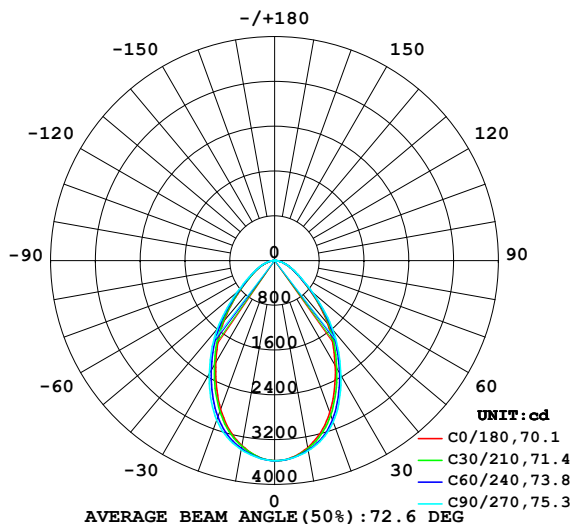


LUMINAIRE PHOTOMETRIC TEST REPORT

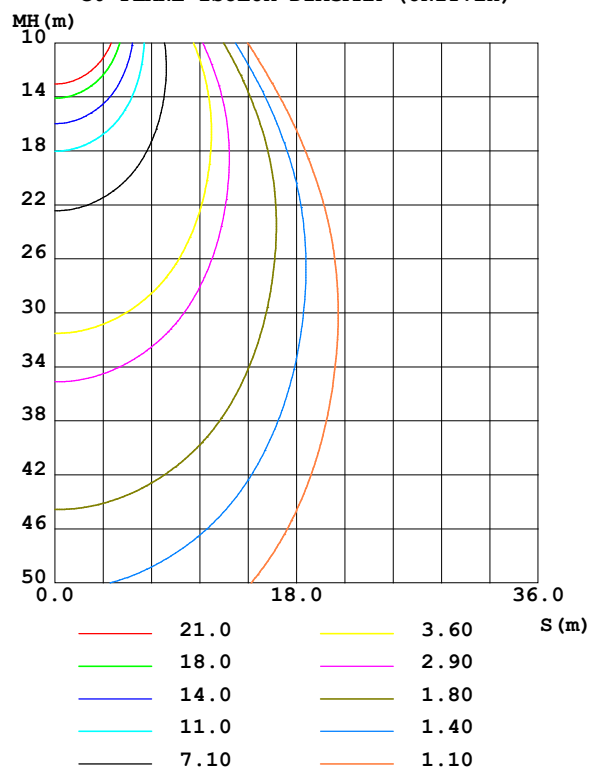
Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 113.48 lm/W
MODEL	62001000501.50W.4K	I _{max} (cd)	3575	S/MH(C0/180)	0.96	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.03	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	5595.8	η UP,DN(C0-180)	0.3,50.1	
NOMINAL FLUX(lm)	5595.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,49.3	
LAMPS INSIDE	1	η up (%)	0.6	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down (%)	99.4	CIBSE SHR MAX	1.10	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [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	3395	3427	3450	3406	3359	3391	3432	3408	0- 10	333.1	333.1	5.95,5.95
20	2884	2982	3068	2941	2824	2917	3030	2947	10- 20	901.5	1235	22.1,22.1
30	2168	2273	2371	2225	2106	2211	2337	2237	20- 30	1195	2429	43.4,43.4
40	1481	1551	1624	1508	1419	1495	1596	1525	30- 40	1172	3601	64.4,64.4
50	825.4	852.9	885.7	823.8	778.7	809.8	865.8	837.6	40- 50	893.6	4495	80.3,80.3
60	443.5	447.8	458.4	436.5	423.9	434.1	454.2	445.1	50- 60	545.2	5040	90.1,90.1
70	236.5	236.9	242.3	229.2	221.1	227.8	241.8	236.4	60- 70	327.8	5368	95.9,95.9
80	82.31	82.40	82.69	76.52	71.53	73.40	79.88	80.49	70- 80	160.3	5528	98.8,98.8
90	1.710	2.791	2.562	1.890	1.059	2.079	1.238	2.218	80- 90	35.26	5563	99.4,99.4
100	1.081	1.303	1.502	1.405	1.583	1.621	1.627	1.503	90-100	1.466	5565	99.4,99.4
110	1.843	2.197	2.630	2.391	2.528	2.686	2.797	2.464	100-110	2.009	5567	99.5,99.5
120	3.141	3.619	4.187	3.818	4.009	4.256	4.468	4.006	110-120	3.120	5570	99.5,99.5
130	4.940	5.501	6.178	5.737	5.969	6.293	6.527	6.003	120-130	4.358	5574	99.6,99.6
140	7.158	7.682	8.340	7.956	8.243	8.528	8.714	8.243	130-140	5.387	5580	99.7,99.7
150	9.505	9.930	10.48	10.23	10.59	10.76	10.84	10.51	140-150	5.772	5585	99.8,99.8
160	11.85	12.10	12.50	12.39	12.76	12.77	12.76	12.60	150-160	5.263	5591	99.9,99.9
170	13.84	13.83	14.05	14.05	14.45	14.21	14.13	14.16	160-170	3.754	5594	100,100
180	14.83	14.66	14.65	14.71	14.83	14.60	14.64	14.70	170-180	1.374	5596	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4096 lm

%lum = 73.2%

%lamp = 73.2%

Conical surface Flux(130deg): 5226.3 lm

%lum = 93.4%

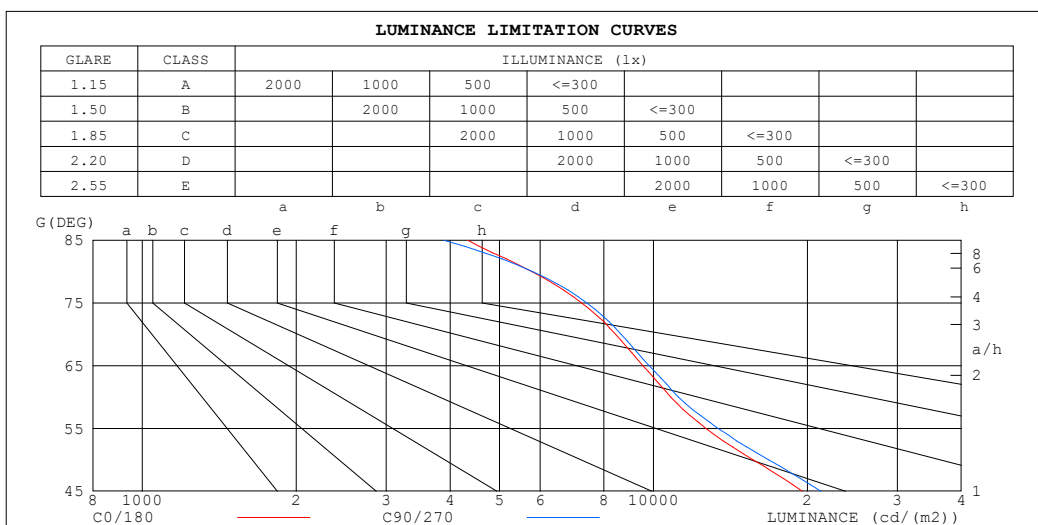
%lamp = 93.4%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:



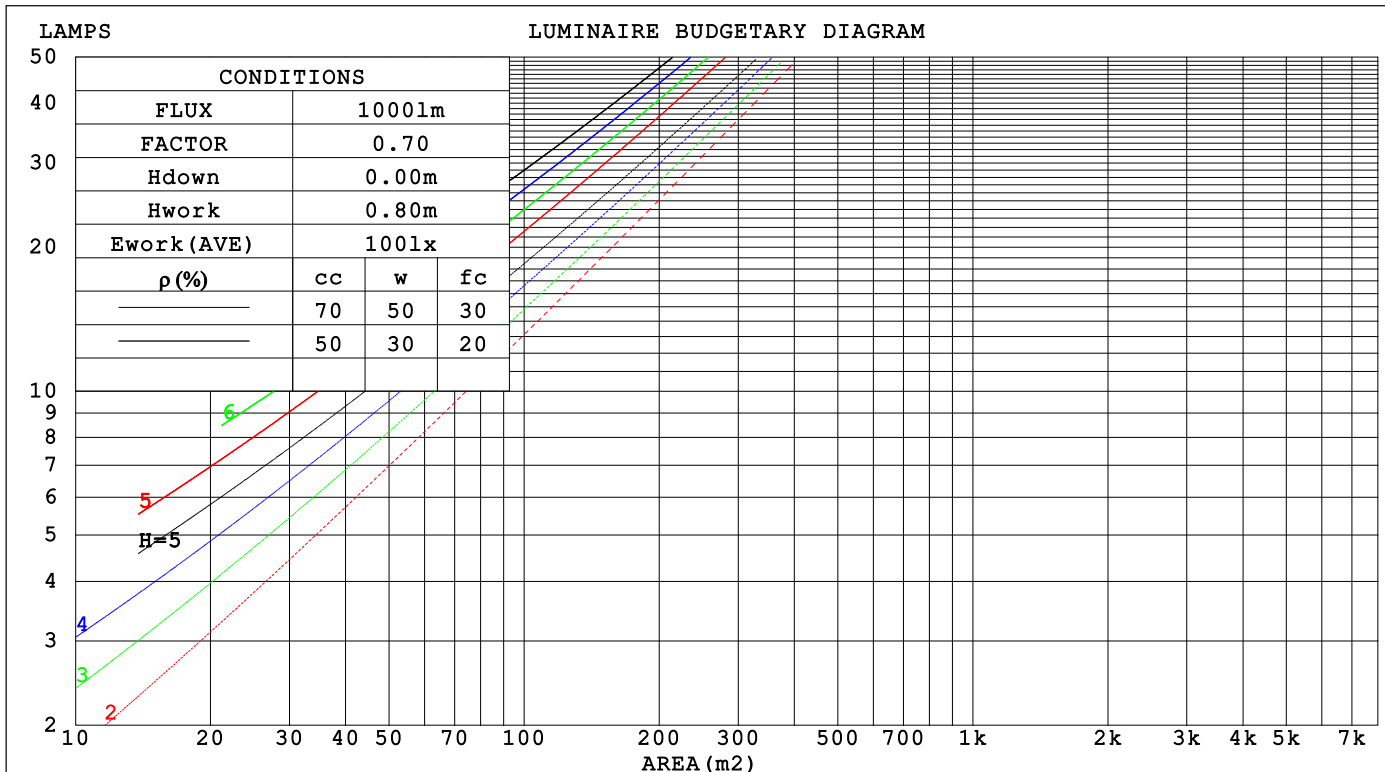
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 12.177m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	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															



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	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	.243	.138	.044	.236	.134	.043	.223	.128	.041	.210	.121	.039	.199	.115	.037		
2.0	.233	.128	.039	.227	.125	.039	.216	.120	.037	.205	.115	.036	.195	.110	.035		
3.0	.220	.117	.035	.215	.115	.035	.205	.111	.034	.195	.107	.033	.187	.103	.032		
4.0	.207	.107	.032	.202	.106	.031	.193	.102	.031	.185	.099	.030	.177	.096	.029		
5.0	.194	.099	.029	.190	.097	.028	.182	.095	.028	.175	.092	.027	.168	.090	.027		
6.0	.182	.091	.026	.179	.090	.026	.172	.088	.026	.165	.086	.025	.159	.084	.025		
7.0	.172	.085	.024	.169	.084	.024	.162	.082	.024	.157	.080	.023	.151	.078	.023		
8.0	.162	.079	.022	.159	.078	.022	.154	.077	.022	.149	.075	.022	.144	.074	.021		
9.0	.154	.074	.021	.151	.074	.021	.146	.072	.020	.141	.071	.020	.137	.069	.020		
10.0	.146	.070	.019	.143	.069	.019	.139	.068	.019	.134	.067	.019	.130	.066	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021		
1.0	.180	.161	.144	.154	.138	.124	.105	.095	.086	.061	.055	.050	.019	.018	.016		
2.0	.169	.137	.110	.145	.118	.095	.099	.081	.066	.057	.047	.039	.018	.015	.013		
3.0	.159	.118	.086	.137	.102	.074	.094	.071	.052	.054	.041	.031	.017	.013	.010		
4.0	.151	.105	.069	.129	.090	.060	.089	.063	.042	.052	.037	.025	.017	.012	.008		
5.0	.143	.094	.057	.123	.081	.050	.085	.057	.035	.049	.033	.021	.016	.011	.007		
6.0	.136	.085	.048	.117	.074	.042	.081	.052	.030	.047	.030	.018	.015	.010	.006		
7.0	.130	.078	.041	.112	.067	.036	.077	.047	.026	.045	.028	.015	.014	.009	.005		
8.0	.124	.072	.036	.107	.062	.032	.074	.044	.022	.043	.026	.013	.014	.008	.004		
9.0	.118	.067	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004		
10.0	.113	.063	.029	.098	.054	.025	.068	.038	.018	.040	.023	.011	.013	.007	.004		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm										
NAME: 62001000501.50W.4K					TYPE: 62001000501.50W.4K			WEIGHT:		
SPEC.: 62001000501.50W.4K					DIM.: 1438*65*42mm			SERIAL No.:		
MFR.:					SUR.: 1432*57mm			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	20.8	22.0	21.0	22.2	22.4	21.0	22.3	21.3	22.5	22.7
3H	21.5	22.6	21.8	22.9	23.1	21.7	22.8	22.0	23.1	23.3
4H	21.7	22.8	22.0	23.1	23.3	21.9	23.0	22.2	23.3	23.5
6H	21.9	22.9	22.2	23.2	23.5	22.1	23.1	22.4	23.4	23.7
8H	21.9	22.9	22.3	23.2	23.5	22.1	23.1	22.4	23.4	23.7
12H	21.9	22.9	22.3	23.2	23.5	22.1	23.1	22.4	23.3	23.6
4H 2H	21.0	22.1	21.3	22.4	22.6	21.2	22.3	21.5	22.6	22.8
3H	21.9	22.9	22.3	23.2	23.5	22.1	23.0	22.4	23.3	23.6
4H	22.3	23.2	22.7	23.5	23.8	22.4	23.3	22.8	23.6	24.0
6H	22.6	23.3	22.9	23.7	24.0	22.7	23.4	23.1	23.8	24.2
8H	22.6	23.3	23.0	23.7	24.1	22.7	23.4	23.1	23.8	24.2
12H	22.6	23.3	23.1	23.7	24.1	22.7	23.4	23.2	23.8	24.2
8H 4H	22.4	23.1	22.8	23.5	23.9	22.5	23.2	22.9	23.6	24.0
6H	22.7	23.3	23.2	23.7	24.2	22.9	23.4	23.3	23.9	24.3
8H	22.9	23.4	23.3	23.8	24.3	23.0	23.5	23.4	23.9	24.4
12H	22.9	23.4	23.4	23.8	24.3	23.0	23.4	23.5	23.9	24.4
12H 4H	22.4	23.0	22.8	23.4	23.8	22.5	23.2	22.9	23.6	24.0
6H	22.8	23.3	23.2	23.7	24.2	22.9	23.4	23.3	23.8	24.3
8H	22.9	23.3	23.4	23.8	24.3	23.0	23.4	23.5	23.9	24.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.6 / - 0.7					+ 0.6 / - 0.7				
1.5H	+ 0.4 / - 0.5					+ 0.5 / - 0.5				
2.0H	+ 1.2 / - 0.8					+ 1.4 / - 0.9				

CIE Pub.117, 5596 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 6.0)
Area: 0.082 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:

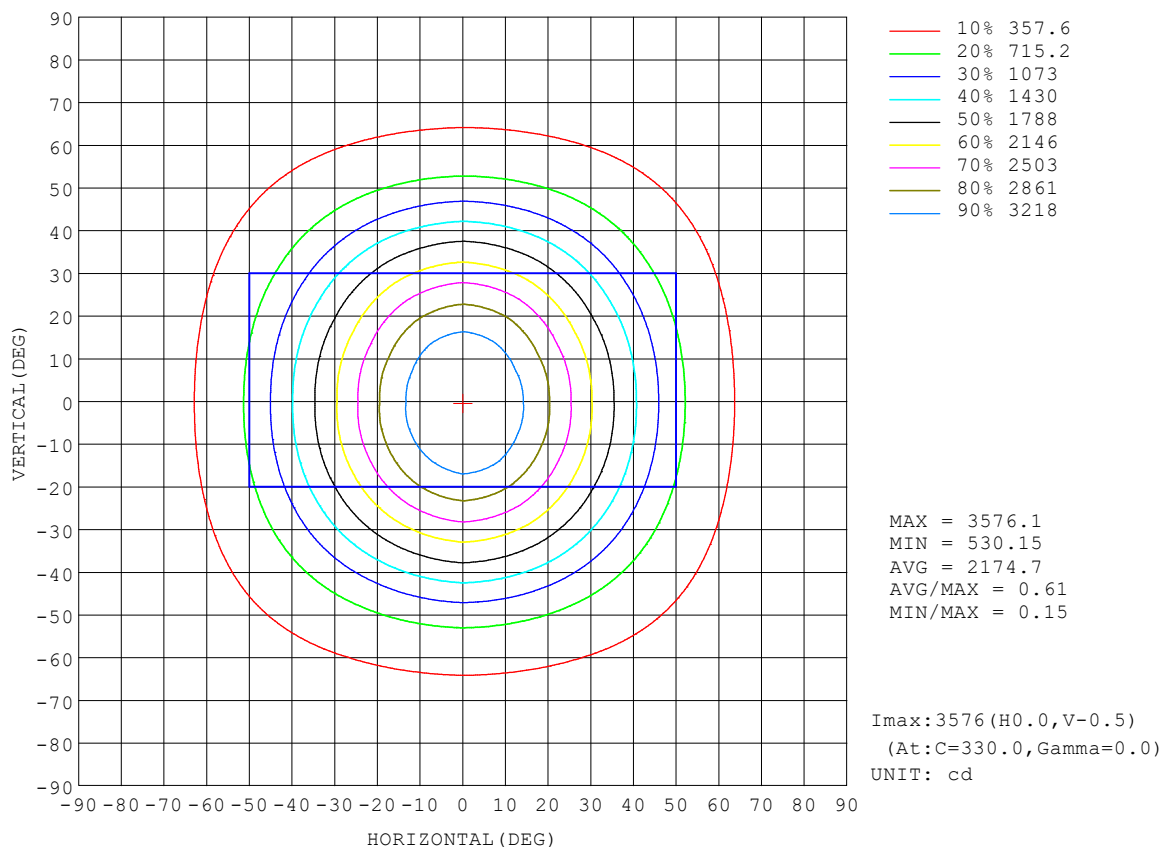
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	69	60	54	69	60	54	68	59	54	48
0.80	79	69	64	78	69	63	76	68	63	57
1.00	86	77	72	85	77	71	83	77	71	65
1.25	92	84	78	91	83	78	88	82	77	71
1.50	96	89	83	95	88	83	92	86	82	75
2.00	101	95	90	100	94	89	96	91	87	81
2.50	104	98	94	102	97	93	99	94	91	83
3.00	107	101	97	105	100	96	101	97	94	86
4.00	110	105	102	107	104	100	103	100	98	89
5.00	111	108	105	109	106	103	105	102	100	91
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity: 65.0%
Test Distance: 12.177m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:

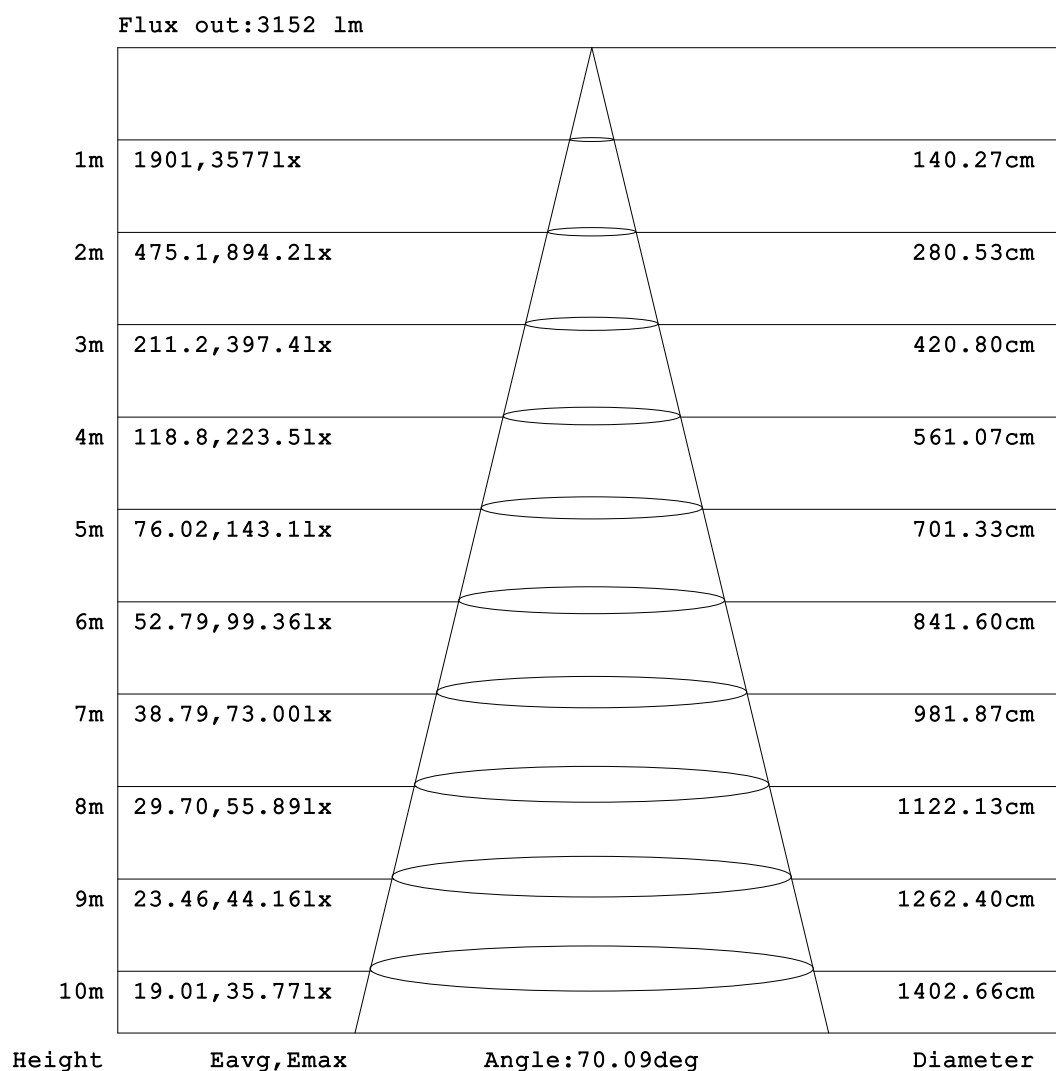


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

AAI Figure

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:



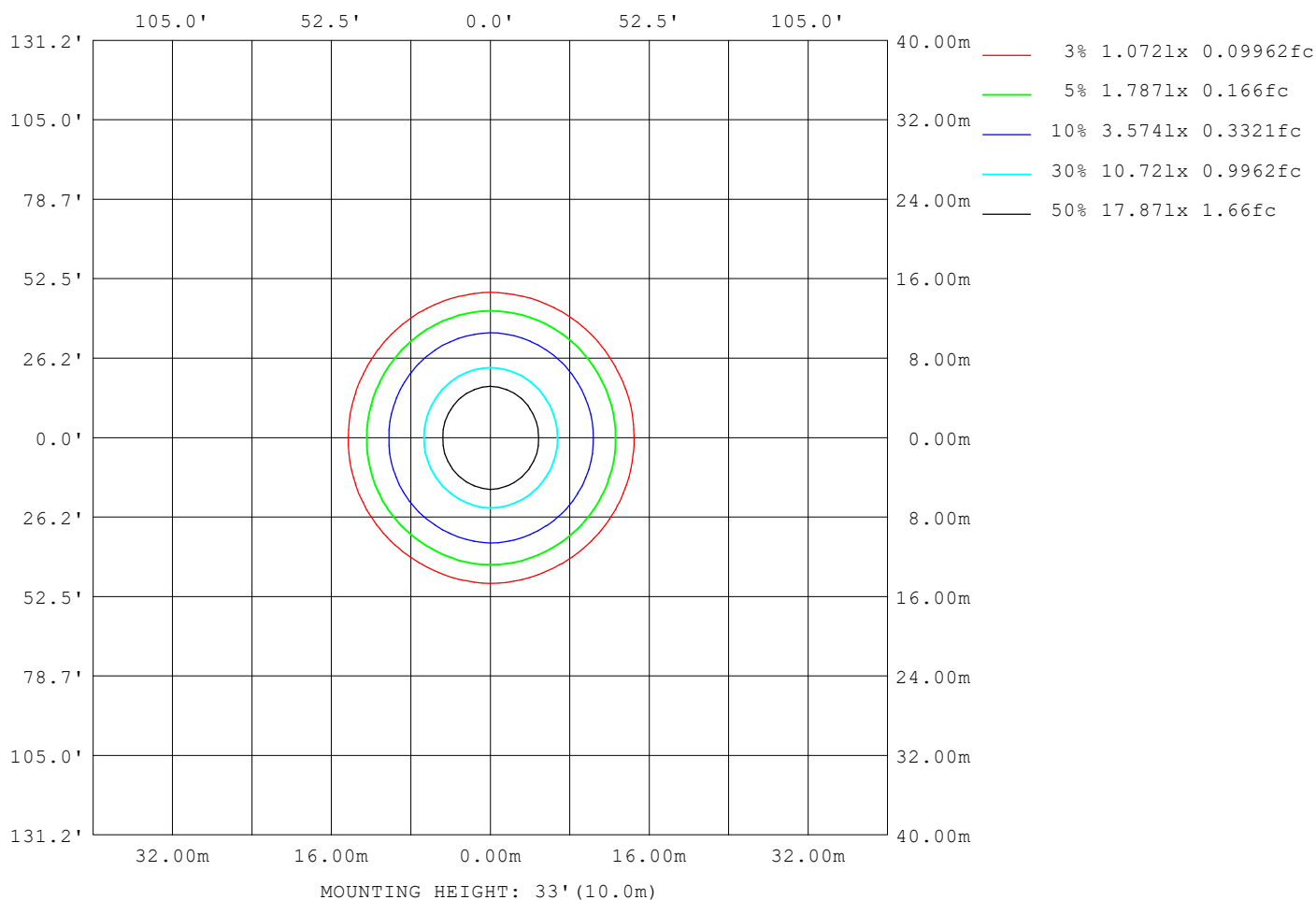
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2026-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.177m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:

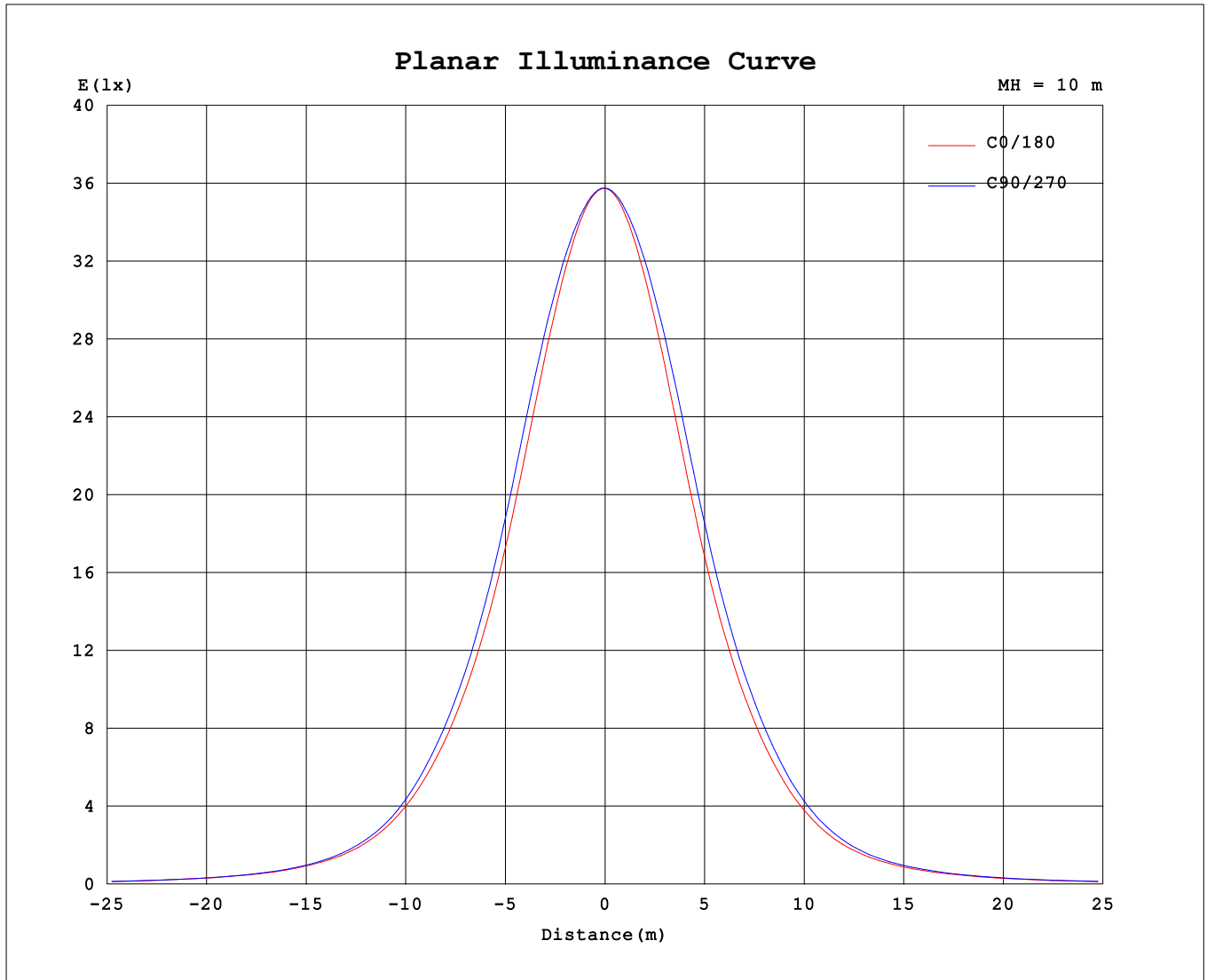
AvgL	cd/m2
L_0~180 (65) av	9285
L_0~180 (75) av	6921
L_0~180 (85) av	3899
L_90~270 (65) av	9782
L_90~270 (75) av	7364
L_90~270 (85) av	3724
L_45 (65) av	9426
L_45 (75) av	7028
L_45 (85) av	3900

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2026-04-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.177m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2026-04-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 12.177m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.09V I:0.2171A P:49.312W PF:0.9828 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5595.85x1 lm		
NAME: 62001000501.50W.4K	TYPE: 62001000501.50W.4K	WEIGHT:
SPEC.: 62001000501.50W.4K	DIM.: 1438*65*42mm	SERIAL No.:
MFR.:	SUR.: 1432*57mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	3575	3575	3575	3575	3575	3575	3575	3575	3575	3575	3575	3575						
5	3532	3538	3542	3543	3533	3526	3514	3515	3527	3532	3533	3528						
10	3395	3413	3440	3450	3422	3389	3359	3371	3410	3432	3421	3395						
15	3181	3217	3279	3300	3245	3178	3132	3159	3234	3271	3245	3186						
20	2884	2938	3027	3068	2992	2891	2824	2865	2970	3030	2992	2903						
25	2532	2591	2691	2743	2655	2539	2469	2516	2635	2704	2658	2553						
30	2168	2223	2322	2371	2279	2171	2106	2152	2270	2337	2288	2187						
35	1820	1869	1951	1996	1909	1820	1761	1804	1906	1968	1921	1836						
40	1481	1521	1582	1624	1544	1472	1419	1453	1537	1596	1558	1492						
45	1134	1164	1199	1232	1161	1118	1074	1097	1158	1206	1178	1137						
50	825	842	864	886	838	810	779	788	831	866	851	824						
55	596	604	613	629	598	585	567	570	595	617	610	595						
60	443	447	449	458	439	434	424	427	442	454	449	441						
65	330	332	331	340	325	322	313	316	326	338	334	330						
70	236	239	235	242	230	228	221	224	232	242	237	236						
75	154	156	152	157	147	146	140	141	147	155	153	153						
80	82.3	84.2	80.6	82.7	76.3	76.7	71.5	72.4	74.4	79.9	80.0	80.9						
85	31.0	31.8	29.2	27.8	26.5	27.3	24.8	24.8	25.0	25.4	28.2	29.6						
90	1.71	2.73	2.85	2.56	2.28	1.50	1.06	1.83	2.32	1.24	2.45	1.98						
95	0.89	1.24	1.22	1.09	1.23	1.17	1.29	1.36	1.41	1.23	1.33	1.37						
100	1.08	1.32	1.28	1.50	1.39	1.42	1.58	1.51	1.73	1.63	1.62	1.39						
105	1.40	1.64	1.72	2.01	1.88	1.81	1.99	1.93	2.23	2.14	2.07	1.75						
110	1.84	2.12	2.27	2.63	2.46	2.32	2.53	2.52	2.86	2.80	2.66	2.26						
115	2.44	2.72	2.98	3.37	3.15	2.96	3.21	3.22	3.63	3.59	3.41	2.93						
120	3.14	3.46	3.77	4.19	3.94	3.70	4.01	4.03	4.48	4.47	4.25	3.77						
125	3.97	4.30	4.67	5.14	4.89	4.55	4.91	4.98	5.47	5.47	5.21	4.69						
130	4.94	5.32	5.68	6.18	5.93	5.54	5.97	6.04	6.54	6.53	6.27	5.74						
135	6.02	6.39	6.77	7.25	7.03	6.64	7.09	7.15	7.65	7.62	7.35	6.86						
140	7.16	7.52	7.85	8.34	8.14	7.78	8.24	8.30	8.76	8.71	8.46	8.02						
145	8.31	8.67	8.95	9.42	9.25	8.95	9.42	9.45	9.87	9.79	9.58	9.18						
150	9.51	9.84	10.0	10.5	10.3	10.1	10.6	10.6	10.9	10.8	10.7	10.4						
155	10.7	11.0	11.1	11.5	11.4	11.3	11.7	11.7	11.9	11.8	11.7	11.5						
160	11.8	12.1	12.1	12.5	12.4	12.3	12.8	12.7	12.9	12.8	12.7	12.5						
165	12.9	13.1	13.0	13.3	13.3	13.3	13.7	13.5	13.7	13.5	13.5	13.4						
170	13.8	13.9	13.8	14.1	14.0	14.1	14.4	14.1	14.3	14.1	14.2	14.1						
175	14.5	14.4	14.3	14.6	14.5	14.6	14.8	14.5	14.6	14.5	14.7	14.5						
180	14.8	14.7	14.6	14.7	14.7	14.7	14.8	14.6	14.6	14.6	14.7	14.7						

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