

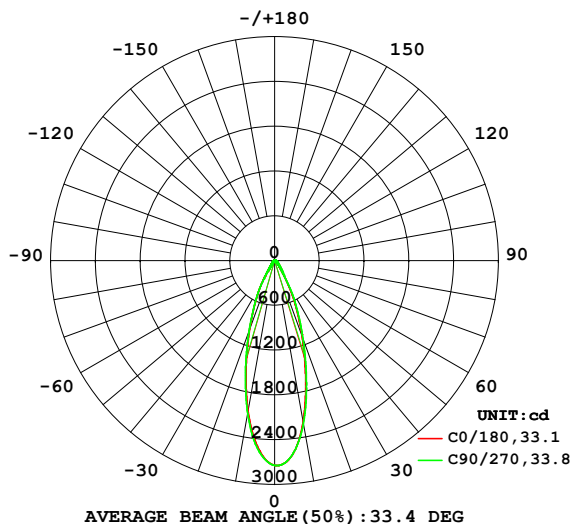
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

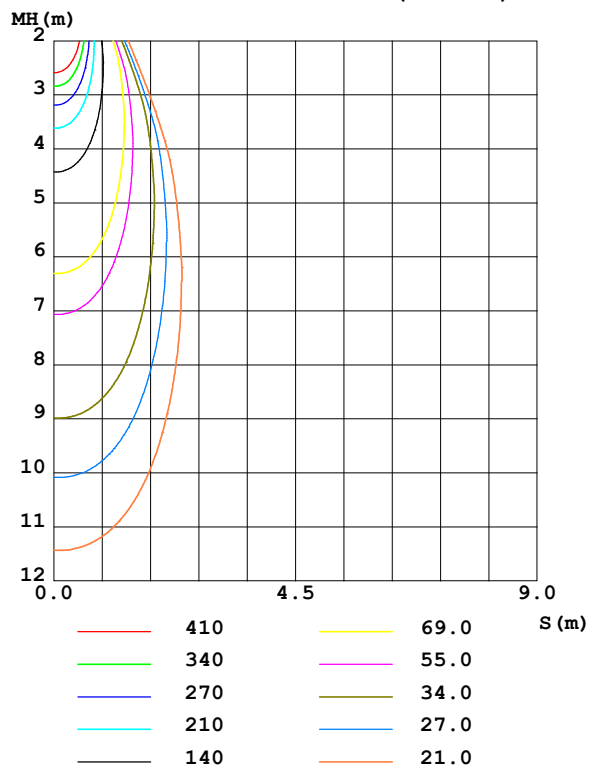
Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.89 lm/W			
MODEL	ASD-CD-PR-2D15AC-WH	I _{max} (cd)	2753	S/MH (C0/180)	0.52
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.54
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1176.2	η UP, DN (C0-180)	0.4, 51.3
NOMINAL FLUX (lm)	1176.23	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 48.0
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	η down (%)	99.3	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.3 °C
Operators:
Test Date: 2026-01-07

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity: 65.0%
Test Distance: 3.087m [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	2201	2197	2222	2179	2055	2016	2085	2172	0- 10	232.0	232.0	19.7,19.7
20	1080	1070	1115	1080	986.2	939.3	1004	1081	10- 20	429.4	661.4	56.2,56.2
30	338.5	341.1	370.0	359.3	328.7	306.0	320.5	325.0	20- 30	298.0	959.4	81.6,81.6
40	80.29	79.92	83.79	83.93	80.15	77.74	79.38	79.72	30- 40	101.7	1061	90.2,90.2
50	43.46	43.48	44.35	44.93	44.34	43.88	43.59	43.33	40- 50	44.17	1105	94,94
60	26.16	25.97	26.27	26.90	27.25	27.11	26.79	26.43	50- 60	30.33	1136	96.6,96.6
70	14.21	15.35	15.92	16.30	14.63	16.05	15.82	15.71	60- 70	21.09	1157	98.3,98.3
80	2.354	2.417	5.340	3.390	2.353	3.851	5.313	4.603	70- 80	9.926	1167	99.2,99.2
90	0.1700	0.2506	0.2380	0.1442	0.1126	0.1212	0.1234	0.1241	80- 90	1.085	1168	99.3,99.3
100	0.1691	0.1839	0.1750	0.1714	0.1606	0.1500	0.1673	0.1644	90-100	0.1532	1168	99.3,99.3
110	0.2634	0.2691	0.2666	0.2489	0.2306	0.2262	0.2550	0.2474	100-110	0.2167	1168	99.3,99.3
120	0.3930	0.3858	0.3922	0.3749	0.3245	0.3304	0.3673	0.3577	110-120	0.2986	1168	99.3,99.3
130	0.7903	0.7362	0.7748	0.7629	0.6372	0.6472	0.7228	0.7016	120-130	0.4459	1169	99.4,99.4
140	2.096	1.913	1.991	2.007	1.762	1.780	1.967	1.875	130-140	0.9351	1170	99.5,99.5
150	4.877	4.190	4.107	4.024	3.853	3.869	4.237	4.121	140-150	1.854	1172	99.6,99.6
160	7.153	6.070	5.759	5.382	5.298	5.483	5.834	5.848	150-160	2.373	1174	99.8,99.8
170	6.352	6.098	5.605	5.115	5.002	5.352	5.596	6.063	160-170	1.670	1176	100,100
180	5.282	5.437	5.111	5.320	5.284	5.448	5.113	5.322	170-180	0.5159	1176	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

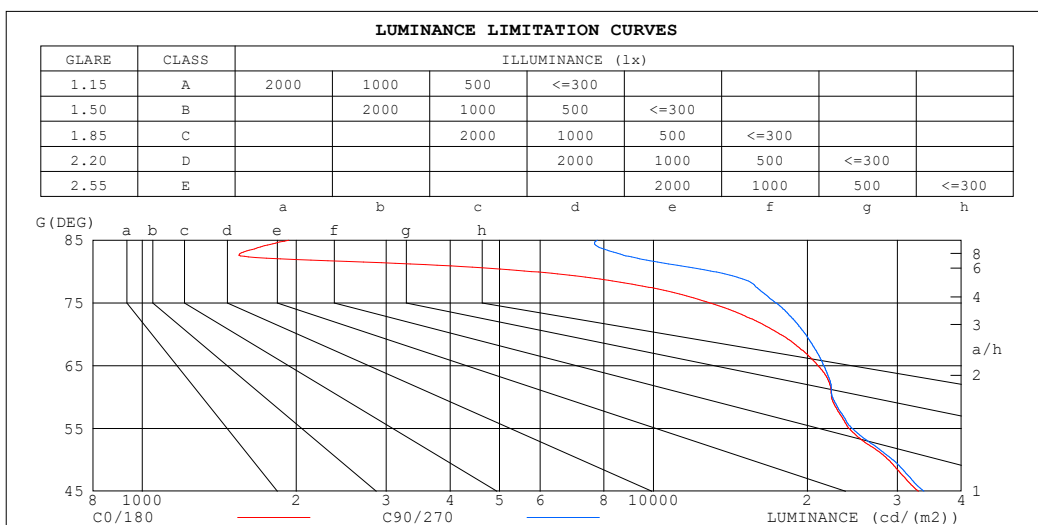
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-01-07

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1958	7894
80	6020	13411
75	13073	17546
70	17863	19957
65	21118	21652
60	22382	22484
55	24240	24607
50	28952	29558
45	33151	34010

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
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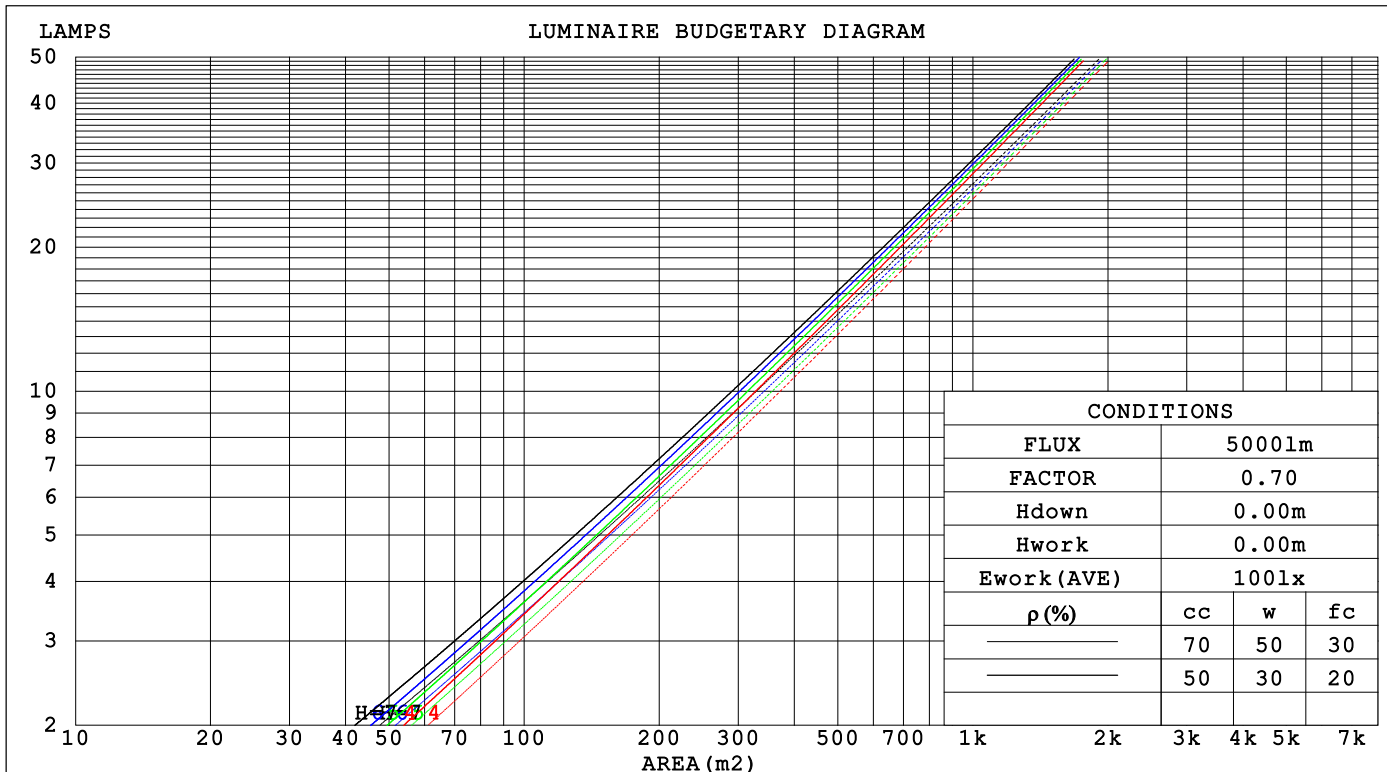
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 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	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			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	.90	.97	1.02	.99	.96	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.78	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
9.0	.72	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.66	.63	.60	.59



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-01-07

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH			TYPE:			WEIGHT:		
SPEC.: 5000K			DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp			SUR.:			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	.171	.097	.031	.164	.094	.030	.151	.087	.028	.139	.080	.026	.128	.074	.024		
2.0	.162	.089	.027	.156	.086	.026	.145	.081	.025	.135	.076	.024	.126	.071	.022		
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.129	.071	.022	.121	.067	.021		
4.0	.143	.074	.022	.139	.073	.021	.131	.069	.021	.124	.066	.020	.117	.063	.019		
5.0	.135	.069	.020	.131	.068	.020	.125	.065	.019	.118	.062	.019	.112	.060	.018		
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.113	.059	.017	.108	.057	.017		
7.0	.121	.060	.017	.119	.059	.017	.113	.057	.016	.108	.056	.016	.104	.054	.016		
8.0	.116	.057	.016	.113	.056	.016	.108	.054	.015	.104	.053	.015	.100	.051	.015		
9.0	.110	.053	.015	.108	.053	.015	.104	.051	.015	.100	.050	.014	.096	.049	.014		
10.0	.106	.051	.014	.104	.050	.014	.100	.049	.014	.096	.048	.014	.093	.047	.013		

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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.176	.163	.151	.151	.140	.130	.103	.096	.090	.059	.056	.052	.019	.018	.017		
2.0	.160	.138	.119	.137	.119	.103	.094	.082	.072	.054	.048	.042	.017	.015	.014		
3.0	.147	.119	.097	.126	.103	.084	.087	.071	.059	.050	.042	.035	.016	.014	.011		
4.0	.136	.104	.080	.117	.090	.069	.080	.063	.049	.047	.037	.029	.015	.012	.009		
5.0	.127	.092	.067	.109	.080	.058	.075	.056	.041	.044	.033	.024	.014	.011	.008		
6.0	.119	.083	.057	.102	.072	.050	.070	.050	.035	.041	.030	.021	.013	.010	.007		
7.0	.112	.075	.049	.096	.065	.043	.066	.046	.031	.039	.027	.018	.012	.009	.006		
8.0	.106	.069	.043	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005		
9.0	.100	.063	.038	.086	.055	.033	.060	.039	.024	.035	.023	.014	.011	.007	.005		
10.0	.096	.059	.034	.082	.051	.030	.057	.036	.021	.033	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-01-07

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz										
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm										
NAME: ASD-CD-PR-2D15AC-WH						TYPE:			WEIGHT:	
SPEC.: 5000K						DIM.:			SERIAL No.:	
MFR.: ASD Lighting Corp						SUR.:			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	19.1	20.0	19.3	20.1	20.3	19.2	20.1	19.5	20.3	20.4
3H	19.9	20.7	20.2	20.9	21.1	20.1	20.9	20.3	21.1	21.3
4H	20.1	20.9	20.4	21.1	21.3	20.4	21.2	20.7	21.4	21.6
6H	20.1	20.8	20.4	21.1	21.3	20.6	21.3	20.9	21.5	21.8
8H	20.1	20.8	20.4	21.0	21.3	20.6	21.3	20.9	21.5	21.8
12H	20.0	20.7	20.4	21.0	21.3	20.6	21.2	20.9	21.5	21.8
4H 2H	19.4	20.2	19.7	20.4	20.6	19.5	20.3	19.8	20.5	20.7
3H	20.4	21.0	20.7	21.3	21.6	20.6	21.2	20.9	21.5	21.8
4H	20.6	21.2	21.0	21.6	21.9	21.0	21.5	21.3	21.9	22.2
6H	20.7	21.2	21.1	21.6	21.9	21.2	21.7	21.6	22.0	22.4
8H	20.6	21.1	21.1	21.5	21.9	21.2	21.7	21.6	22.0	22.4
12H	20.6	21.0	21.0	21.4	21.8	21.2	21.6	21.6	22.0	22.4
8H 4H	20.7	21.2	21.1	21.6	21.9	21.0	21.5	21.4	21.8	22.2
6H	20.8	21.2	21.2	21.6	22.0	21.2	21.6	21.7	22.0	22.5
8H	20.7	21.1	21.2	21.5	22.0	21.3	21.6	21.7	22.1	22.5
12H	20.7	21.0	21.1	21.4	21.9	21.3	21.6	21.7	22.0	22.5
12H 4H	20.7	21.1	21.1	21.5	21.9	20.9	21.4	21.4	21.8	22.2
6H	20.7	21.1	21.2	21.5	22.0	21.2	21.5	21.6	22.0	22.4
8H	20.7	21.0	21.2	21.4	21.9	21.2	21.5	21.7	22.0	22.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.7 / - 0.8					+ 0.7 / - 0.7				
1.5H	+ 1.1 / - 0.5					+ 1.2 / - 0.5				
2.0H	+ 0.8 / - 0.6					+ 0.8 / - 0.5				

CIE Pub.117, 1176 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.6$)
 Area: 0.0023468 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-01-07

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	98	94	91	87
1.50	105	99	96	103	99	95	101	97	94	89
2.00	107	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	104	109	106	103	106	103	101	94
4.00	113	110	108	111	109	106	107	105	104	96
5.00	115	112	110	112	110	108	108	107	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

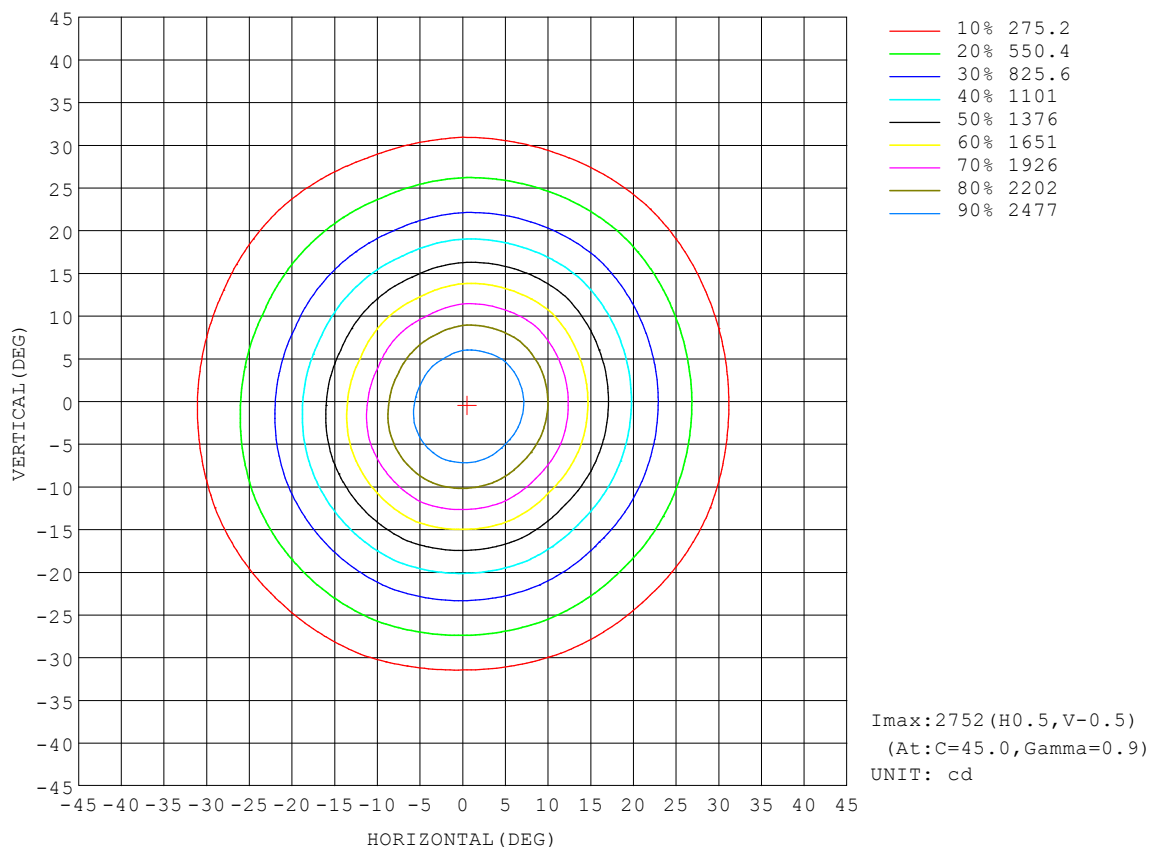
C Range: 0 - 360DEG
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 Temperature: 24.3 °C
 Operators:
 Test Date: 2026-01-07

γ Range: 0 - 180DEG
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 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

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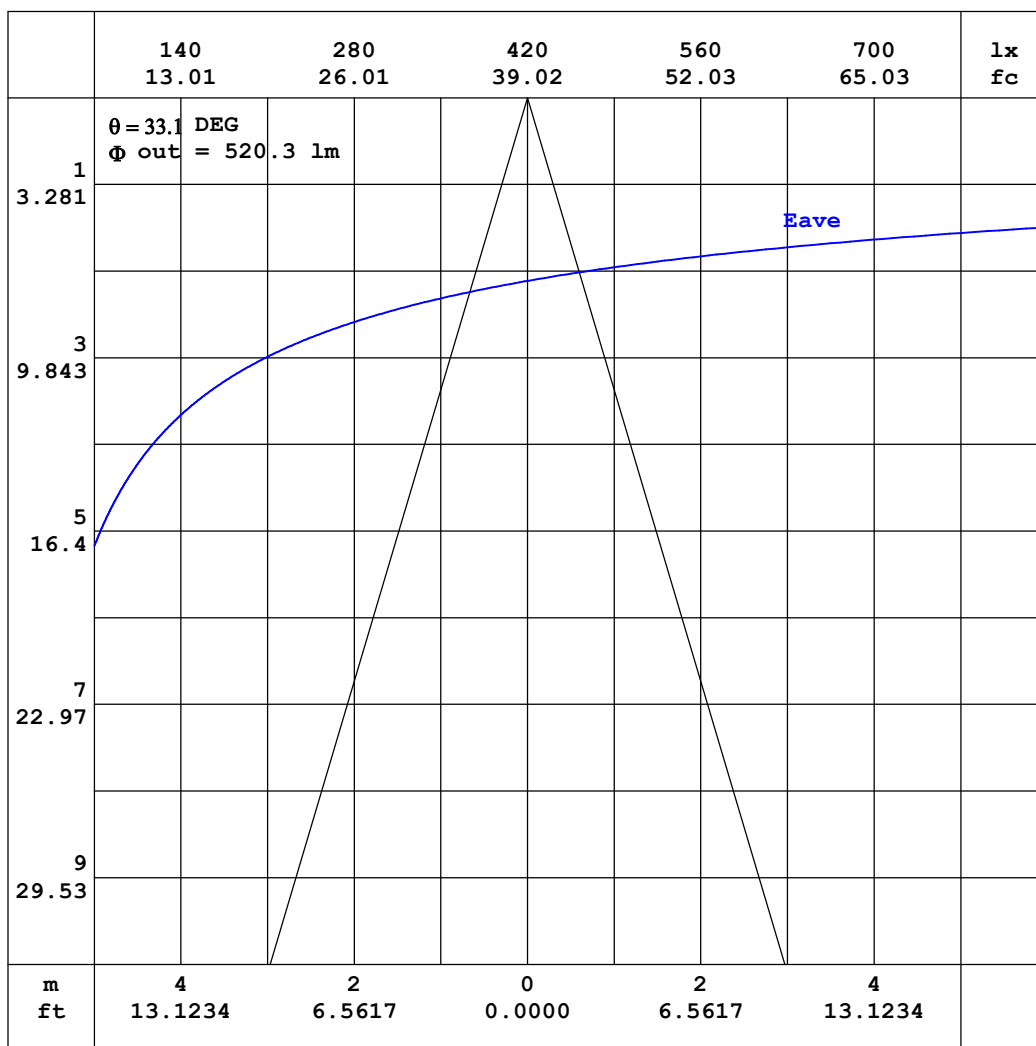
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Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI CURVES

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



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

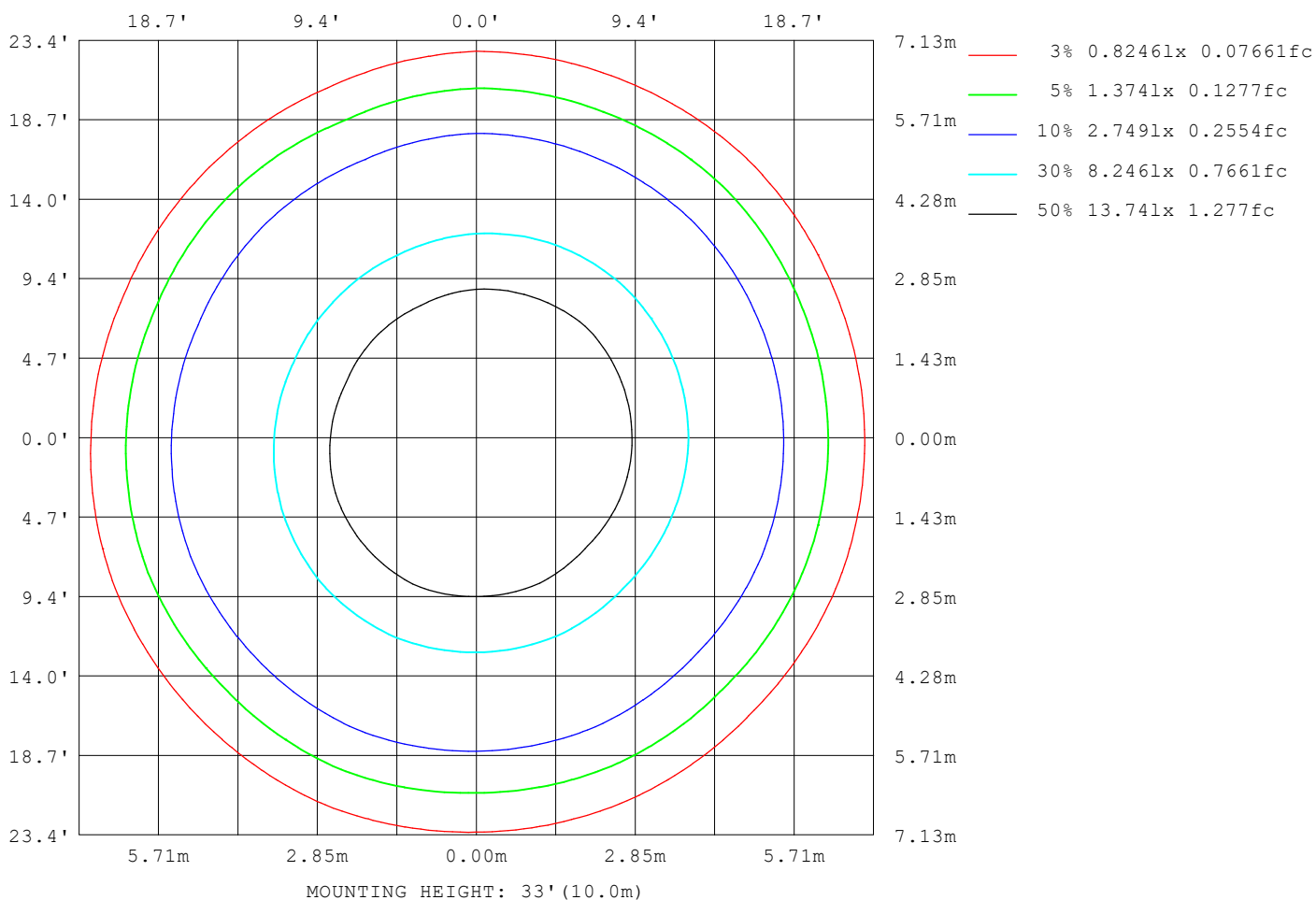
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-01-07

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators:
Test Date: 2026-01-07

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity: 65.0%
Test Distance: 3.087m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

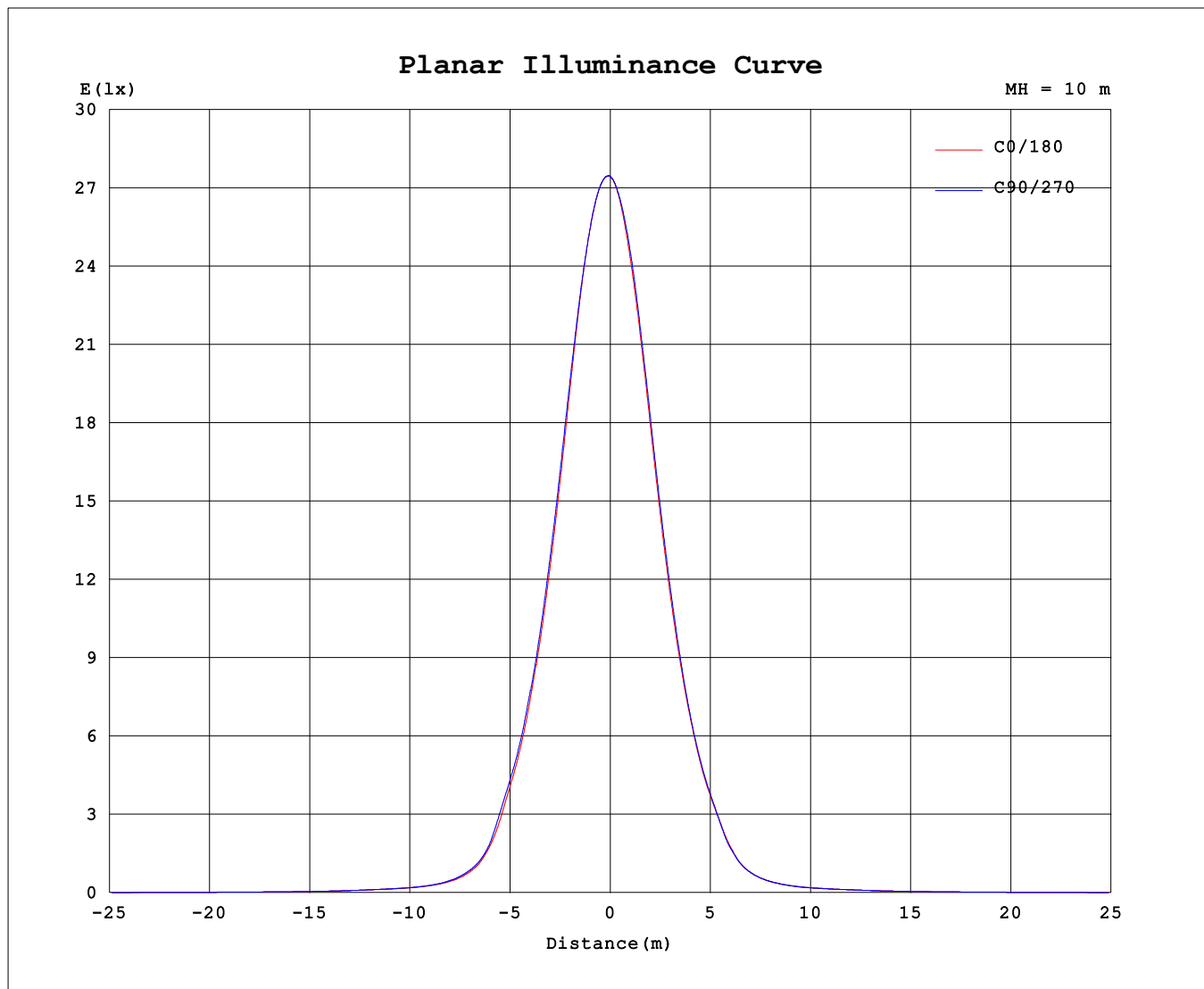
AvgL	cd/m2
L_0~180 (65) av	21423
L_0~180 (75) av	13054
L_0~180 (85) av	1596
L_90~270 (65) av	21610
L_90~270 (75) av	17124
L_90~270 (85) av	7761
L_45 (65) av	21677
L_45 (75) av	15697
L_45 (85) av	1584

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-01-07

γ Range: 0 - 180DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
Humidity:65.0%
Test Distance:3.087m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2026-01-07

γ Range: 0 - 180DEG
 γ Interval: 0.1DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.05V I:0.1094A P:12.942W PF:0.9858 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1176.23x1 lm		
NAME: ASD-CD-PR-2D15AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

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	2743	2744	2747	2745	2744	2742	2742	2742	2743	2744	2747	2745	2744	2742	2742	2742			
5	2634	2641	2637	2641	2632	2619	2595	2565	2530	2508	2514	2522	2553	2569	2597	2614			
10	2213	2215	2209	2228	2233	2229	2189	2136	2068	2013	2028	2031	2095	2128	2182	2200			
15	1623	1632	1622	1663	1665	1674	1619	1565	1491	1436	1446	1460	1524	1564	1622	1617			
20	1089	1085	1078	1119	1126	1133	1090	1051	995	951	948	964	1013	1063	1091	1088			
25	677	680	674	704	710	715	685	657	615	579	581	586	626	647	672	670			
30	344	354	348	371	377	391	366	356	334	313	312	306	326	326	331	332			
35	149	152	150	158	160	166	159	154	143	135	134	135	145	145	150	146			
40	81.1	81.7	80.7	83.1	84.9	86.8	85.0	83.8	80.9	78.6	78.4	78.2	80.1	79.5	80.5	79.8			
45	55.0	55.4	55.3	56.2	56.4	57.3	56.7	56.8	55.5	55.0	54.9	54.3	54.4	53.9	54.2	54.2			
50	43.7	43.9	43.7	44.4	44.6	45.3	45.1	45.1	44.6	44.0	44.1	43.7	43.8	43.5	43.5	43.2			
55	32.6	32.7	32.5	32.9	33.1	33.8	33.9	34.2	34.0	33.7	33.7	33.3	33.4	33.0	32.8	32.5			
60	26.3	26.2	26.1	26.3	26.4	26.9	27.0	27.4	27.3	27.2	27.2	26.9	26.9	26.6	26.5	26.2			
65	20.9	21.2	21.2	21.3	21.5	21.9	22.0	22.2	21.8	21.9	21.9	21.7	21.6	21.4	21.3	21.2			
70	14.3	14.8	15.5	15.7	16.0	16.5	16.4	15.5	14.8	15.1	16.2	16.0	15.9	15.8	15.8	14.8			
75	7.94	8.10	8.59	9.28	10.7	11.4	9.93	8.76	8.15	8.53	9.76	10.3	10.4	10.7	10.4	8.70			
80	2.45	2.47	2.51	3.79	5.47	4.73	3.50	2.85	2.45	2.80	3.95	4.61	5.40	5.43	4.72	3.31			
85	0.40	0.40	0.49	1.12	1.61	0.28	0.23	0.25	0.26	0.24	0.31	0.67	1.63	0.95	0.31	0.32			
90	0.17	0.20	0.25	0.30	0.24	0.21	0.14	0.13	0.11	0.11	0.12	0.13	0.12	0.12	0.13	0.13			
95	0.14	0.16	0.14	0.17	0.15	0.14	0.13	0.13	0.12	0.12	0.11	0.12	0.13	0.12	0.12	0.14			
100	0.17	0.16	0.18	0.18	0.18	0.16	0.17	0.15	0.16	0.14	0.15	0.15	0.17	0.16	0.16	0.15			
105	0.22	0.22	0.22	0.21	0.22	0.21	0.21	0.20	0.20	0.19	0.18	0.20	0.21	0.20	0.19	0.20			
110	0.26	0.25	0.27	0.26	0.27	0.26	0.25	0.24	0.23	0.23	0.23	0.24	0.25	0.25	0.25	0.24			
115	0.32	0.31	0.33	0.31	0.32	0.31	0.30	0.29	0.27	0.27	0.27	0.29	0.30	0.30	0.30	0.29			
120	0.39	0.38	0.38	0.38	0.39	0.38	0.37	0.37	0.32	0.33	0.33	0.35	0.37	0.36	0.36	0.36			
125	0.53	0.50	0.50	0.49	0.51	0.50	0.50	0.49	0.41	0.42	0.43	0.45	0.47	0.47	0.46	0.46			
130	0.78	0.75	0.73	0.73	0.77	0.75	0.76	0.75	0.63	0.64	0.64	0.67	0.72	0.72	0.69	0.69			
135	1.28	1.20	1.17	1.17	1.23	1.21	1.22	1.25	1.04	1.07	1.05	1.12	1.17	1.18	1.13	1.12			
140	2.08	1.96	1.89	1.87	1.97	1.93	1.99	2.04	1.75	1.80	1.76	1.86	1.95	1.94	1.86	1.85			
145	3.31	3.11	2.93	2.85	2.99	2.91	2.97	3.10	2.71	2.79	2.76	2.89	3.05	2.99	2.89	2.96			
150	4.85	4.56	4.17	3.99	4.09	3.97	4.01	4.30	3.83	4.00	3.85	4.03	4.22	4.15	4.10	4.36			
155	6.34	5.97	5.36	5.07	5.09	4.90	4.86	5.21	4.91	5.07	4.86	5.04	5.24	5.21	5.22	5.66			
160	7.14	6.79	6.06	5.87	5.75	5.45	5.38	5.41	5.30	5.55	5.47	5.61	5.83	5.96	5.84	6.40			
165	7.16	6.94	6.28	6.01	5.81	5.49	5.43	5.39	5.32	5.62	5.71	5.65	5.79	5.95	6.02	6.58			
170	6.37	6.21	6.10	5.78	5.61	5.31	5.11	4.88	5.01	5.02	5.35	5.56	5.60	5.79	6.06	6.01			
175	5.86	5.95	5.72	5.34	5.21	5.03	5.04	4.67	4.77	4.71	5.19	5.25	5.23	5.31	5.68	5.69			
180	5.30	5.22	5.45	5.10	5.11	5.03	5.32	5.08	5.27	5.19	5.44	5.07	5.11	5.05	5.32	5.10			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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