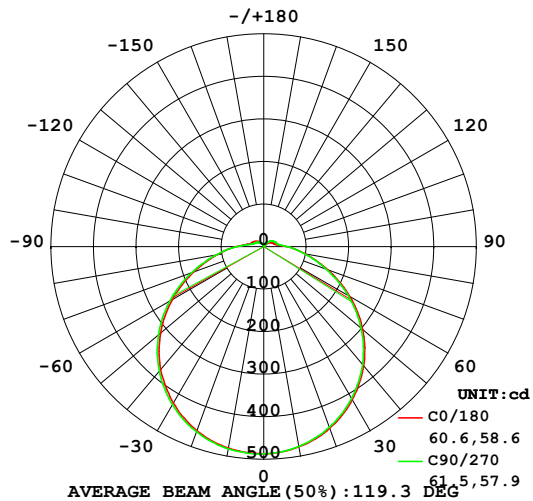


LUMINAIRE PHOTOMETRIC TEST REPORT

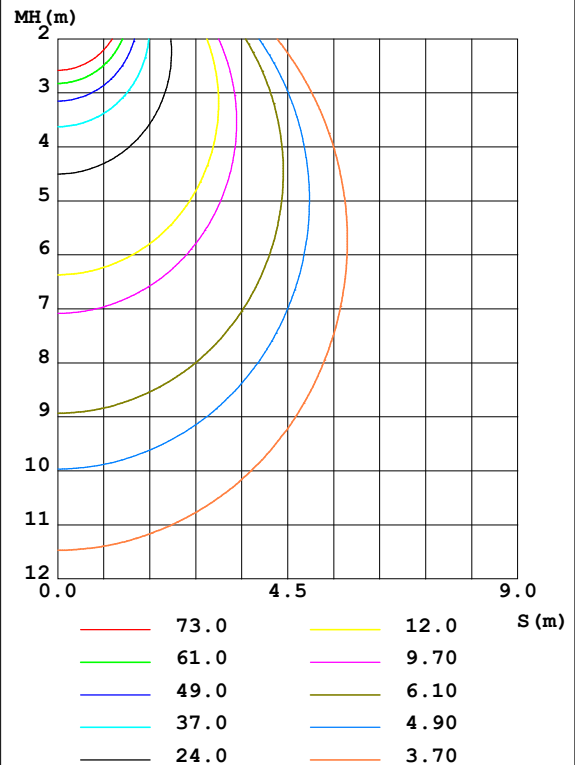
Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.36 lm/W			
MODEL: ASD-LFMDR-MV-16D24CC-NK		Imax(cd)	487.9	S/MH(C0/180)	1.30
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1720.5	η UP,DN(C0-180)	4.2,44.2
NOMINAL FLUX(lm)	1720.5	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.2,47.5
LAMPS INSIDE	1	η up(%)	8.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	91.7	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:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

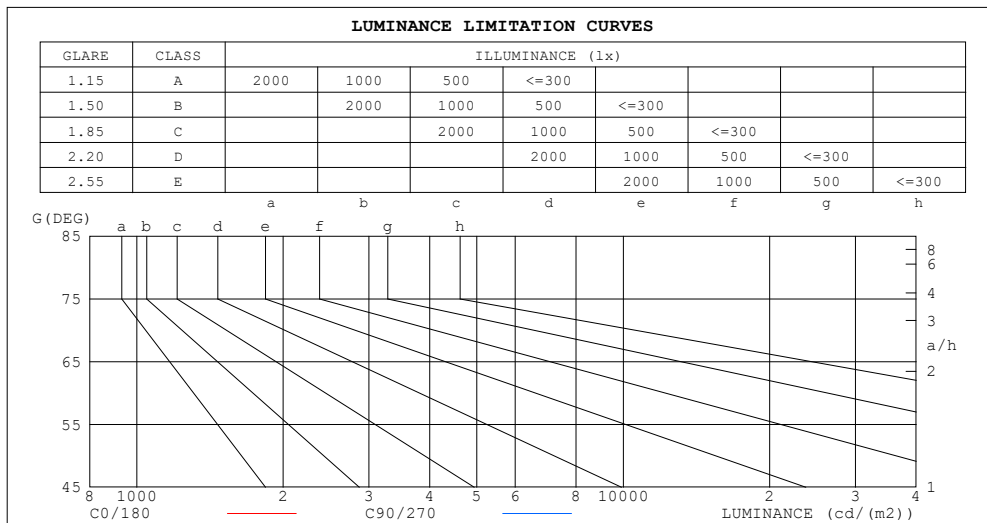
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	477.9	476.7	476.7	477.1	480.7	483.2	482.8	483.2	0- 10	46.15	46.15	2.68,2.68
20	454.4	451.5	451.5	451.8	460.3	463.3	463.3	464.1	10- 20	132.9	179.0	10.4,10.4
30	416.0	411.8	412.7	412.4	424.8	429.6	429.0	429.8	20- 30	203.3	382.3	22.2,22.2
40	365.3	360.5	361.7	361.0	377.1	382.3	382.1	383.1	30- 40	248.8	631.2	36.7,36.7
50	303.7	297.8	298.9	297.9	316.8	323.4	323.2	324.0	40- 50	264.3	895.4	52,52
60	233.2	227.0	228.4	226.8	248.1	255.3	254.8	255.6	50- 60	247.5	1143	66.4,66.4
70	160.5	155.4	156.6	155.4	175.4	181.9	181.0	181.8	60- 70	202.6	1346	78.2,78.2
80	98.77	95.66	97.55	96.67	111.5	115.6	113.6	114.0	70- 80	143.1	1489	86.5,86.5
90	54.14	53.29	54.84	54.35	64.71	66.40	63.17	63.47	80- 90	88.31	1577	91.7,91.7
100	29.89	31.68	34.30	34.03	36.78	35.43	32.66	32.57	90-100	48.46	1625	94.5,94.5
110	24.01	27.18	30.07	29.83	28.97	26.17	24.13	23.76	100-110	30.89	1656	96.3,96.3
120	19.98	23.16	25.84	25.48	24.74	22.17	20.35	20.09	110-120	24.67	1681	97.7,97.7
130	15.16	18.00	20.22	19.93	19.43	17.23	15.95	15.78	120-130	18.25	1699	98.8,98.8
140	9.937	11.87	13.49	13.31	13.19	11.77	11.08	10.93	130-140	11.57	1711	99.4,99.4
150	6.054	6.745	7.429	7.299	7.342	6.799	6.839	6.732	140-150	5.837	1717	99.8,99.8
160	3.853	3.870	4.238	4.164	4.499	4.307	4.148	4.256	150-160	2.549	1719	99.9,99.9
170	3.077	3.105	3.297	3.331	3.398	3.257	3.138	3.206	160-170	1.027	1720	100,100
180	2.658	2.601	2.556	2.550	2.663	2.601	2.550	2.556	170-180	0.2900	1721	100,100
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:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:9.100m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	106903	106462
80	71096	70218
75	61574	60254
70	58666	57239
65	58115	56704
60	58297	57102
55	58687	57633
50	59055	58128
45	59402	58635

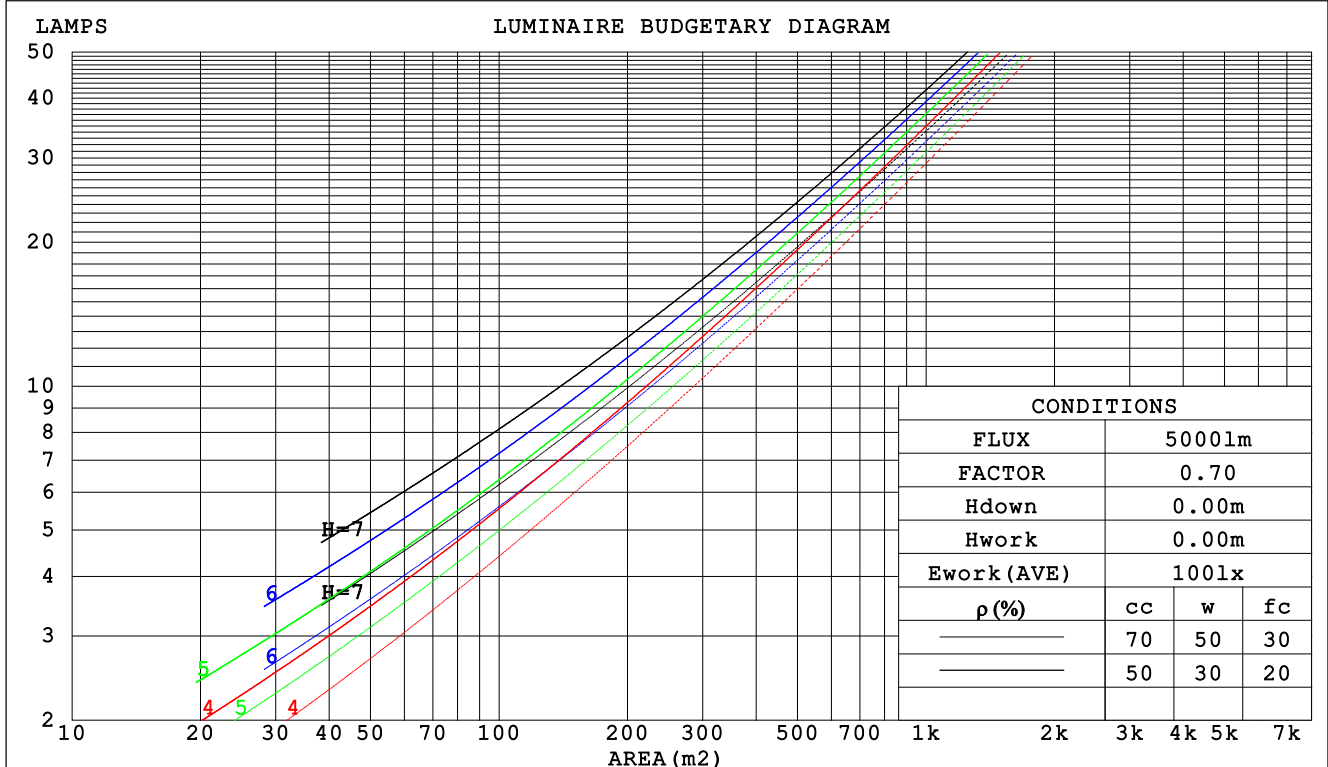
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	1.00	1.00	1.00	.94	.94	.94	.92
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.85	.82	.80	.80	.78	.76	.73
2.0	.86	.79	.72	.83	.77	.71	.78	.73	.68	.74	.69	.65	.70	.66	.62	.60
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.56	.65	.59	.54	.61	.56	.52	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.53	.48	.57	.51	.46	.54	.49	.44	.42
5.0	.59	.50	.43	.57	.49	.42	.54	.47	.41	.51	.45	.40	.49	.43	.38	.36
6.0	.53	.44	.37	.51	.43	.37	.49	.41	.36	.46	.40	.35	.44	.38	.34	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.35	.31	.40	.34	.30	.28
8.0	.44	.35	.29	.42	.34	.29	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.27	.22	.31	.26	.22	.20



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

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						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.352	.200	.063	.343	.195	.062	.324	.186	.059	.308	.177	.057	.292	.169	.055		
2.0	.315	.173	.053	.306	.169	.052	.290	.161	.050	.275	.154	.048	.261	.148	.047		
3.0	.285	.152	.045	.277	.148	.045	.262	.142	.043	.249	.136	.042	.236	.131	.040		
4.0	.259	.135	.040	.252	.132	.039	.239	.127	.038	.227	.122	.037	.215	.117	.036		
5.0	.237	.121	.035	.231	.119	.035	.219	.114	.034	.208	.110	.033	.198	.106	.032		
6.0	.219	.110	.031	.213	.108	.031	.202	.104	.030	.192	.100	.029	.183	.096	.029		
7.0	.202	.100	.028	.197	.098	.028	.188	.095	.027	.179	.092	.027	.170	.088	.026		
8.0	.188	.092	.026	.184	.090	.026	.175	.087	.025	.167	.084	.024	.159	.082	.024		
9.0	.176	.085	.024	.172	.084	.023	.164	.081	.023	.156	.078	.022	.149	.076	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.075	.021	.147	.073	.021	.140	.071	.020		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.254	.254	.254	.217	.217	.217	.148	.148	.148	.085	.085	.085	.027	.027	.027	
1.0	.247	.220	.195	.212	.189	.168	.145	.130	.116	.083	.075	.068	.027	.024	.022	
2.0	.240	.196	.160	.205	.169	.138	.141	.117	.096	.081	.068	.056	.026	.022	.018	
3.0	.232	.179	.137	.199	.155	.119	.137	.107	.083	.079	.063	.049	.025	.020	.016	
4.0	.224	.166	.122	.193	.144	.106	.132	.100	.075	.077	.059	.044	.025	.019	.015	
5.0	.217	.156	.112	.186	.135	.097	.128	.094	.069	.074	.055	.041	.024	.018	.013	
6.0	.210	.148	.104	.180	.128	.091	.124	.090	.064	.072	.053	.038	.023	.017	.013	
7.0	.203	.141	.098	.174	.122	.086	.120	.086	.061	.070	.051	.036	.023	.017	.012	
8.0	.196	.136	.094	.169	.118	.082	.117	.083	.058	.068	.049	.035	.022	.016	.011	
9.0	.190	.131	.091	.163	.113	.079	.113	.080	.056	.066	.047	.034	.021	.015	.011	
10.0	.184	.127	.088	.159	.110	.077	.110	.077	.055	.064	.046	.033	.021	.015	.011	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm										
NAME: ASD-LFMDR-MV-16D24CC-NK					TYPE:			WEIGHT:		
SPEC.:5000K					DIM.: 16inch			SERIAL No.:5CCT-5000K		
MFR.: ASD LIGHTING CORP					SUR.:			Shielding Angle:0		
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	24.4	25.9	24.8	26.2	26.6	24.4	25.8	24.7	26.2	26.5
3H	26.2	27.5	26.6	27.9	28.3	26.1	27.4	26.5	27.8	28.2
4H	27.0	28.3	27.5	28.7	29.2	26.9	28.2	27.4	28.6	29.1
6H	27.9	29.1	28.3	29.5	30.0	27.8	29.0	28.2	29.4	29.9
8H	28.3	29.5	28.8	29.9	30.4	28.2	29.4	28.7	29.8	30.3
12H	28.8	29.9	29.3	30.4	30.9	28.7	29.8	29.2	30.3	30.8
4H 2H	25.0	26.3	25.5	26.7	27.2	25.0	26.3	25.4	26.7	27.1
3H	27.0	28.1	27.5	28.6	29.1	26.9	28.1	27.4	28.5	29.0
4H	28.0	29.0	28.5	29.5	30.0	27.9	29.0	28.4	29.4	29.9
6H	29.0	30.0	29.6	30.5	31.0	29.0	29.9	29.5	30.4	30.9
8H	29.6	30.4	30.1	30.9	31.5	29.5	30.4	30.0	30.9	31.4
12H	30.2	31.0	30.7	31.5	32.1	30.1	30.9	30.7	31.4	32.0
8H 4H	28.4	29.2	28.9	29.8	30.3	28.3	29.2	28.8	29.7	30.2
6H	29.6	30.4	30.2	30.9	31.5	29.6	30.3	30.1	30.8	31.5
8H	30.3	31.0	30.9	31.6	32.2	30.3	30.9	30.9	31.5	32.1
12H	31.2	31.7	31.8	32.3	33.0	31.1	31.7	31.7	32.2	32.9
12H 4H	28.4	29.2	29.0	29.8	30.3	28.4	29.2	28.9	29.7	30.3
6H	29.8	30.4	30.4	31.0	31.6	29.7	30.4	30.3	30.9	31.6
8H	30.6	31.1	31.2	31.7	32.4	30.5	31.1	31.1	31.7	32.3
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, 1721 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.9$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

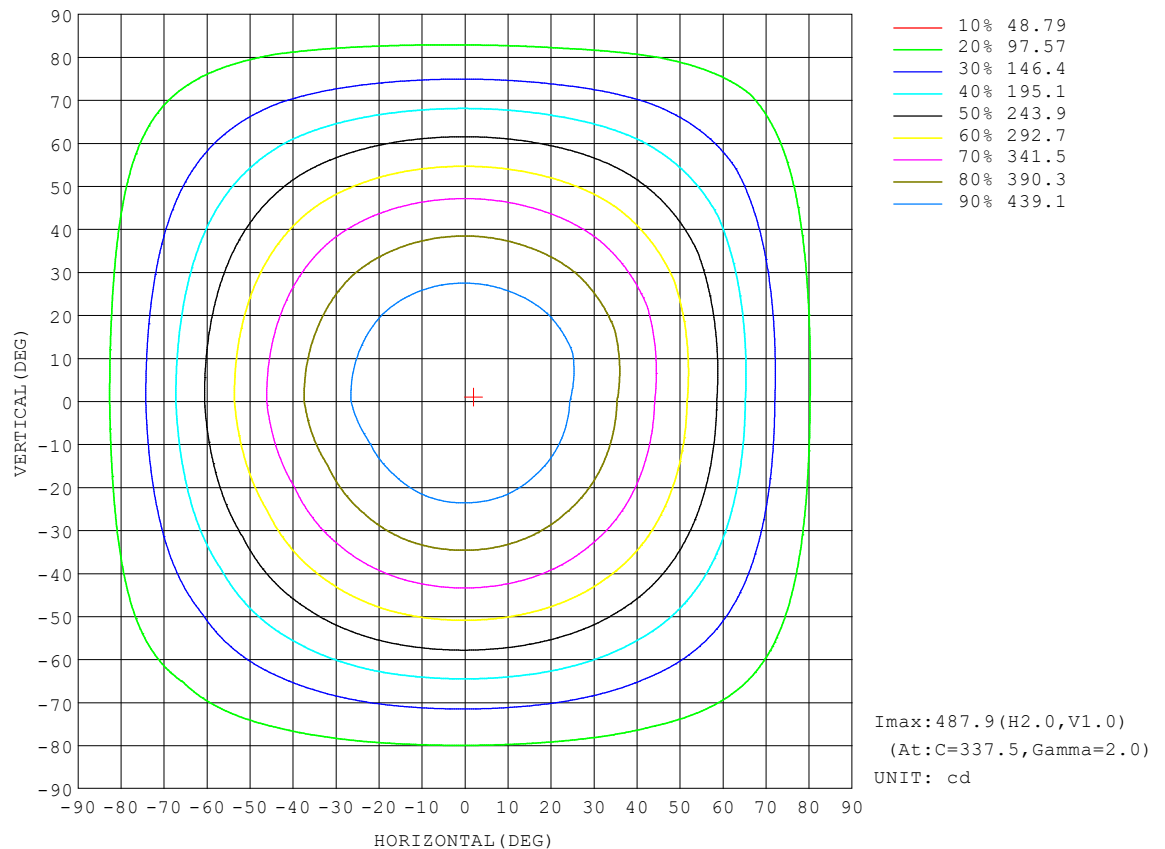
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	33	52	40	33	50	40	33	26
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	58	50	66	59	49	41
1.25	77	66	58	75	65	57	72	63	56	48
1.50	82	71	63	80	70	63	76	68	61	52
2.00	89	80	72	87	78	71	83	75	69	59
2.50	94	85	78	91	83	76	86	79	74	63
3.00	97	89	83	94	87	81	89	83	78	67
4.00	102	95	89	98	92	87	93	88	84	72
5.00	104	98	93	101	96	91	95	91	87	75
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:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
 Humidity:65.0%
 Test Distance:9.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

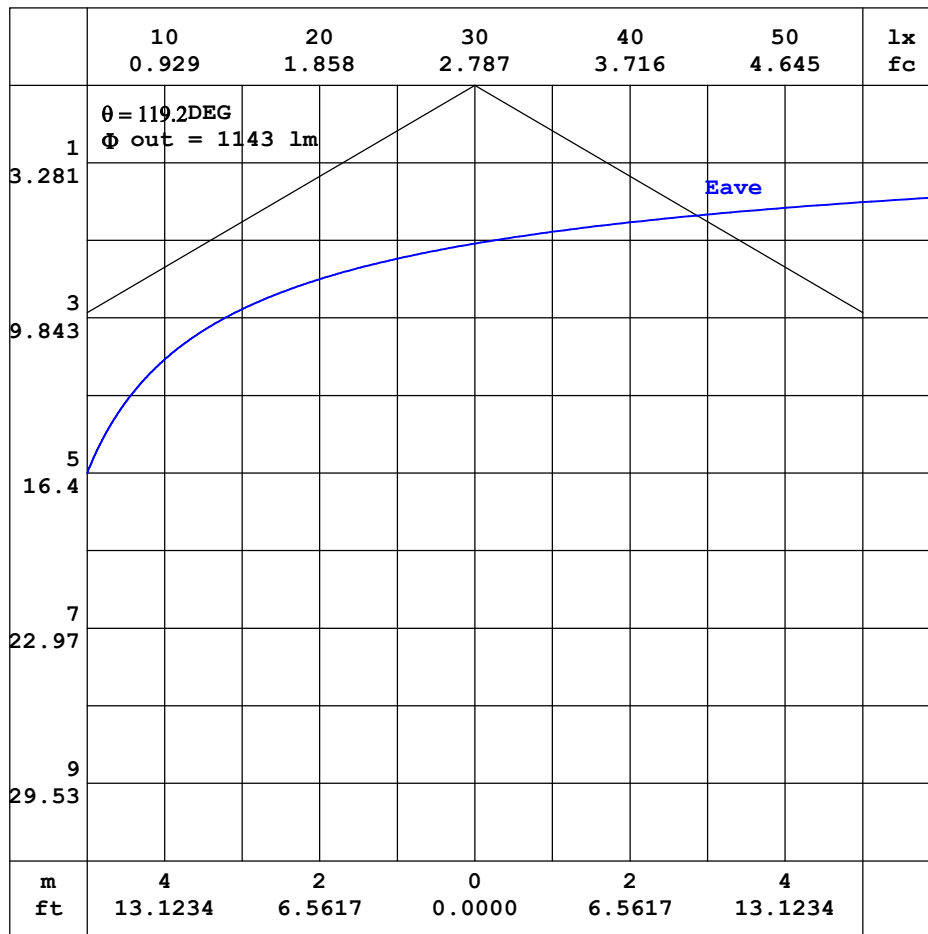


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0



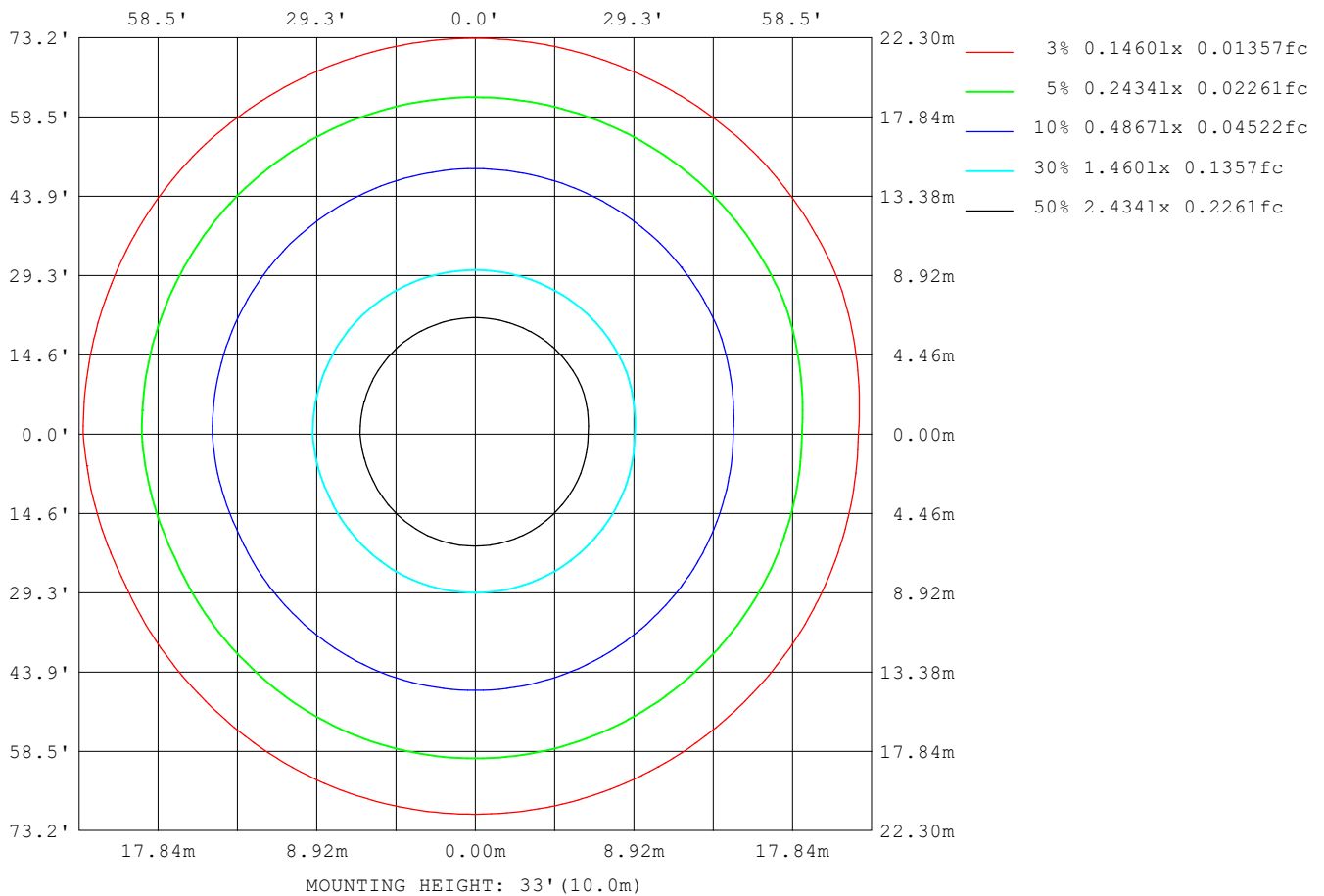
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

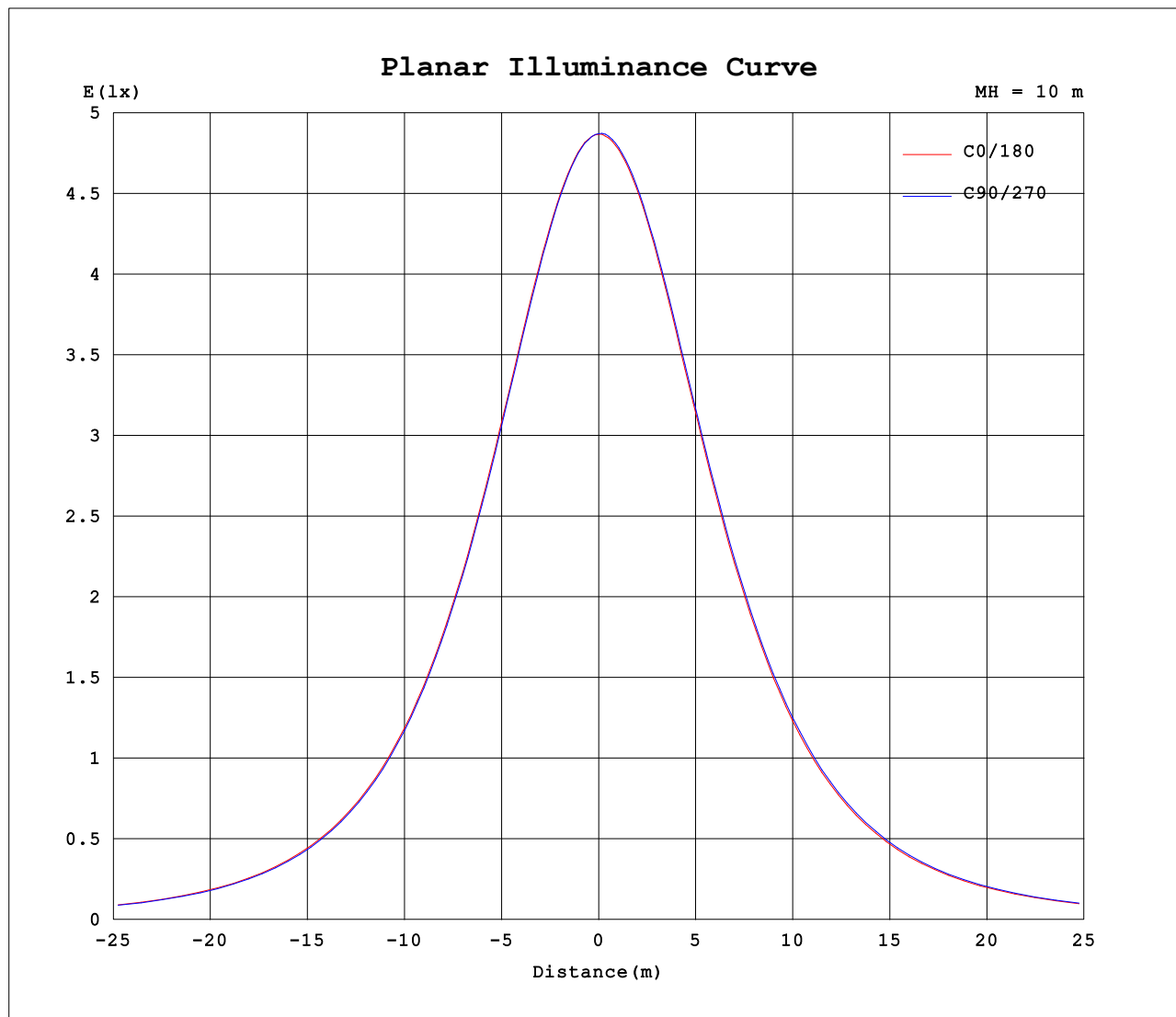
AvgL	cd/m2
L_0~180 (65) av	60377
L_0~180 (75) av	64961
L_0~180 (85) av	115277
L_90~270 (65) av	60606
L_90~270 (75) av	65271
L_90~270 (85) av	115078
L_45 (65) av	60537
L_45 (75) av	65213
L_45 (85) av	115369

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiFeng Shao
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:9.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LiFeng Shao
Test Date: 2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity: 65.0%
Test Distance: 9.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.09V I:0.2138A P:25.542W PF:0.9950 Freq:59.98Hz Lamp Flux:1720.5x1 lm		
NAME: ASD-LFMDR-MV-16D24CC-NK	TYPE:	WEIGHT:
SPEC.:50000K	DIM.: 16inch	SERIAL No.:5CCT-5000K
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:0

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	487	487	487	487	487	487	488	488	487	487	487	487	487	487	488	488			
5	484	484	484	484	484	484	484	485	485	486	487	487	487	487	487	487			
10	478	477	477	477	477	477	477	478	481	482	483	483	483	483	483	483			
15	468	467	466	466	466	466	466	467	473	473	475	475	475	474	475	475			
20	454	453	452	452	452	452	452	453	460	462	463	464	463	463	464	463			
25	437	435	433	434	434	434	434	435	444	446	448	448	448	448	449	447			
30	416	414	412	412	413	413	412	414	425	427	430	429	429	429	430	428			
35	392	390	387	388	388	389	388	390	402	404	407	407	407	407	408	406			
40	365	363	361	361	362	362	361	363	377	379	382	382	382	382	383	381			
45	336	333	331	331	332	331	331	333	348	351	354	354	354	354	355	352			
50	304	301	298	298	299	299	298	301	317	320	323	323	323	323	324	322			
55	269	266	263	264	264	265	263	266	283	287	290	290	290	290	291	288			
60	233	230	227	228	228	229	227	230	248	252	255	255	255	254	256	252			
65	196	193	190	191	192	192	190	194	212	215	219	218	218	217	219	216			
70	161	158	155	156	157	157	155	158	175	178	182	181	181	180	182	178			
75	127	125	123	124	125	125	124	126	142	144	147	146	146	145	146	143			
80	98.8	97.4	95.7	96.8	97.5	97.6	96.7	97.8	112	113	116	115	114	113	114	112			
85	74.5	74.1	72.5	73.9	74.2	74.5	73.6	74.7	86.2	87.7	89.0	87.5	86.2	85.4	86.6	85.4			
90	54.1	54.1	53.3	54.4	54.8	54.9	54.3	55.0	64.7	65.8	66.4	64.8	63.2	62.2	63.5	62.9			
95	39.0	39.8	39.7	41.2	41.6	41.8	41.2	41.5	47.6	47.9	47.9	46.1	44.7	43.9	44.9	44.7			
100	29.9	31.1	31.7	33.5	34.3	34.5	34.0	33.4	36.8	36.0	35.4	33.8	32.7	31.9	32.6	32.7			
105	25.8	27.5	28.8	30.7	31.7	32.0	31.6	30.4	30.9	29.8	28.7	27.3	26.0	25.4	26.1	26.5			
110	24.0	25.8	27.2	29.0	30.1	30.3	29.8	28.7	29.0	27.5	26.2	25.0	24.1	23.7	23.8	24.2			
115	22.1	23.8	25.3	27.1	28.1	28.3	27.8	26.7	27.0	25.5	24.3	23.2	22.3	21.9	22.0	22.4			
120	20.0	21.6	23.2	24.9	25.8	26.0	25.5	24.5	24.7	23.3	22.2	21.1	20.4	20.0	20.1	20.5			
125	17.6	19.2	20.7	22.2	23.2	23.4	22.8	21.9	22.2	20.9	19.8	18.8	18.2	18.0	18.0	18.3			
130	15.2	16.5	18.0	19.3	20.2	20.4	19.9	19.0	19.4	18.2	17.2	16.4	16.0	15.8	15.8	15.9			
135	12.6	13.7	15.0	16.2	16.9	17.1	16.7	15.8	16.4	15.3	14.5	13.8	13.5	13.5	13.4	13.5			
140	9.94	10.9	11.9	12.9	13.5	13.7	13.3	12.6	13.2	12.4	11.8	11.1	11.1	11.0	10.9	10.9			
145	7.60	8.17	8.84	9.57	10.1	10.2	9.93	9.35	9.94	9.36	8.92	8.58	8.66	8.67	8.56	8.50			
150	6.05	6.35	6.74	7.17	7.43	7.51	7.30	6.99	7.34	7.01	6.80	6.70	6.84	6.91	6.73	6.75			
155	4.81	4.90	5.04	5.35	5.56	5.60	5.43	5.27	5.73	5.50	5.38	5.44	5.37	5.48	5.38	5.41			
160	3.85	3.87	3.87	4.09	4.24	4.24	4.16	4.08	4.50	4.40	4.31	4.31	4.15	4.29	4.26	4.32			
165	3.31	3.32	3.34	3.43	3.57	3.58	3.59	3.50	3.74	3.67	3.57	3.51	3.41	3.44	3.52	3.58			
170	3.08	3.09	3.10	3.18	3.30	3.34	3.33	3.27	3.40	3.34	3.26	3.19	3.14	3.17	3.21	3.25			
175	2.74	2.69	2.72	2.83	2.96	3.03	3.05	3.03	3.15	3.11	3.05	2.97	2.93	2.95	2.98	3.00			
180	2.66	2.64	2.60	2.58	2.56	2.55	2.55	2.56	2.66	2.63	2.60	2.57	2.55	2.54	2.56	2.56			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:LiFeng Shao

Test Date:2025-12-01

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