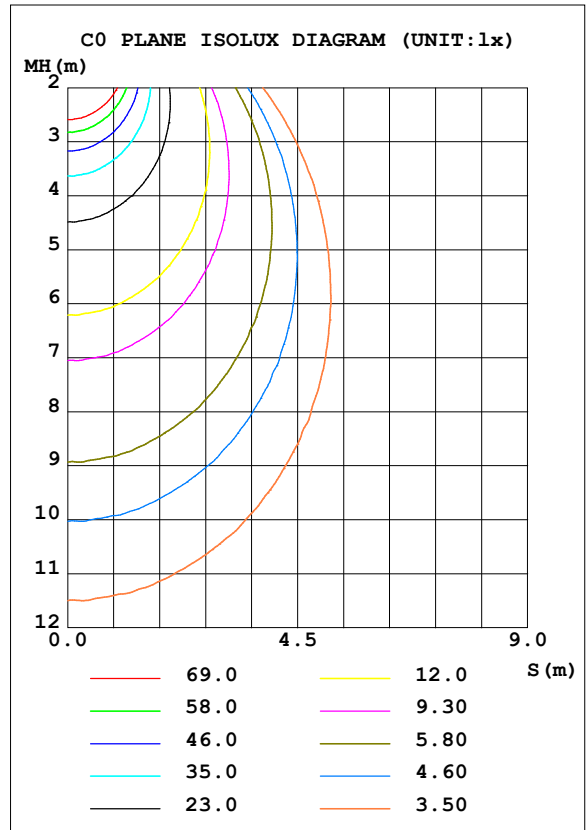
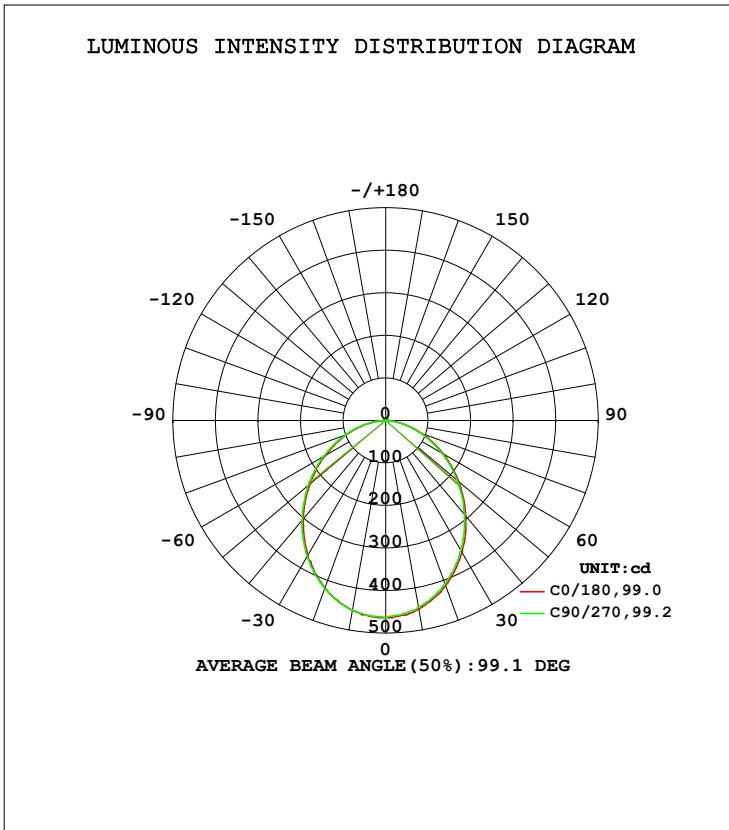


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.28 lm/W			
MODEL	ASD-JBR-GB-6D12BK	I _{max} (cd)	465.2	S/MH (C0/180)	1.18
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1156.7	η UP, DN (C0-180)	0.9, 47.9
NOMINAL FLUX (lm)	1156.68	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 50.4
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	98.3	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	450.4	447.3	445.2	448.8	452.6	455.6	452.8	450.0	0- 10	43.59	43.59	3.77,3.77
20	412.7	409.2	409.4	414.0	418.5	422.0	420.5	414.6	10- 20	122.6	166.2	14.4,14.4
30	359.8	353.9	353.2	361.3	365.8	370.2	368.8	361.9	20- 30	179.5	345.7	29.9,29.9
40	292.6	288.3	289.1	296.3	301.4	307.0	305.9	296.9	30- 40	206.5	552.2	47.7,47.7
50	224.3	219.9	219.7	227.7	233.3	238.6	237.6	228.4	40- 50	202.9	755.2	65.3,65.3
60	155.9	150.0	151.1	157.3	162.1	170.0	168.3	160.0	50- 60	173.7	928.8	80.3,80.3
70	91.59	85.84	86.83	93.49	97.89	104.7	102.3	95.52	60- 70	125.2	1054	91.1,91.1
80	34.14	30.72	29.11	37.21	36.15	44.47	43.59	37.92	70- 80	68.52	1123	97.1,97.1
90	2.394	2.418	2.398	2.404	1.343	1.557	1.443	1.389	80- 90	14.50	1137	98.3,98.3
100	2.621	2.667	2.650	2.656	1.754	1.707	1.733	1.762	90-100	2.206	1139	98.5,98.5
110	2.905	2.954	2.960	2.944	2.259	2.204	2.228	2.266	100-110	2.525	1142	98.7,98.7
120	3.195	3.237	3.260	3.247	2.788	2.718	2.765	2.815	110-120	2.775	1145	99,99
130	3.470	3.518	3.534	3.533	3.310	3.237	3.288	3.319	120-130	2.871	1147	99.2,99.2
140	3.804	3.872	3.873	3.852	3.824	3.748	3.801	3.830	130-140	2.793	1150	99.4,99.4
150	4.178	4.254	4.256	4.233	4.288	4.220	4.276	4.308	140-150	2.534	1153	99.7,99.7
160	4.577	4.619	4.637	4.609	4.710	4.627	4.688	4.678	150-160	2.055	1155	99.8,99.8
170	4.914	4.944	4.967	4.933	5.055	4.941	5.001	4.967	160-170	1.358	1156	100,100
180	5.153	5.099	5.152	5.113	5.167	5.113	5.144	5.113	170-180	0.4808	1157	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

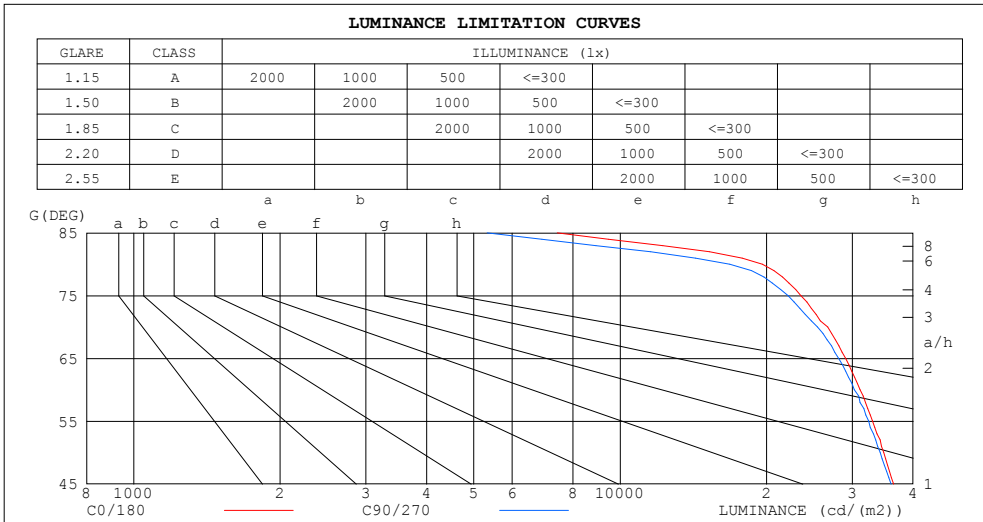
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7425	5330
80	19624	16797
75	23526	22143
70	26729	25440
65	29089	28105
60	31113	30276
55	33007	32404
50	34824	34258
45	36498	36037

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

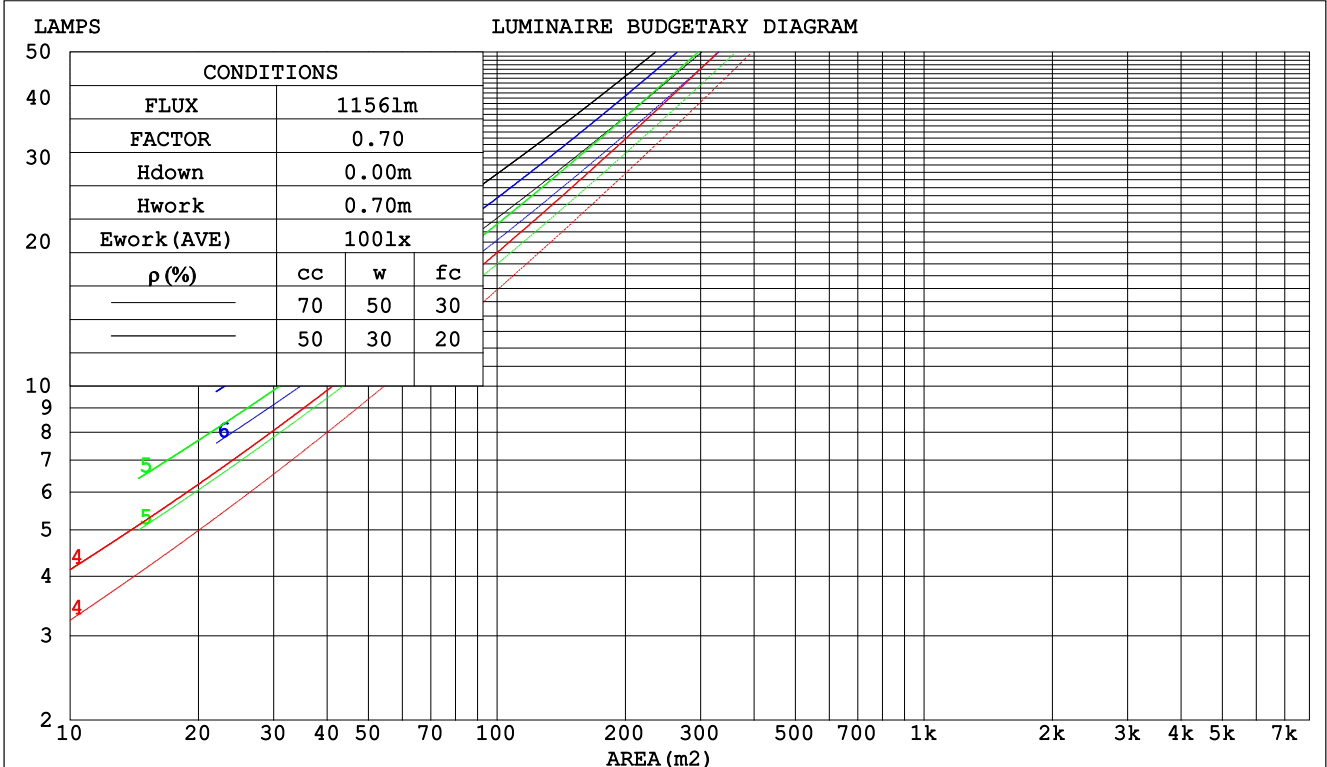
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

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															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.04	1.00	.97	1.02	.98	.95	.97	.94	.92	.93	.91	.89	.89	.87	.86	.83
2.0	.92	.85	.80	.90	.84	.78	.86	.81	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.63	.56	.68	.61	.55	.65	.59	.55	.63	.58	.54	.51
5.0	.64	.56	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.31
9.0	.45	.36	.31	.44	.36	.31	.43	.36	.31	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.37	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

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	.292	.166	.053	.284	.162	.052	.270	.155	.049	.257	.148	.048	.245	.142	.046	
2.0	.277	.152	.047	.271	.149	.046	.258	.144	.045	.247	.138	.043	.236	.134	.042	
3.0	.258	.137	.041	.252	.135	.041	.241	.131	.040	.231	.127	.039	.222	.123	.038	
4.0	.239	.124	.037	.234	.123	.036	.224	.119	.036	.215	.116	.035	.207	.112	.034	
5.0	.222	.113	.033	.218	.112	.033	.209	.109	.032	.201	.106	.031	.193	.103	.031	
6.0	.207	.104	.030	.203	.102	.029	.195	.100	.029	.187	.097	.029	.181	.095	.028	
7.0	.193	.095	.027	.189	.094	.027	.182	.092	.027	.176	.090	.026	.169	.088	.026	
8.0	.181	.088	.025	.177	.087	.025	.171	.085	.024	.165	.084	.024	.159	.082	.024	
9.0	.170	.082	.023	.167	.081	.023	.161	.080	.023	.156	.078	.022	.150	.076	.022	
10.0	.160	.077	.021	.157	.076	.021	.152	.074	.021	.147	.073	.021	.142	.072	.021	

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	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.192	.169	.149	.164	.145	.128	.112	.100	.089	.065	.058	.052	.021	.019	.017	
2.0	.183	.145	.113	.157	.125	.098	.108	.086	.068	.062	.050	.040	.020	.016	.013	
3.0	.175	.127	.089	.150	.110	.077	.103	.076	.054	.060	.045	.032	.019	.014	.010	
4.0	.168	.114	.073	.144	.099	.063	.099	.069	.045	.057	.040	.026	.018	.013	.009	
5.0	.160	.104	.062	.138	.090	.054	.095	.063	.038	.055	.037	.022	.018	.012	.007	
6.0	.153	.095	.053	.132	.082	.047	.091	.058	.033	.053	.034	.020	.017	.011	.006	
7.0	.147	.088	.047	.126	.076	.041	.087	.054	.029	.051	.032	.017	.016	.010	.006	
8.0	.140	.082	.043	.121	.071	.037	.084	.050	.026	.049	.030	.016	.016	.010	.005	
9.0	.134	.077	.039	.116	.067	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005	
10.0	.129	.073	.036	.111	.064	.032	.077	.045	.022	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm										
NAME: ASD-JBR-GB-6D12BK					TYPE:			WEIGHT:		
SPEC.:5000K					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp					SUR.:0.11			Shielding Angle:		
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	24.1	25.5	24.4	25.8	26.0	24.0	25.4	24.3	25.7	25.9
3H	25.4	26.7	25.7	27.0	27.2	25.2	26.6	25.6	26.8	27.1
4H	25.9	27.1	26.2	27.4	27.7	25.7	27.0	26.0	27.2	27.5
6H	26.2	27.4	26.5	27.7	28.0	26.0	27.2	26.3	27.5	27.8
8H	26.2	27.4	26.6	27.7	28.0	26.0	27.1	26.3	27.4	27.8
12H	26.2	27.3	26.6	27.6	28.0	25.9	27.0	26.3	27.4	27.7
4H 2H	24.6	25.8	24.9	26.1	26.4	24.5	25.8	24.8	26.0	26.3
3H	26.0	27.1	26.4	27.5	27.8	25.9	27.0	26.3	27.4	27.7
4H	26.6	27.6	27.0	28.0	28.4	26.5	27.5	26.9	27.8	28.2
6H	27.1	27.9	27.5	28.3	28.7	26.9	27.7	27.3	28.1	28.5
8H	27.1	28.0	27.6	28.4	28.8	26.9	27.7	27.3	28.1	28.5
12H	27.1	27.9	27.6	28.3	28.7	26.9	27.6	27.3	28.0	28.5
8H 4H	26.8	27.6	27.2	28.0	28.5	26.7	27.5	27.1	27.9	28.3
6H	27.3	28.0	27.8	28.5	28.9	27.1	27.8	27.6	28.3	28.7
8H	27.5	28.1	28.0	28.5	29.0	27.2	27.8	27.7	28.3	28.8
12H	27.5	28.0	28.0	28.5	29.0	27.2	27.7	27.7	28.2	28.7
12H 4H	26.8	27.6	27.2	28.0	28.4	26.7	27.4	27.1	27.8	28.3
6H	27.4	28.0	27.8	28.4	28.9	27.2	27.8	27.7	28.2	28.7
8H	27.5	28.0	28.0	28.5	29.0	27.3	27.8	27.8	28.3	28.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 1157 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

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	59	48	41	58	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	78	67	60	76	66	60	74	67	59	52
1.25	84	74	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	84	77	71	64
2.00	96	88	82	94	86	81	90	84	79	71
2.50	100	92	86	97	91	85	93	88	83	75
3.00	103	96	91	101	95	90	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

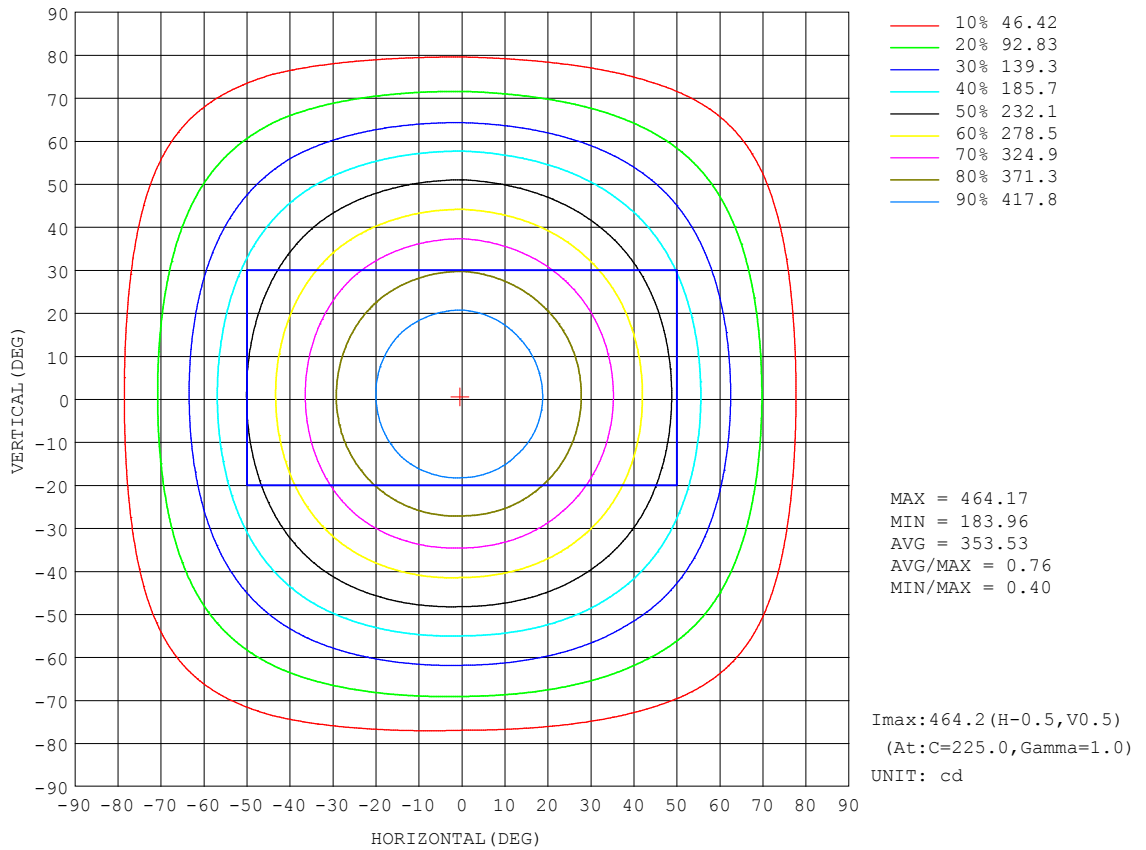
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:



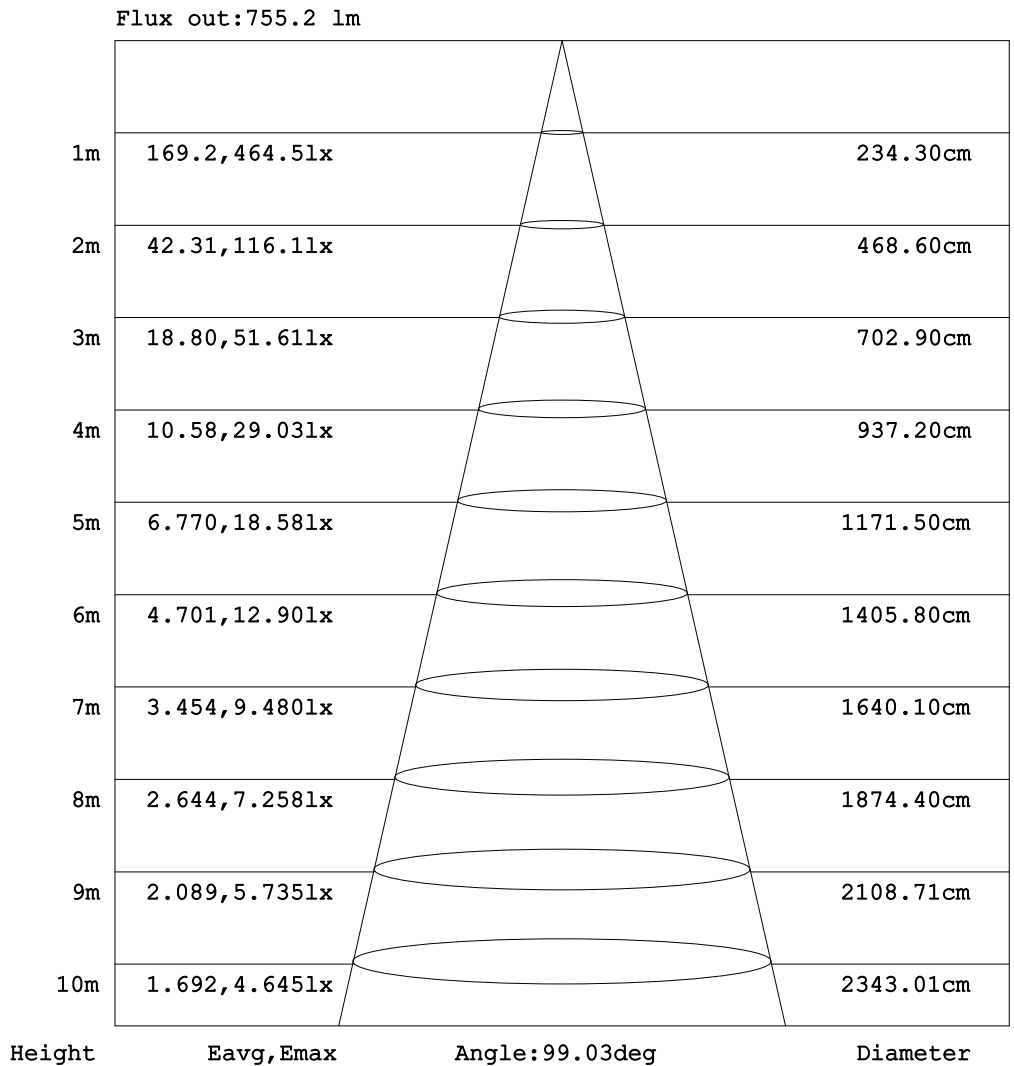
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:



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

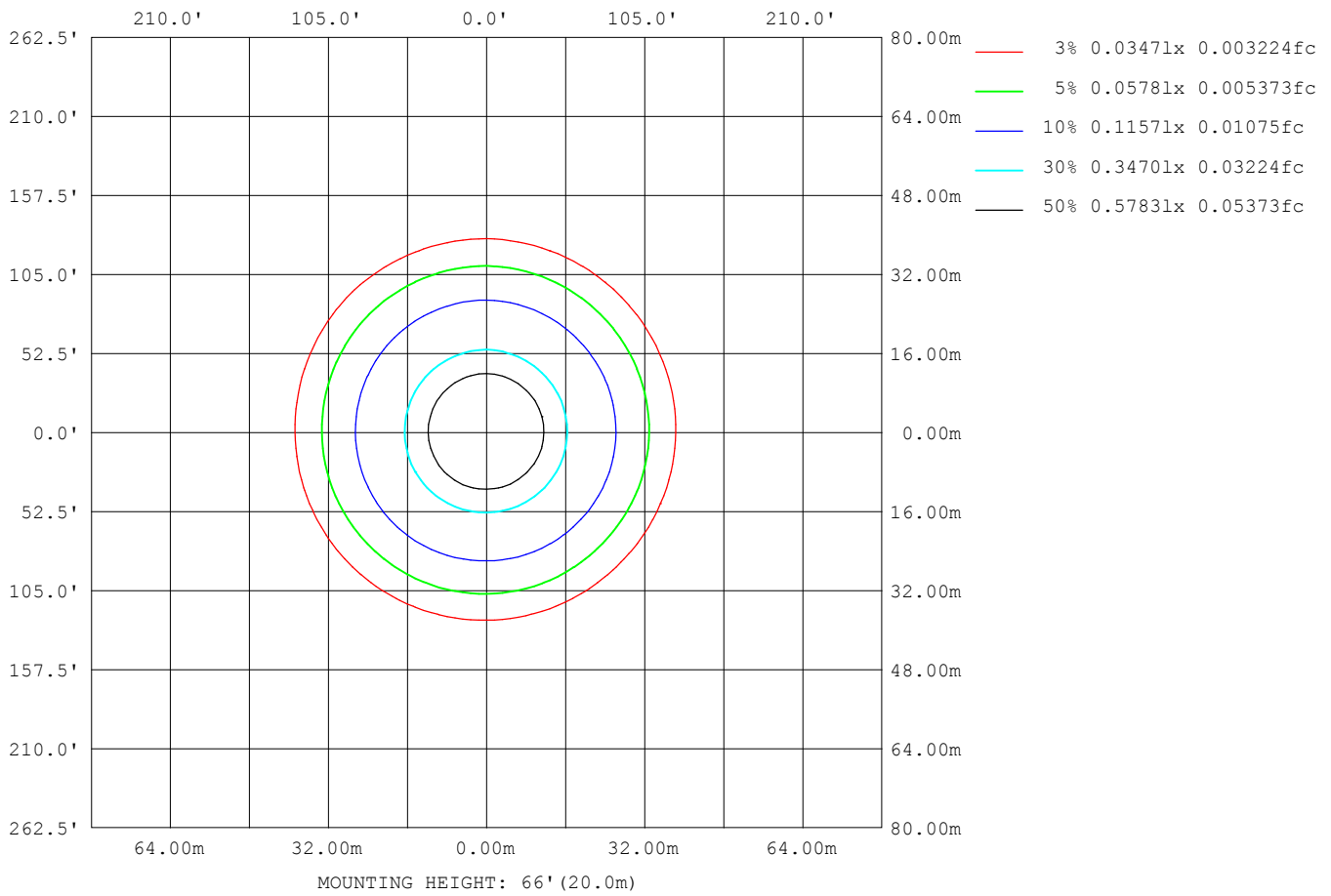
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

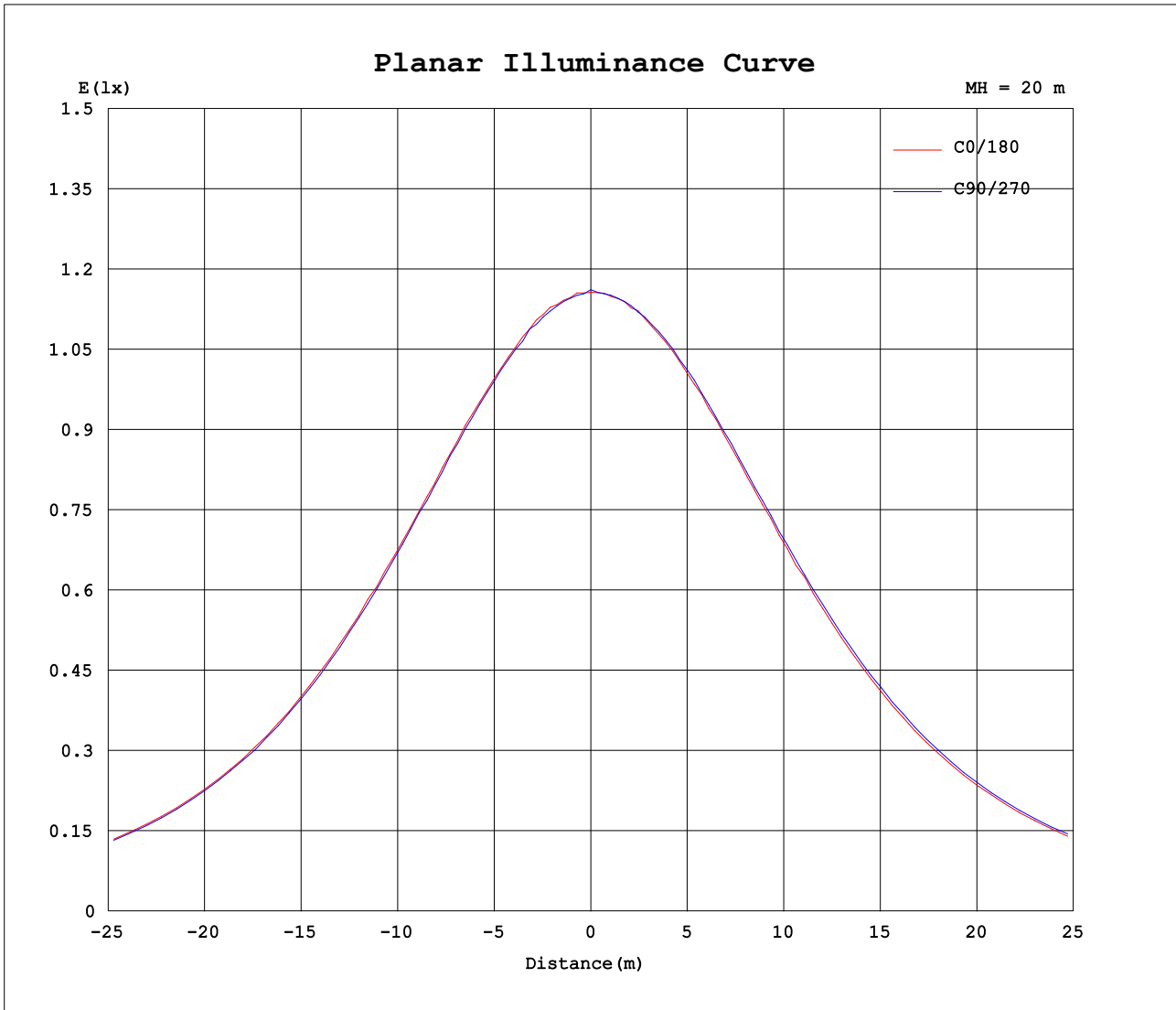
AvgL	cd/m2
L_0~180 (65) av	29897
L_0~180 (75) av	24912
L_0~180 (85) av	7432
L_90~270 (65) av	29940
L_90~270 (75) av	24942
L_90~270 (85) av	9086
L_45 (65) av	29920
L_45 (75) av	24954
L_45 (85) av	13973

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.074m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.074m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.10V I:0.0940A P:11.200W PF:0.9850 Freq:60.00Hz Lamp Flux:1156.68x1 lm		
NAME: ASD-JBR-GB-6D12BK	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.11	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315											
0	464	464	464	464	464	464	464	464											
5	459	458	457	459	462	462	460	458											
10	450	447	445	449	453	456	453	450											
15	433	431	430	434	438	441	440	435											
20	413	409	409	414	418	422	421	415											
25	387	385	383	389	395	398	397	389											
30	360	354	353	361	366	370	369	362											
35	327	321	321	330	335	340	338	329											
40	293	288	289	296	301	307	306	297											
45	259	254	254	262	267	273	272	263											
50	224	220	220	228	233	239	238	228											
55	190	186	185	194	199	204	203	194											
60	156	150	151	157	162	170	168	160											
65	123	117	119	125	130	137	135	127											
70	91.6	85.8	86.8	93.5	97.9	105	102	95.5											
75	61.0	57.0	57.2	64.1	67.9	72.5	71.9	64.8											
80	34.1	30.7	29.1	37.2	36.1	44.5	43.6	37.9											
85	6.48	7.45	4.64	11.8	6.47	16.7	11.2	12.7											
90	2.39	2.42	2.40	2.40	1.34	1.56	1.44	1.39											
95	2.48	2.53	2.53	2.51	1.53	1.49	1.51	1.54											
100	2.62	2.67	2.65	2.66	1.75	1.71	1.73	1.76											
105	2.75	2.80	2.80	2.79	2.00	1.95	1.97	2.02											
110	2.91	2.95	2.96	2.94	2.26	2.20	2.23	2.27											
115	3.06	3.09	3.10	3.10	2.53	2.45	2.49	2.54											
120	3.19	3.24	3.26	3.25	2.79	2.72	2.77	2.82											
125	3.33	3.37	3.40	3.40	3.05	2.98	3.03	3.07											
130	3.47	3.52	3.53	3.53	3.31	3.24	3.29	3.32											
135	3.63	3.68	3.69	3.68	3.57	3.50	3.57	3.59											
140	3.80	3.87	3.87	3.85	3.82	3.75	3.80	3.83											
145	4.00	4.07	4.06	4.05	4.06	3.99	4.04	4.07											
150	4.18	4.25	4.26	4.23	4.29	4.22	4.28	4.31											
155	4.37	4.45	4.45	4.45	4.51	4.43	4.49	4.50											
160	4.58	4.62	4.64	4.61	4.71	4.63	4.69	4.68											
165	4.75	4.78	4.81	4.79	4.89	4.81	4.86	4.84											
170	4.91	4.94	4.97	4.93	5.05	4.94	5.00	4.97											
175	5.07	5.05	5.08	5.04	5.14	5.06	5.10	5.07											
180	5.15	5.10	5.15	5.11	5.17	5.11	5.14	5.11											

C Range: 0 - 360DEG
 C Interval: 45.0DEG
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 Operators:DAMIN
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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 Remarks: