

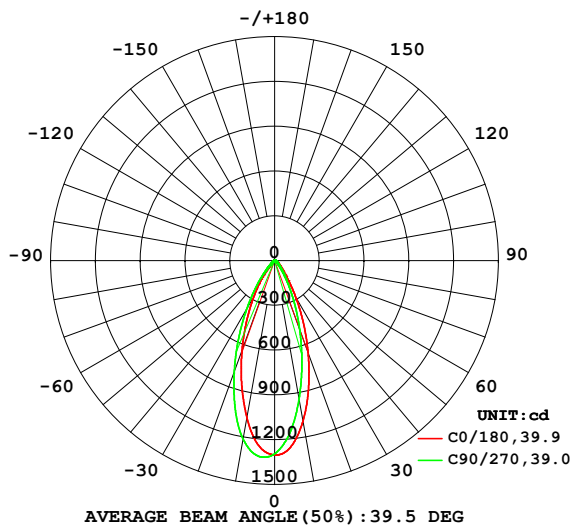
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

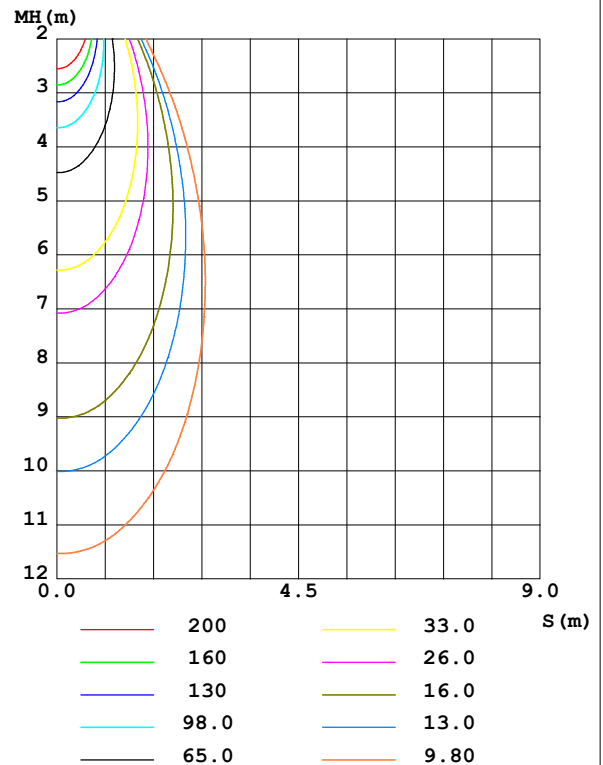
Test:U:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.35 lm/W			
MODEL	ASD-CD-TG-2D8AC-WH	I _{max} (cd)	1319	S/MH (C0/180)	0.63
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	729.01	η UP, DN (C0-180)	0.4, 42.6
NOMINAL FLUX (lm)	729.009	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 56.7
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	η down (%)	99.3	CIBSE SHR MAX	0.70

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: 2026-01-08

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	1095	1002	944.7	984.7	1070	1157	1216	1191	0- 10	113.4	113.4	15.6,15.6
20	658.7	560.3	495.1	526.0	639.9	733.0	792.9	764.6	10- 20	238.9	352.3	48.3,48.3
30	286.8	224.9	182.9	190.6	279.6	348.2	375.7	374.2	20- 30	204.3	556.6	76.3,76.3
40	82.58	69.12	48.57	50.60	81.70	106.1	118.5	124.7	30- 40	103.5	660.1	90.6,90.6
50	26.36	23.28	19.32	19.63	24.18	28.12	32.55	33.19	40- 50	36.58	696.7	95.6,95.6
60	12.05	11.50	9.837	9.296	10.55	11.96	13.05	12.95	50- 60	15.28	712.0	97.7,97.7
70	6.066	5.625	4.466	4.073	4.796	5.792	6.445	6.307	60- 70	8.034	720.0	98.8,98.8
80	1.570	1.234	1.456	1.288	1.342	1.512	1.625	1.692	70- 80	3.125	723.2	99.2,99.2
90	0.0826	0.0974	0.0788	0.0720	0.0671	0.0610	0.1005	0.0617	80- 90	0.6074	723.8	99.3,99.3
100	0.0996	0.0888	0.0922	0.0911	0.0854	0.0791	0.0805	0.0698	90-100	0.0807	723.8	99.3,99.3
110	0.1454	0.1369	0.1563	0.1458	0.1258	0.1195	0.1195	0.1043	100-110	0.1117	724.0	99.3,99.3
120	0.2552	0.2894	0.3316	0.3263	0.2292	0.2038	0.1861	0.1762	110-120	0.1768	724.1	99.3,99.3
130	0.6382	0.7631	0.8592	0.8300	0.5576	0.4575	0.3996	0.3979	120-130	0.3545	724.5	99.4,99.4
140	1.554	1.763	1.926	1.755	1.295	1.087	0.9976	1.027	130-140	0.7488	725.2	99.5,99.5
150	2.988	3.012	3.063	2.728	2.267	2.057	2.009	2.111	140-150	1.228	726.5	99.7,99.7
160	3.866	3.494	3.467	3.105	2.817	2.759	2.846	2.957	150-160	1.352	727.8	99.8,99.8
170	3.386	3.274	3.138	2.810	2.852	2.939	3.129	3.270	160-170	0.9018	728.7	100,100
180	3.180	3.310	3.064	3.189	3.189	3.315	3.062	3.187	170-180	0.2932	729.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

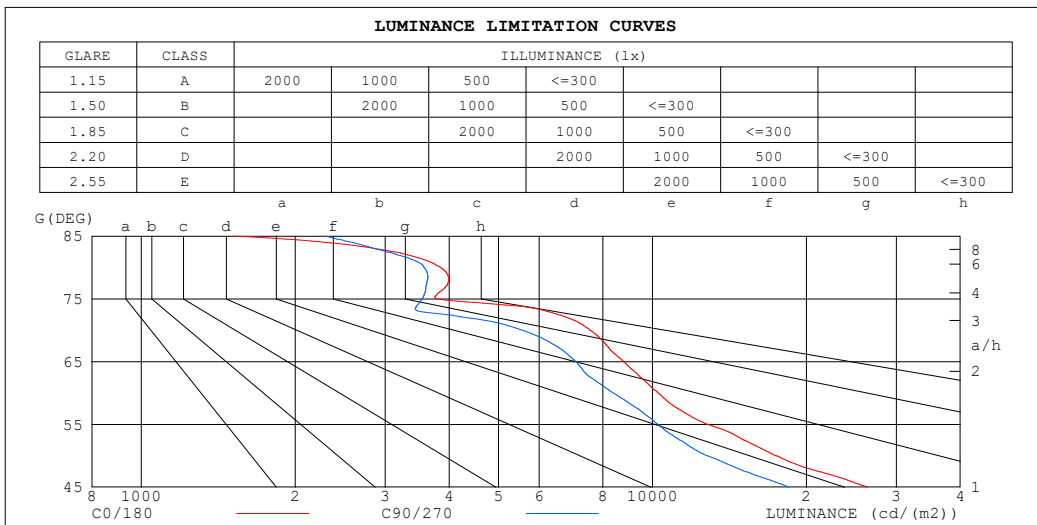
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3°C
 Operators:
 Test Date:2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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	1633	2356
80	3901	3615
75	3878	3560
70	7618	5633
65	8838	7126
60	10323	8445
55	12956	10311
50	17626	12915
45	26652	18664

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Test Speed: HIGH
Temperature:24.3℃
Operators:
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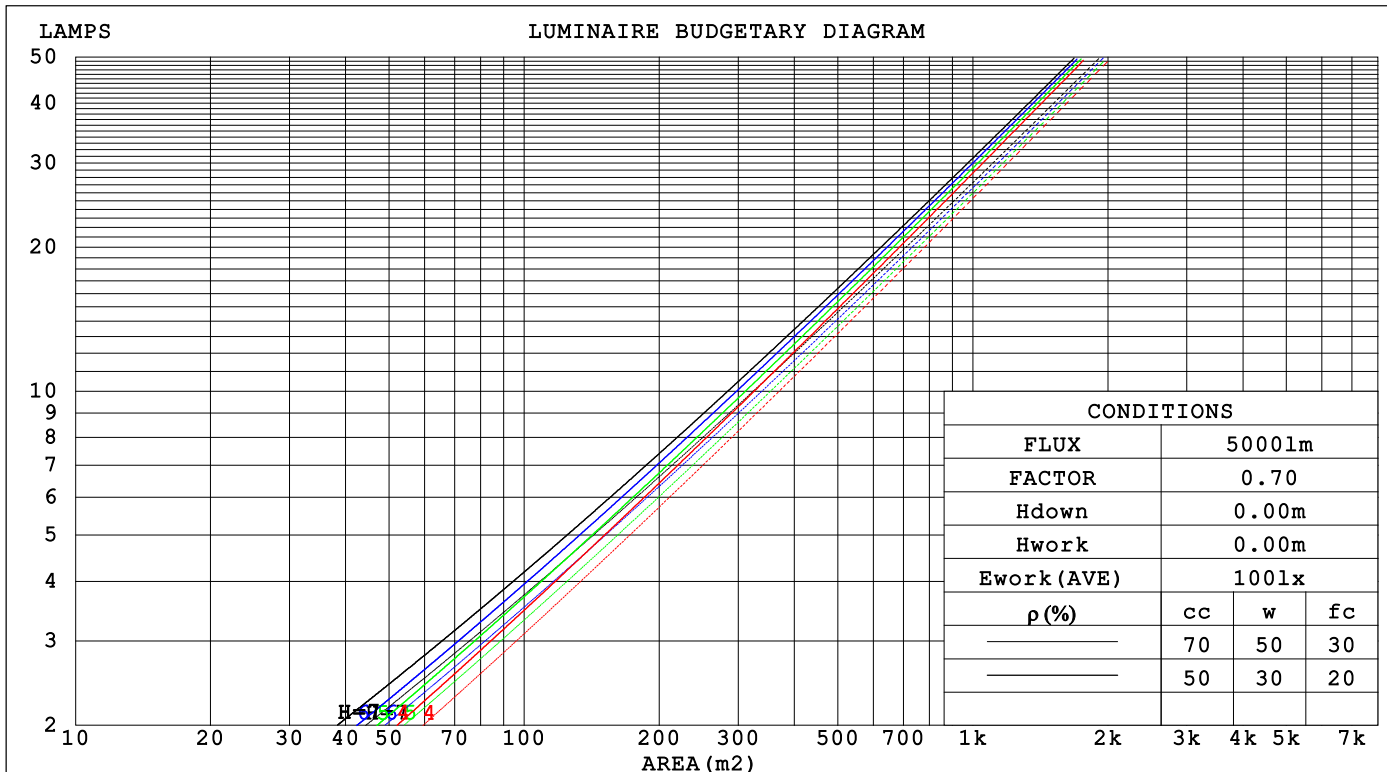
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Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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	1.08	1.06	1.09	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.85	.83	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.83	.80	.85	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6.0	.81	.75	.71	.80	.75	.71	.79	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.66	.73	.69	.66	.72	.68	.66	.64
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.63	.60	.68	.63	.60	.67	.62	.59	.66	.62	.59	.58
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.60	.56	.63	.59	.56	.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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	.175	.099	.031	.168	.096	.030	.155	.089	.028	.143	.082	.026	.132	.076	.025		
2.0	.166	.091	.028	.160	.088	.027	.149	.083	.026	.139	.078	.024	.130	.073	.023		
3.0	.157	.084	.025	.152	.082	.025	.143	.077	.024	.134	.074	.023	.126	.070	.022		
4.0	.149	.077	.023	.145	.076	.022	.137	.072	.022	.129	.069	.021	.122	.066	.020		
5.0	.141	.072	.021	.138	.071	.021	.131	.068	.020	.124	.065	.019	.118	.063	.019		
6.0	.134	.067	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018		
7.0	.128	.063	.018	.125	.062	.018	.120	.060	.017	.114	.059	.017	.110	.057	.017		
8.0	.122	.060	.017	.120	.059	.017	.115	.057	.016	.110	.056	.016	.106	.054	.016		
9.0	.117	.056	.016	.115	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015		
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014		

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	.161	.138	.119	.138	.119	.103	.095	.082	.072	.055	.048	.042	.017	.015	.014		
3.0	.148	.119	.096	.127	.103	.083	.087	.071	.058	.050	.042	.034	.016	.014	.011		
4.0	.138	.104	.079	.118	.090	.069	.081	.063	.048	.047	.037	.029	.015	.012	.009		
5.0	.129	.093	.066	.111	.080	.057	.076	.056	.041	.044	.033	.024	.014	.011	.008		
6.0	.121	.083	.056	.104	.072	.049	.072	.050	.035	.042	.030	.021	.013	.010	.007		
7.0	.114	.076	.049	.098	.066	.042	.068	.046	.030	.039	.027	.018	.013	.009	.006		
8.0	.108	.069	.042	.093	.060	.037	.065	.042	.026	.038	.025	.016	.012	.008	.005		
9.0	.103	.064	.038	.089	.056	.033	.062	.039	.023	.036	.023	.014	.012	.008	.005		
10.0	.099	.060	.034	.085	.052	.029	.059	.036	.021	.034	.022	.012	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz											
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm											
NAME: ASD-CD-TG-2D8AC-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	2H	18.4	19.3	18.6	19.5	19.7	16.7	17.6	16.9	17.8	17.9
	3H	18.6	19.4	18.9	19.6	19.8	16.9	17.7	17.2	17.9	18.1
	4H	18.6	19.4	18.9	19.6	19.9	16.9	17.7	17.2	17.9	18.1
	6H	18.6	19.3	18.9	19.6	19.8	16.9	17.6	17.2	17.9	18.1
	8H	18.5	19.3	18.9	19.5	19.8	16.8	17.6	17.2	17.8	18.1
	12H	18.5	19.2	18.8	19.5	19.8	16.8	17.5	17.1	17.8	18.1
4H	2H	18.3	19.1	18.6	19.4	19.6	16.7	17.5	17.0	17.8	18.0
	3H	18.6	19.3	19.0	19.6	19.9	17.0	17.7	17.4	18.0	18.3
	4H	18.7	19.3	19.0	19.6	19.9	17.1	17.7	17.4	18.0	18.3
	6H	18.7	19.2	19.0	19.5	19.9	17.1	17.6	17.5	18.0	18.3
	8H	18.6	19.1	19.0	19.5	19.9	17.1	17.6	17.5	17.9	18.3
	12H	18.6	19.1	19.0	19.4	19.8	17.0	17.5	17.5	17.9	18.3
8H	4H	18.6	19.1	19.0	19.4	19.8	17.0	17.5	17.4	17.9	18.3
	6H	18.6	19.0	19.0	19.4	19.8	17.1	17.5	17.5	17.9	18.3
	8H	18.6	18.9	19.0	19.4	19.8	17.1	17.4	17.5	17.9	18.3
	12H	18.5	18.8	19.0	19.3	19.8	17.1	17.4	17.5	17.8	18.3
12H	4H	18.5	19.0	19.0	19.4	19.8	17.0	17.4	17.4	17.8	18.2
	6H	18.5	18.9	19.0	19.3	19.8	17.0	17.4	17.5	17.8	18.3
	8H	18.5	18.8	19.0	19.3	19.8	17.0	17.3	17.5	17.8	18.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 2.4 / - 2.7					+ 1.4 / - 2.1				
1.5H		+ 3.9 / - 2.4					+ 2.2 / - 1.8				
2.0H		+ 2.9 / - 1.7					+ 2.1 / - 1.3				

CIE Pub.117, 729.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.1)
 Area: 0.0023468 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	110	106	102	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

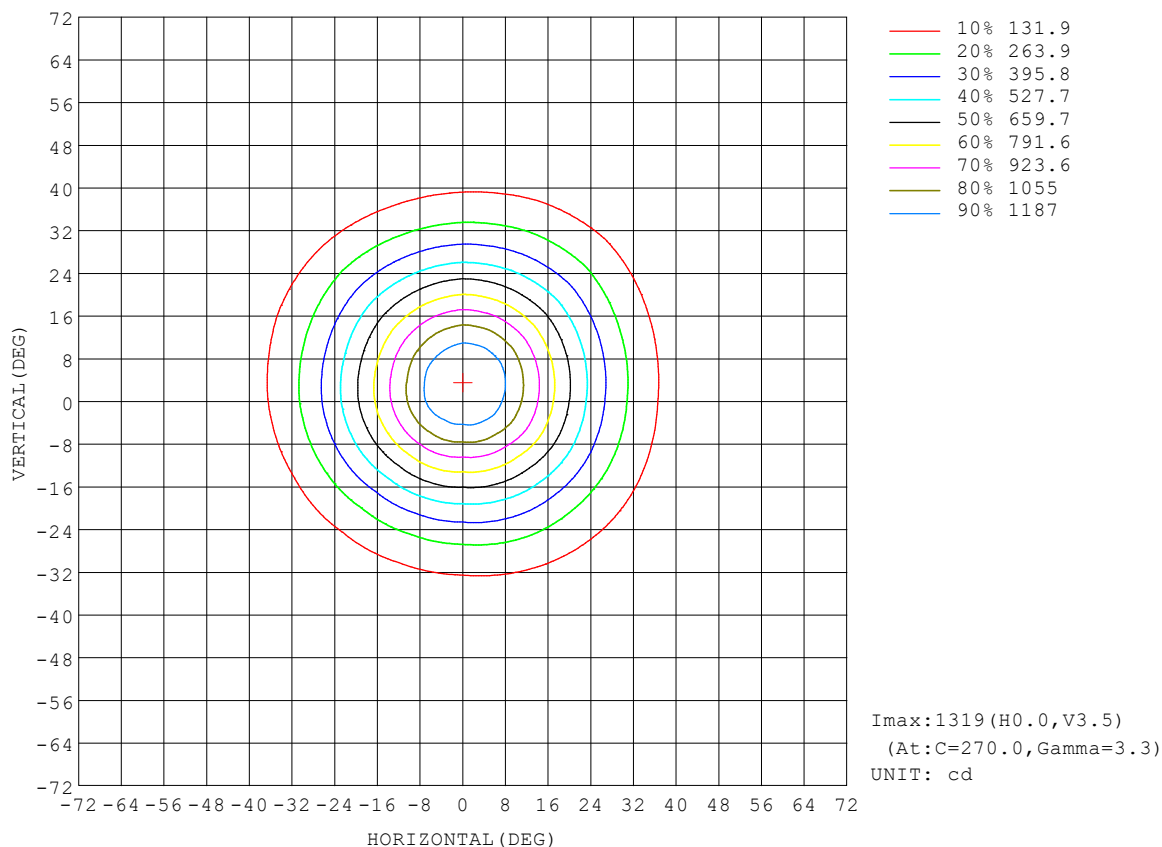
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 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

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SPEC.: 5000K	DIM.:	SERIAL No.:
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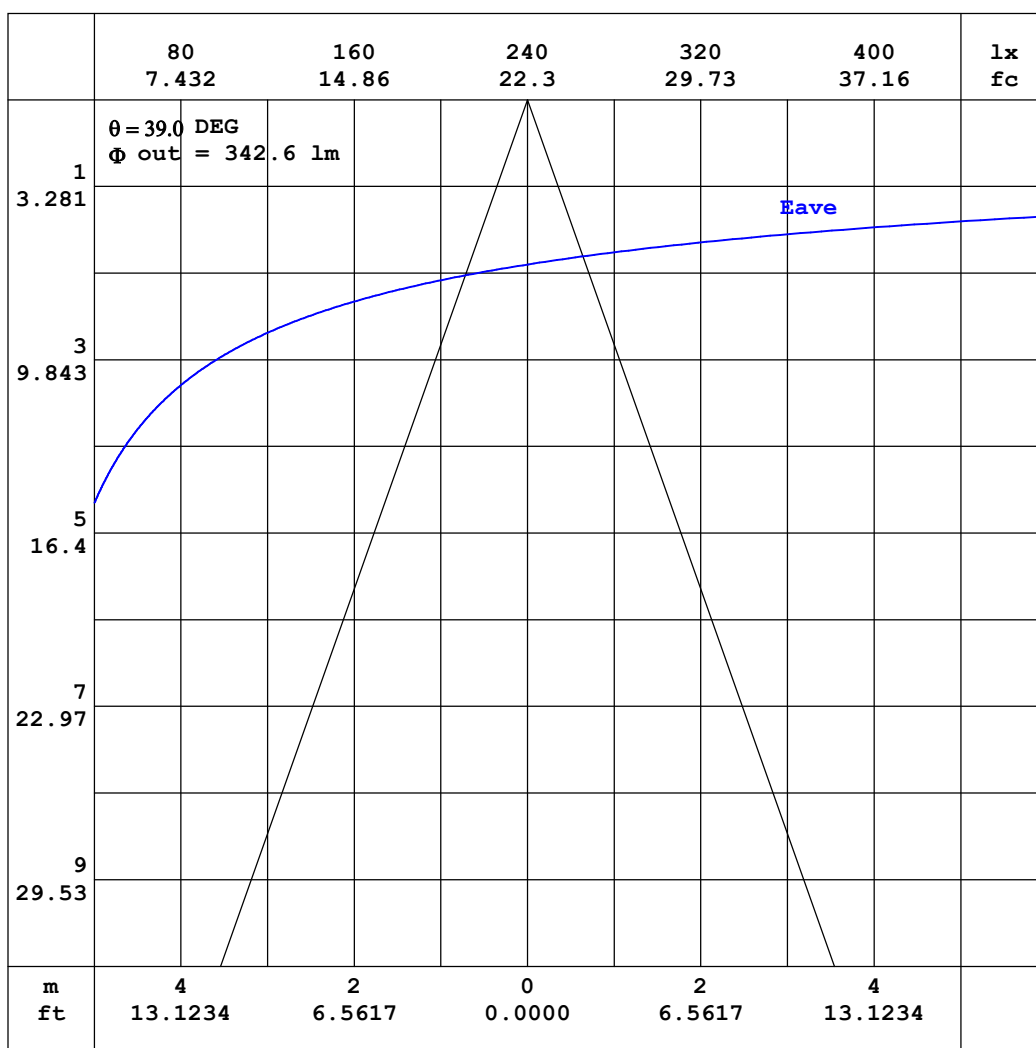
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI CURVES

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UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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.

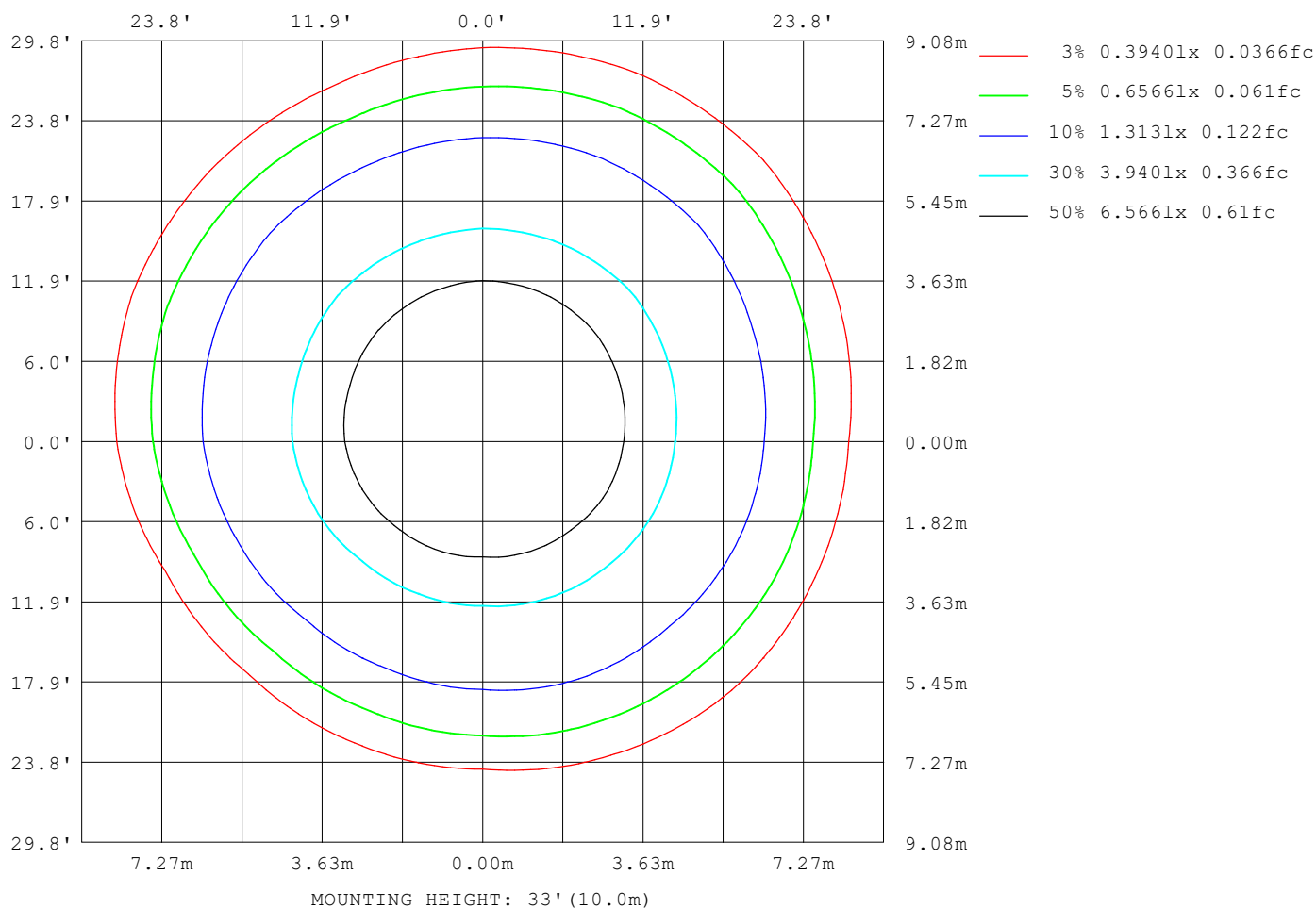
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators:
Test Date: 2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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: 2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

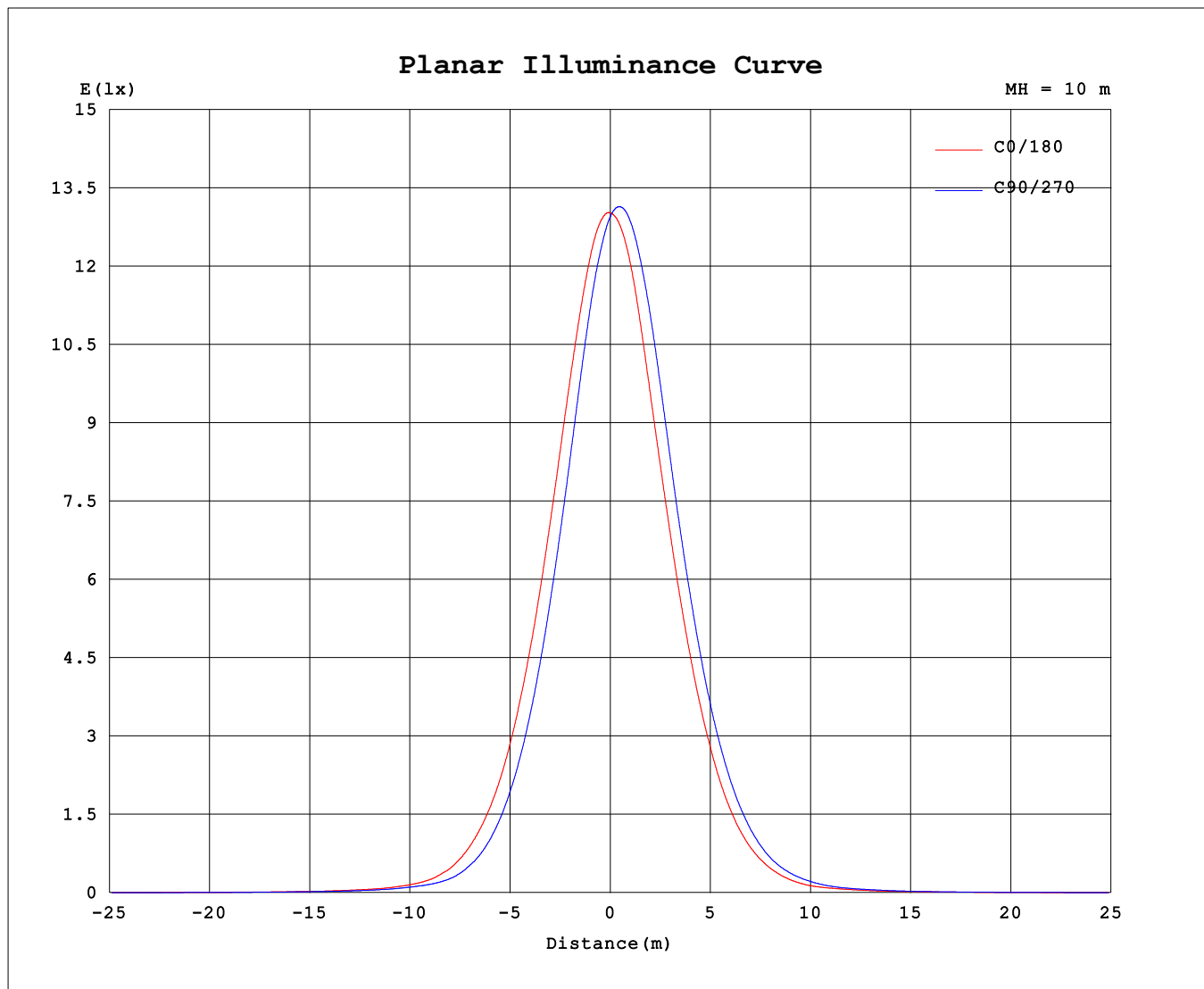
AvgL	cd/m2
L_0~180 (65) av	8050
L_0~180 (75) av	3557
L_0~180 (85) av	1218
L_90~270 (65) av	8129
L_90~270 (75) av	4851
L_90~270 (85) av	3535
L_45 (65) av	8105
L_45 (75) av	4471
L_45 (85) av	1893

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:
Test Date:2026-01-08

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: 2026-01-08

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:120.08V I:0.0671A P:7.8092W PF:0.9687 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:729.009x1 lm		
NAME: ASD-CD-TG-2D8AC-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	1302	1301	1297	1297	1295	1297	1295	1299	1302	1301	1297	1297	1295	1297	1295	1299			
5	1255	1231	1200	1183	1167	1175	1187	1216	1245	1264	1287	1303	1314	1313	1303	1280			
10	1099	1058	1006	973	950	965	989	1032	1075	1110	1160	1193	1219	1217	1195	1145			
15	886	841	777	740	714	728	754	807	861	903	957	1000	1029	1023	996	940			
20	663	619	564	527	499	505	530	588	644	685	737	771	797	791	769	716			
25	459	421	377	347	320	318	340	394	448	484	531	552	574	572	560	510			
30	290	261	228	209	185	180	193	235	283	316	352	363	379	385	378	331			
35	165	149	128	111	97.5	94.3	99.8	121	161	187	207	211	225	236	230	193			
40	83.7	75.8	70.0	57.6	49.1	50.8	51.2	59.3	82.9	102	108	109	120	130	126	104			
45	44.2	42.0	38.0	34.5	31.0	31.9	32.3	33.2	39.2	45.2	50.3	53.3	62.3	65.1	64.7	52.7			
50	26.6	25.7	23.5	21.6	19.5	19.1	19.9	21.3	24.4	26.5	28.4	30.0	32.9	33.9	33.5	29.0			
55	17.4	16.6	15.9	14.6	13.9	13.4	13.2	14.0	15.0	15.8	17.2	18.4	20.3	20.5	20.9	19.0			
60	12.1	11.9	11.6	10.6	9.91	9.50	9.37	10.0	10.6	11.2	12.0	12.4	13.1	13.0	13.0	12.5			
65	8.77	8.55	8.21	7.48	7.07	6.74	6.61	7.02	7.31	7.66	8.34	8.57	9.18	9.10	9.22	8.97			
70	6.11	5.99	5.68	4.88	4.52	4.22	4.13	4.48	4.86	5.24	5.84	6.15	6.49	6.35	6.36	6.19			
75	2.36	3.05	2.34	2.22	2.16	2.11	2.05	2.03	2.02	2.05	2.91	3.41	3.80	3.73	3.77	3.50			
80	1.59	1.48	1.26	1.28	1.47	1.37	1.31	1.32	1.36	1.39	1.53	1.58	1.63	1.67	1.71	1.64			
85	0.33	0.26	0.28	0.56	0.48	0.19	0.12	0.17	0.21	0.24	0.51	0.75	0.99	0.86	0.70	0.44			
90	0.08	0.09	0.10	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.11	0.06	0.06	0.06			
95	0.08	0.08	0.07	0.08	0.08	0.08	0.07	0.07	0.07	0.08	0.07	0.06	0.07	0.06	0.06	0.06			
100	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07			
105	0.13	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.10	0.11	0.10	0.09	0.10	0.09	0.09	0.09			
110	0.14	0.14	0.14	0.14	0.16	0.15	0.15	0.14	0.13	0.12	0.12	0.12	0.12	0.11	0.10	0.11			
115	0.18	0.18	0.19	0.20	0.22	0.22	0.21	0.19	0.16	0.16	0.15	0.15	0.14	0.14	0.13	0.14			
120	0.25	0.27	0.29	0.30	0.33	0.33	0.32	0.29	0.23	0.22	0.20	0.19	0.18	0.18	0.17	0.19			
125	0.39	0.43	0.46	0.48	0.53	0.53	0.52	0.46	0.34	0.32	0.29	0.27	0.26	0.25	0.25	0.28			
130	0.63	0.70	0.76	0.79	0.85	0.85	0.82	0.74	0.55	0.50	0.45	0.42	0.40	0.38	0.39	0.46			
135	1.01	1.11	1.19	1.23	1.32	1.29	1.24	1.15	0.86	0.79	0.71	0.66	0.63	0.62	0.64	0.75			
140	1.54	1.67	1.75	1.79	1.91	1.81	1.74	1.69	1.28	1.21	1.08	1.03	0.99	0.97	1.02	1.20			
145	2.22	2.34	2.39	2.40	2.53	2.36	2.26	2.23	1.76	1.65	1.55	1.48	1.47	1.45	1.52	1.79			
150	2.97	3.07	3.00	2.93	3.05	2.83	2.72	2.82	2.26	2.17	2.05	1.98	2.00	1.98	2.10	2.47			
155	3.63	3.66	3.41	3.29	3.36	3.12	3.00	3.21	2.71	2.67	2.48	2.43	2.48	2.49	2.63	3.09			
160	3.86	3.83	3.50	3.45	3.47	3.20	3.10	3.23	2.81	2.91	2.75	2.75	2.84	2.90	2.95	3.42			
165	3.78	3.71	3.38	3.35	3.29	3.10	2.98	3.16	2.88	2.95	2.92	2.91	3.00	3.07	3.11	3.48			
170	3.40	3.30	3.27	3.18	3.14	2.99	2.81	2.85	2.85	2.78	2.94	3.08	3.13	3.17	3.27	3.23			
175	3.30	3.35	3.24	3.02	2.95	2.88	2.88	2.78	2.85	2.82	3.04	3.11	3.08	3.10	3.25	3.26			
180	3.19	3.18	3.32	3.11	3.06	3.01	3.18	3.06	3.19	3.17	3.31	3.10	3.06	3.02	3.19	3.07			

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