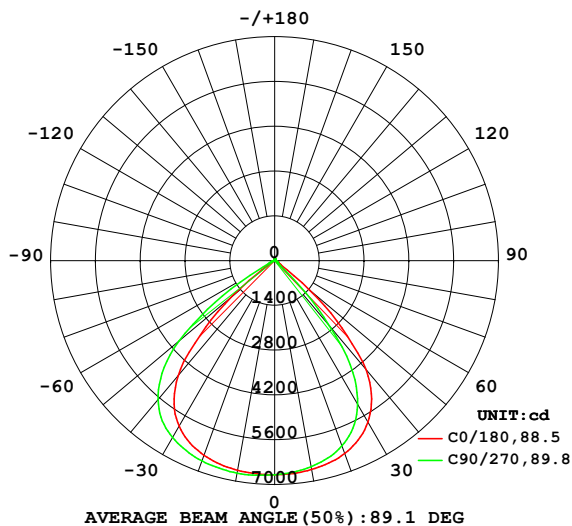


LUMINAIRE PHOTOMETRIC TEST REPORT

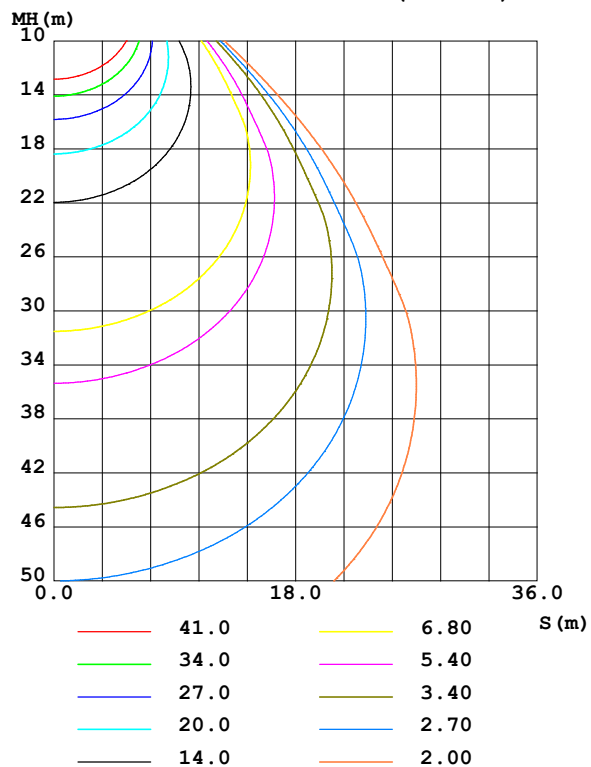
Test:U:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 151.48 lm/W
MODEL	415-100	I _{max} (cd)	6749	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.41	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	12150	η UP,DN(C0-180)	0.6,40.6	
NOMINAL FLUX(lm)	12149.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,58.2	
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230	η down(%)	98.8	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℃
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	6630	6559	6543	6582	6655	6707	6746	6701	0- 10	636.5	636.5	5.24,5.24
20	6412	6227	6159	6269	6470	6615	6659	6580	10- 20	1854	2490	20.5,20.5
30	5834	5374	5188	5487	5977	6299	6380	6240	20- 30	2855	5345	44,44
40	4452	3349	2665	3556	4698	5458	5669	5335	30- 40	3273	8618	70.9,70.9
50	1448	275.9	215.8	344.2	1738	3481	3897	3291	40- 50	2390	11008	90.6,90.6
60	181.8	127.6	107.2	133.3	187.2	282.4	572.2	249.4	50- 60	787.6	11796	97.1,97.1
70	86.81	48.80	37.21	55.32	97.13	127.7	137.5	121.4	60- 70	135.0	11931	98.2,98.2
80	23.23	6.686	2.272	7.708	28.10	57.68	71.08	49.72	70- 80	60.02	11991	98.7,98.7
90	2.518	3.416	3.805	3.107	2.801	9.375	13.81	8.061	80- 90	16.82	12007	98.8,98.8
100	5.498	7.822	8.571	7.126	6.303	4.421	3.559	4.396	90-100	5.344	12013	98.9,98.9
110	11.42	14.74	15.85	13.83	12.82	9.807	8.457	9.892	100-110	9.428	12022	99,99
120	19.39	23.19	24.24	22.25	21.10	17.49	15.97	17.79	110-120	15.98	12038	99.1,99.1
130	27.66	30.66	31.62	29.72	29.58	26.27	24.89	26.80	120-130	21.85	12060	99.3,99.3
140	34.56	36.85	38.30	35.99	36.67	33.89	32.94	34.59	130-140	24.77	12085	99.5,99.5
150	39.79	42.00	43.48	41.84	42.11	40.18	39.88	41.08	140-150	24.11	12109	99.7,99.7
160	46.63	50.31	51.49	49.09	48.52	45.67	45.47	46.65	150-160	20.42	12129	99.8,99.8
170	56.83	59.63	59.69	57.73	57.92	55.20	54.28	54.96	160-170	14.75	12144	100,100
180	62.28	62.72	61.69	61.33	62.51	62.84	61.78	61.39	170-180	5.652	12150	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10023 lm

%lum = 82.5%

%lamp = 82.5%

Conical surface Flux(130deg): 11876 lm

%lum = 97.7%

%lamp = 97.7%

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

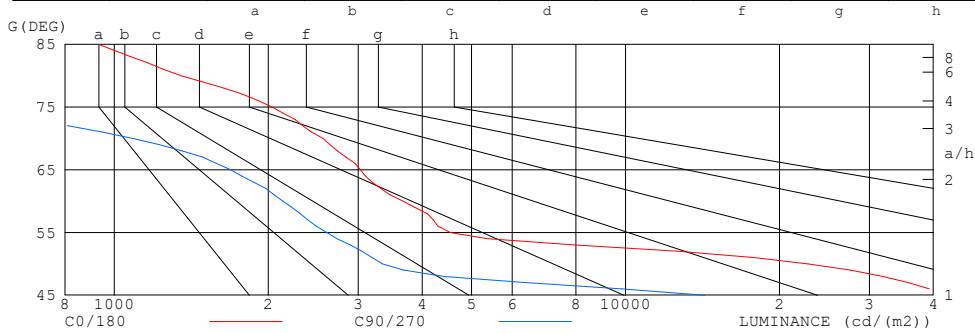
Test:U:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz

Lamp Flux:12149.7x1 lm

NAME:	TYPE:	WEIGHT:
SPEC.:	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	932	294
80	1350	131
75	2034	503
70	2561	1085
65	3028	1689
60	3669	2139
55	4542	2605
50	22734	3349
45	42561	14295

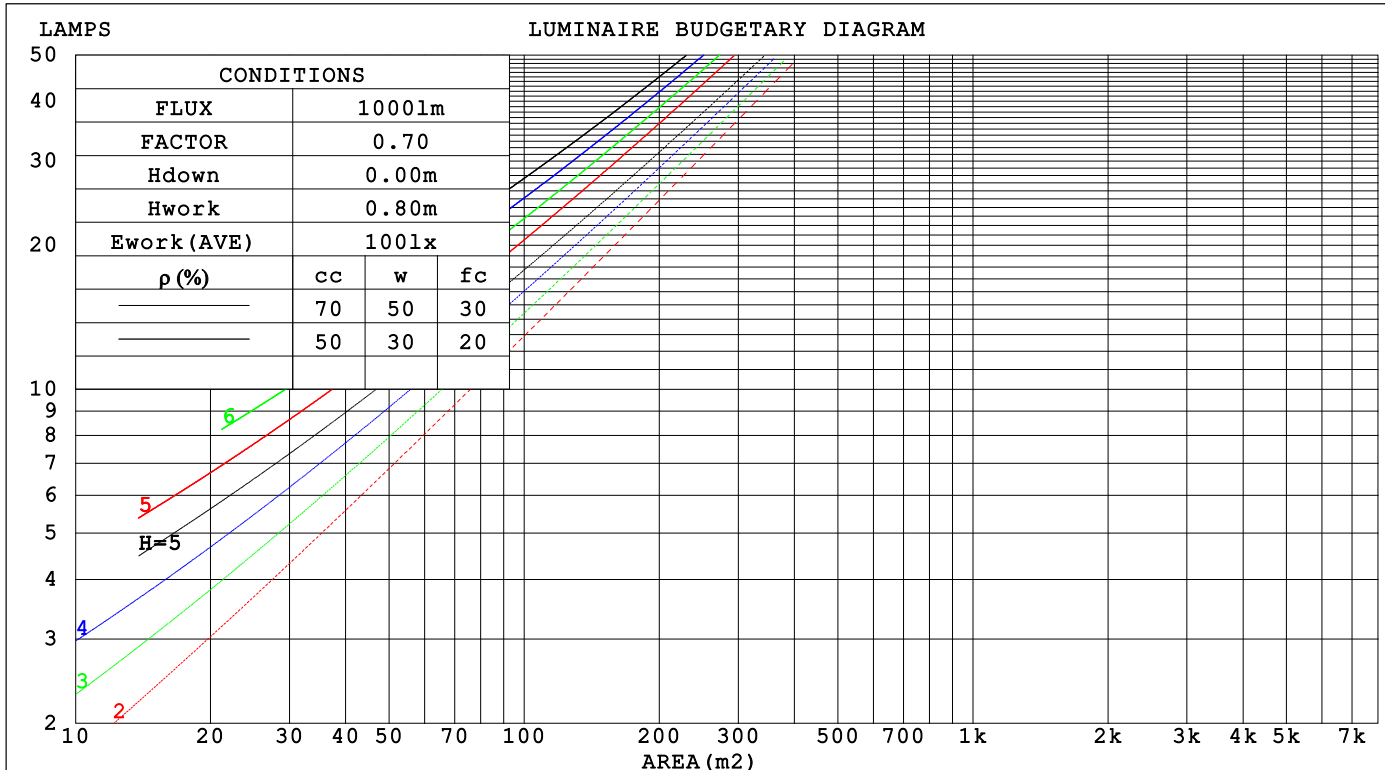
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-11-25

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99														
1.0	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.00	.98	.98	.96	.95	.94	.93	.92	.90														
2.0	.99	.94	.90	.97	.92	.89	.93	.90	.86	.90	.87	.84	.87	.85	.82	.81														
3.0	.90	.84	.79	.88	.83	.78	.85	.81	.77	.83	.79	.75	.80	.77	.74	.72														
4.0	.82	.75	.70	.81	.74	.70	.78	.73	.69	.76	.71	.68	.74	.70	.67	.65														
5.0	.75	.68	.63	.74	.67	.62	.72	.66	.61	.70	.65	.61	.68	.64	.60	.58														
6.0	.69	.61	.56	.68	.61	.56	.66	.60	.55	.64	.59	.55	.63	.58	.54	.53														
7.0	.63	.56	.51	.62	.56	.51	.61	.55	.50	.60	.54	.50	.58	.53	.49	.48														
8.0	.58	.51	.46	.58	.51	.46	.56	.50	.46	.55	.50	.45	.54	.49	.45	.43														
9.0	.54	.47	.42	.53	.47	.42	.52	.46	.42	.51	.46	.42	.50	.45	.41	.40														
10.0	.50	.43	.39	.50	.43	.39	.49	.43	.38	.48	.42	.38	.47	.42	.38	.36														



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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 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	.214	.122	.039	.207	.118	.037	.193	.111	.035	.181	.104	.033	.170	.098	.032		
2.0	.209	.114	.035	.203	.112	.034	.191	.106	.033	.180	.101	.032	.170	.096	.030		
3.0	.200	.107	.032	.195	.104	.031	.185	.100	.030	.176	.096	.030	.167	.092	.029		
4.0	.191	.099	.029	.186	.098	.029	.178	.094	.028	.169	.091	.027	.162	.088	.027		
5.0	.182	.093	.027	.178	.091	.027	.170	.088	.026	.163	.086	.026	.156	.083	.025		
6.0	.173	.087	.025	.169	.086	.025	.162	.083	.024	.156	.081	.024	.150	.079	.023		
7.0	.165	.081	.023	.161	.080	.023	.155	.078	.023	.149	.076	.022	.144	.075	.022		
8.0	.157	.077	.022	.154	.076	.021	.148	.074	.021	.143	.072	.021	.138	.071	.021		
9.0	.149	.072	.020	.147	.071	.020	.141	.070	.020	.137	.069	.020	.132	.067	.019		
10.0	.142	.068	.019	.140	.068	.019	.135	.066	.019	.131	.065	.018	.127	.064	.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	.183	.166	.151	.156	.142	.130	.107	.098	.090	.062	.057	.052	.020	.018	.017		
2.0	.170	.141	.117	.146	.122	.101	.100	.084	.071	.058	.049	.041	.018	.016	.013		
3.0	.160	.123	.093	.137	.106	.081	.094	.074	.057	.054	.043	.033	.017	.014	.011		
4.0	.152	.109	.076	.130	.094	.066	.090	.066	.047	.052	.038	.028	.017	.012	.009		
5.0	.144	.098	.064	.124	.085	.055	.085	.059	.039	.049	.035	.023	.016	.011	.008		
6.0	.138	.089	.054	.118	.077	.047	.082	.054	.033	.047	.032	.020	.015	.010	.007		
7.0	.132	.082	.047	.113	.071	.041	.078	.050	.029	.045	.029	.017	.015	.010	.006		
8.0	.126	.076	.042	.109	.066	.036	.075	.046	.026	.044	.027	.015	.014	.009	.005		
9.0	.121	.071	.037	.104	.062	.033	.072	.043	.023	.042	.026	.014	.014	.008	.005		
10.0	.116	.067	.034	.100	.058	.030	.070	.041	.021	.041	.024	.013	.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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 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	11.8	13.0	12.1	13.2	13.4	9.6	10.7	9.8	10.9	11.1
3H	11.7	12.8	12.0	13.0	13.2	9.4	10.5	9.7	10.7	10.9
4H	11.6	12.6	11.9	12.9	13.1	9.3	10.3	9.6	10.6	10.8
6H	11.5	12.5	11.8	12.7	13.0	9.2	10.1	9.5	10.4	10.7
8H	11.5	12.4	11.8	12.7	13.0	9.1	10.1	9.5	10.3	10.6
12H	11.4	12.3	11.8	12.6	12.9	9.1	10.0	9.4	10.3	10.6
4H 2H	11.5	12.6	11.9	12.8	13.1	9.3	10.3	9.6	10.6	10.8
3H	11.4	12.3	11.8	12.6	12.9	9.1	10.0	9.5	10.3	10.6
4H	11.3	12.1	11.7	12.4	12.8	9.0	9.8	9.4	10.2	10.5
6H	11.3	11.9	11.7	12.3	12.7	9.0	9.6	9.4	10.0	10.4
8H	11.2	11.8	11.6	12.2	12.6	8.9	9.5	9.3	9.9	10.3
12H	11.2	11.7	11.6	12.1	12.6	8.9	9.4	9.3	9.8	10.3
8H 4H	11.2	11.8	11.6	12.2	12.6	8.9	9.5	9.3	9.9	10.3
6H	11.1	11.6	11.6	12.1	12.5	8.8	9.3	9.3	9.8	10.2
8H	11.1	11.5	11.5	12.0	12.4	8.8	9.2	9.2	9.7	10.1
12H	11.0	11.4	11.5	11.9	12.4	8.7	9.1	9.2	9.6	10.1
12H 4H	11.2	11.7	11.6	12.1	12.5	8.9	9.4	9.3	9.8	10.3
6H	11.1	11.5	11.5	12.0	12.4	8.8	9.2	9.2	9.7	10.1
8H	11.0	11.4	11.5	11.9	12.4	8.7	9.1	9.2	9.6	10.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.6 / - 9.4					+ 2.5 / -11.2				
1.5H	+ 3.8 / -10.2					+ 4.7 / - 9.9				
2.0H	+ 7.9 / - 8.2					+ 6.9 / - 4.1				

CIE Pub.117, 12150 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 8.7)
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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

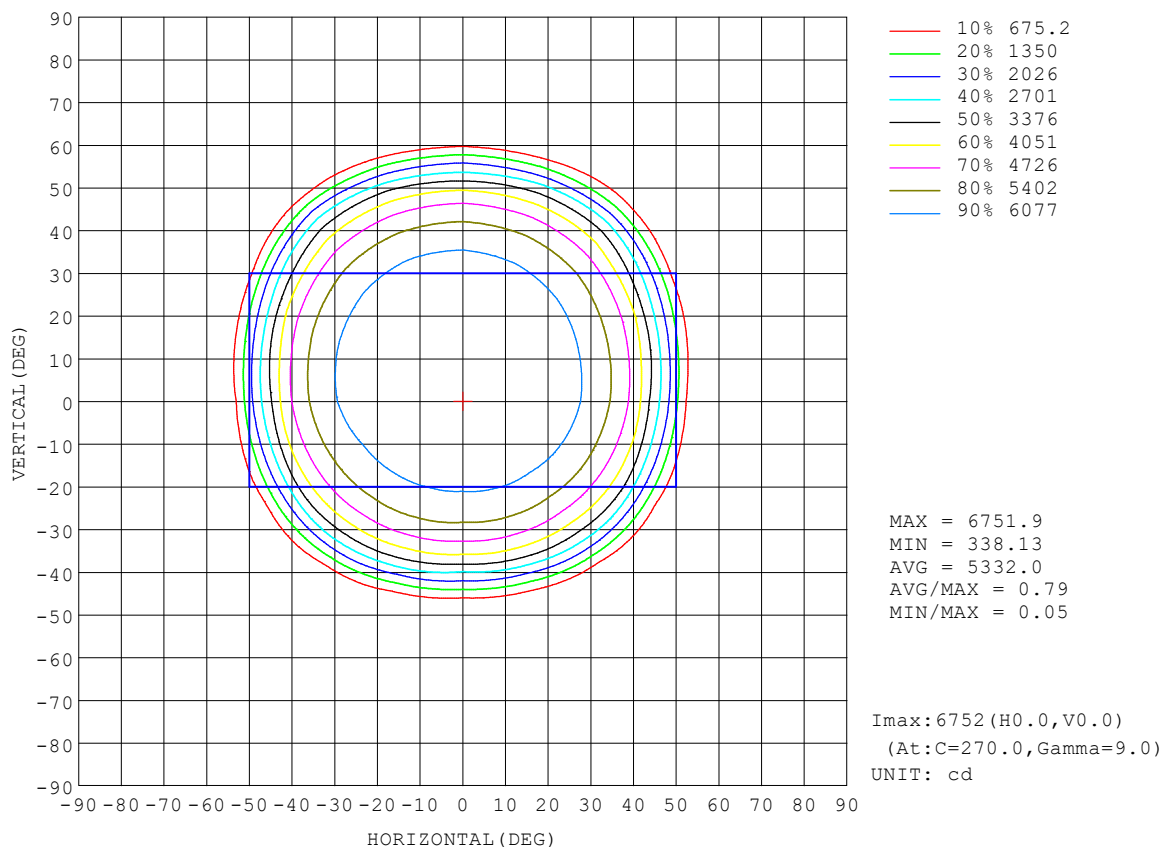
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	73	64	59	72	64	59	71	63	58	53
0.80	83	74	69	82	74	69	80	73	68	63
1.00	90	82	77	89	82	77	87	82	76	71
1.25	96	89	84	94	88	83	92	87	83	77
1.50	100	93	88	98	92	88	95	90	87	81
2.00	104	99	94	102	97	94	99	95	92	86
2.50	106	101	97	105	100	96	101	97	94	87
3.00	109	104	100	107	102	99	103	100	97	90
4.00	111	107	104	109	105	103	105	102	100	92
5.00	112	109	107	110	107	105	106	104	102	93
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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

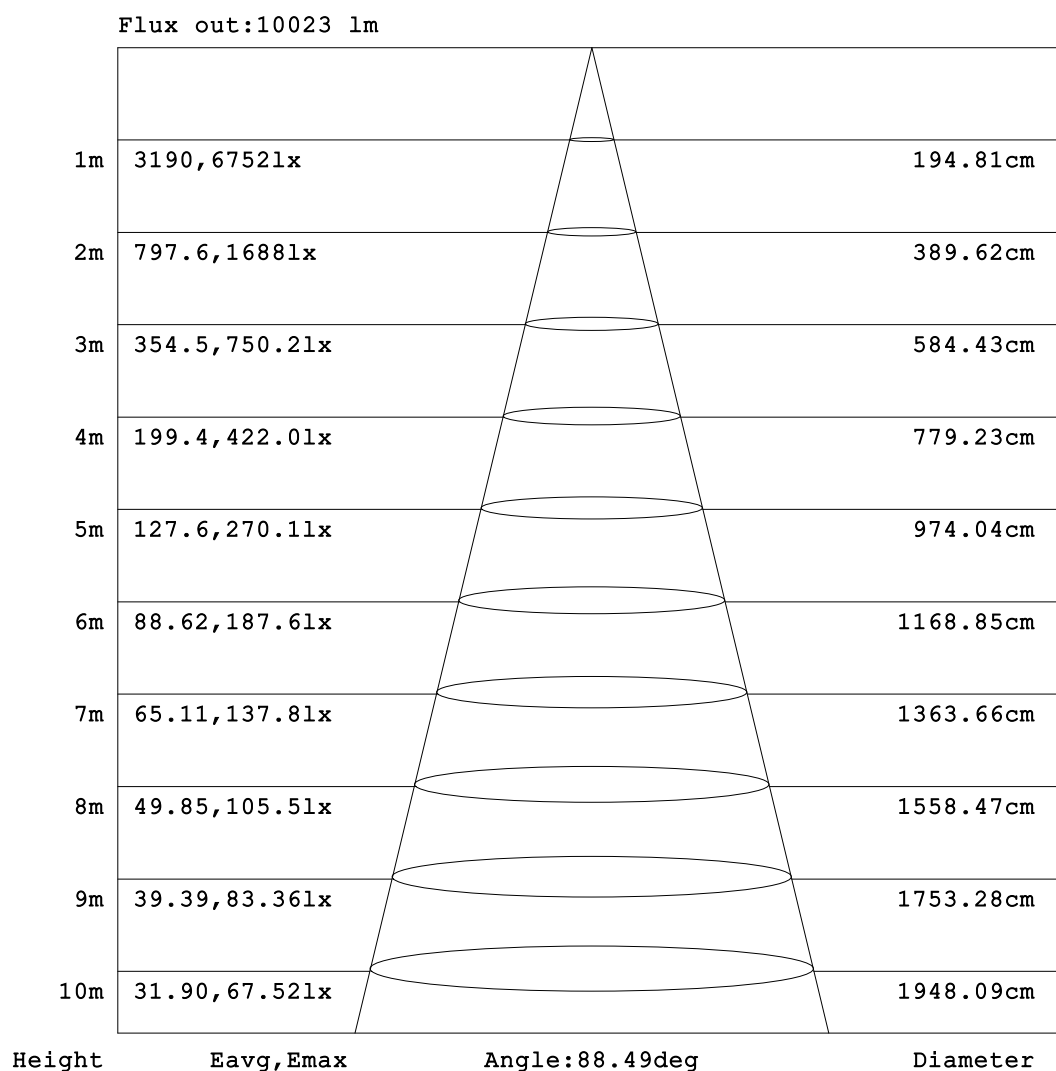


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-11-25

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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



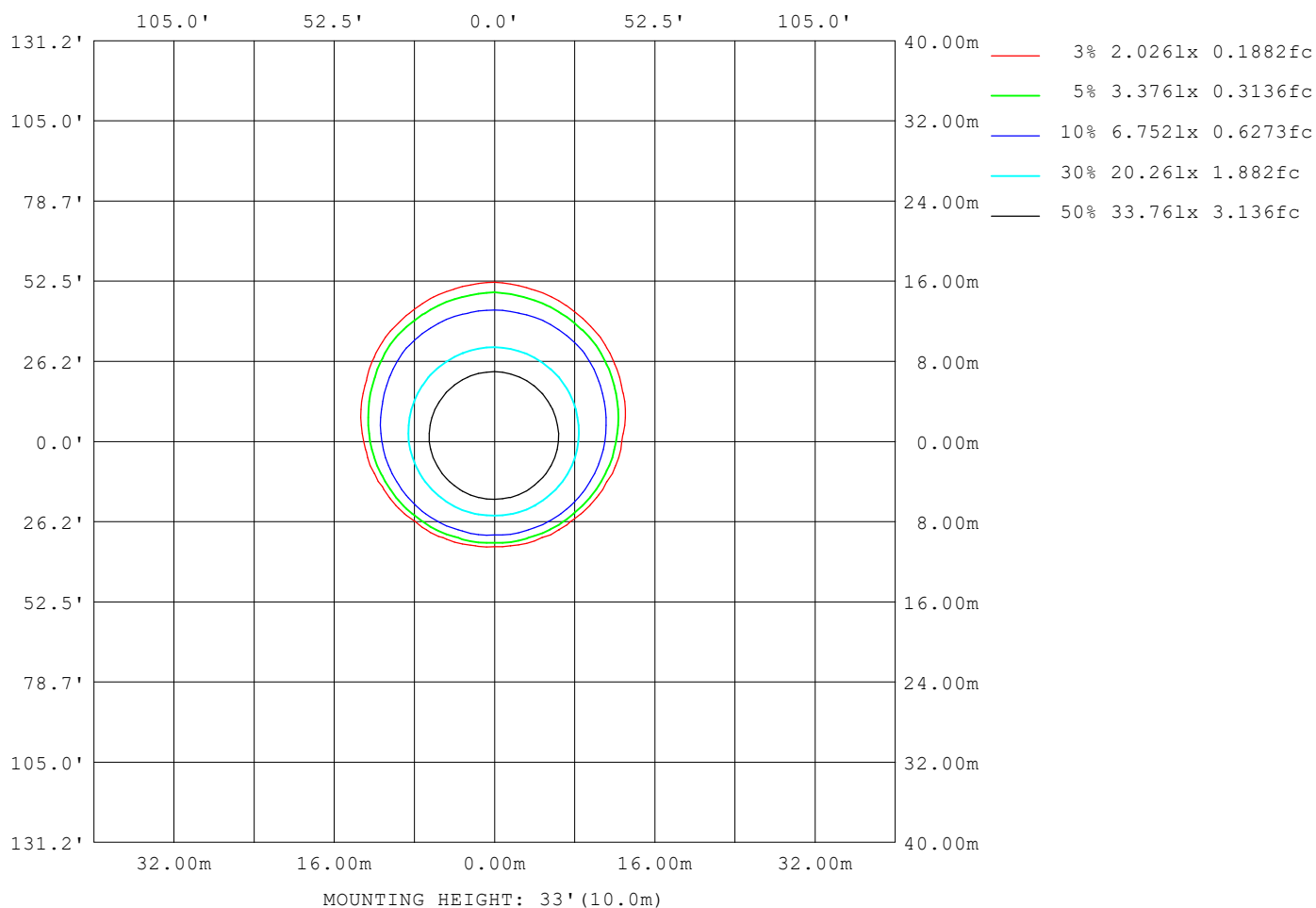
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

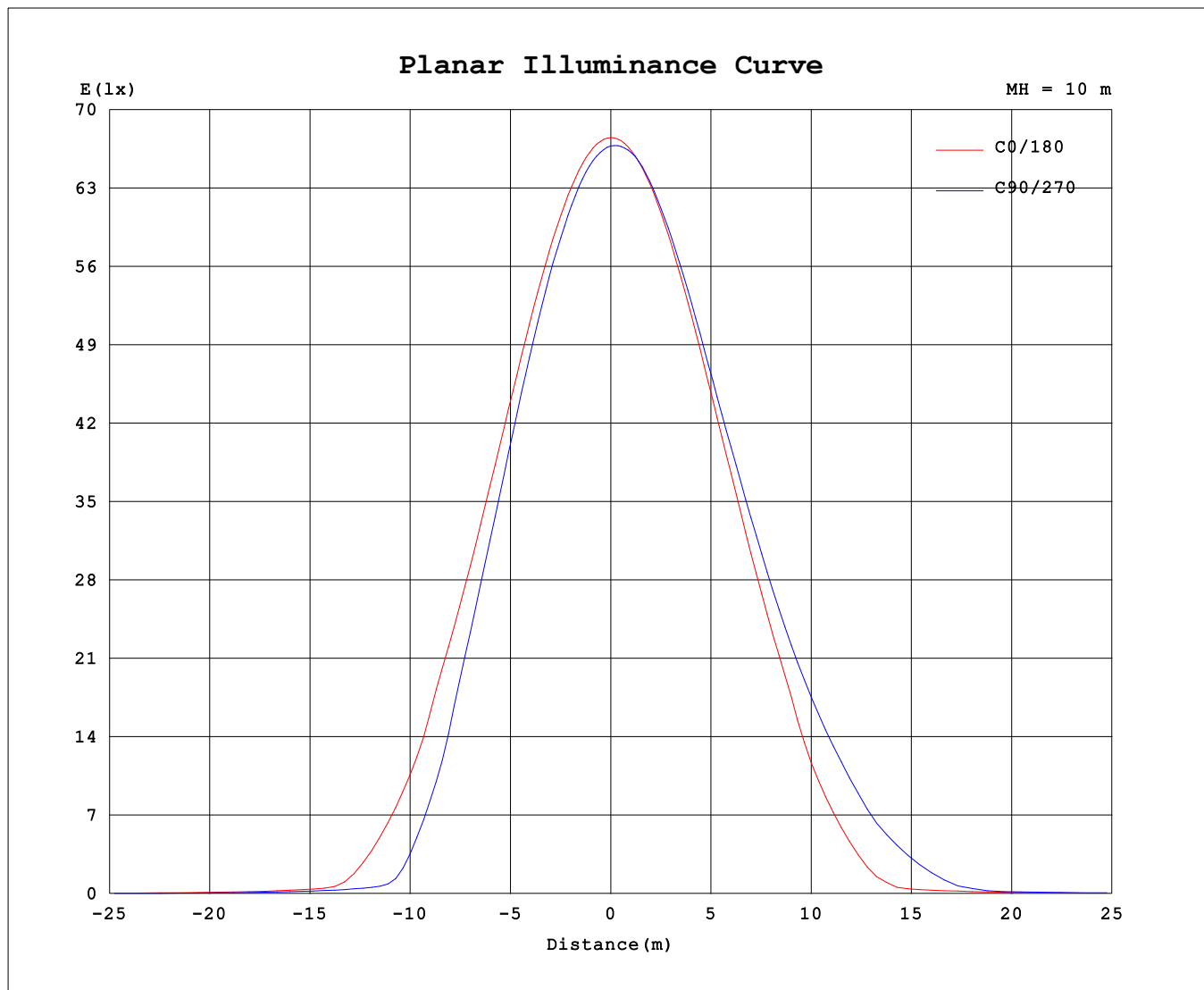
AvgL	cd/m2
L_0~180 (65) av	3086
L_0~180 (75) av	2220
L_0~180 (85) av	1015
L_90~270 (65) av	3120
L_90~270 (75) av	2250
L_90~270 (85) av	2295
L_45 (65) av	3125
L_45 (75) av	2154
L_45 (85) av	1628

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:230.17V I:0.3570A P:80.204W PF:0.9760 Freq:50.00Hz Lamp Flux:12149.7x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									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	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693	6693			
5	6677	6657	6640	6635	6638	6643	6652	6668	6684	6699	6711	6722	6730	6725	6712	6697			
10	6630	6595	6559	6543	6543	6556	6582	6618	6655	6683	6707	6731	6746	6731	6701	6666			
15	6552	6495	6422	6402	6396	6415	6461	6530	6589	6648	6684	6702	6716	6695	6655	6619			
20	6412	6326	6227	6180	6159	6195	6269	6373	6470	6557	6615	6649	6659	6629	6580	6506			
25	6188	6048	5899	5828	5789	5858	5976	6130	6281	6414	6500	6542	6552	6520	6459	6344			
30	5834	5619	5374	5254	5188	5304	5487	5754	5977	6166	6299	6375	6380	6343	6240	6077			
35	5286	4924	4558	4370	4266	4440	4722	5125	5479	5767	5980	6094	6123	6045	5882	5626			
40	4452	3918	3349	2974	2665	3109	3556	4156	4698	5144	5458	5623	5669	5561	5335	4957			
45	2983	2314	1651	1180	1013	1280	1895	2572	3279	4163	4670	4908	4979	4835	4512	3874			
50	1448	636	276	228	216	241	344	859	1738	2562	3481	3819	3897	3702	3291	2340			
55	258	227	183	157	150	166	195	231	307	852	1801	2139	2295	2021	1518	668			
60	182	156	128	109	107	114	133	162	187	220	282	446	572	370	249	213			
65	127	107	83.5	71.1	71.6	74.3	92.8	113	134	156	181	194	192	187	171	147			
70	86.8	67.1	48.8	39.3	37.2	42.7	55.3	73.5	97.1	110	128	134	137	132	121	104			
75	52.2	36.0	22.4	15.6	13.1	17.5	25.6	40.6	62.7	73.6	92.6	96.4	103	92.5	82.4	66.8			
80	23.2	14.5	6.69	3.16	2.27	4.82	7.71	16.3	28.1	41.8	57.7	62.2	71.1	58.6	49.7	36.7			
85	8.05	4.64	2.38	2.60	2.57	3.14	2.29	3.97	9.64	17.5	28.2	33.4	37.4	30.5	23.9	15.3			
90	2.52	3.70	3.42	3.78	3.81	4.22	3.11	2.69	2.80	5.07	9.37	13.3	13.8	11.8	8.06	4.93			
95	3.60	5.23	5.25	5.75	5.83	6.10	4.73	3.90	4.08	3.41	3.05	3.71	3.53	2.88	2.99	3.82			
100	5.50	7.45	7.82	8.44	8.57	8.71	7.13	5.91	6.30	5.23	4.42	4.34	3.56	3.82	4.40	5.68			
105	8.17	10.3	11.0	11.8	12.0	12.0	10.2	8.64	9.27	7.87	6.84	6.48	5.58	5.96	6.76	8.37			
110	11.4	13.8	14.7	15.6	15.9	15.8	13.8	12.0	12.8	11.2	9.81	9.42	8.46	8.92	9.89	11.8			
115	15.2	17.7	18.9	19.8	20.1	20.0	18.0	15.9	16.8	14.9	13.4	13.0	12.0	12.5	13.6	15.7			
120	19.4	22.0	23.2	24.0	24.2	24.2	22.2	20.2	21.1	19.1	17.5	17.0	16.0	16.6	17.8	20.0			
125	23.7	26.1	27.1	27.8	28.0	27.9	26.2	24.4	25.5	23.5	21.9	21.3	20.4	21.0	22.3	24.5			
130	27.7	29.7	30.7	31.4	31.6	31.3	29.7	28.1	29.6	27.8	26.3	25.6	24.9	25.5	26.8	28.8			
135	31.2	33.0	33.9	34.7	35.0	34.5	33.0	31.5	33.3	31.6	30.3	29.7	29.1	29.7	30.9	32.7			
140	34.6	36.0	36.9	37.9	38.3	37.5	36.0	34.7	36.7	35.1	33.9	33.3	32.9	33.4	34.6	36.2			
145	37.6	38.7	39.5	40.5	41.1	40.2	39.0	37.9	39.8	38.3	37.2	36.6	36.5	36.9	38.0	39.4			
150	39.8	40.9	42.0	43.0	43.5	42.7	41.8	40.7	42.1	40.8	40.2	39.7	39.9	40.2	41.1	42.1			
155	42.4	44.0	45.5	46.6	46.9	45.9	45.0	43.6	44.6	43.2	42.6	42.3	42.8	43.0	43.8	44.6			
160	46.6	48.6	50.3	51.4	51.5	50.3	49.1	47.4	48.5	46.7	45.7	45.2	45.5	45.9	46.7	47.7			
165	52.0	53.9	55.4	56.4	56.3	55.1	53.6	52.0	53.5	51.5	50.1	49.4	49.6	50.0	50.5	51.8			
170	56.8	58.4	59.6	60.2	59.7	58.7	57.7	56.3	57.9	56.7	55.2	54.3	54.3	54.6	55.0	55.9			
175	60.5	61.6	62.2	62.3	61.5	61.0	60.4	59.5	61.1	60.5	59.9	58.9	58.7	58.8	59.2	59.3			
180	62.3	62.7	62.7	62.2	61.7	61.5	61.3	60.9	62.5	62.5	62.8	62.0	61.8	61.4	61.4	60.9			

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