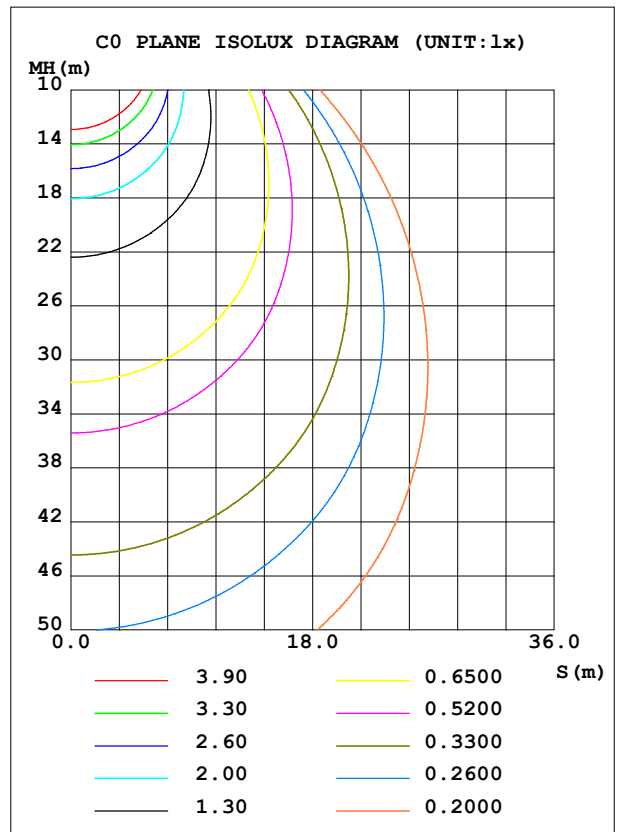
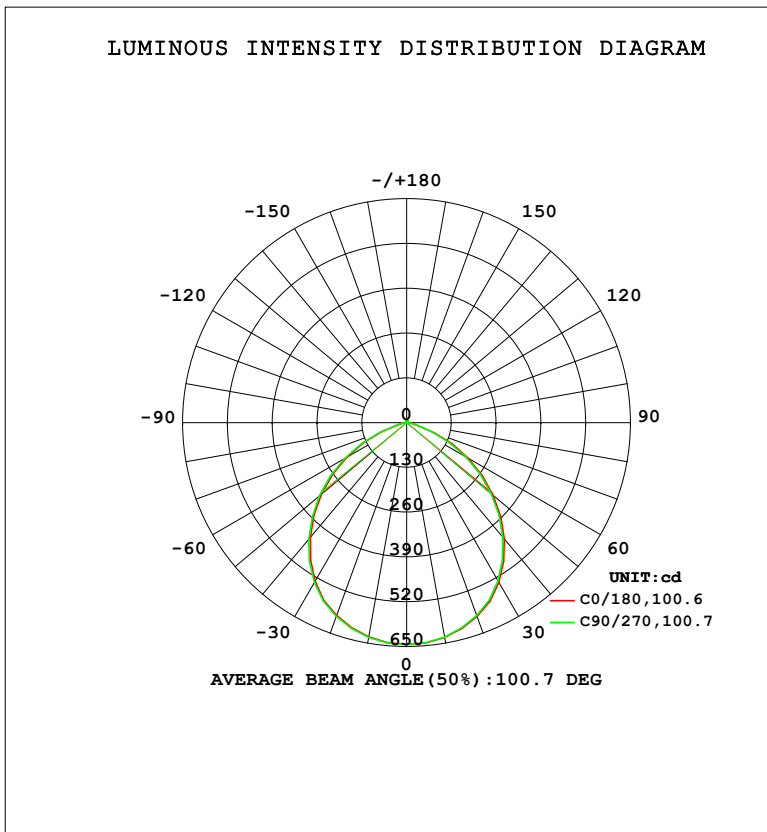


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 114.07 lm/W
MODEL	227S	I _{max} (cd)	644.3	S/MH (C0/180)	1.23	
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	1.24	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1556.4	η UP, DN (C0-180)	0.5, 49.3	
NOMINAL FLUX (lm)	1556.38	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 49.7	
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	219.5	η down (%)	99.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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	633.1	632.6	631.9	631.7	631.7	632.5	633.3	633.6	0- 10	60.94	60.94	3.92,3.92
20	598.2	597.3	595.6	595.3	595.8	597.2	598.6	599.2	10- 20	174.3	235.2	15.1,15.1
30	536.0	539.3	530.7	536.6	531.6	539.5	536.7	542.5	20- 30	262.7	497.9	32,32
40	440.9	449.7	434.1	445.7	435.6	450.4	442.6	455.0	30- 40	308.3	806.2	51.8,51.8
50	328.3	329.5	320.9	325.2	323.3	332.1	331.7	337.3	40- 50	299.4	1106	71,71
60	205.7	201.6	197.6	197.3	199.7	203.9	208.3	209.2	50- 60	239.4	1345	86.4,86.4
70	84.85	83.89	77.58	80.39	77.96	83.95	84.72	89.03	60- 70	141.2	1486	95.5,95.5
80	18.42	17.79	17.05	16.71	16.90	17.44	18.08	18.54	70- 80	45.47	1532	98.4,98.4
90	0.5994	0.5523	0.5464	0.5540	0.6611	0.6611	0.6647	0.6425	80- 90	9.207	1541	99,99
100	0.8922	0.9304	0.9354	0.9504	1.143	1.148	1.136	1.133	90-100	0.8707	1542	99.1,99.1
110	1.505	1.513	1.533	1.538	1.804	1.803	1.776	1.775	100-110	1.411	1543	99.1,99.1
120	2.196	2.168	2.203	2.192	2.524	2.475	2.465	2.436	110-120	1.977	1545	99.3,99.3
130	2.844	2.840	2.880	2.846	3.179	3.130	3.153	3.126	120-130	2.378	1547	99.4,99.4
140	3.481	3.393	3.472	3.403	3.792	3.664	3.757	3.659	130-140	2.533	1550	99.6,99.6
150	4.017	4.030	4.112	4.033	4.292	4.229	4.270	4.223	140-150	2.416	1552	99.7,99.7
160	4.606	4.654	4.722	4.633	4.822	4.788	4.892	4.792	150-160	2.049	1554	99.9,99.9
170	5.160	5.231	5.217	5.172	5.333	5.298	5.357	5.319	160-170	1.413	1556	100,100
180	5.512	5.544	5.489	5.518	5.529	5.568	5.513	5.530	170-180	0.5141	1556	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 960.3 lm

%lum = 61.7%

%lamp = 61.7%

Conical surface Flux(130deg): 1429.1 lm

%lum = 91.8%

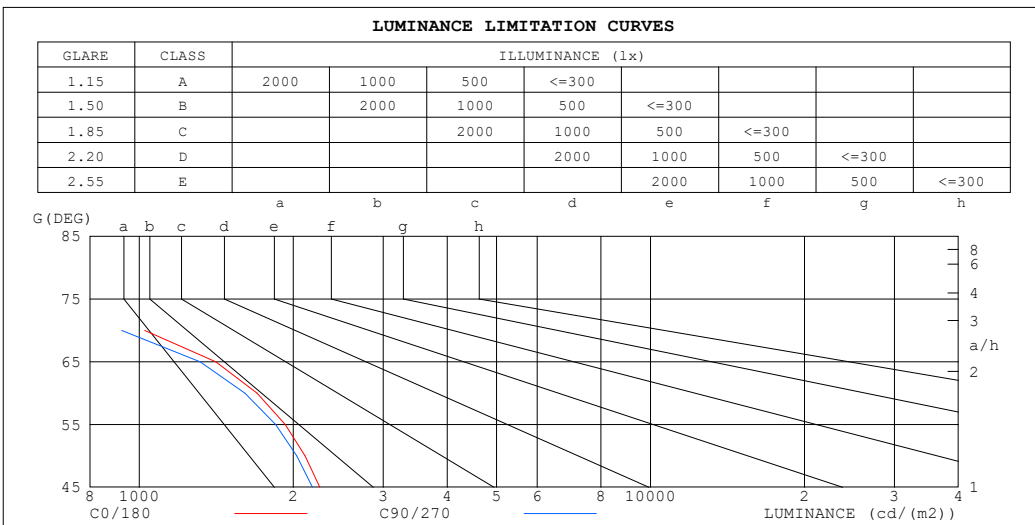
%lamp = 91.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	405	332
80	438	400
75	542	469
70	1024	923
65	1412	1316
60	1699	1609
55	1929	1847
50	2109	2032
45	2255	2182

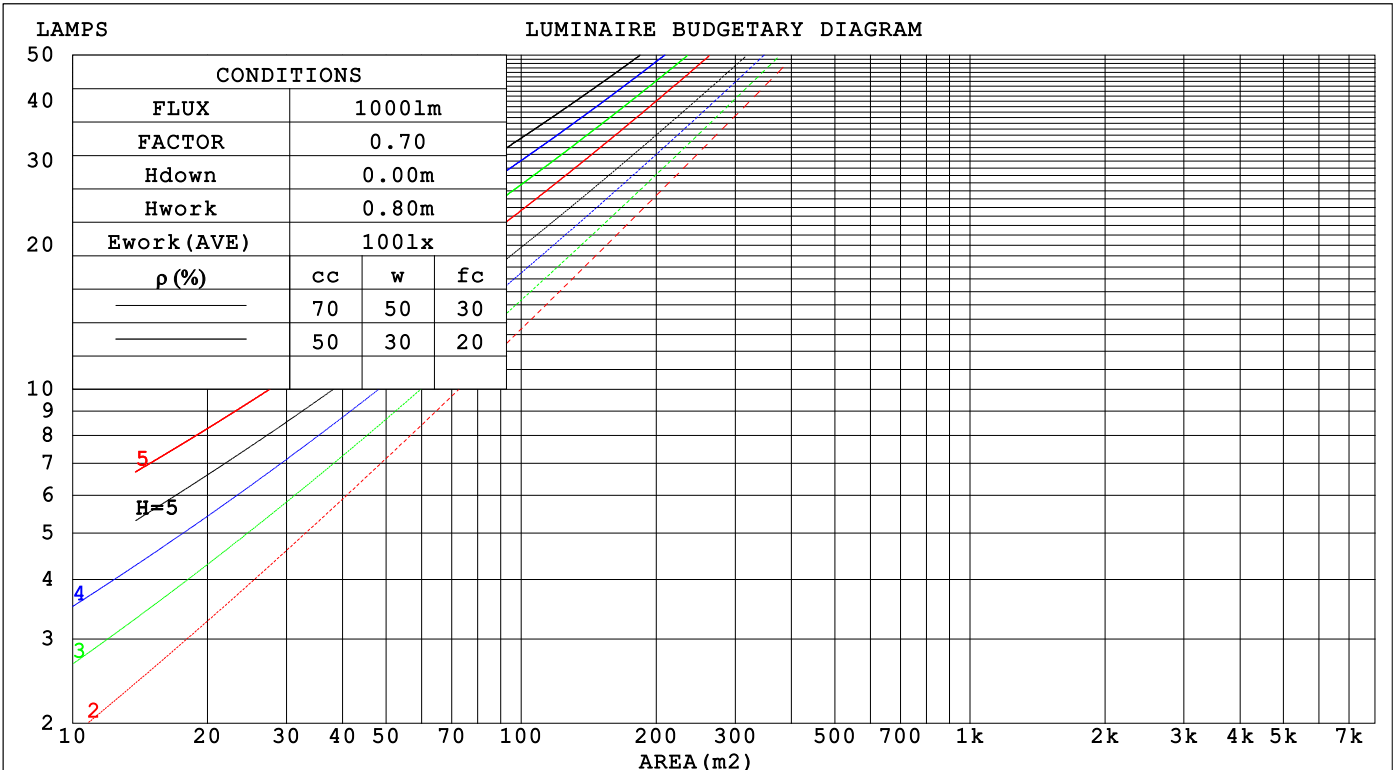
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.97	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.60	.70	.64	.59	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.61	.55	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.52	.46	.58	.51	.45	.56	.50	.45	.54	.49	.44	.42
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.38	.33	.43	.37	.32	.42	.36	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.29	.28



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz		
Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.265	.151	.048	.258	.147	.047	.245	.140	.045	.232	.134	.043	.221	.128	.041	
2.0	.257	.141	.043	.251	.138	.043	.239	.133	.041	.228	.128	.040	.218	.123	.039	
3.0	.243	.129	.039	.238	.127	.038	.227	.123	.037	.217	.119	.037	.208	.115	.036	
4.0	.228	.119	.035	.223	.117	.035	.214	.113	.034	.205	.110	.033	.197	.107	.033	
5.0	.214	.109	.032	.209	.107	.031	.201	.105	.031	.193	.102	.030	.186	.099	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.178	.090	.026	.171	.088	.026	.165	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.156	.080	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.145	.072	.020	.141	.071	.020	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0																
1.0	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
2.0	.185	.164	.146	.158	.141	.125	.108	.097	.087	.062	.056	.050	.020	.018	.016	
3.0	.175	.140	.110	.150	.120	.095	.103	.083	.066	.059	.048	.039	.019	.016	.013	
4.0	.167	.122	.086	.143	.105	.074	.098	.073	.052	.057	.043	.031	.018	.014	.010	
5.0	.159	.108	.069	.137	.094	.060	.094	.065	.042	.054	.038	.025	.018	.012	.008	
6.0	.152	.098	.057	.131	.085	.050	.090	.059	.035	.052	.035	.021	.017	.011	.007	
7.0	.146	.089	.049	.125	.077	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
8.0	.139	.082	.043	.120	.071	.037	.083	.050	.026	.048	.029	.016	.016	.010	.005	
9.0	.133	.077	.038	.115	.066	.033	.079	.047	.023	.046	.028	.014	.015	.009	.005	
10.0	.127	.072	.034	.110	.062	.030	.076	.044	.021	.044	.026	.013	.014	.008	.004	
10.0	.122	.067	.031	.105	.059	.027	.073	.041	.019	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz										
Lamp Flux:1556.38x1 lm										
NAME:			TYPE: 227				WEIGHT:			
SPEC.:			DIM.:				SERIAL No.:			
MFR.: EVERFINE			SUR.: 156.5mm				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	13.4	14.8	13.7	15.0	15.2	13.2	14.6	13.5	14.8	15.1
3H	14.0	15.3	14.3	15.5	15.8	13.7	15.0	14.0	15.3	15.5
4H	14.0	15.2	14.3	15.5	15.8	13.7	15.0	14.1	15.2	15.5
6H	14.0	15.1	14.3	15.4	15.7	13.7	14.8	14.0	15.1	15.4
8H	14.0	15.1	14.3	15.4	15.7	13.7	14.8	14.0	15.1	15.4
12H	13.9	15.0	14.3	15.3	15.6	13.6	14.7	14.0	15.0	15.3
4H 2H	13.7	14.9	14.0	15.2	15.5	13.6	14.8	13.9	15.0	15.3
3H	14.4	15.4	14.7	15.7	16.1	14.2	15.2	14.5	15.5	15.8
4H	14.4	15.4	14.8	15.7	16.1	14.2	15.2	14.6	15.5	15.8
6H	14.5	15.3	14.9	15.7	16.1	14.2	15.1	14.6	15.4	15.8
8H	14.5	15.2	14.9	15.6	16.0	14.2	15.0	14.6	15.4	15.8
12H	14.5	15.2	14.9	15.6	16.0	14.2	14.9	14.6	15.3	15.7
8H 4H	14.4	15.2	14.8	15.6	16.0	14.2	15.0	14.6	15.3	15.7
6H	14.5	15.1	14.9	15.5	16.0	14.2	14.9	14.7	15.3	15.7
8H	14.5	15.1	15.0	15.5	16.0	14.2	14.8	14.7	15.2	15.7
12H	14.5	15.0	15.0	15.5	16.0	14.2	14.7	14.7	15.2	15.7
12H 4H	14.4	15.1	14.8	15.5	15.9	14.1	14.8	14.6	15.2	15.7
6H	14.4	15.0	14.9	15.5	15.9	14.2	14.8	14.7	15.2	15.7
8H	14.5	15.0	15.0	15.4	15.9	14.2	14.7	14.7	15.2	15.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.4					+ 0.4 / - 0.4				
2.0H	+ 0.8 / - 0.7					+ 0.8 / - 0.7				

CIE Pub.117, 1556 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.5)
 Area: 0.245 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

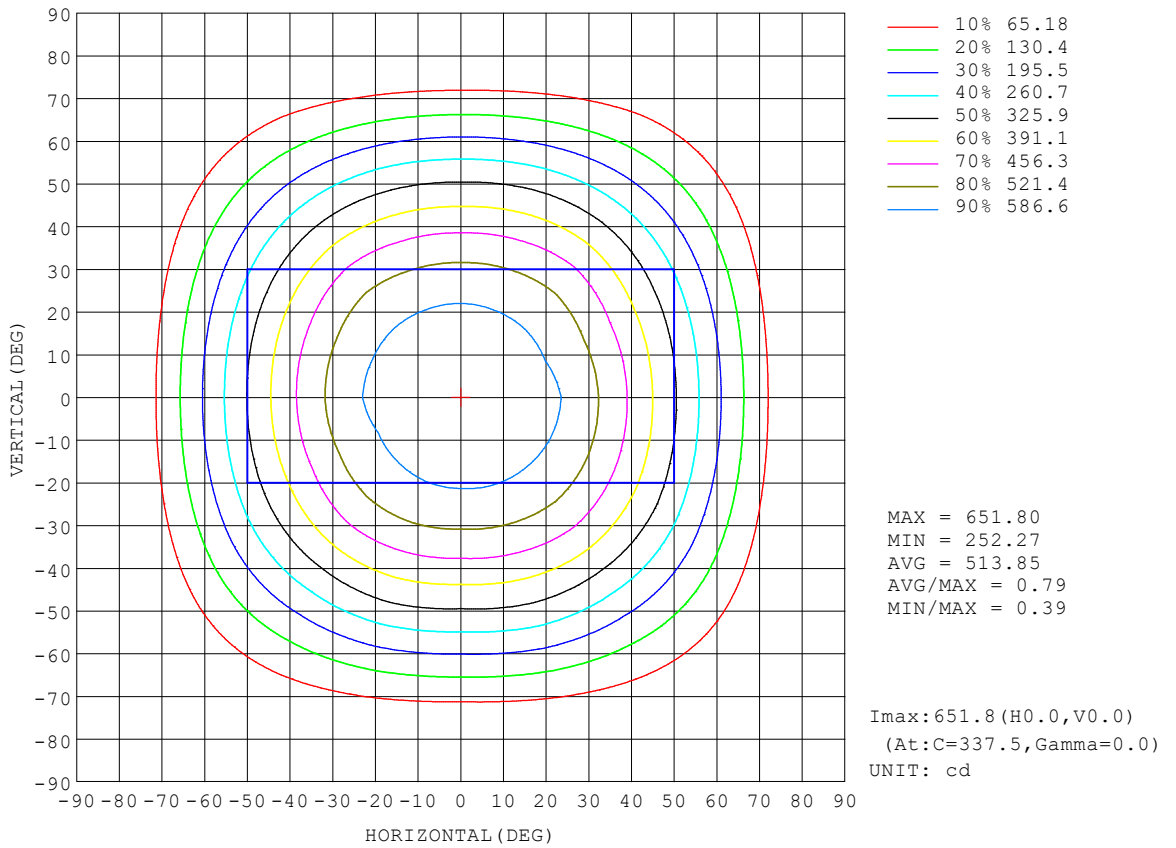
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	44	59	50	43	37
0.80	72	61	54	71	60	54	69	60	53	47
1.00	80	70	63	79	69	63	77	71	63	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	91	85	96	90	84	93	87	83	75
2.50	102	95	90	100	93	89	96	91	87	79
3.00	105	99	94	102	97	93	98	94	90	82
4.00	108	103	99	106	101	98	101	98	95	86
5.00	110	106	102	108	104	101	103	100	98	88
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:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

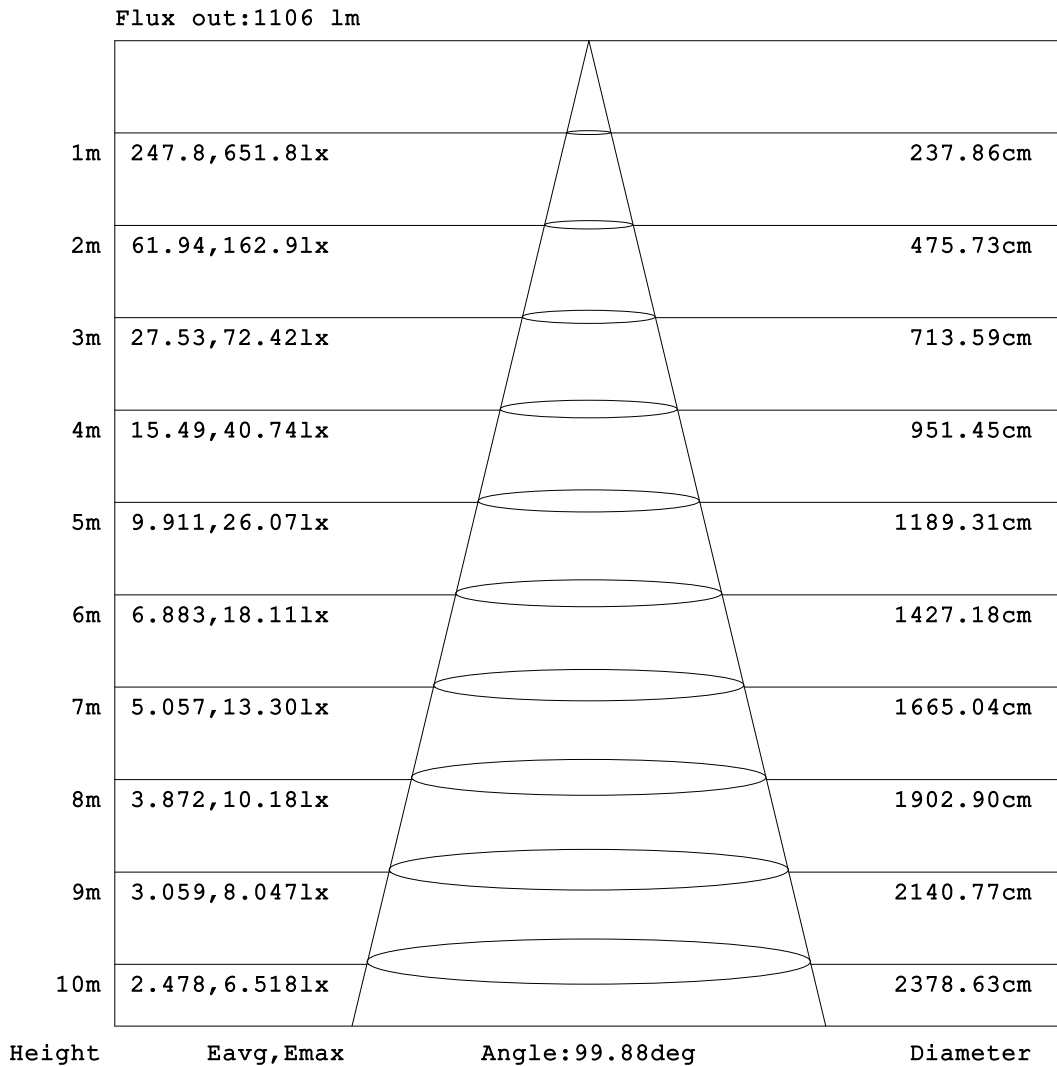


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



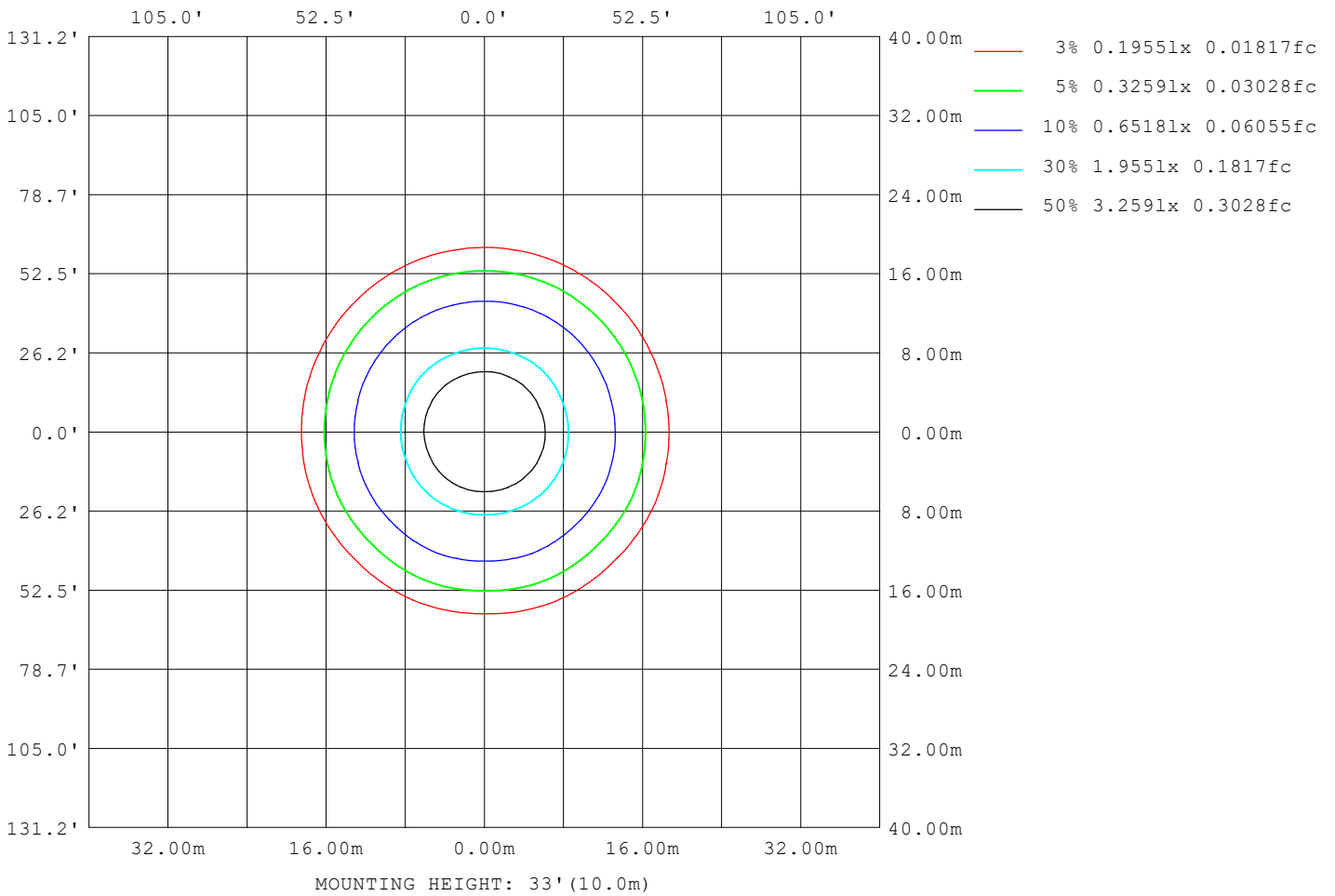
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2023-11-16

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	Shielding Angle:

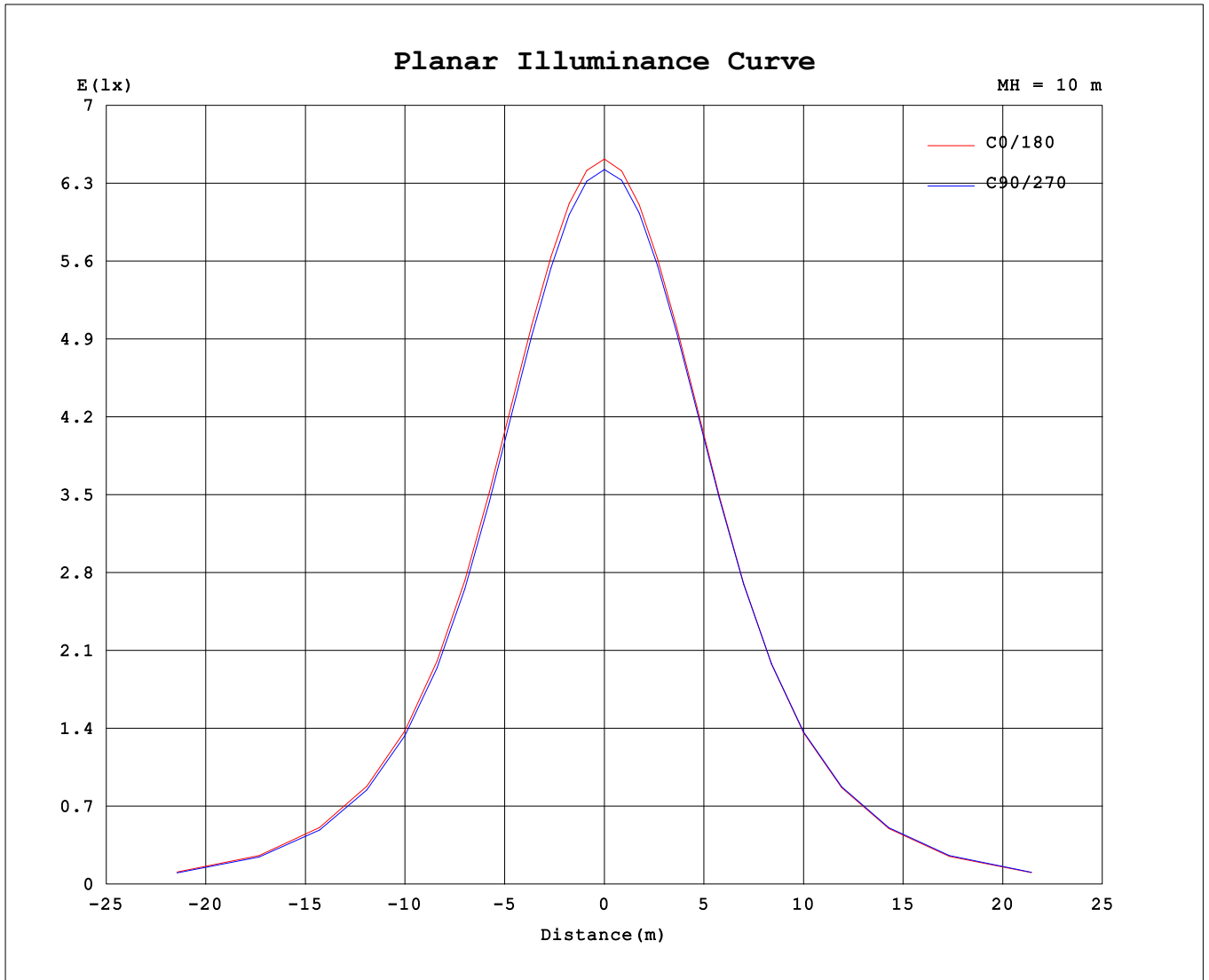
AvgL	cd/m2
L_0~180 (65) av	1362
L_0~180 (75) av	500
L_0~180 (85) av	369
L_90~270 (65) av	1362
L_90~270 (75) av	499
L_90~270 (85) av	354
L_45 (65) av	1361
L_45 (75) av	629
L_45 (85) av	358

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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: 2023-11-16

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 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:220.34V I:0.1124A P:13.645W PF:0.5509 Freq:50.00Hz Lamp Flux:1556.38x1 lm		
NAME:	TYPE: 227	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 156.5mm	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	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644	644			
5	642	642	641	641	641	641	641	641	641	641	641	641	642	642	642	642			
10	633	633	633	632	632	632	632	632	632	632	632	633	633	633	634	633			
15	619	619	618	618	617	617	616	617	617	617	618	618	619	619	619	619			
20	598	599	597	597	596	596	595	596	596	596	597	597	599	599	599	598			
25	572	573	571	570	569	569	569	569	569	569	571	571	573	573	574	572			
30	536	540	539	536	531	535	537	535	532	535	540	537	537	540	542	539			
35	491	497	501	491	485	490	498	490	486	491	502	494	492	497	506	495			
40	441	447	450	441	434	440	446	440	436	441	450	444	443	448	455	445			
45	386	393	391	387	379	386	387	386	381	386	393	390	389	394	398	391			
50	328	336	330	330	321	329	325	329	323	329	332	333	332	337	337	334			
55	268	273	266	269	260	266	262	268	262	266	268	272	271	275	274	273			
60	206	209	202	205	198	202	197	203	200	201	204	207	208	210	209	209			
65	145	146	140	142	137	139	136	140	137	139	141	144	146	147	146	147			
70	84.9	86.9	83.9	82.5	77.6	80.5	80.4	81.0	78.0	80.3	84.0	84.2	84.7	87.3	89.0	86.8			
75	34.0	38.7	40.0	35.3	29.8	34.4	37.4	33.7	29.5	33.8	39.3	35.6	33.4	38.4	42.9	37.7			
80	18.4	18.7	17.8	17.9	17.1	17.3	16.7	17.2	16.9	17.1	17.4	17.8	18.1	18.3	18.5	18.6			
85	8.55	8.54	7.78	7.64	7.11	7.22	6.95	7.33	7.22	7.28	7.49	7.69	8.01	8.09	8.33	8.51			
90	0.60	0.56	0.55	0.55	0.55	0.56	0.55	0.56	0.66	0.65	0.66	0.66	0.66	0.65	0.64	0.66			
95	0.67	0.74	0.69	0.74	0.68	0.76	0.70	0.75	0.88	0.81	0.89	0.81	0.87	0.80	0.85	0.79			
100	0.89	0.98	0.93	0.98	0.94	1.00	0.95	0.99	1.14	1.08	1.15	1.08	1.14	1.06	1.13	1.06			
105	1.19	1.26	1.21	1.28	1.22	1.28	1.22	1.27	1.46	1.41	1.47	1.39	1.43	1.37	1.44	1.38			
110	1.51	1.58	1.51	1.58	1.53	1.59	1.54	1.59	1.80	1.74	1.80	1.72	1.78	1.71	1.78	1.71			
115	1.85	1.91	1.85	1.92	1.87	1.93	1.86	1.93	2.17	2.09	2.14	2.06	2.12	2.05	2.13	2.07			
120	2.20	2.24	2.17	2.25	2.20	2.26	2.19	2.27	2.52	2.42	2.48	2.39	2.46	2.38	2.44	2.42			
125	2.54	2.56	2.49	2.56	2.54	2.57	2.52	2.60	2.87	2.73	2.78	2.73	2.81	2.73	2.76	2.72			
130	2.84	2.88	2.84	2.88	2.88	2.90	2.85	2.91	3.18	3.06	3.13	3.01	3.15	3.01	3.13	3.04			
135	3.14	3.22	3.10	3.18	3.20	3.18	3.12	3.21	3.48	3.37	3.43	3.31	3.41	3.30	3.43	3.38			
140	3.48	3.48	3.39	3.49	3.47	3.48	3.40	3.53	3.79	3.63	3.66	3.60	3.76	3.61	3.66	3.62			
145	3.73	3.78	3.71	3.78	3.82	3.77	3.71	3.78	4.03	3.91	3.93	3.88	4.06	3.89	3.94	3.90			
150	4.02	4.12	4.03	4.12	4.11	4.13	4.03	4.12	4.29	4.18	4.23	4.15	4.27	4.17	4.22	4.17			
155	4.31	4.38	4.35	4.47	4.41	4.42	4.35	4.40	4.55	4.46	4.51	4.43	4.55	4.48	4.51	4.45			
160	4.61	4.68	4.65	4.80	4.72	4.74	4.63	4.67	4.82	4.73	4.79	4.72	4.89	4.76	4.79	4.71			
165	4.91	4.98	4.95	5.07	5.01	5.01	4.91	4.96	5.10	4.99	5.06	5.04	5.14	5.06	5.08	5.00			
170	5.16	5.27	5.23	5.33	5.22	5.24	5.17	5.24	5.33	5.25	5.30	5.23	5.36	5.27	5.32	5.23			
175	5.38	5.49	5.45	5.49	5.38	5.44	5.40	5.43	5.51	5.44	5.49	5.39	5.48	5.44	5.51	5.40			
180	5.51	5.55	5.54	5.56	5.49	5.50	5.52	5.53	5.53	5.53	5.57	5.50	5.51	5.50	5.53	5.50			

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