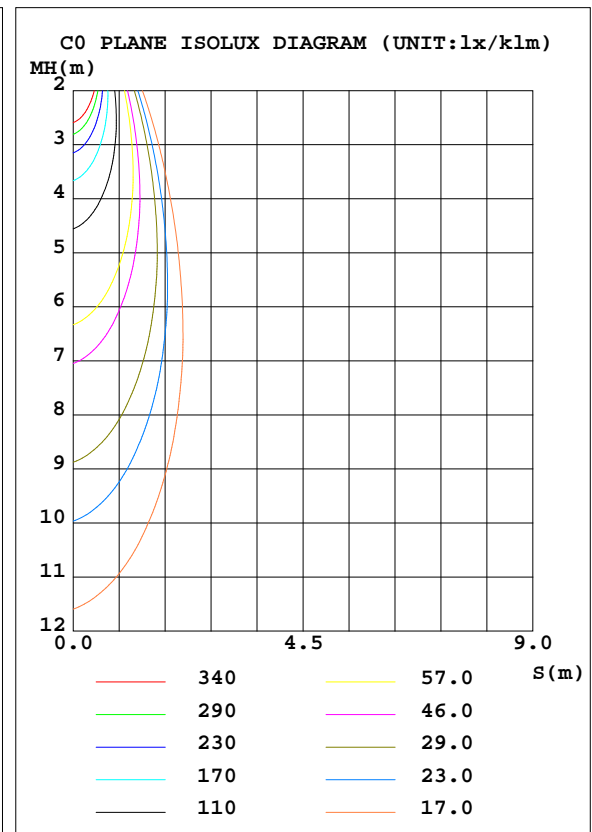
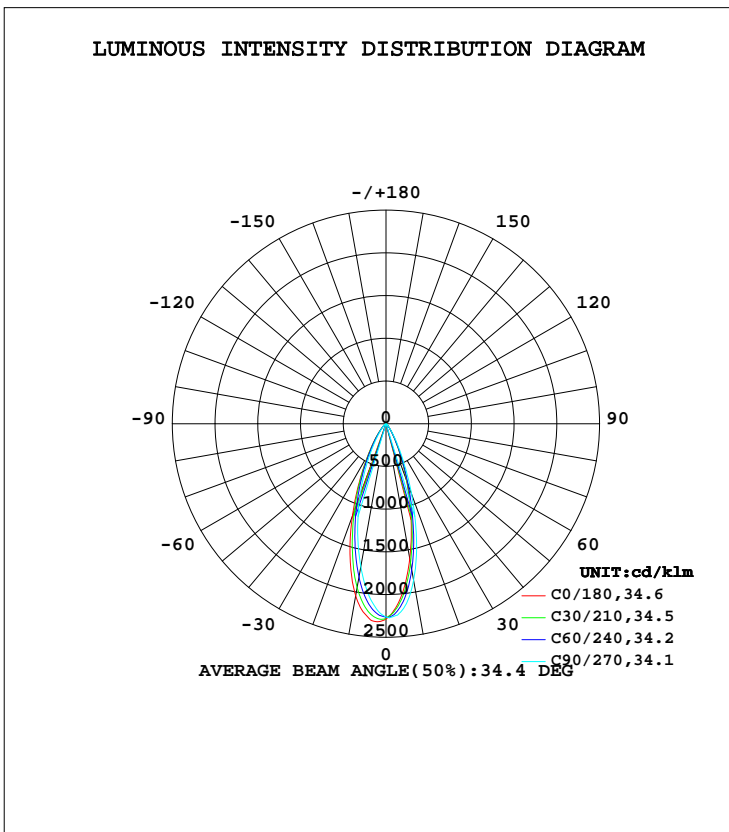


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.00V I:0.4080A P:9.828W PF:0.9823 Lamp Flux:1050.02x1 lm		
NAME: 03AR111-9W-30°	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:3.14*0.0052	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.84 lm/W			
MODEL		Imax(cd/klm)	2319	S/MH(C0/180)	0.65
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.55
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	1.0,46.9
NOMINAL FLUX(lm)	1050.02	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,51.5
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	98.4	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature:25.3DEG
 Operators:
 Test Date:29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.640m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

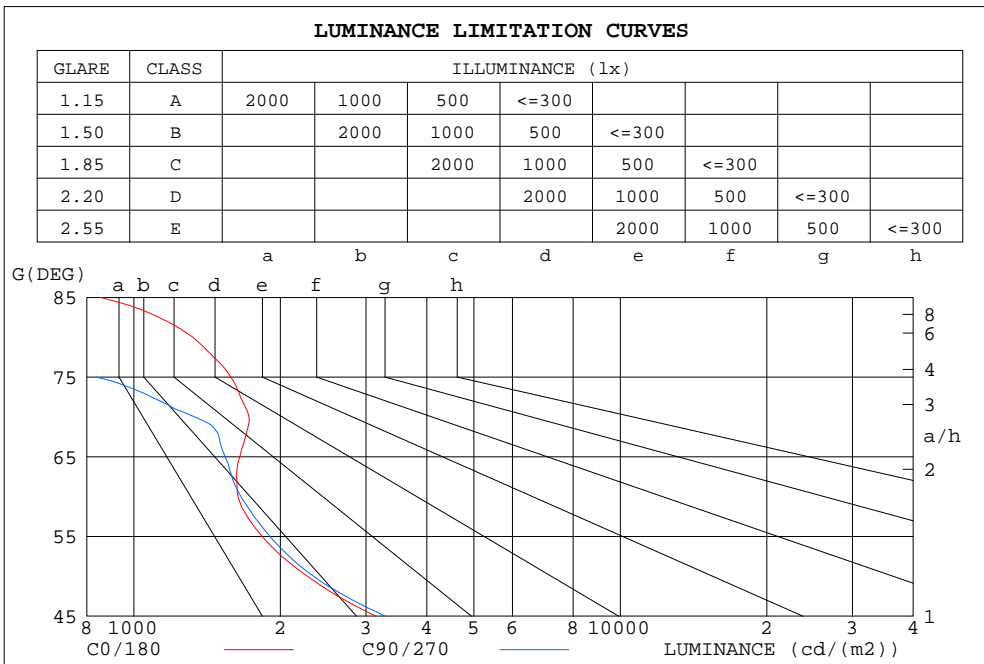
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
5	2032	2094	2190	2258	2286	2183	2064	1996	0- 5	52.59	52.59	5.26,5.26
10	1606	1696	1863	2011	2045	1885	1700	1597	5- 10	140.5	193.1	19.3,19.3
15	1129	1203	1380	1558	1626	1468	1283	1156	10- 15	185.5	378.6	37.9,37.9
20	704.3	740.0	876.3	1050	1152	1039	890.9	753.4	15- 20	182.9	561.6	56.2,56.2
25	391.6	402.6	482.4	620.0	725.4	671.1	553.7	440.9	20- 25	147.2	708.8	70.9,70.9
30	206.6	205.8	247.7	328.7	413.6	389.4	309.6	239.8	25- 30	101.2	810.0	81.81
35	107.0	104.8	123.2	170.2	225.7	213.1	165.2	126.8	30- 35	63.09	873.1	87.3,87.3
40	58.67	56.91	64.49	88.04	119.0	114.6	90.60	68.86	35- 40	37.91	911.0	91.1,91.1
45	34.90	33.67	36.58	47.79	64.61	63.34	50.70	39.78	40- 45	23.00	934.0	93.4,93.4
50	22.99	22.29	23.67	28.72	37.21	36.73	30.53	25.25	45- 50	14.62	948.6	94.9,94.9
55	16.56	16.33	17.17	19.65	23.72	23.41	20.20	17.86	50- 55	10.14	958.8	95.9,95.9
60	12.87	12.92	13.04	14.63	16.72	16.25	14.16	13.56	55- 60	7.673	966.5	96.6,96.6
65	10.97	10.91	10.22	11.38	12.54	11.91	10.01	10.84	60- 65	6.130	972.6	97.3,97.3
70	9.270	8.168	7.167	9.040	10.08	8.852	6.502	8.631	65- 70	5.001	977.6	97.8,97.8
75	6.436	3.908	3.405	5.863	8.205	5.627	2.278	4.785	70- 75	3.571	981.2	98.1,98.1
80	3.605	1.183	0.6259	1.390	5.721	1.881	0.2880	1.257	75- 80	1.758	982.9	98.3,98.3
85	1.169	0.2667	0.2822	0.2339	3.017	0.0591	0.1639	0.0518	80- 85	0.5459	983.5	98.3,98.3
90	0.0762	0.1266	0.0934	0.0763	0.3399	0.0174	0.1075	0.0347	85- 90	0.1352	983.6	98.4,98.4
95	0.0829	0.1128	0.0970	0.0745	0.0140	0.0105	0.0731	0.0312	90- 95	0.0339	983.6	98.4,98.4
100	0.1244	0.1573	0.1457	0.1092	0.0554	0.0398	0.0485	0.0589	95-100	0.0384	983.7	98.4,98.4
105	0.2112	0.2356	0.1977	0.1854	0.1005	0.0915	0.0723	0.1175	100-105	0.0642	983.7	98.4,98.4
110	0.3777	0.3674	0.3089	0.2734	0.1596	0.1540	0.1446	0.1961	105-110	0.1010	983.8	98.4,98.4
115	0.6547	0.5724	0.4796	0.3964	0.3244	0.2524	0.2451	0.2995	110-115	0.1590	984.0	98.4,98.4
120	1.039	0.9765	0.7602	0.6016	0.5752	0.3796	0.3705	0.4774	115-120	0.2468	984.2	98.4,98.4
125	1.691	1.560	1.225	0.9664	0.7147	0.5531	0.6094	0.8005	120-125	0.3710	984.6	98.5,98.5
130	2.725	2.496	2.031	1.628	0.9299	0.9192	1.074	1.364	125-130	0.5588	985.2	98.5,98.5
135	4.288	3.954	3.246	2.690	1.558	1.599	1.868	2.291	130-135	0.8520	986.0	98.6,98.6
140	6.306	5.826	4.947	4.262	2.560	2.668	3.075	3.631	135-140	1.245	987.3	98.7,98.7
145	8.665	8.004	7.005	6.286	3.983	4.094	4.676	5.279	140-145	1.673	988.9	98.9,98.9
150	10.96	10.19	9.232	8.517	5.557	5.760	6.423	7.034	145-150	2.038	991.0	99.1,99.1
155	12.84	12.17	11.30	10.75	7.297	7.501	8.111	8.653	150-155	2.243	993.2	99.3,99.3
160	13.91	13.50	12.98	12.58	8.895	9.022	9.599	9.902	155-160	2.216	995.4	99.5,99.5
165	14.20	13.97	13.81	13.57	10.18	10.11	10.51	10.65	160-165	1.934	997.4	99.7,99.7
170	13.78	13.70	13.64	13.66	10.95	10.79	10.90	11.08	165-170	1.453	998.8	99.9,99.9
175	13.07	13.12	13.04	13.21	11.60	11.47	11.40	11.70	170-175	0.8815	999.7	100,100
180	12.40	12.38	12.35	12.54	12.41	12.36	12.30	12.52	175-180	0.2959	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm								UNIT:lm/klm			

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature:25.3DEG
 Operators:
 Test Date:29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.640m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES



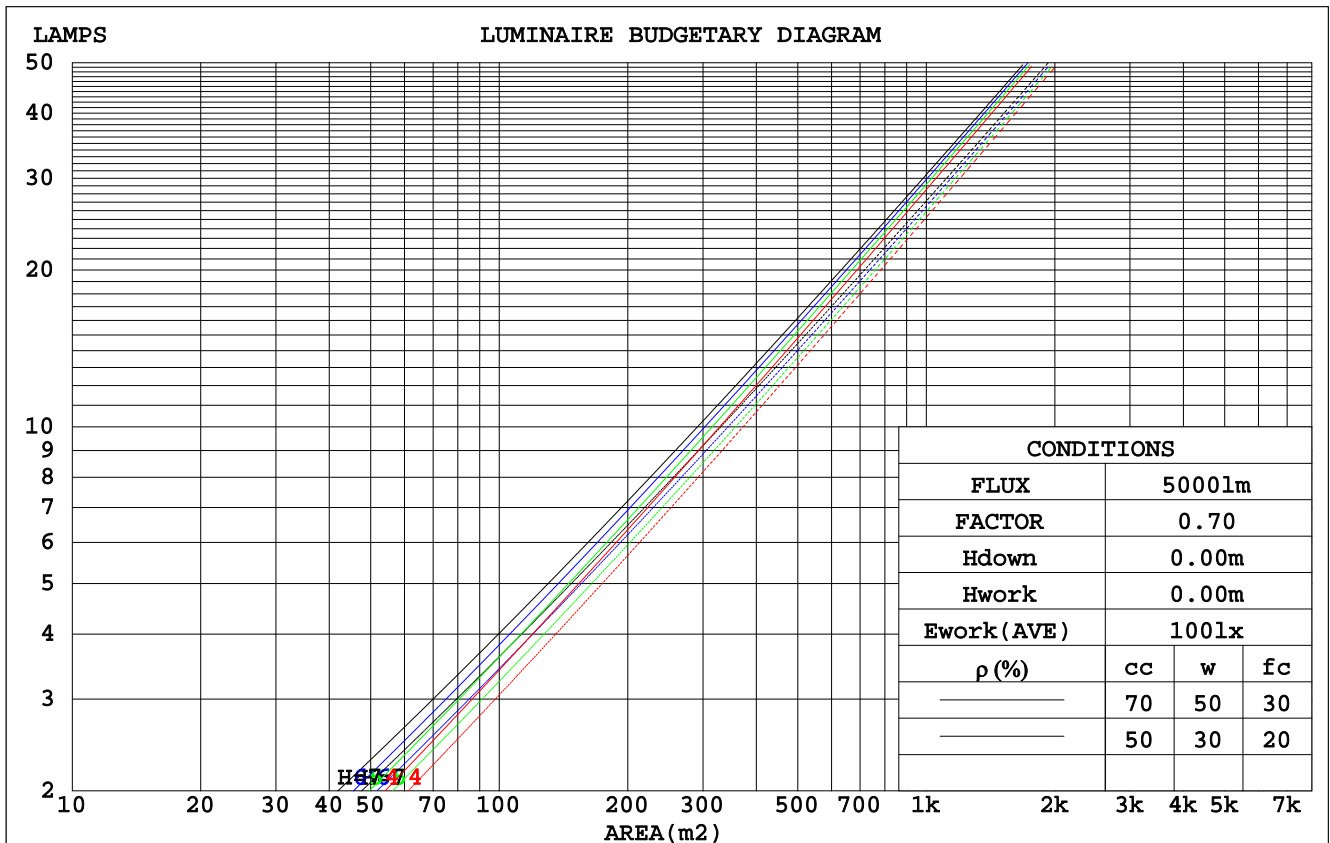
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	854	206
80	1321	229
75	1582	837
70	1725	1334
65	1651	1539
60	1638	1660
55	1837	1905
50	2276	2343
45	3141	3292

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.11	1.09	1.06	1.09	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.93	.95	.93	.91	.92	.91	.89	.87
3.0	.98	.93	.90	.96	.92	.89	.93	.90	.87	.91	.88	.86	.88	.86	.84	.83
4.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.76	.70	.67	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.64
9.0	.72	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.61
10.0	.69	.64	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.66	.63	.60	.59



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

WEC AND CCEC

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	.168	.095	.030	.161	.092	.029	.147	.084	.027	.135	.078	.025	.123	.072	.023	
2.0	.159	.087	.027	.153	.084	.026	.141	.079	.024	.131	.073	.023	.121	.068	.022	
3.0	.149	.080	.024	.144	.077	.023	.135	.073	.022	.126	.069	.021	.117	.065	.020	
4.0	.141	.073	.022	.137	.071	.021	.128	.068	.020	.120	.065	.020	.113	.061	.019	
5.0	.133	.068	.020	.130	.066	.019	.122	.064	.019	.115	.061	.018	.109	.058	.018	
6.0	.127	.063	.018	.123	.062	.018	.117	.060	.017	.111	.058	.017	.105	.055	.016	
7.0	.120	.060	.017	.117	.058	.017	.112	.056	.016	.106	.055	.016	.101	.053	.015	
8.0	.115	.056	.016	.112	.055	.016	.107	.053	.015	.102	.052	.015	.098	.050	.015	
9.0	.110	.053	.015	.107	.052	.015	.103	.051	.014	.098	.049	.014	.094	.048	.014	
10.0	.105	.050	.014	.103	.050	.014	.099	.048	.014	.095	.047	.013	.091	.046	.013	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.183	.170	.158	.157	.146	.136	.107	.100	.094	.062	.058	.055	.020	.019	.018	
2.0	.167	.145	.127	.143	.125	.110	.098	.086	.076	.057	.050	.045	.018	.016	.015	
3.0	.154	.126	.104	.132	.109	.090	.091	.076	.063	.052	.044	.037	.017	.014	.012	
4.0	.143	.111	.087	.123	.096	.076	.084	.067	.053	.049	.039	.032	.016	.013	.010	
5.0	.134	.100	.074	.115	.086	.065	.079	.060	.046	.046	.035	.027	.015	.012	.009	
6.0	.126	.090	.065	.108	.078	.056	.075	.055	.040	.043	.032	.024	.014	.011	.008	
7.0	.119	.082	.057	.102	.071	.050	.071	.050	.035	.041	.029	.021	.013	.010	.007	
8.0	.113	.076	.051	.097	.066	.044	.067	.046	.031	.039	.027	.019	.013	.009	.006	
9.0	.107	.071	.046	.092	.061	.040	.064	.043	.028	.037	.025	.017	.012	.008	.006	
10.0	.103	.066	.042	.088	.057	.036	.061	.040	.026	.036	.024	.015	.012	.008	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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	9.2	10.0	9.4	10.2	10.4	9.4	10.3	9.7	10.5	10.7
3H	10.0	10.7	10.2	11.0	11.2	9.9	10.7	10.2	10.9	11.2
4H	10.3	11.1	10.6	11.3	11.5	10.0	10.8	10.3	11.0	11.2
6H	10.5	11.2	10.9	11.5	11.8	10.0	10.6	10.3	10.9	11.2
8H	10.6	11.3	10.9	11.5	11.8	9.9	10.6	10.2	10.9	11.1
12H	10.6	11.2	10.9	11.5	11.8	9.9	10.5	10.2	10.8	11.1
4H 2H	9.3	10.1	9.6	10.3	10.6	9.6	10.3	9.9	10.6	10.8
3H	10.4	11.0	10.7	11.3	11.6	10.2	10.9	10.6	11.2	11.5
4H	10.8	11.4	11.2	11.7	12.1	10.3	10.9	10.7	11.2	11.6
6H	11.1	11.6	11.5	11.9	12.3	10.3	10.8	10.7	11.1	11.5
8H	11.1	11.6	11.6	12.0	12.4	10.2	10.7	10.6	11.1	11.5
12H	11.1	11.6	11.6	12.0	12.4	10.2	10.6	10.6	11.0	11.4
8H 4H	10.8	11.3	11.2	11.6	12.0	10.3	10.8	10.7	11.2	11.6
6H	11.1	11.5	11.5	11.9	12.3	10.3	10.6	10.7	11.1	11.5
8H	11.1	11.5	11.6	11.9	12.4	10.2	10.6	10.7	11.0	11.5
12H	11.2	11.5	11.7	11.9	12.4	10.2	10.5	10.7	10.9	11.4
12H 4H	10.7	11.2	11.2	11.6	12.0	10.3	10.7	10.7	11.1	11.5
6H	11.0	11.4	11.5	11.8	12.3	10.2	10.6	10.7	11.0	11.5
8H	11.1	11.4	11.6	11.9	12.4	10.2	10.5	10.7	10.9	11.4
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.0					+ 1.7 / - 1.6				
1.5H	+ 1.9 / - 0.8					+ 2.9 / - 1.3				
2.0H	+ 1.3 / - 0.6					+ 1.9 / - 0.9				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.640m [K=1.0000]
Remarks:

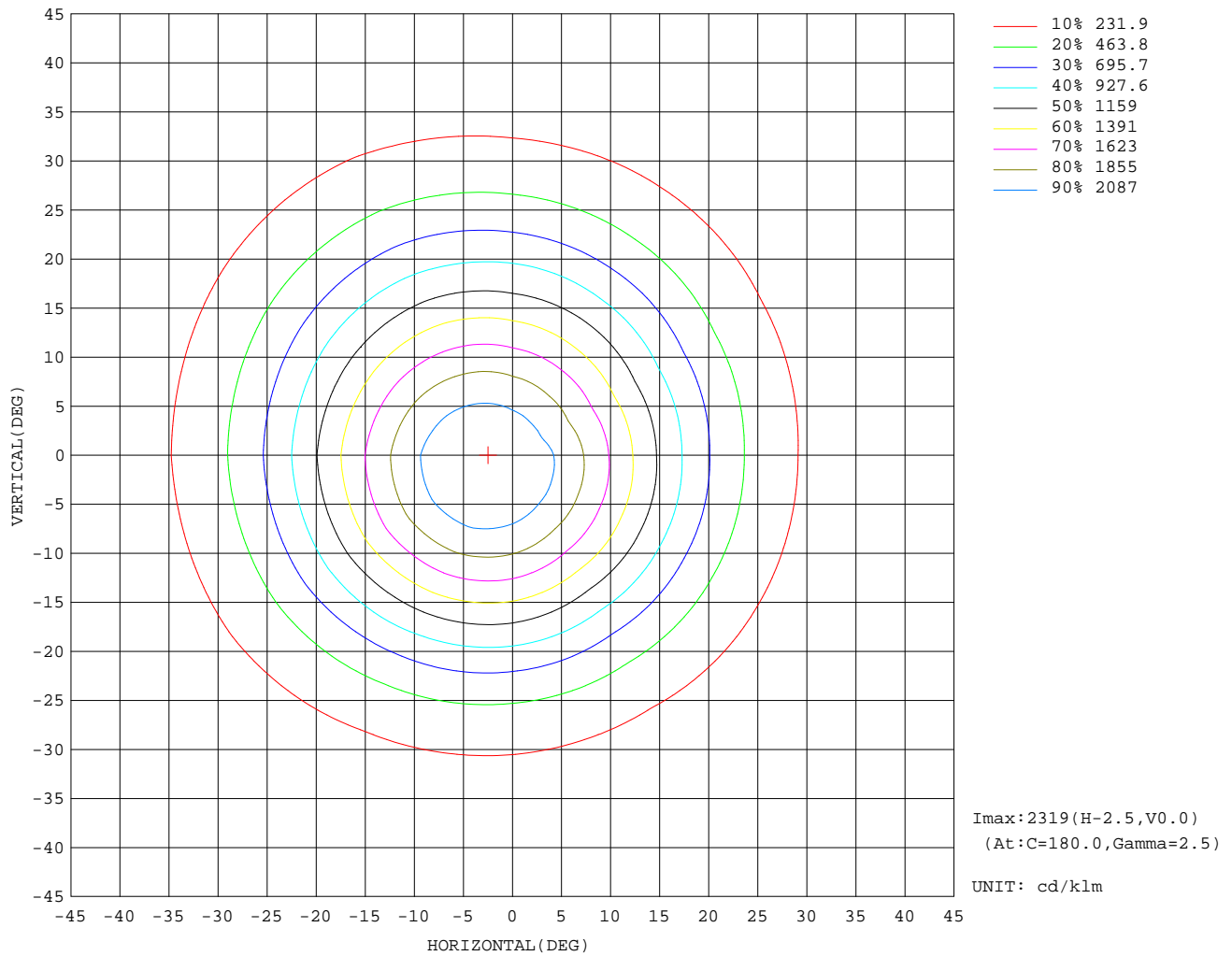
UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	85	79	76	85	79	75	72
0.80	94	87	84	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

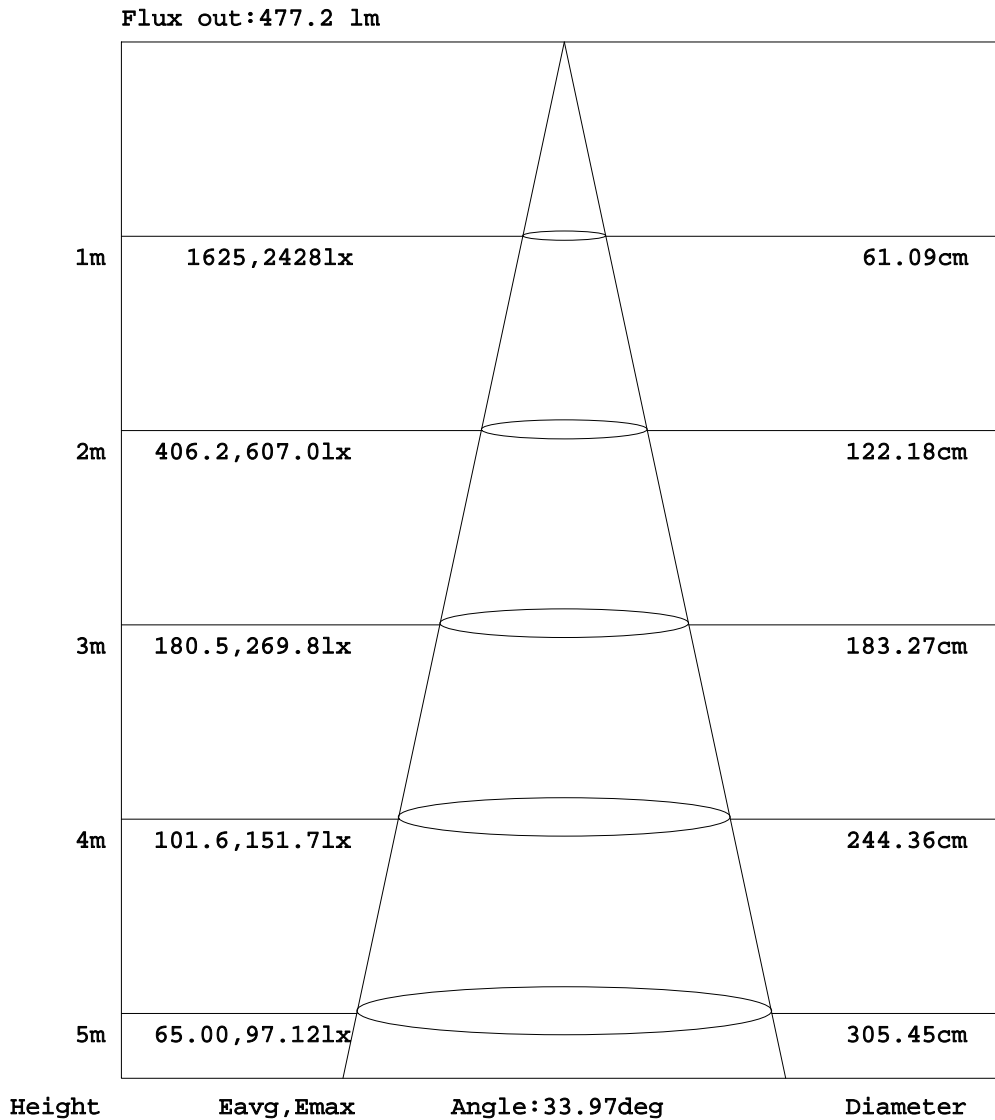
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

AAI Figure

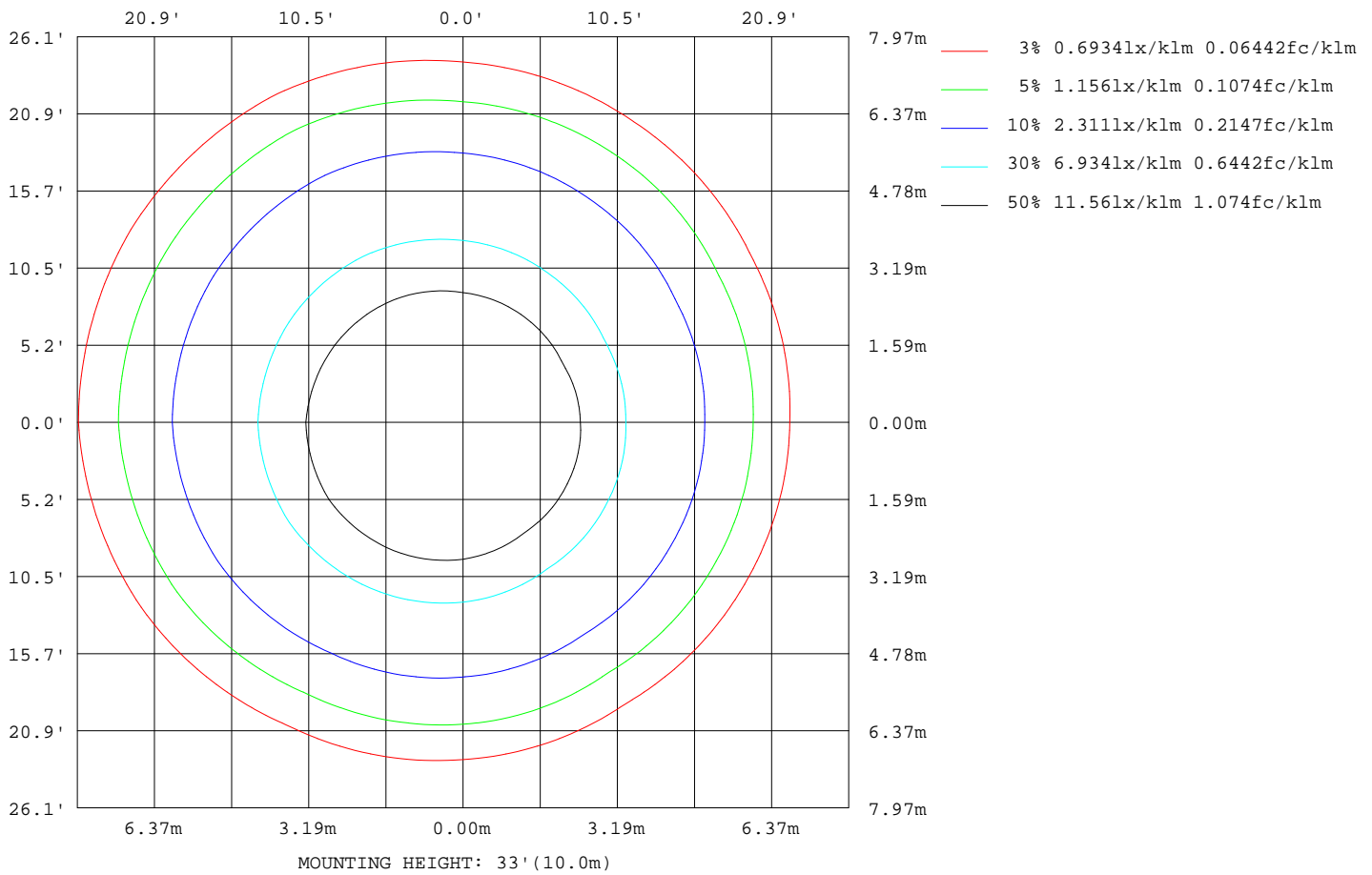


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.00V I:0.4080A P:9.828W PF:0.9823 Lamp Flux:1050.02x1 lm		
NAME: AR111	TYPE:1	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:3.14*0.0052	Shielding Angle:

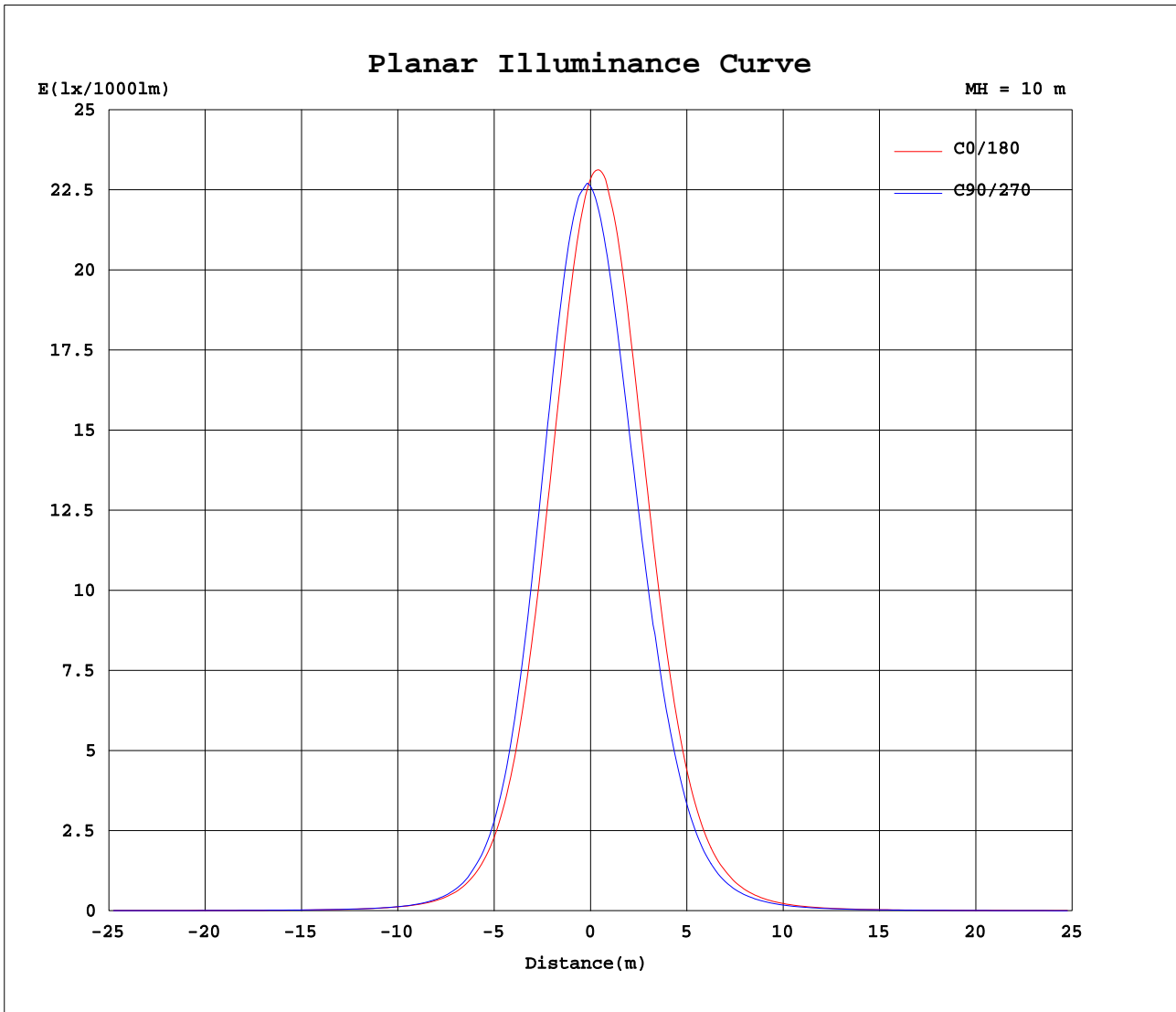
AvgL	cd/m2
L_0~180(65)av	1770
L_0~180(75)av	1800
L_0~180(85)av	1528
L_90~270(65)av	1523
L_90~270(75)av	699
L_90~270(85)av	163
L_45(65)av	1702
L_45(75)av	1240
L_45(85)av	49

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.640m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators:
 Test Date: 29 October 2020

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.640m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd/klm

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	2284	2273	2264	2261	2247	2246	2284	2273	2264	2261	2247	2246							
5	2032	2067	2121	2190	2251	2266	2286	2224	2143	2064	2010	1983							
10	1606	1657	1736	1863	1979	2044	2045	1948	1822	1700	1623	1570							
15	1129	1171	1235	1380	1507	1609	1626	1526	1410	1283	1195	1117							
20	704	721	759	876	990	1110	1152	1081	997	891	792	714							
25	392	394	411	482	566	675	725	697	645	554	473	409							
30	207	205	206	248	291	367	414	404	374	310	259	220							
35	107	104	105	123	147	193	226	220	206	165	137	116							
40	58.7	56.8	57.0	64.5	76.4	99.7	119	119	110	90.6	74.3	63.4							
45	34.9	33.5	33.8	36.6	41.9	53.7	64.6	65.9	60.8	50.7	42.7	36.9							
50	23.0	22.2	22.4	23.7	26.0	31.4	37.2	37.9	35.6	30.5	26.8	23.7							
55	16.6	16.3	16.4	17.2	18.4	20.9	23.7	23.8	23.0	20.2	18.7	17.0							
60	12.9	12.9	13.0	13.0	13.9	15.3	16.7	16.7	15.8	14.2	13.9	13.2							
65	11.0	11.1	10.7	10.2	10.8	12.0	12.5	12.6	11.3	10.0	10.5	11.2							
70	9.27	9.02	7.31	7.17	8.20	9.88	10.1	9.79	7.92	6.50	7.73	9.54							
75	6.44	5.16	2.65	3.41	4.62	7.10	8.21	7.16	4.09	2.28	3.52	6.05							
80	3.61	1.68	0.68	0.63	0.63	2.14	5.72	3.20	0.56	0.29	0.29	2.22							
85	1.17	0.27	0.26	0.28	0.26	0.20	3.02	0.06	0.06	0.16	0.04	0.06							
90	0.08	0.12	0.14	0.09	0.08	0.07	0.34	0.01	0.02	0.11	0.04	0.03							
95	0.08	0.12	0.10	0.10	0.07	0.08	0.01	0.00	0.02	0.07	0.04	0.02							
100	0.12	0.16	0.15	0.15	0.10	0.12	0.06	0.02	0.06	0.05	0.08	0.04							
105	0.21	0.26	0.21	0.20	0.16	0.21	0.10	0.09	0.09	0.07	0.12	0.12							
110	0.38	0.39	0.34	0.31	0.25	0.29	0.16	0.15	0.16	0.14	0.19	0.20							
115	0.65	0.61	0.54	0.48	0.38	0.41	0.32	0.27	0.23	0.25	0.28	0.31							
120	1.04	1.08	0.87	0.76	0.61	0.59	0.58	0.41	0.35	0.37	0.44	0.51							
125	1.69	1.67	1.45	1.22	1.03	0.90	0.71	0.53	0.57	0.61	0.73	0.87							
130	2.73	2.59	2.40	2.03	1.76	1.50	0.93	0.90	0.94	1.07	1.26	1.47							
135	4.29	4.09	3.82	3.25	2.88	2.50	1.56	1.55	1.64	1.87	2.13	2.45							
140	6.31	6.11	5.54	4.95	4.44	4.09	2.56	2.63	2.70	3.08	3.41	3.85							
145	8.66	8.34	7.67	7.00	6.41	6.16	3.98	4.03	4.16	4.68	5.04	5.52							
150	11.0	10.5	9.90	9.23	8.67	8.36	5.56	5.66	5.86	6.42	6.82	7.25							
155	12.8	12.4	11.9	11.3	10.9	10.6	7.30	7.39	7.61	8.11	8.48	8.83							
160	13.9	13.7	13.3	13.0	12.6	12.5	8.89	8.91	9.14	9.60	9.79	10.0							
165	14.2	14.0	13.9	13.8	13.5	13.6	10.2	10.0	10.2	10.5	10.6	10.7							
170	13.8	13.7	13.7	13.6	13.6	13.8	11.0	10.8	10.8	10.9	11.1	11.1							
175	13.1	13.1	13.2	13.0	13.1	13.3	11.6	11.5	11.4	11.4	11.7	11.7							
180	12.4	12.4	12.4	12.4	12.5	12.6	12.4	12.4	12.4	12.3	12.5	12.6							

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