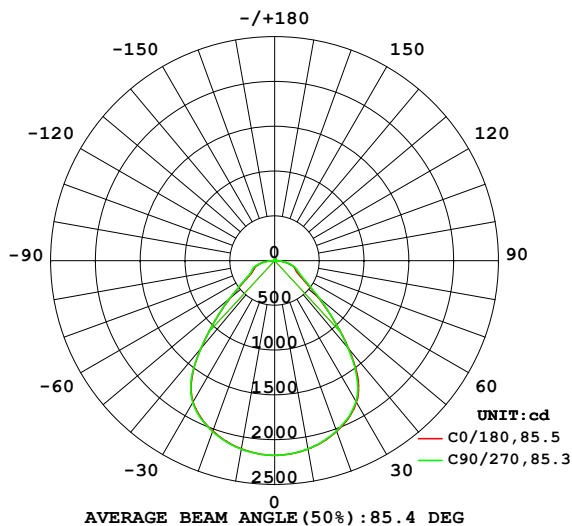


LUMINAIRE PHOTOMETRIC TEST REPORT

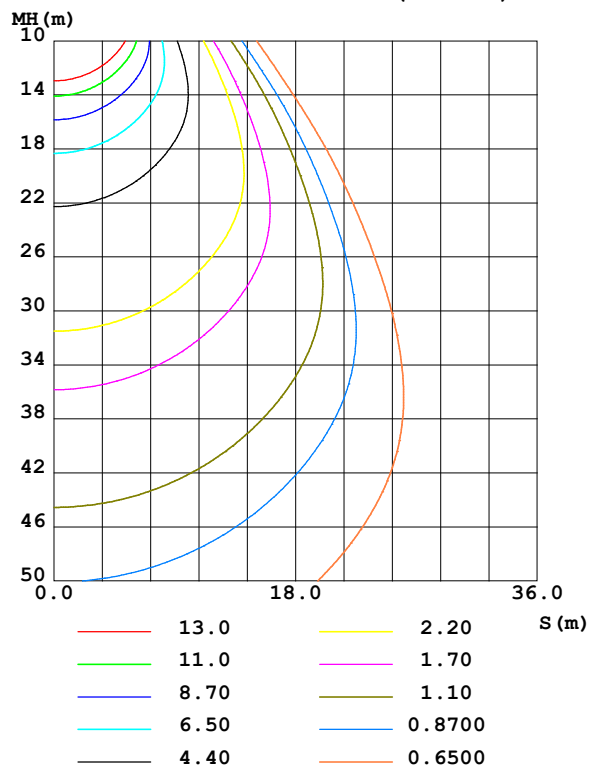
Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.32 lm/W			
MODEL	104L-CK5	I _{max} (cd)	2172	S/MH(C0/180)	1.22
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.22
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4435.8	η UP,DN(C0-180)	0.5,49.4
NOMINAL FLUX(lm)	4435.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,49.6
LAMPS INSIDE	1	η up(%)	1.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.0	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 9.401m [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	2137	2136	2135	2133	2134	2137	2138	2137	0- 10	205.6	205.6	4.64,4.64
20	2028	2023	2023	2024	2024	2024	2030	2031	10- 20	589.8	795.5	17.9,17.9
30	1828	1825	1816	1813	1821	1831	1830	1825	20- 30	893.5	1689	38.1,38.1
40	1292	1308	1274	1312	1287	1323	1286	1328	30- 40	999.9	2689	60.6,60.6
50	629.7	755.4	654.3	596.2	645.1	768.1	659.9	596.3	40- 50	737.1	3426	77.2,77.2
60	313.2	414.6	346.6	254.1	318.9	423.0	340.4	250.7	50- 60	420.6	3847	86.7,86.7
70	243.5	245.6	248.9	177.8	241.6	254.6	259.3	165.8	60- 70	271.2	4118	92.8,92.8
80	131.9	124.3	138.2	136.0	141.6	126.8	136.9	126.7	70- 80	196.4	4314	97.3,97.3
90	3.364	3.363	3.723	4.798	4.274	5.058	4.698	4.910	80- 90	78.37	4393	99,99
100	2.365	2.356	2.451	2.547	3.010	2.918	2.943	2.954	90-100	2.557	4395	99.1,99.1
110	3.911	3.853	4.030	4.212	4.820	4.668	4.703	4.736	100-110	3.674	4399	99.2,99.2
120	5.828	5.765	5.994	6.205	6.983	6.767	6.818	6.861	110-120	5.320	4404	99.3,99.3
130	7.734	7.641	7.905	8.095	8.955	8.716	8.801	8.787	120-130	6.613	4411	99.4,99.4
140	9.406	9.337	9.556	9.719	10.59	10.42	10.51	10.43	130-140	7.091	4418	99.6,99.6
150	10.88	10.94	11.05	11.22	12.01	11.95	11.93	11.91	140-150	6.731	4425	99.7,99.7
160	12.67	12.78	12.83	13.03	13.70	13.65	13.57	13.62	150-160	5.666	4430	99.9,99.9
170	14.92	14.93	15.06	15.15	15.65	15.58	15.61	15.56	160-170	4.025	4434	100,100
180	16.37	16.23	16.48	16.31	16.43	16.29	16.49	16.36	170-180	1.509	4436	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3104.9 lm

%lum = 70.0%

%lamp = 70.0%

Conical surface Flux(130deg): 3990.5 lm

%lum = 90.0%

%lamp = 90.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-12-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz

Lamp Flux:4435.75x1 lm

NAME:

TYPE:

WEIGHT:

SPEC.: 4000K

DIM.:

SERIAL No.:

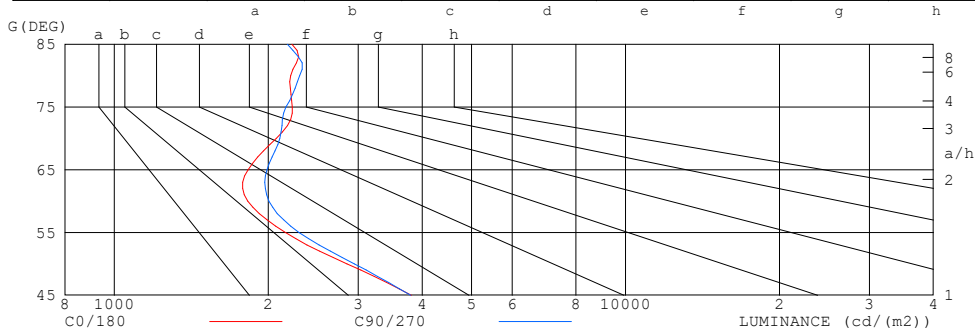
MFR.: EVERFINE

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2224	2181
80	2212	2305
75	2229	2165
70	2074	2108
65	1827	1987
60	1824	2007
55	2161	2298
50	2853	2948
45	3808	3797

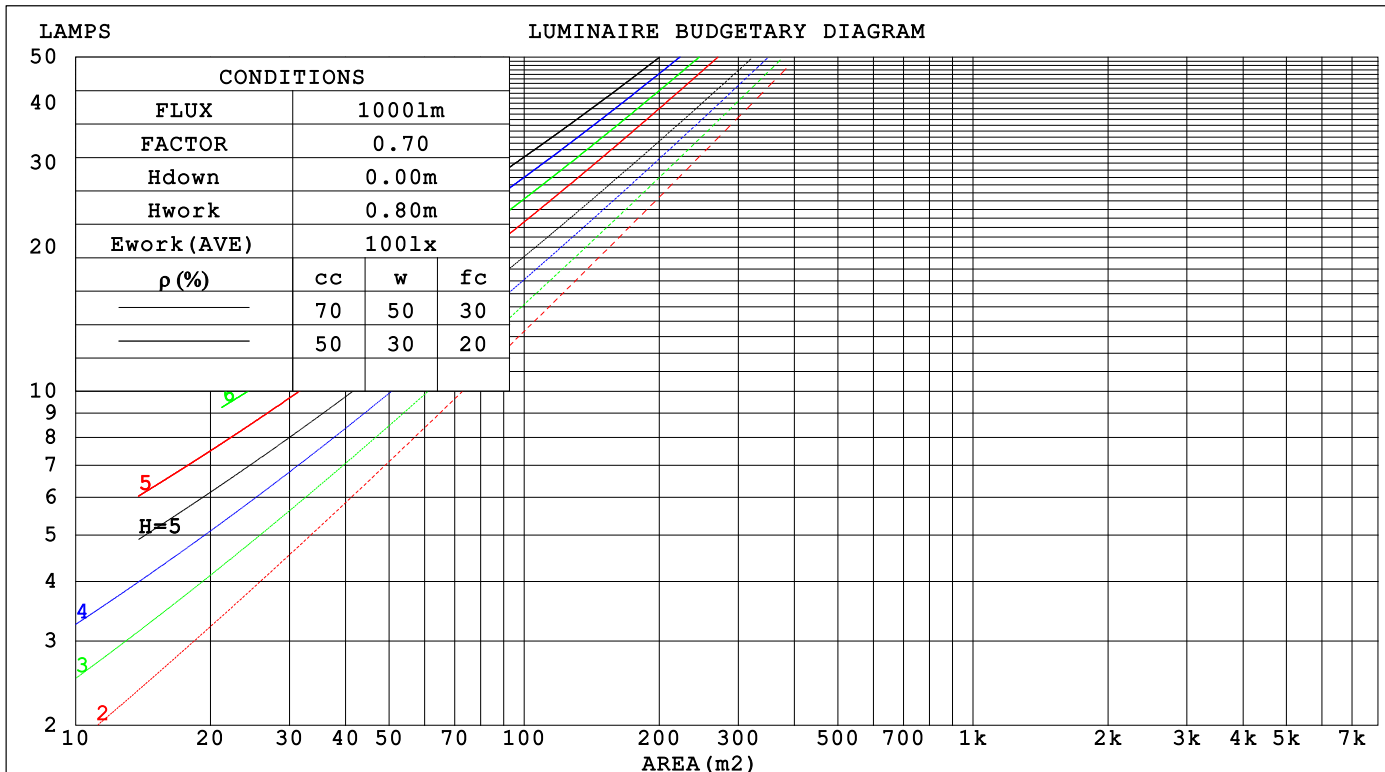
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	1.06	1.02	.99	1.04	1.00	.97	.99	.96	.94	.95	.93	.91	.91	.90	.88	.86
2.0	.94	.89	.84	.93	.87	.83	.89	.84	.81	.86	.82	.79	.83	.79	.77	.75
3.0	.85	.78	.72	.83	.77	.71	.80	.75	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.77	.69	.63	.75	.68	.62	.73	.66	.62	.70	.65	.61	.68	.64	.60	.58
5.0	.69	.62	.56	.68	.61	.55	.66	.60	.55	.64	.59	.54	.62	.57	.53	.51
6.0	.63	.55	.50	.62	.55	.49	.61	.54	.49	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.50	.45	.57	.50	.44	.56	.49	.44	.54	.48	.44	.53	.48	.43	.42
8.0	.54	.46	.40	.53	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.39	.38
9.0	.49	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.33	.43	.38	.33	.43	.37	.33	.32



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	.267	.152	.048	.260	.148	.047	.247	.141	.045	.234	.135	.043	.223	.129	.042		
2.0	.251	.137	.042	.245	.135	.041	.233	.129	.040	.222	.124	.039	.212	.120	.038		
3.0	.234	.124	.037	.228	.122	.037	.218	.118	.036	.208	.114	.035	.199	.110	.034		
4.0	.218	.113	.033	.213	.111	.033	.204	.108	.032	.195	.105	.032	.187	.102	.031		
5.0	.203	.104	.030	.199	.102	.030	.191	.099	.029	.183	.097	.029	.176	.094	.028		
6.0	.190	.095	.027	.187	.094	.027	.179	.092	.027	.173	.090	.026	.166	.088	.026		
7.0	.179	.088	.025	.176	.087	.025	.169	.085	.025	.163	.084	.024	.157	.082	.024		
8.0	.169	.082	.023	.165	.081	.023	.160	.080	.023	.154	.078	.023	.149	.077	.022		
9.0	.159	.077	.022	.156	.076	.021	.151	.075	.021	.146	.073	.021	.142	.072	.021		
10.0	.151	.072	.020	.148	.072	.020	.143	.070	.020	.139	.069	.020	.135	.068	.019		

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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021		
1.0	.185	.164	.145	.158	.141	.125	.108	.097	.086	.062	.056	.050	.020	.018	.016		
2.0	.174	.140	.110	.149	.120	.096	.102	.083	.067	.059	.048	.039	.019	.016	.013		
3.0	.165	.122	.087	.142	.105	.075	.097	.073	.053	.056	.043	.031	.018	.014	.010		
4.0	.157	.108	.071	.134	.093	.061	.092	.065	.043	.053	.038	.026	.017	.012	.008		
5.0	.149	.097	.059	.128	.084	.051	.088	.059	.036	.051	.034	.021	.016	.011	.007		
6.0	.142	.089	.050	.122	.077	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006		
7.0	.136	.081	.044	.117	.071	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005		
8.0	.130	.076	.039	.112	.066	.034	.077	.046	.024	.045	.027	.014	.015	.009	.005		
9.0	.124	.071	.035	.107	.061	.030	.074	.043	.021	.043	.025	.013	.014	.008	.004		
10.0	.119	.066	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.: 4000K			DIM.:			SERIAL No.:				
MFR.: EVERFINE			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	9.5	10.8	9.7	11.0	11.2	9.5	10.8	9.8	11.0	11.2
3H	10.4	11.7	10.7	11.9	12.1	10.5	11.7	10.8	11.9	12.2
4H	11.2	12.3	11.5	12.6	12.9	11.1	12.3	11.5	12.5	12.8
6H	11.8	12.9	12.1	13.2	13.5	11.8	12.9	12.1	13.2	13.4
8H	12.1	13.1	12.4	13.4	13.7	12.1	13.1	12.4	13.4	13.7
12H	12.3	13.3	12.6	13.6	13.9	12.2	13.3	12.6	13.6	13.9
4H 2H	9.8	11.0	10.2	11.3	11.5	9.9	11.0	10.2	11.3	11.5
3H	11.1	12.1	11.5	12.4	12.7	11.1	12.1	11.4	12.4	12.7
4H	12.0	12.9	12.4	13.3	13.6	11.9	12.8	12.3	13.2	13.5
6H	12.8	13.6	13.2	14.0	14.4	12.8	13.6	13.2	14.0	14.3
8H	13.2	13.9	13.6	14.3	14.7	13.1	13.9	13.5	14.3	14.7
12H	13.4	14.1	13.9	14.5	14.9	13.4	14.1	13.8	14.5	14.9
8H 4H	12.3	13.0	12.7	13.4	13.8	12.2	12.9	12.6	13.3	13.7
6H	13.3	13.9	13.7	14.3	14.8	13.2	13.9	13.7	14.3	14.7
8H	13.7	14.3	14.2	14.7	15.2	13.7	14.3	14.2	14.7	15.2
12H	14.1	14.6	14.6	15.1	15.6	14.1	14.6	14.6	15.0	15.5
12H 4H	12.3	13.0	12.7	13.4	13.8	12.2	12.9	12.7	13.3	13.7
6H	13.4	13.9	13.9	14.4	14.8	13.3	13.9	13.8	14.3	14.8
8H	13.9	14.4	14.4	14.9	15.4	13.9	14.4	14.4	14.8	15.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.4 / - 0.3					+ 0.4 / - 0.3				
2.0H	+ 0.8 / - 0.5					+ 0.8 / - 0.5				

CIE Pub.117, 4436 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.2)
Area: 0.345 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

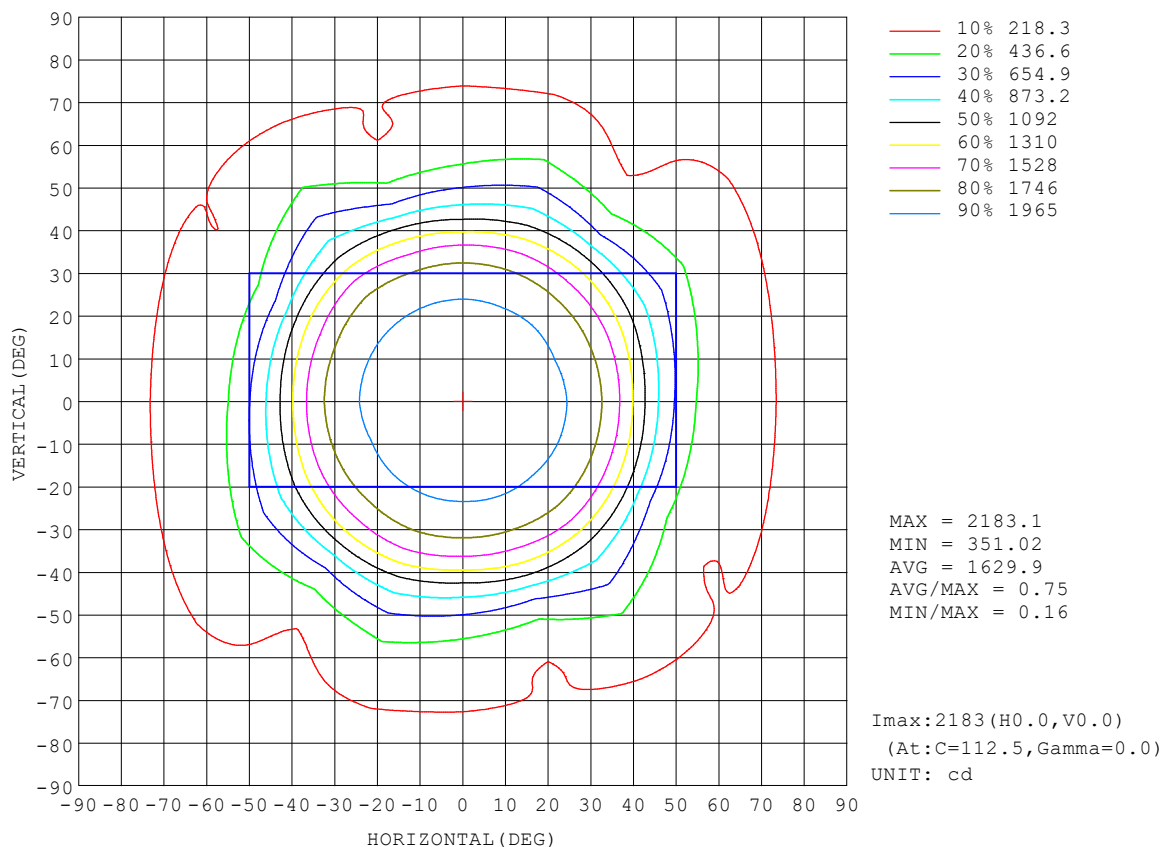
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	57	51	46
0.80	77	67	61	76	67	61	74	66	60	54
1.00	84	75	69	83	74	68	81	75	68	62
1.25	90	81	76	89	81	75	86	79	74	68
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	87	98	91	86	94	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	99	95	92	84
4.00	108	104	100	106	102	98	102	98	96	87
5.00	110	106	103	108	104	101	103	101	98	89
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: 25.3°C
Operators: DAMIN
Test Date: 2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 9.401m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

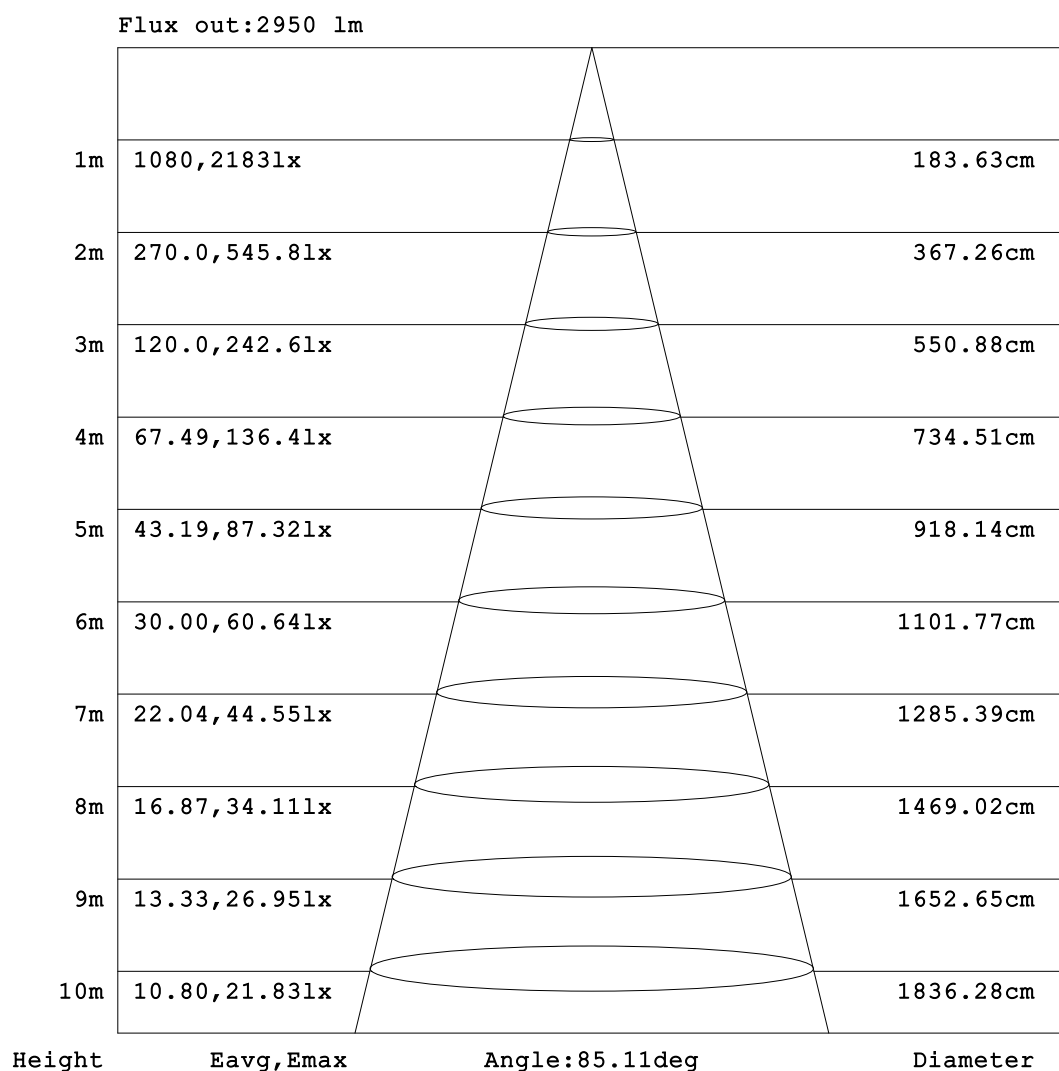


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



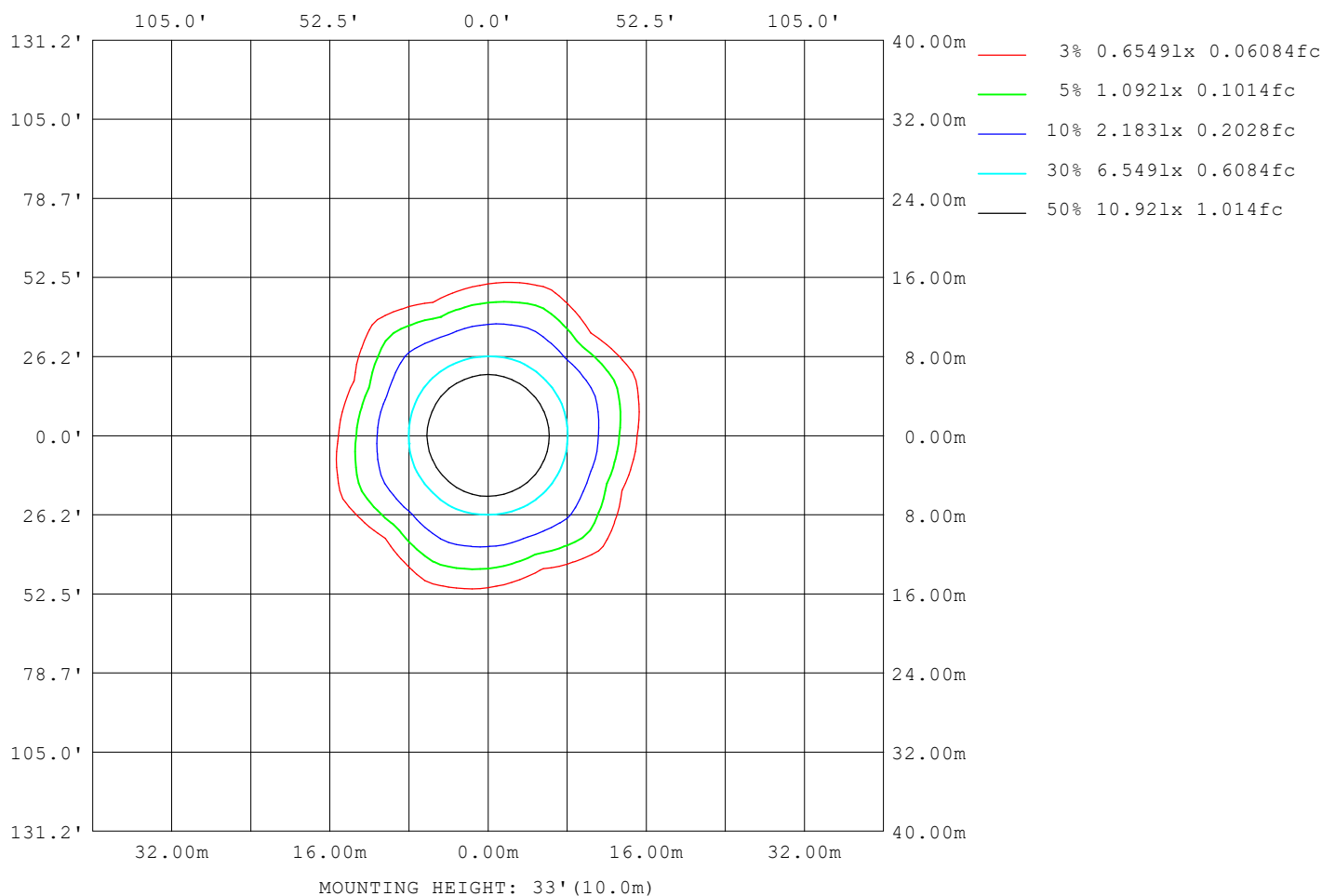
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2025-12-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

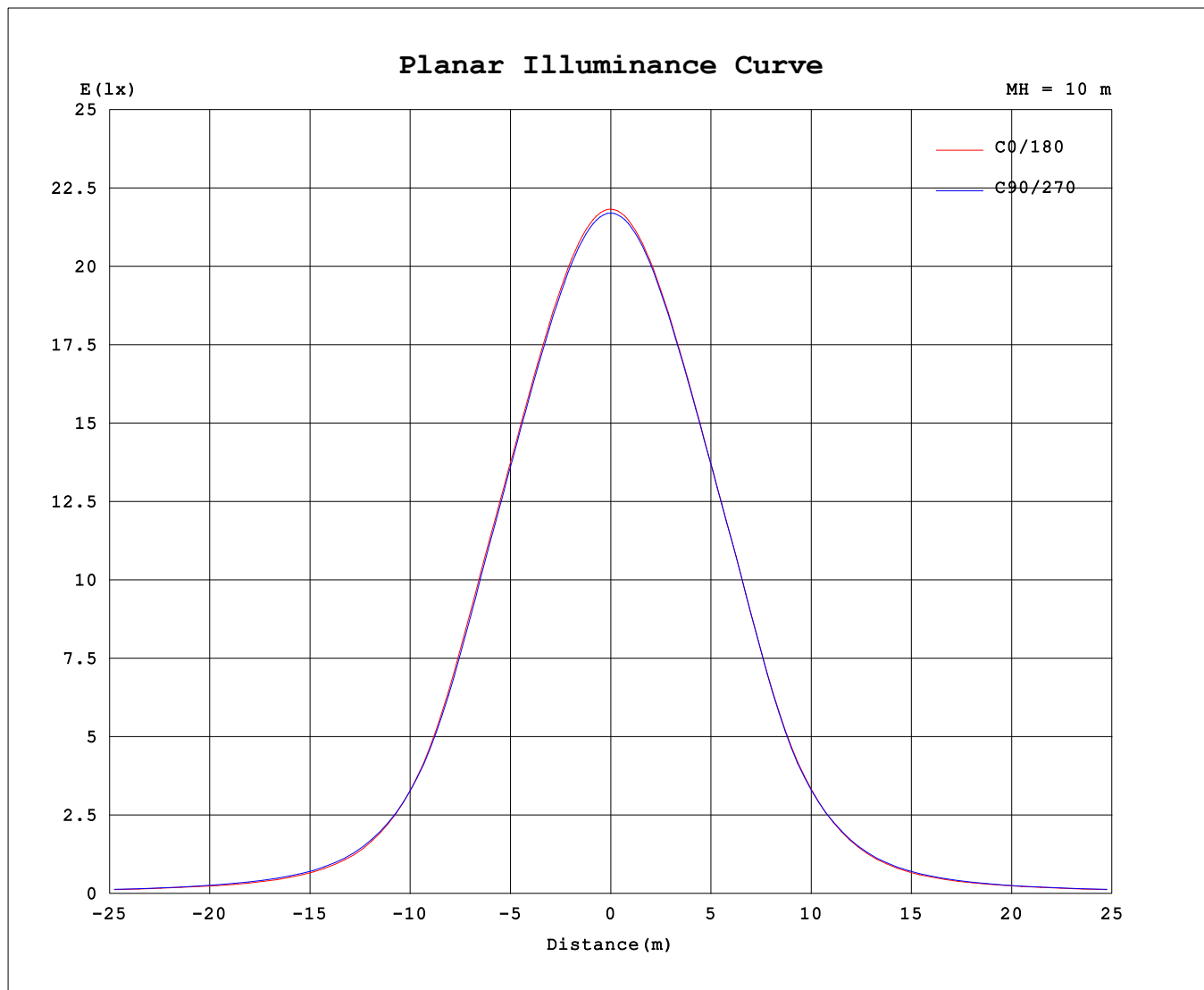
AvgL	cd/m2
L_0~180 (65) av	1828
L_0~180 (75) av	2226
L_0~180 (85) av	2251
L_90~270 (65) av	1970
L_90~270 (75) av	2224
L_90~270 (85) av	2214
L_45 (65) av	1778
L_45 (75) av	1814
L_45 (85) av	2601

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-12-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 65.0%
Test Distance: 9.401m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.26V I:0.1646A P:37.175W PF:0.9808 Freq:50.00Hz Lamp Flux:4435.75x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.: 4000K									DIM.:						SERIAL No.:		
MFR.: EVERFINE									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	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172	2172			
5	2164	2164	2163	2163	2163	2163	2162	2162	2162	2162	2163	2164	2164	2163	2164	2163			
10	2137	2137	2136	2136	2135	2135	2133	2133	2134	2135	2137	2137	2138	2136	2137	2136			
15	2092	2092	2090	2090	2087	2088	2086	2086	2089	2089	2091	2091	2093	2091	2092	2091			
20	2028	2028	2023	2026	2023	2024	2024	2023	2024	2024	2024	2024	2026	2030	2028	2031	2028		
25	1944	1945	1938	1940	1938	1942	1942	1939	1940	1940	1940	1943	1947	1946	1950	1946			
30	1828	1828	1825	1818	1816	1822	1813	1820	1821	1821	1831	1824	1830	1828	1825	1829			
35	1628	1628	1640	1605	1606	1627	1603	1621	1616	1610	1657	1610	1627	1633	1615	1633			
40	1292	1300	1308	1304	1274	1325	1312	1320	1287	1306	1323	1294	1286	1330	1328	1333			
45	925	904	976	914	927	986	923	992	937	906	992	900	936	998	945	995			
50	630	579	755	576	654	736	596	743	645	581	768	573	660	759	596	740			
55	425	381	563	375	455	530	393	538	432	382	570	377	454	549	391	534			
60	313	268	415	256	347	401	254	400	319	267	423	258	340	405	251	398			
65	265	214	322	203	290	328	193	326	268	219	336	205	284	328	186	330			
70	244	215	246	207	249	260	178	264	242	217	255	214	259	265	166	270			
75	198	191	162	185	194	199	165	199	199	190	162	188	204	194	160	196			
80	132	133	124	129	138	150	136	147	142	131	127	136	137	141	127	134			
85	66.6	70.8	74.1	70.5	65.6	84.9	80.5	87.4	68.8	68.6	80.6	75.8	67.5	83.2	77.6	80.3			
90	3.36	3.71	3.36	3.57	3.72	5.30	4.80	5.82	4.27	4.20	5.06	4.48	4.70	4.97	4.91	4.76			
95	1.86	1.92	1.89	1.95	1.92	2.00	1.97	2.00	2.36	2.29	2.30	2.28	2.31	2.27	2.33	2.24			
100	2.37	2.41	2.36	2.46	2.45	2.51	2.55	2.53	3.01	2.96	2.92	2.93	2.94	2.87	2.95	2.81			
105	3.05	3.12	3.04	3.19	3.17	3.22	3.31	3.25	3.84	3.81	3.74	3.77	3.74	3.67	3.77	3.61			
110	3.91	3.97	3.85	4.05	4.03	4.08	4.21	4.11	4.82	4.78	4.67	4.73	4.70	4.61	4.74	4.54			
115	4.85	4.93	4.79	5.04	5.00	5.03	5.21	5.08	5.89	5.86	5.70	5.81	5.75	5.64	5.79	5.56			
120	5.83	5.92	5.76	6.02	5.99	6.00	6.20	6.08	6.98	6.95	6.77	6.89	6.82	6.71	6.86	6.61			
125	6.81	6.91	6.72	7.02	6.98	6.98	7.19	7.06	8.03	7.98	7.80	7.93	7.86	7.73	7.87	7.64			
130	7.73	7.81	7.64	7.95	7.90	7.90	8.09	7.98	8.95	8.91	8.72	8.85	8.80	8.64	8.79	8.55			
135	8.60	8.64	8.50	8.80	8.76	8.77	8.93	8.84	9.82	9.77	9.61	9.71	9.69	9.51	9.64	9.44			
140	9.41	9.43	9.34	9.62	9.56	9.60	9.72	9.66	10.6	10.6	10.4	10.5	10.5	10.3	10.4	10.3			
145	10.2	10.2	10.1	10.4	10.3	10.4	10.5	10.5	11.3	11.3	11.2	11.2	11.2	11.1	11.2	11.0			
150	10.9	11.0	10.9	11.1	11.0	11.1	11.2	11.2	12.0	12.0	12.0	11.9	11.9	11.8	11.9	11.7			
155	11.7	11.8	11.8	11.9	11.8	11.9	12.0	12.0	12.8	12.7	12.7	12.6	12.7	12.6	12.7	12.5			
160	12.7	12.8	12.8	12.9	12.8	13.0	13.0	13.0	13.7	13.6	13.7	13.6	13.6	13.5	13.6	13.5			
165	13.8	14.0	13.9	14.0	14.0	14.2	14.2	14.2	14.7	14.6	14.7	14.7	14.6	14.6	14.7	14.6			
170	14.9	15.0	14.9	15.0	15.1	15.3	15.1	15.2	15.6	15.5	15.6	15.7	15.6	15.5	15.6	15.6			
175	15.8	15.9	15.7	15.9	16.0	16.1	15.9	16.0	16.3	16.1	16.1	16.2	16.3	16.1	16.1	16.2			
180	16.4	16.4	16.2	16.3	16.5	16.4	16.3	16.4	16.4	16.3	16.3	16.3	16.5	16.4	16.4	16.4			

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