:0.8111 Freq:59.98Hz Lamp Flux:2800x1 lm
NAME: ASD-FMOV-24D38
SPEC.: 2700K
MFR.: ASD Lighting Corp

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	791	814	813	805	802	803	799	798	791	814	813	805	802	803	799	798			
5	801	814	809	798	795	795	789	789	775	807	810	806	804	805	801	802			
10	806	809	801	786	781	781	776	775	753	795	800	801	801	800	799	799			
15	807	799	787	768	762	762	755	756	728	776	786	789	790	790	789	789			
20	800	783	768	745	738	738	732	731	698	753	763	767	770	769	770	768			
25	788	761	743	717	710	709	702	700	663	725	733	737	740	740	741	740			
30	771	734	713	684	676	675	668	666	625	690	695	700	705	704	706	706			
35	749	702	678	647	638	637	629	627	582	649	652	660	664	664	667	667			
40	721	666	639	604	595	594	584	583	534	602	606	616	621	620	624	624			
45	690	624	594	556	546	546	536	534	482	552	556	569	575	575	579	578			
50	653	578	544	505	494	493	483	482	429	498	505	521	527	526	531	531			
55	611	527	490	449	437	437	426	426	375	443	452	471	478	478	483	483			
60	565	472	431	389	378	378	367	367	322	385	396	419	428	427	434	434			
65	514	413	369	328	317	317	307	307	272	327	339	367	376	376	384	383			
70	461	352	305	267	257	257	248	248	227	271	277	311	322	323	332	332			
75	407	292	243	208	200	200	193	192	187	219	220	253	265	265	275	276			
80	352	235	182	155	149	149	144	144	152	171	162	199	212	214	223	224			
85	301	185	126	110	107	108	104	104	121	130	107	146	161	164	175	176			
90	252	142	80.0	74.8	74.9	75.9	73.3	73.6	93.8	97.0	70.8	99.2	115	119	130	132			
95	211	110	56.2	49.5	51.1	52.3	51.8	52.2	73.5	71.8	49.4	73.7	87.9	90.9	98.3	99.8			
100	174	82.3	38.7	35.4	37.7	39.0	39.5	39.9	62.6	55.6	36.2	53.0	62.6	64.5	71.0	72.2			
105	153	63.8	29.4	32.9	35.8	36.1	36.7	36.8	57.5	46.4	33.0	40.9	47.7	49.5	54.4	55.6			
110	114	51.5	31.9	34.5	35.3	35.6	36.1	36.3	55.6	43.6	34.3	38.1	41.0	42.3	45.3	46.0			
115	92.1	46.3	33.3	32.8	33.3	33.6	33.6	33.6	51.7	41.8	33.5	38.5	40.6	41.3	42.7	43.1			
120	75.6	44.8	31.3	30.2	30.0	30.1	30.1	30.1	46.2	38.4	31.8	38.2	40.4	41.1	42.7	43.1			
125	63.8	42.5	29.8	27.4	27.4	27.4	27.1	27.1	39.8	34.3	29.1	35.9	38.1	38.7	40.6	40.9			
130	57.0	38.6	26.2	23.4	23.5	23.8	23.7	23.8	33.3	30.2	25.2	33.5	35.6	36.4	37.9	38.2			
135	53.3	33.9	23.6	19.4	19.9	20.4	20.2	20.2	26.7	25.8	23.3	30.3	32.4	32.7	34.5	34.8			
140	47.9	29.7	19.5	15.7	15.4	15.5	15.2	15.3	20.3	21.6	17.8	25.9	28.1	28.7	30.7	31.1			
145	42.4	24.7	15.6	12.4	12.2	12.2	11.9	12.0	14.4	16.7	14.0	21.6	23.8	24.3	26.3	26.7			
150	36.0	19.7	12.1	9.63	9.48	9.52	9.33	9.27	9.58	12.5	11.2	17.3	19.4	19.9	21.9	22.2			
155	30.0	15.1	9.06	7.72	7.68	7.67	7.27	7.34	7.42	9.34	9.78	13.5	15.7	16.1	18.0	18.3			
160	23.6	10.3	7.11	7.22	6.57	6.61	6.88	7.00	7.00	7.58	8.02	9.97	11.0	11.2	12.9	13.1			
165	17.0	6.91	6.93	6.63	6.75	6.79	6.68	6.62	6.93	7.41	7.38	7.54	7.81	7.89	8.57	8.72			
170	11.1	6.95	6.98	6.69	6.73	6.68	6.65	6.62	7.06	7.32	7.22	6.99	7.13	7.16	7.26	7.27			
175	6.91	7.49	7.49	7.12	7.09	7.07	6.94	6.91	8.11	7.72	7.46	7.27	7.21	7.26	7.11	7.12			
180	7.74	7.56	7.62	7.09	7.17	7.20	7.28	7.30	7.74	7.56	7.62	7.08	7.17	7.20	7.27	7.29			

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