

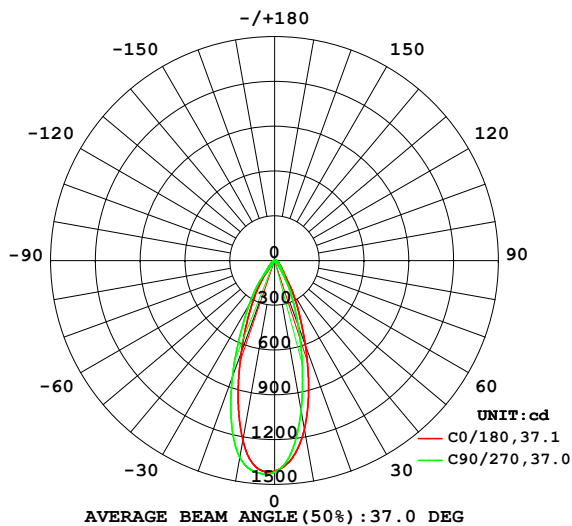
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

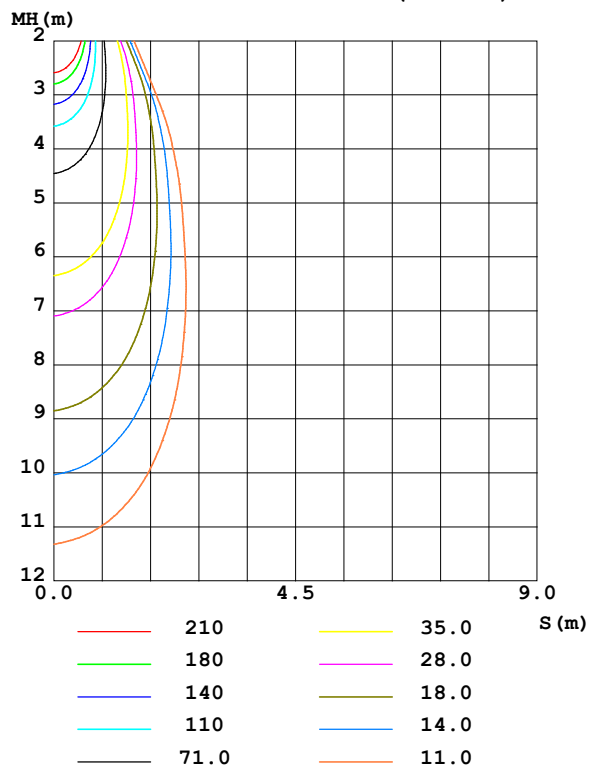
Test:U:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.93 lm/W			
MODEL	ASD-CD-TR-2D8AC-WH	I _{max} (cd)	1431	S/MH (C0/180)	0.62
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.70
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	719.52	η UP, DN (C0-180)	0.4, 42.1
NOMINAL FLUX (lm)	719.523	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 57.2
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	η down (%)	99.3	CIBSE SHR MAX	0.65

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	1150	1044	1024	1088	1224	1318	1341	1290	0- 10	124.4	124.4	17.3,17.3
20	606.1	501.0	464.7	535.9	655.4	764.0	828.4	758.2	10- 20	251.7	376.2	52.3,52.3
30	238.2	181.0	145.2	186.0	255.5	304.5	344.4	305.6	20- 30	189.4	565.6	78.6,78.6
40	59.12	48.27	43.35	49.94	65.66	75.00	84.94	72.03	30- 40	81.38	647.0	89.9,89.9
50	28.84	25.04	23.42	24.45	28.14	32.09	33.95	32.63	40- 50	31.81	678.8	94.3,94.3
60	15.15	13.32	12.47	12.91	14.77	16.97	17.41	16.71	50- 60	18.79	697.6	96.9,96.9
70	7.770	6.796	6.214	6.458	7.636	8.779	9.101	8.688	60- 70	10.95	708.5	98.5,98.5
80	1.761	1.056	1.899	1.704	1.758	2.657	3.483	2.998	70- 80	5.065	713.6	99.2,99.2
90	0.0983	0.1221	0.1029	0.0823	0.0705	0.1017	0.0782	0.0730	80- 90	0.7240	714.3	99.3,99.3
100	0.1131	0.1106	0.1157	0.1090	0.0941	0.1111	0.0924	0.0857	90-100	0.0967	714.4	99.3,99.3
110	0.1809	0.1684	0.1821	0.1659	0.1454	0.1353	0.1372	0.1334	100-110	0.1334	714.5	99.3,99.3
120	0.2710	0.2883	0.3200	0.2879	0.2217	0.2001	0.1987	0.2008	110-120	0.1921	714.7	99.3,99.3
130	0.5798	0.6703	0.7601	0.6547	0.4436	0.3694	0.3615	0.3947	120-130	0.3202	715.0	99.4,99.4
140	1.470	1.656	1.799	1.556	1.094	0.9083	0.8835	0.9925	130-140	0.6587	715.7	99.5,99.5
150	3.105	3.111	3.087	2.756	2.174	1.904	1.954	2.121	140-150	1.178	716.9	99.6,99.6
160	4.135	3.748	3.610	3.329	2.896	2.815	2.987	3.124	150-160	1.393	718.3	99.8,99.8
170	3.559	3.433	3.238	3.077	2.964	3.125	3.270	3.482	160-170	0.9539	719.2	100,100
180	3.213	3.286	3.043	3.235	3.216	3.290	3.037	3.224	170-180	0.3034	719.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

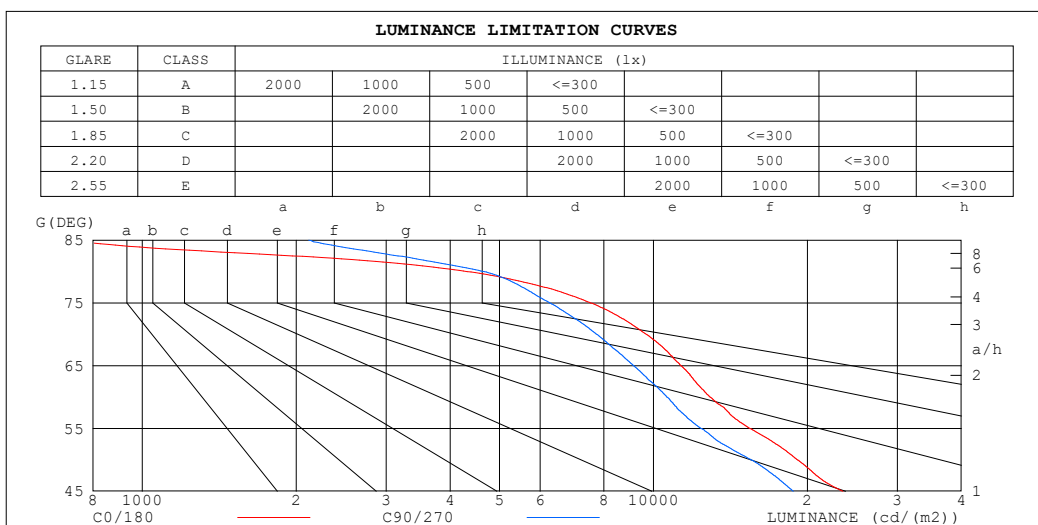
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 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2026-01-07

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:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-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	745	2182
80	4439	4754
75	7635	6340
70	9758	7806
65	11399	9209
60	12988	10691
55	15570	12482
50	19230	15629
45	23647	18875

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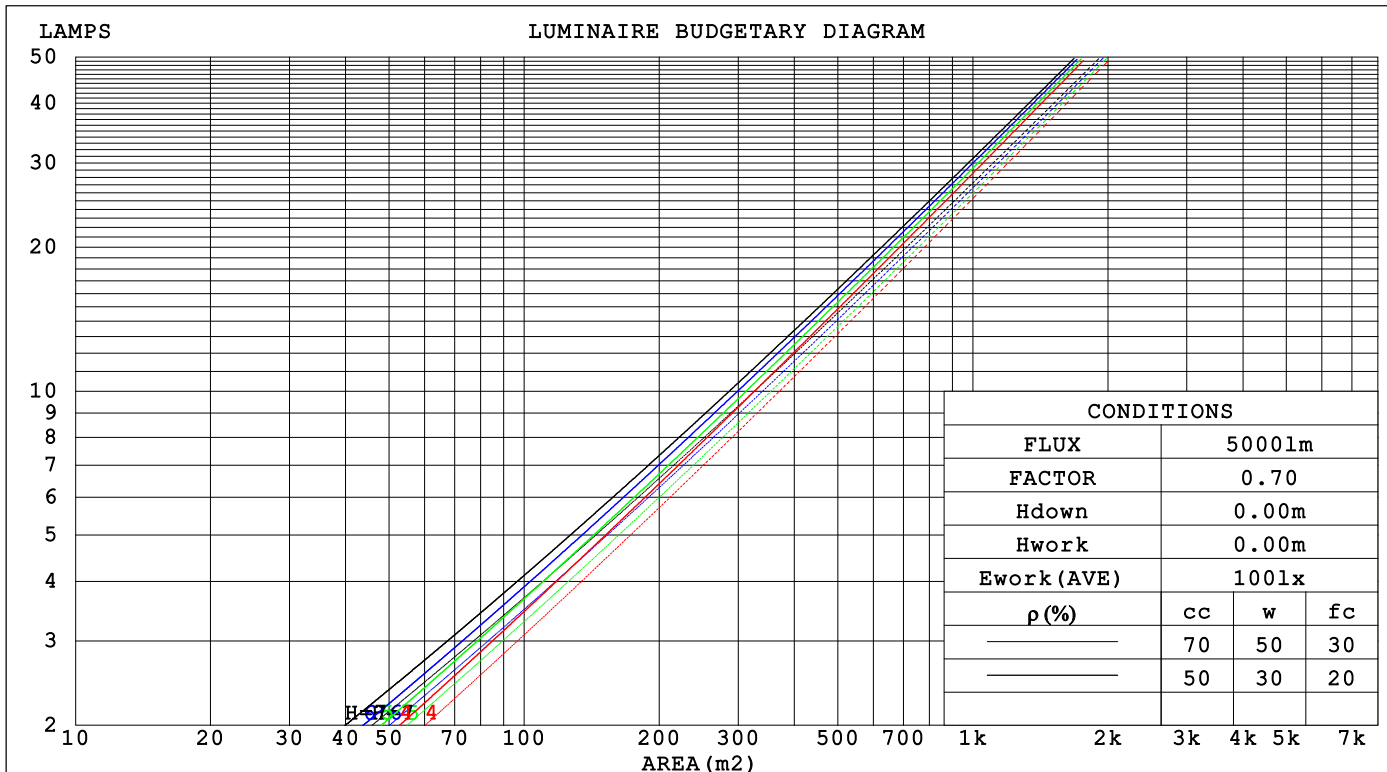
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 Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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NAME: ASD-CD-TR-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	.90	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.92	.91	.89	.87
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.74	.70	.67	.73	.70	.67	.65
8.0	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.67	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.61	.58	.57



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

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UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-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	.174	.099	.031	.167	.095	.030	.154	.088	.028	.142	.082	.026	.131	.076	.025		
2.0	.165	.090	.028	.159	.088	.027	.148	.082	.026	.138	.078	.024	.129	.073	.023		
3.0	.156	.083	.025	.151	.081	.024	.141	.077	.023	.133	.073	.022	.125	.069	.021		
4.0	.147	.076	.022	.143	.075	.022	.135	.071	.021	.127	.068	.021	.120	.065	.020		
5.0	.139	.071	.021	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019		
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.111	.059	.017		
7.0	.125	.062	.018	.123	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.119	.058	.016	.117	.058	.016	.112	.056	.016	.108	.055	.016	.103	.053	.015		
9.0	.114	.055	.015	.112	.055	.015	.108	.053	.015	.103	.052	.015	.100	.051	.015		
10.0	.109	.052	.015	.107	.052	.014	.103	.051	.014	.100	.049	.014	.096	.048	.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	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.177	.163	.151	.151	.140	.130	.103	.096	.090	.059	.056	.052	.019	.018	.017		
2.0	.161	.138	.119	.138	.119	.103	.094	.082	.072	.054	.048	.042	.017	.015	.014		
3.0	.148	.119	.096	.127	.103	.083	.087	.071	.058	.050	.042	.034	.016	.014	.011		
4.0	.137	.104	.079	.118	.090	.069	.081	.063	.048	.047	.037	.029	.015	.012	.009		
5.0	.128	.093	.066	.110	.080	.058	.076	.056	.041	.044	.033	.024	.014	.011	.008		
6.0	.120	.083	.057	.103	.072	.049	.071	.050	.035	.041	.030	.021	.013	.010	.007		
7.0	.113	.076	.049	.098	.065	.043	.067	.046	.030	.039	.027	.018	.013	.009	.006		
8.0	.107	.069	.043	.092	.060	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005		
9.0	.102	.064	.038	.088	.055	.033	.061	.039	.024	.035	.023	.014	.011	.008	.005		
10.0	.097	.059	.034	.084	.052	.030	.058	.036	.021	.034	.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:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz											
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm											
NAME: ASD-CD-TR-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	17.5	18.3	17.7	18.5	18.7	16.1	17.0	16.4	17.2	17.4
	3H	18.0	18.8	18.3	19.0	19.2	16.7	17.5	17.0	17.7	17.9
	4H	18.2	18.9	18.5	19.2	19.4	16.9	17.7	17.2	17.9	18.1
	6H	18.2	18.9	18.5	19.2	19.4	16.9	17.7	17.2	17.9	18.2
	8H	18.2	18.9	18.5	19.1	19.4	16.9	17.6	17.2	17.9	18.2
	12H	18.1	18.8	18.5	19.1	19.4	16.9	17.6	17.2	17.8	18.1
4H	2H	17.6	18.3	17.8	18.6	18.8	16.4	17.2	16.7	17.4	17.6
	3H	18.2	18.9	18.6	19.2	19.5	17.1	17.8	17.5	18.1	18.4
	4H	18.5	19.1	18.8	19.4	19.7	17.4	18.0	17.7	18.3	18.6
	6H	18.6	19.1	18.9	19.4	19.8	17.4	18.0	17.8	18.3	18.7
	8H	18.5	19.0	18.9	19.4	19.8	17.4	17.9	17.8	18.3	18.7
	12H	18.5	18.9	18.9	19.3	19.7	17.4	17.9	17.8	18.3	18.7
8H	4H	18.5	19.0	18.9	19.3	19.7	17.4	17.9	17.8	18.3	18.6
	6H	18.5	19.0	19.0	19.4	19.8	17.5	17.9	17.9	18.3	18.7
	8H	18.5	18.9	19.0	19.3	19.8	17.5	17.9	18.0	18.3	18.8
	12H	18.5	18.8	18.9	19.2	19.7	17.5	17.8	18.0	18.2	18.7
12H	4H	18.4	18.9	18.8	19.3	19.7	17.3	17.8	17.8	18.2	18.6
	6H	18.5	18.9	19.0	19.3	19.7	17.5	17.8	17.9	18.3	18.7
	8H	18.5	18.8	18.9	19.2	19.7	17.5	17.8	17.9	18.2	18.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.1 / - 1.1					+ 0.8 / - 1.0				
1.5H		+ 1.9 / - 0.9					+ 0.9 / - 0.7				
2.0H		+ 1.5 / - 1.1					+ 1.3 / - 0.9				

CIE Pub.117, 719.5 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:2026-01-07

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

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UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	78	75	84	78	74	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	108	106	107	105	104	96
5.00	114	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		

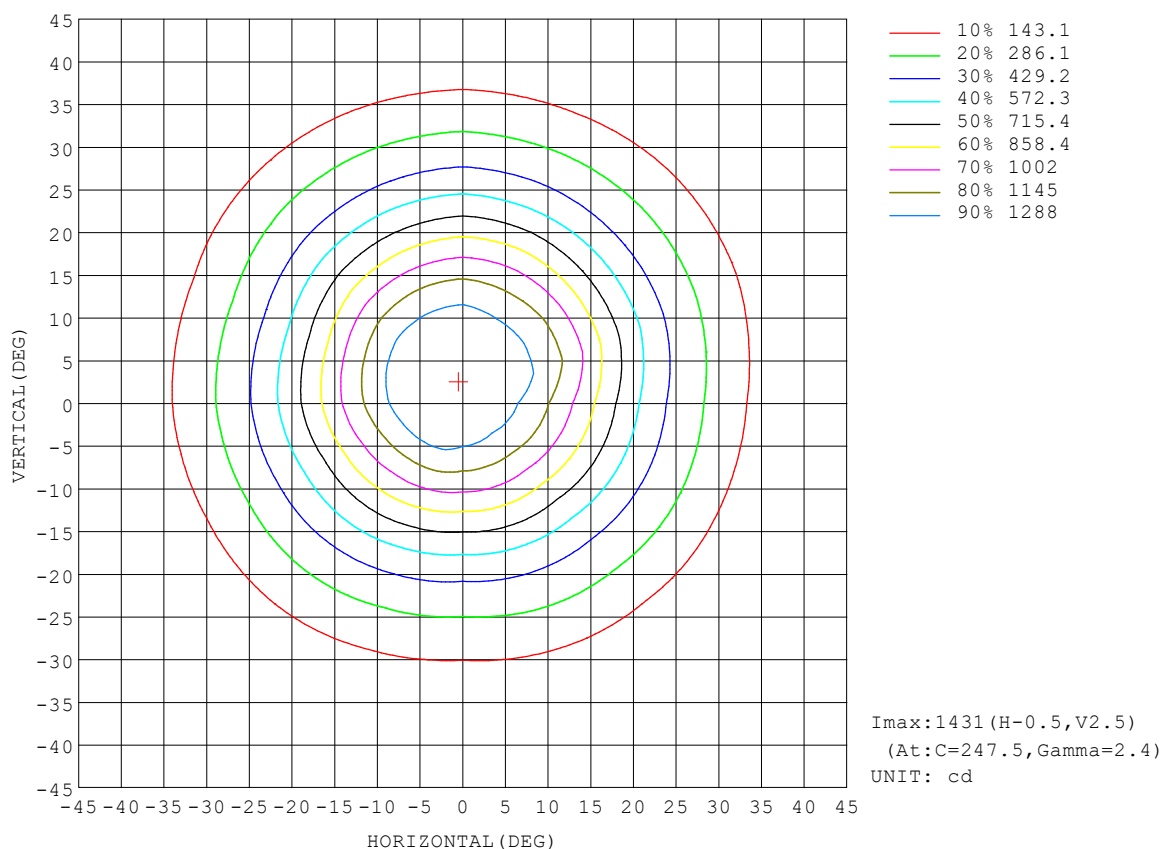
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 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

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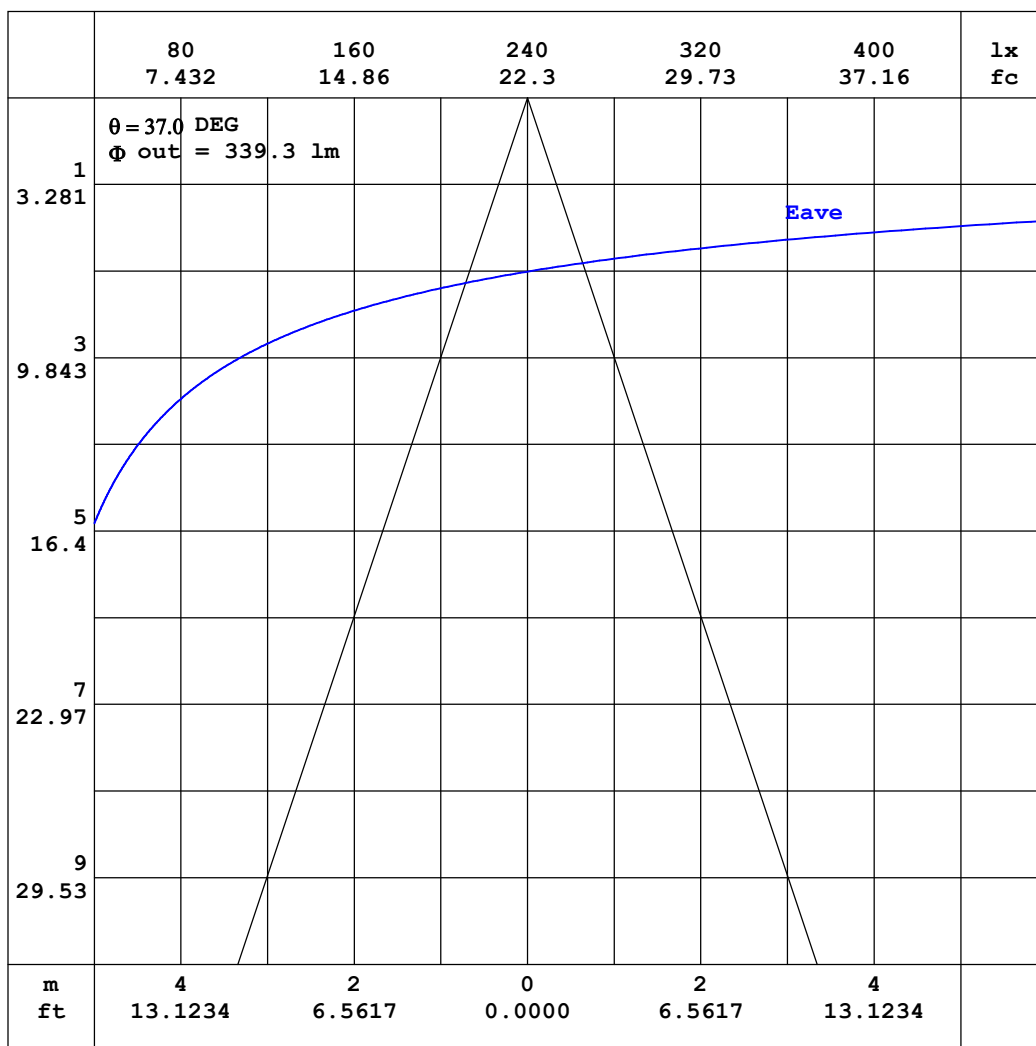
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Humidity:65.0%
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI CURVES

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UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-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.

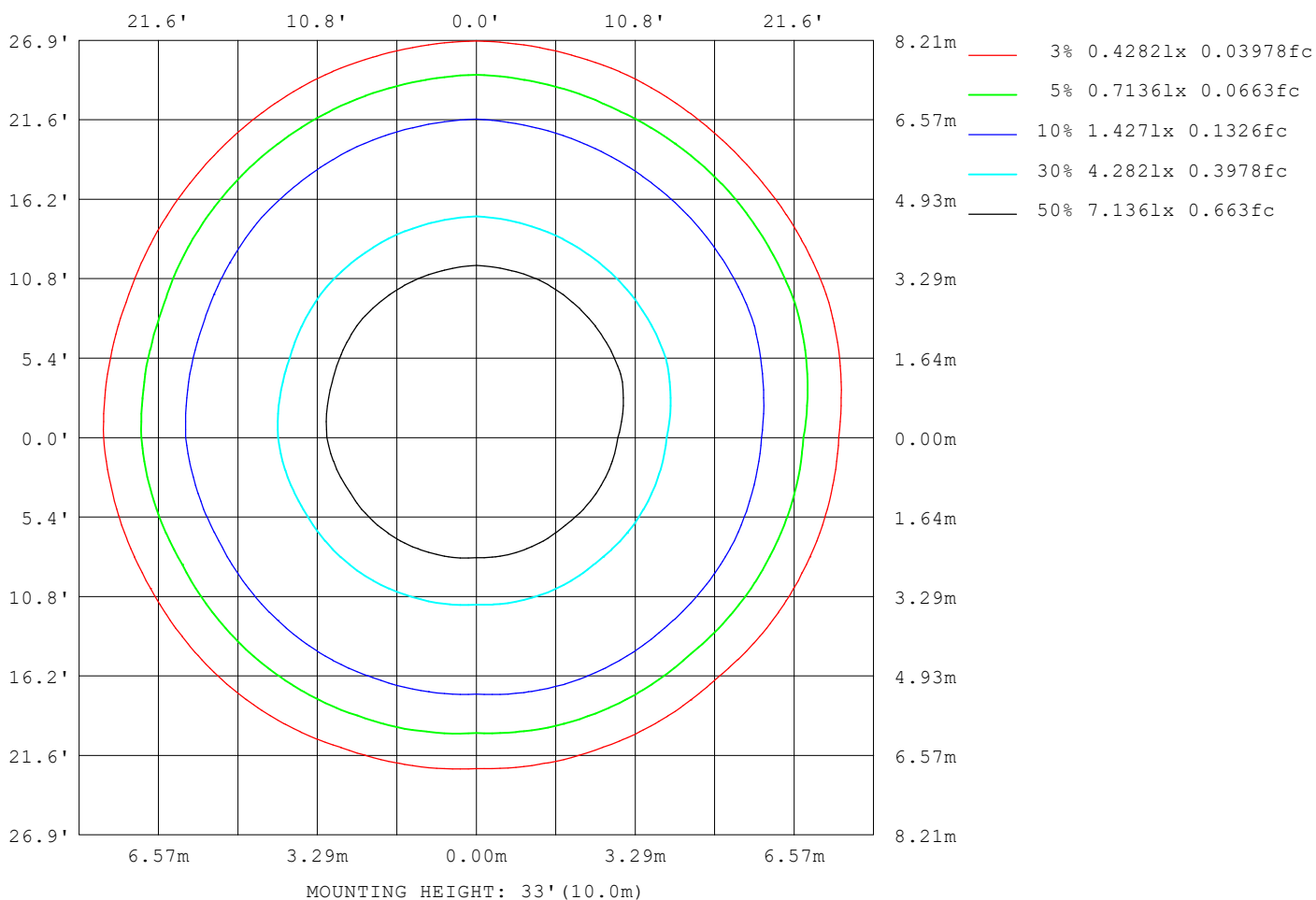
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators:
 Test Date: 2026-01-07

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:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 719.523x1 lm		
NAME: ASD-CD-TR-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: 2026-01-07

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:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-2D8AC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

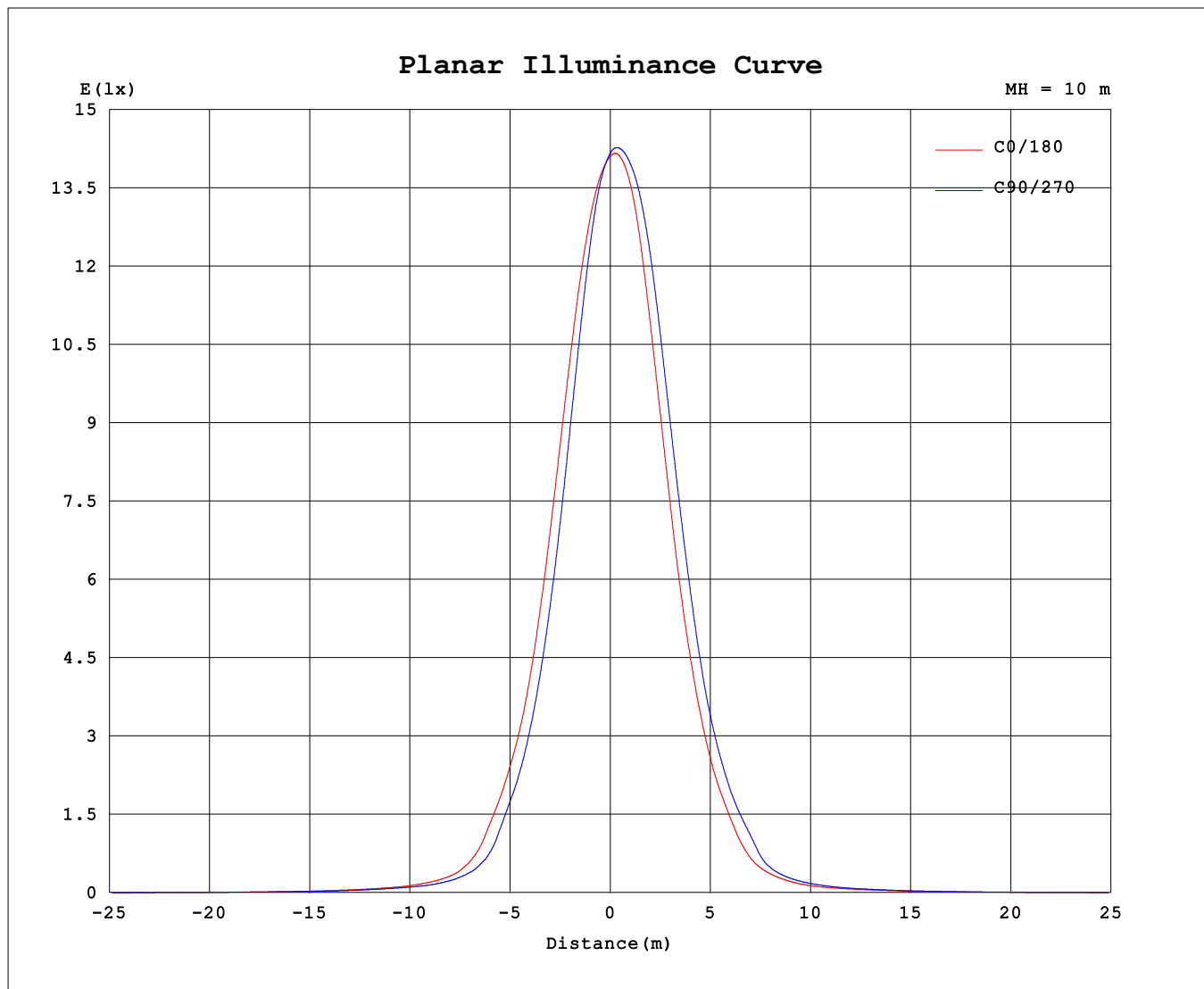
AvgL	cd/m2
L_0~180 (65) av	11183
L_0~180 (75) av	7450
L_0~180 (85) av	723
L_90~270 (65) av	11011
L_90~270 (75) av	8077
L_90~270 (85) av	4633
L_45 (65) av	11071
L_45 (75) av	8019
L_45 (85) av	1447

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:120.09V I:0.0681A P:7.9132W PF:0.9680 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:719.523x1 lm		
NAME: ASD-CD-TR-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	1410	1411	1410	1414	1416	1423	1427	1429	1410	1411	1410	1414	1416	1423	1427	1429			
5	1334	1312	1288	1288	1295	1326	1347	1372	1394	1409	1417	1420	1424	1418	1406	1391			
10	1154	1102	1051	1035	1030	1061	1094	1151	1229	1279	1321	1337	1344	1311	1293	1258			
15	889	824	760	740	724	755	806	865	955	1006	1079	1108	1126	1100	1074	1022			
20	611	558	506	486	469	496	541	585	661	695	770	808	834	813	764	716			
25	391	361	323	306	288	306	340	372	425	445	498	531	552	525	493	458			
30	241	218	184	166	148	162	189	215	258	270	308	331	348	330	309	286			
35	111	95.2	80.2	75.3	71.8	77.7	91.1	103	124	133	164	189	204	183	165	148			
40	59.7	54.9	48.7	45.8	43.7	46.0	50.5	56.4	66.5	68.6	75.8	81.1	85.9	80.4	72.8	68.0			
45	39.2	36.0	33.4	32.2	31.3	31.9	32.8	34.7	39.2	42.2	46.6	49.3	51.3	49.0	47.2	44.5			
50	29.0	27.2	25.2	24.2	23.6	24.1	24.6	25.7	28.3	30.2	32.2	33.4	34.2	33.3	32.8	31.8			
55	21.0	19.3	17.8	17.2	16.8	17.1	17.7	18.3	20.5	22.4	24.4	25.1	25.4	24.6	24.1	23.1			
60	15.2	14.3	13.4	12.9	12.5	12.7	13.0	13.5	14.9	16.1	17.1	17.3	17.5	17.1	16.8	16.2			
65	11.3	10.6	9.92	9.49	9.13	9.23	9.43	9.87	11.0	11.8	12.5	12.7	12.8	12.6	12.4	12.0			
70	7.83	7.42	6.85	6.54	6.27	6.36	6.51	6.85	7.70	8.27	8.85	8.97	9.17	8.92	8.75	8.42			
75	4.64	4.34	4.05	3.69	3.85	4.01	4.14	4.25	4.52	5.07	5.76	5.89	6.06	5.87	5.75	5.20			
80	1.81	1.52	1.10	1.41	1.94	1.96	1.76	1.70	1.81	2.09	2.71	3.15	3.53	3.36	3.05	2.33			
85	0.15	0.17	0.20	0.37	0.45	0.20	0.19	0.24	0.16	0.16	0.41	0.95	1.50	1.05	0.46	0.21			
90	0.10	0.10	0.12	0.12	0.10	0.10	0.08	0.08	0.07	0.07	0.10	0.08	0.08	0.07	0.07	0.07			
95	0.09	0.10	0.09	0.10	0.09	0.09	0.09	0.09	0.07	0.08	0.11	0.09	0.08	0.07	0.07	0.08			
100	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.09	0.09	0.11	0.11	0.09	0.09	0.09	0.09			
105	0.15	0.14	0.13	0.14	0.14	0.14	0.14	0.13	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11			
110	0.18	0.16	0.17	0.17	0.18	0.17	0.17	0.16	0.14	0.13	0.14	0.14	0.14	0.13	0.13	0.14			
115	0.22	0.21	0.21	0.22	0.23	0.22	0.21	0.20	0.18	0.17	0.16	0.16	0.16	0.16	0.16	0.17			
120	0.27	0.27	0.28	0.30	0.32	0.30	0.29	0.27	0.22	0.21	0.20	0.20	0.20	0.20	0.20	0.21			
125	0.37	0.39	0.42	0.45	0.47	0.44	0.41	0.39	0.30	0.27	0.25	0.26	0.25	0.25	0.27	0.28			
130	0.57	0.61	0.67	0.71	0.75	0.70	0.65	0.61	0.44	0.41	0.37	0.36	0.36	0.37	0.39	0.42			
135	0.93	0.98	1.06	1.12	1.18	1.10	1.01	0.98	0.70	0.64	0.57	0.55	0.55	0.58	0.61	0.68			
140	1.46	1.55	1.64	1.70	1.78	1.64	1.54	1.51	1.08	1.01	0.90	0.87	0.88	0.92	0.98	1.10			
145	2.22	2.33	2.38	2.37	2.46	2.27	2.16	2.13	1.59	1.49	1.36	1.34	1.36	1.42	1.49	1.70			
150	3.09	3.20	3.10	3.01	3.08	2.85	2.74	2.81	2.16	2.09	1.89	1.89	1.94	2.02	2.11	2.43			
155	3.85	3.92	3.62	3.47	3.48	3.25	3.14	3.30	2.70	2.64	2.42	2.44	2.53	2.61	2.72	3.14			
160	4.13	4.12	3.75	3.67	3.61	3.38	3.33	3.36	2.89	2.91	2.81	2.85	2.98	3.11	3.12	3.55			
165	4.01	3.96	3.63	3.54	3.46	3.30	3.31	3.31	3.00	3.11	3.08	3.05	3.18	3.26	3.32	3.69			
170	3.57	3.45	3.44	3.28	3.24	3.13	3.08	2.99	2.97	2.97	3.12	3.23	3.27	3.34	3.48	3.44			
175	3.38	3.40	3.25	3.02	2.97	2.95	3.02	2.80	2.90	2.92	3.16	3.20	3.17	3.20	3.40	3.38			
180	3.22	3.17	3.29	3.05	3.04	3.04	3.23	3.06	3.21	3.16	3.29	3.05	3.04	3.05	3.23	3.08			

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