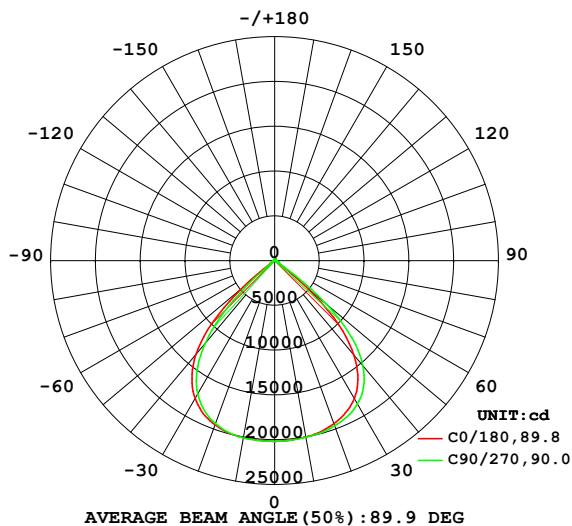


LUMINAIRE PHOTOMETRIC TEST REPORT

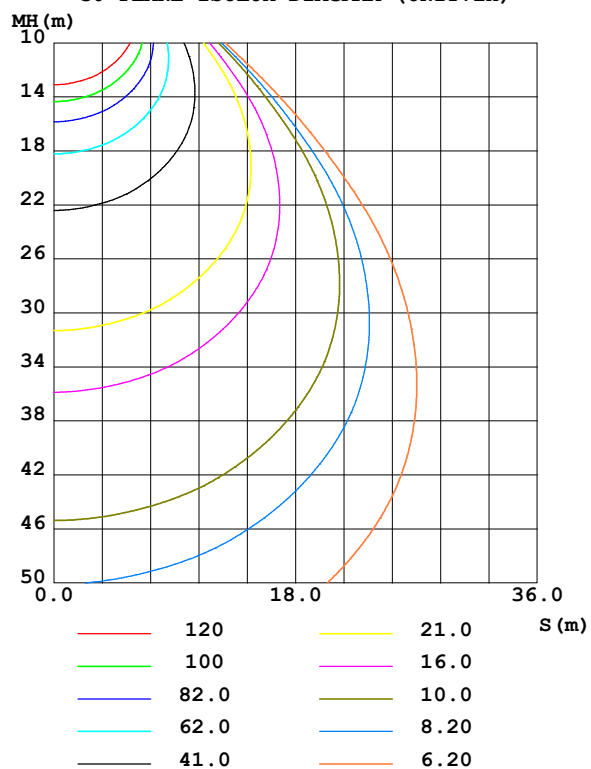
Test:U:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 145.54 lm/W
MODEL	415-300	I _{max} (cd)	20186	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	250	LOR(%)	100.0	S/MH(C90/270)	1.22	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	36018	η UP,DN(C0-180)	0.5,52.6	
NOMINAL FLUX(lm)	36017.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,46.3	
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down (%)	98.9	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-11-25

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	2000	2000	2003	2004	2007	2007	2010	2007	0- 10	1919	1919	5.33,5.33
20	1937	1950	1962	1955	1950	1936	1936	1944	10- 20	5609	7529	20.9,20.9
30	1779	1823	1849	1816	1777	1722	1719	1760	20- 30	8658	16187	44.9,44.9
40	1374	1495	1532	1449	1369	1239	1208	1303	30- 40	10027	26213	72.8,72.8
50	482.0	721.9	757.2	614.7	464.2	252.3	189.4	324.2	40- 50	7412	33626	93.4,93.4
60	60.34	79.35	64.83	58.69	50.13	42.20	40.15	46.47	50- 60	1427	35053	97.3,97.3
70	31.27	36.60	32.42	27.63	25.66	20.34	22.13	23.08	60- 70	387.7	35441	98.4,98.4
80	6.780	10.24	10.12	8.010	6.903	4.647	3.950	5.326	70- 80	169.2	35610	98.9,98.9
90	0.2330	0.2404	0.1983	0.2309	0.3712	0.5653	0.6132	0.4854	80- 90	24.66	35634	98.9,98.9
100	0.9389	0.6442	0.6016	0.8083	1.395	1.933	2.098	1.759	90-100	8.041	35642	99,99
110	2.580	2.018	1.928	2.329	3.371	4.166	4.416	3.913	100-110	22.39	35665	99,99
120	4.934	4.158	4.031	4.556	5.925	6.853	7.147	6.550	110-120	42.24	35707	99.1,99.1
130	7.297	6.411	6.214	6.773	8.368	9.344	9.605	9.035	120-130	60.27	35767	99.3,99.3
140	9.226	8.346	8.169	8.605	10.34	11.29	11.70	10.98	130-140	68.50	35836	99.5,99.5
150	11.01	10.18	10.08	10.23	12.10	12.98	13.31	12.58	140-150	67.07	35903	99.7,99.7
160	12.88	12.07	11.82	12.05	13.85	14.94	15.41	14.79	150-160	57.15	35960	99.8,99.8
170	15.74	15.08	14.87	15.35	16.40	17.15	17.57	17.46	160-170	41.71	36002	100,100
180	17.46	17.51	17.48	17.83	17.57	17.59	17.55	17.87	170-180	16.11	36018	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 30632 lm

%lum = 85.0%

%lamp = 85.0%

Conical surface Flux(130deg): 35277 lm

%lum = 97.9%

%lamp = 97.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-11-25

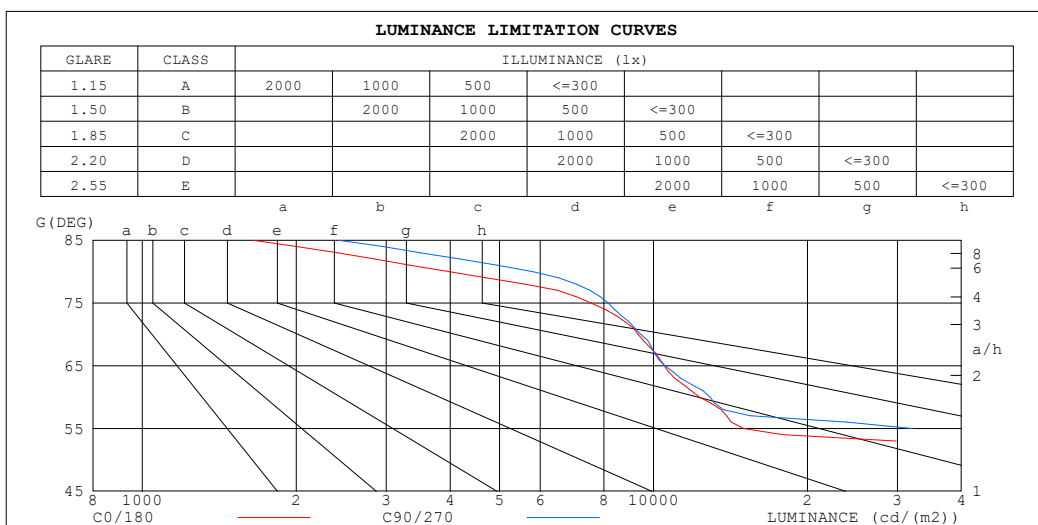
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz

Lamp Flux:36017.9x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



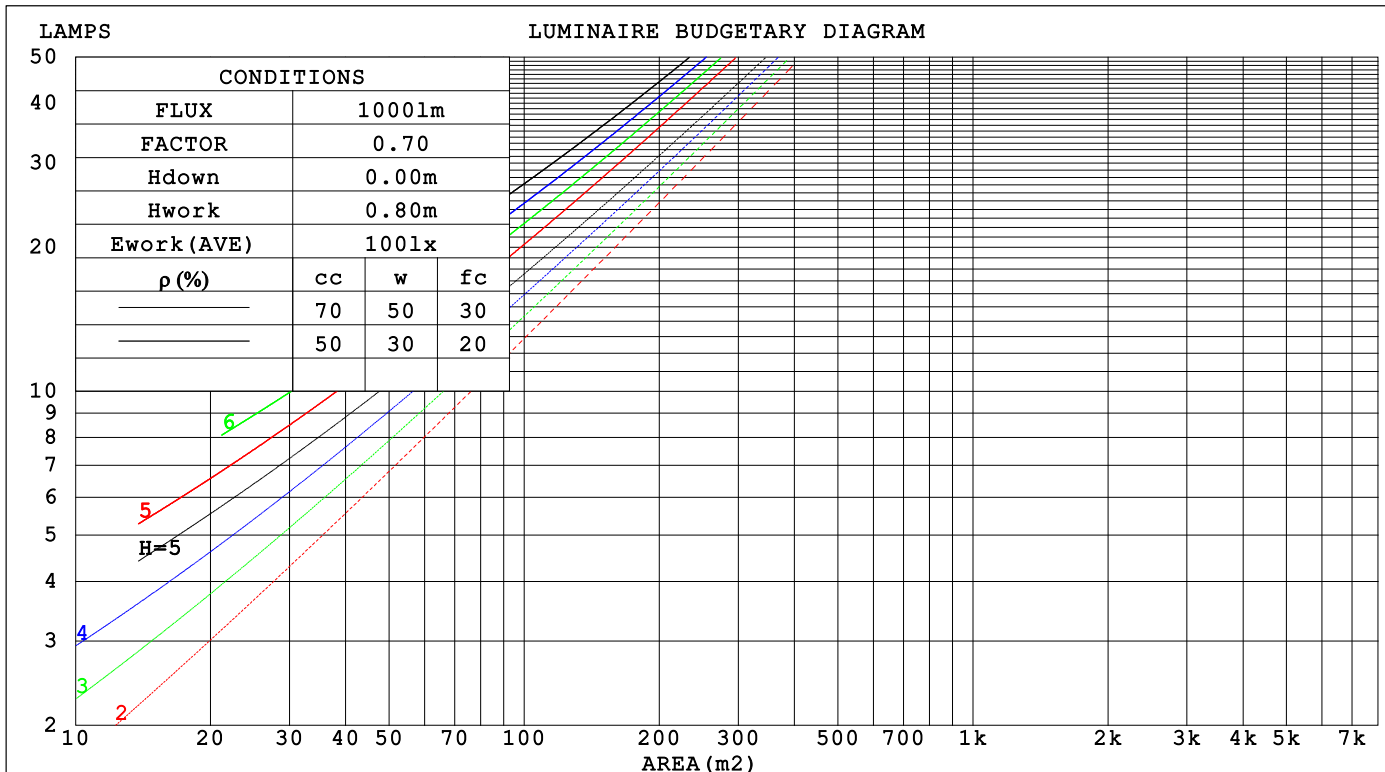
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-11-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	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	1.09	1.06	1.03	1.07	1.04	1.02	1.02	1.00	.98	.98	.97	.95	.95	.93	.92	.90														
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.91	.88	.85	.88	.85	.83	.81														
3.0	.91	.85	.80	.89	.83	.79	.86	.81	.78	.83	.79	.76	.81	.78	.75	.73														
4.0	.83	.76	.71	.81	.75	.70	.79	.74	.69	.77	.72	.68	.75	.71	.68	.66														
5.0	.76	.69	.63	.75	.68	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59														
6.0	.70	.62	.57	.69	.62	.57	.67	.61	.56	.65	.60	.56	.64	.59	.55	.54														
7.0	.64	.57	.52	.63	.56	.52	.62	.56	.51	.60	.55	.51	.59	.54	.50	.49														
8.0	.59	.52	.47	.58	.52	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.44														
9.0	.55	.48	.43	.54	.47	.43	.53	.47	.43	.52	.46	.42	.51	.46	.42	.41														
10.0	.51	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.39	.48	.42	.39	.37														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	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	.210	.120	.038	.203	.116	.037	.190	.109	.035	.177	.102	.033	.166	.096	.031		
2.0	.205	.112	.034	.199	.110	.034	.187	.104	.032	.177	.099	.031	.167	.095	.030		
3.0	.197	.105	.031	.192	.103	.031	.182	.098	.030	.172	.094	.029	.164	.091	.028		
4.0	.188	.098	.029	.183	.096	.028	.175	.093	.028	.166	.089	.027	.159	.086	.026		
5.0	.179	.091	.026	.175	.090	.026	.167	.087	.026	.160	.084	.025	.153	.082	.025		
6.0	.171	.086	.024	.167	.084	.024	.160	.082	.024	.154	.080	.023	.148	.078	.023		
7.0	.163	.080	.023	.159	.079	.023	.153	.077	.022	.147	.076	.022	.142	.074	.022		
8.0	.155	.076	.021	.152	.075	.021	.146	.073	.021	.141	.072	.021	.136	.070	.020		
9.0	.148	.071	.020	.145	.071	.020	.140	.069	.020	.135	.068	.019	.131	.066	.019		
10.0	.141	.068	.019	.139	.067	.019	.134	.066	.018	.130	.064	.018	.126	.063	.018		

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021		
1.0	.182	.165	.150	.155	.142	.129	.106	.098	.090	.061	.056	.052	.020	.018	.017		
2.0	.169	.141	.117	.145	.121	.101	.099	.084	.070	.057	.049	.041	.018	.016	.013		
3.0	.159	.122	.093	.136	.105	.081	.093	.073	.057	.054	.043	.033	.017	.014	.011		
4.0	.150	.108	.076	.129	.093	.066	.089	.065	.046	.051	.038	.027	.016	.012	.009		
5.0	.143	.097	.063	.123	.084	.055	.084	.059	.039	.049	.034	.023	.016	.011	.008		
6.0	.136	.088	.054	.117	.076	.047	.081	.053	.033	.047	.031	.020	.015	.010	.006		
7.0	.130	.081	.047	.112	.070	.041	.077	.049	.029	.045	.029	.017	.015	.009	.006		
8.0	.125	.075	.041	.107	.065	.036	.074	.046	.025	.043	.027	.015	.014	.009	.005		
9.0	.120	.070	.037	.103	.061	.032	.071	.043	.023	.042	.025	.014	.013	.008	.004		
10.0	.115	.066	.033	.099	.057	.029	.069	.040	.021	.040	.024	.012	.013	.008	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			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	14.3	15.5	14.6	15.7	15.9	15.1	16.2	15.3	16.4	16.6
3H	14.2	15.3	14.5	15.5	15.7	14.9	16.0	15.2	16.2	16.4
4H	14.1	15.1	14.4	15.4	15.6	14.8	15.8	15.1	16.1	16.3
6H	14.0	15.0	14.4	15.2	15.5	14.7	15.7	15.1	15.9	16.2
8H	14.0	14.9	14.3	15.2	15.5	14.7	15.6	15.0	15.9	16.2
12H	13.9	14.8	14.3	15.1	15.4	14.6	15.5	15.0	15.8	16.1
4H 2H	14.1	15.1	14.4	15.4	15.6	14.8	15.8	15.1	16.1	16.3
3H	14.0	14.8	14.3	15.1	15.5	14.7	15.5	15.0	15.8	16.1
4H	13.9	14.7	14.3	15.0	15.4	14.6	15.4	15.0	15.7	16.0
6H	13.8	14.5	14.2	14.9	15.3	14.5	15.2	14.9	15.6	15.9
8H	13.8	14.4	14.2	14.8	15.2	14.5	15.1	14.9	15.5	15.9
12H	13.8	14.3	14.2	14.7	15.1	14.4	15.0	14.9	15.4	15.8
8H 4H	13.8	14.4	14.2	14.8	15.2	14.5	15.1	14.9	15.5	15.9
6H	13.7	14.2	14.2	14.7	15.1	14.4	14.9	14.9	15.3	15.8
8H	13.7	14.1	14.2	14.6	15.0	14.4	14.8	14.8	15.2	15.7
12H	13.6	14.0	14.1	14.5	15.0	14.3	14.7	14.8	15.2	15.7
12H 4H	13.8	14.3	14.2	14.7	15.1	14.4	15.0	14.9	15.4	15.8
6H	13.7	14.1	14.1	14.6	15.0	14.4	14.8	14.8	15.2	15.7
8H	13.6	14.0	14.1	14.5	15.0	14.3	14.7	14.8	15.2	15.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.7 / - 8.7					+ 2.7 / - 8.6				
1.5H	+ 1.9 / - 9.0					+ 1.6 / - 8.8				
2.0H	+ 5.8 / - 8.3					+ 5.4 / - 9.3				

CIE Pub.117, 36018 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 12.5)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

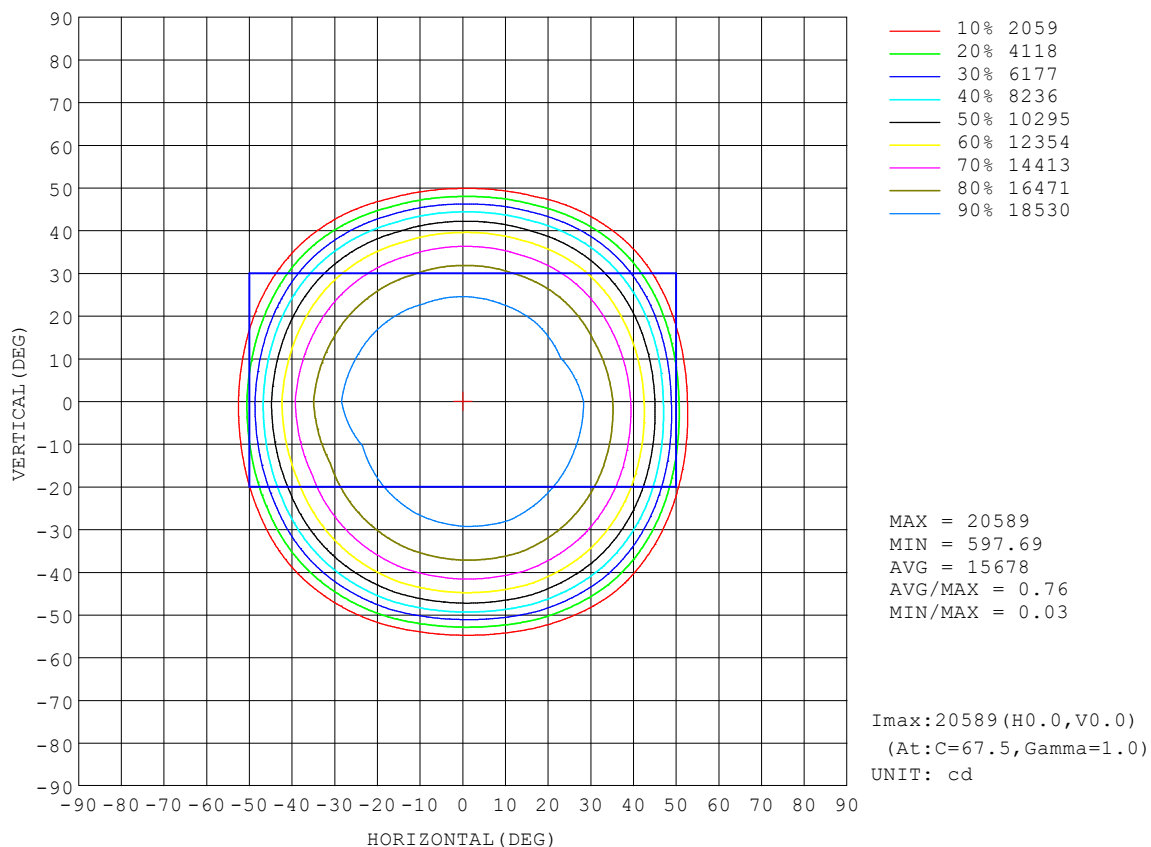
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	66	61	74	65	60	73	65	60	55
0.80	84	76	70	83	75	70	81	74	70	65
1.00	91	83	78	90	83	78	88	83	78	72
1.25	96	90	85	95	89	85	93	88	84	78
1.50	100	94	89	99	93	89	96	91	88	82
2.00	105	99	95	103	98	94	100	96	93	86
2.50	107	102	98	105	100	97	101	98	95	88
3.00	109	104	101	107	103	100	103	100	97	90
4.00	111	108	105	109	106	103	105	102	100	92
5.00	113	110	107	110	108	105	106	104	102	94
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: 2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

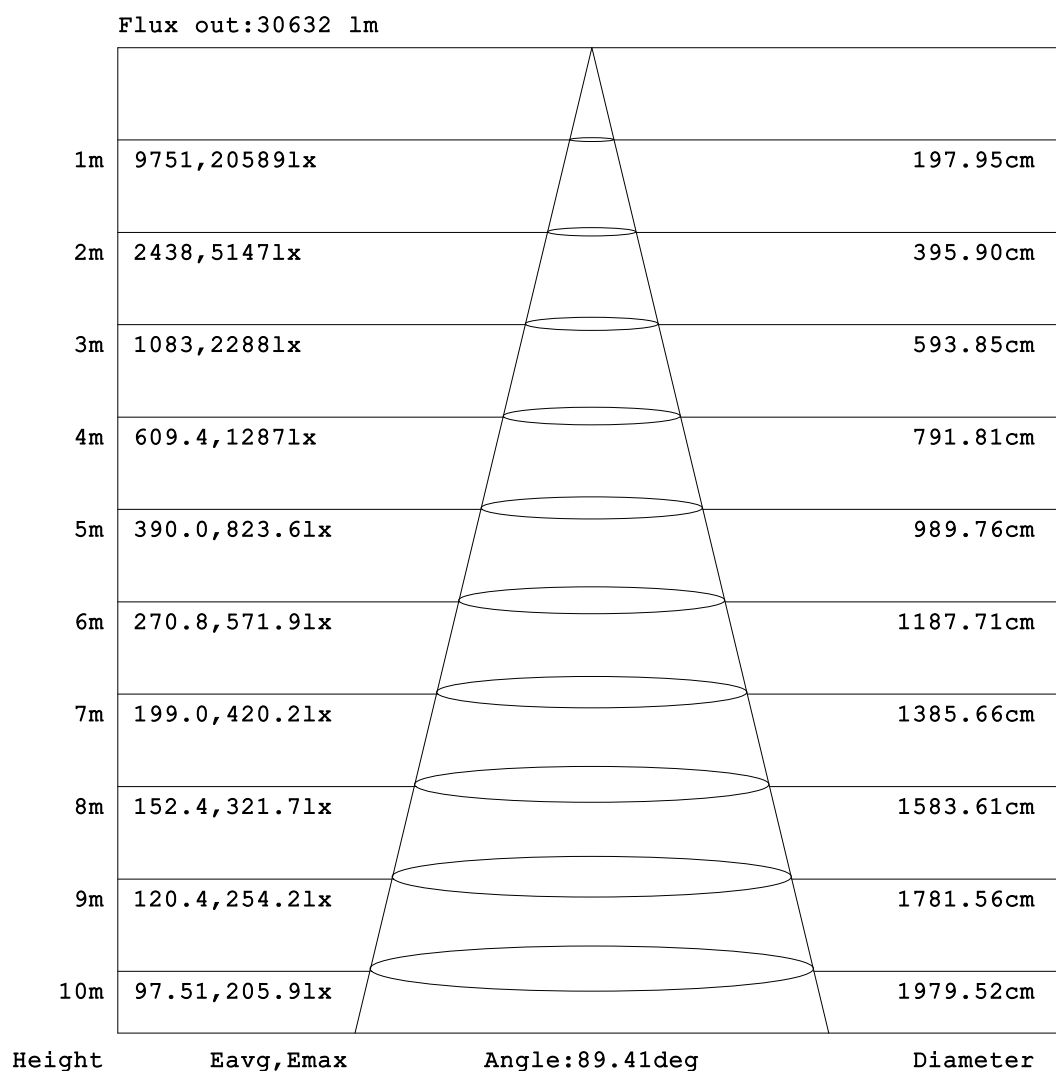


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



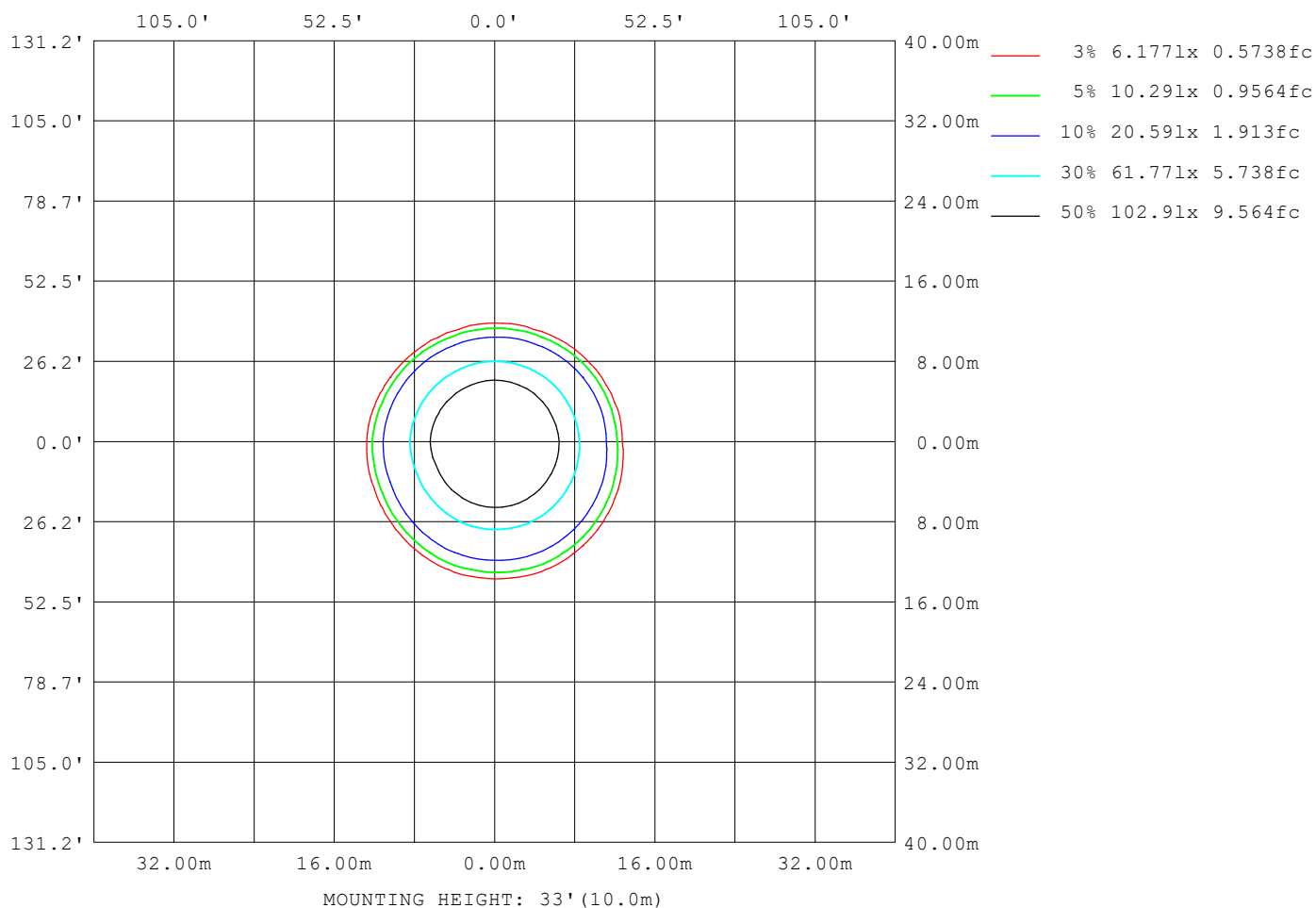
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	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:2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

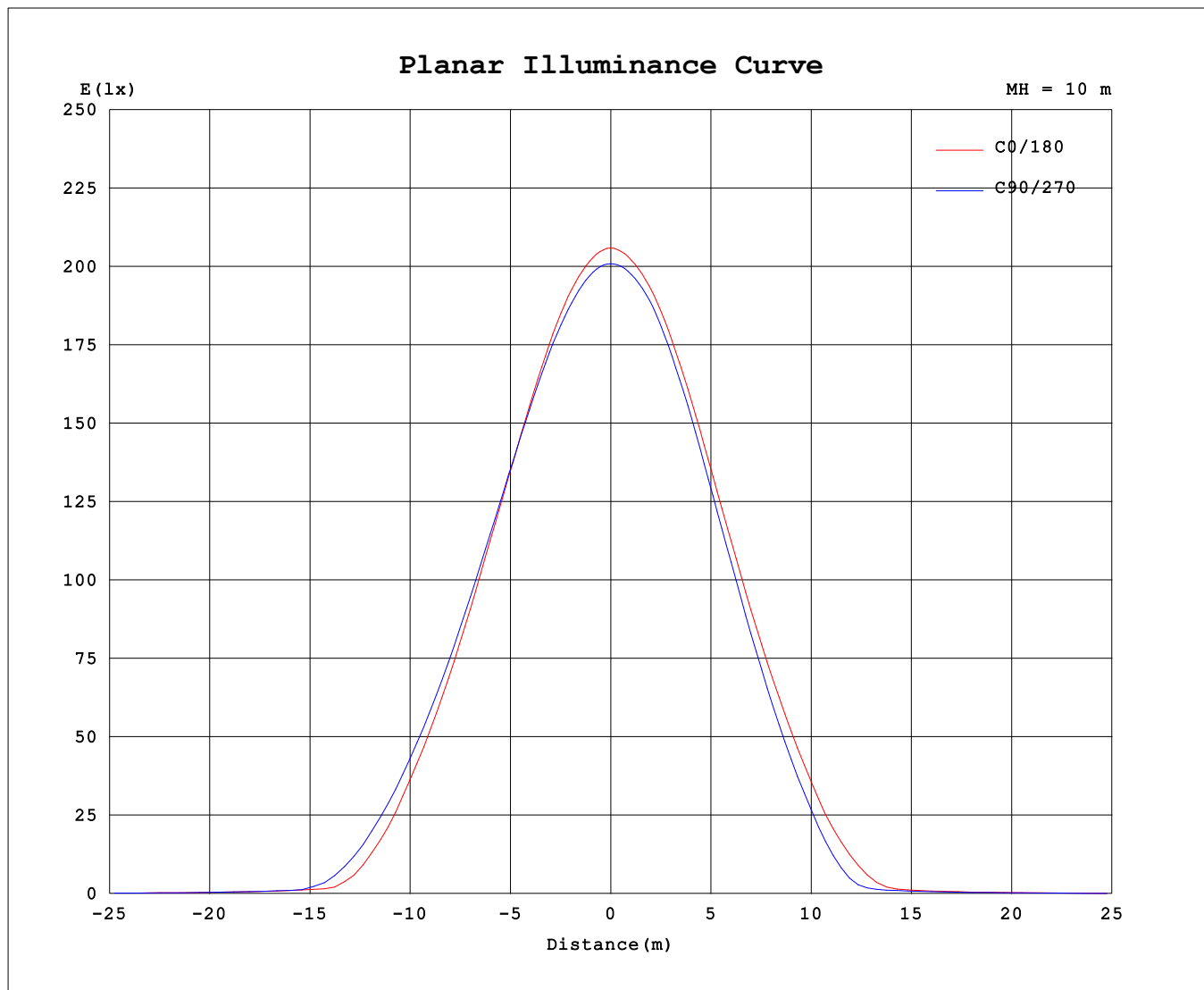
AvgL	cd/m2
L_0~180 (65) av	9435
L_0~180 (75) av	6780
L_0~180 (85) av	1750
L_90~270 (65) av	8933
L_90~270 (75) av	6486
L_90~270 (85) av	1670
L_45 (65) av	9255
L_45 (75) av	6113
L_45 (85) av	1748

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-11-25

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: 2025-11-25

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:229.79V I:1.0928A P:247.48W PF:0.9855 Freq:50.00Hz Lamp Flux:36017.9x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						Shielding Angle:		

Table--1

UNIT: X10cd

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	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018			
5	2012	2013	2014	2014	2014	2013	2013	2013	2013	2013	2014	2015	2016	2015	2016	2015			
10	2000	2000	2000	2003	2003	2004	2004	2005	2007	2005	2007	2007	2010	2008	2007	2004			
15	1980	1981	1982	1988	1990	1990	1989	1988	1991	1986	1984	1981	1986	1985	1984	1983			
20	1937	1943	1950	1960	1962	1961	1955	1950	1950	1941	1936	1928	1936	1937	1944	1942			
25	1874	1885	1899	1917	1920	1915	1904	1890	1885	1867	1854	1841	1851	1859	1875	1880			
30	1779	1800	1823	1848	1849	1840	1816	1789	1777	1747	1722	1707	1719	1731	1760	1779			
35	1621	1662	1699	1733	1731	1715	1675	1632	1612	1563	1527	1502	1514	1534	1578	1613			
40	1374	1439	1495	1537	1532	1509	1449	1395	1369	1297	1239	1196	1208	1234	1303	1353			
45	1011	1109	1184	1239	1227	1197	1110	1031	991	892	809	746	761	795	892	974			
50	482	613	722	779	757	722	615	506	464	346	252	182	189	216	324	426			
55	84.4	112	182	198	185	164	128	83.7	77.1	64.2	59.8	55.5	54.7	58.1	67.5	77.0			
60	60.3	74.1	79.4	68.3	64.8	64.0	58.7	50.9	50.1	46.3	42.2	38.9	40.1	40.9	46.5	55.4			
65	43.5	49.2	51.5	46.6	44.7	44.8	40.7	35.4	36.2	32.6	30.7	27.6	30.8	28.8	33.6	37.6			
70	31.3	33.4	36.6	31.8	32.4	29.7	27.6	24.9	25.7	21.5	20.3	18.3	22.1	19.1	23.1	24.9			
75	19.2	19.4	22.1	19.6	21.2	18.0	16.7	15.1	15.9	12.7	11.5	10.2	12.4	10.8	13.0	14.4			
80	6.78	8.80	10.2	9.71	10.1	8.69	8.01	7.05	6.90	5.44	4.65	3.84	3.95	4.15	5.33	6.15			
85	1.41	2.00	2.25	2.52	2.12	2.22	1.89	1.74	1.65	1.22	0.92	0.77	0.79	0.83	1.03	1.32			
90	0.23	0.21	0.24	0.22	0.20	0.22	0.23	0.26	0.37	0.47	0.57	0.63	0.61	0.58	0.49	0.40			
95	0.46	0.37	0.31	0.28	0.29	0.32	0.39	0.49	0.74	0.93	1.12	1.24	1.23	1.15	0.99	0.83			
100	0.94	0.77	0.64	0.57	0.60	0.66	0.81	0.97	1.40	1.66	1.93	2.12	2.10	1.99	1.76	1.52			
105	1.65	1.41	1.22	1.12	1.15	1.25	1.46	1.69	2.28	2.63	2.96	3.20	3.18	3.05	2.75	2.45			
110	2.58	2.27	2.02	1.88	1.93	2.06	2.33	2.61	3.37	3.76	4.17	4.42	4.42	4.25	3.91	3.55			
115	3.69	3.31	3.01	2.84	2.90	3.05	3.37	3.71	4.60	5.02	5.48	5.75	5.76	5.56	5.19	4.78			
120	4.93	4.51	4.16	3.98	4.03	4.20	4.56	4.94	5.93	6.38	6.85	7.15	7.15	6.94	6.55	6.12			
125	6.18	5.73	5.34	5.13	5.17	5.36	5.73	6.14	7.22	7.68	8.17	8.44	8.44	8.25	7.87	7.42			
130	7.30	6.82	6.41	6.19	6.21	6.41	6.77	7.19	8.37	8.83	9.34	9.59	9.61	9.42	9.03	8.56			
135	8.28	7.81	7.40	7.19	7.20	7.37	7.71	8.12	9.38	9.86	10.4	10.6	10.7	10.5	10.06	9.59			
140	9.23	8.75	8.35	8.17	8.17	8.31	8.61	9.01	10.3	10.8	11.3	11.6	11.7	11.4	11.0	10.5			
145	10.1	9.67	9.28	9.14	9.17	9.24	9.47	9.87	11.3	11.7	12.2	12.4	12.6	12.2	11.8	11.4			
150	11.0	10.6	10.2	10.1	10.1	10.1	10.2	10.6	12.1	12.6	13.0	13.2	13.3	13.0	12.6	12.1			
155	11.8	11.4	11.0	10.9	10.9	10.8	10.9	11.3	12.9	13.4	13.8	14.1	14.2	13.9	13.4	12.9			
160	12.9	12.4	12.1	11.9	11.8	11.8	12.1	12.5	13.8	14.3	14.9	15.2	15.4	15.2	14.8	14.1			
165	14.3	13.9	13.5	13.3	13.2	13.3	13.6	14.1	15.1	15.6	16.2	16.5	16.7	16.7	16.3	15.7			
170	15.7	15.4	15.1	15.0	14.9	15.0	15.3	15.9	16.4	16.7	17.1	17.3	17.6	17.6	17.5	17.1			
175	16.9	16.7	16.6	16.5	16.4	16.6	16.8	17.3	17.3	17.4	17.6	17.6	17.8	17.9	18.1	18.0			
180	17.5	17.5	17.5	17.5	17.5	17.7	17.8	18.1	17.6	17.5	17.6	17.4	17.6	17.6	17.9	18.1			

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