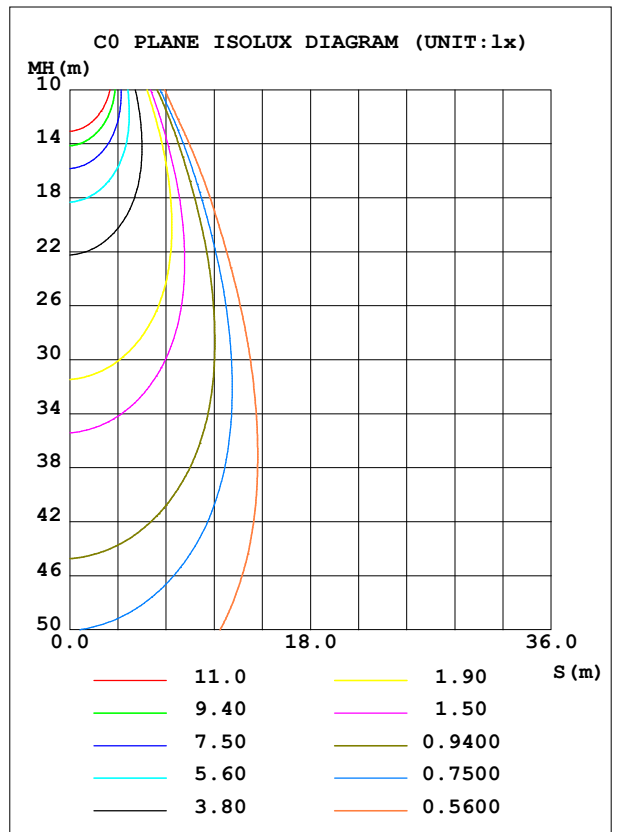
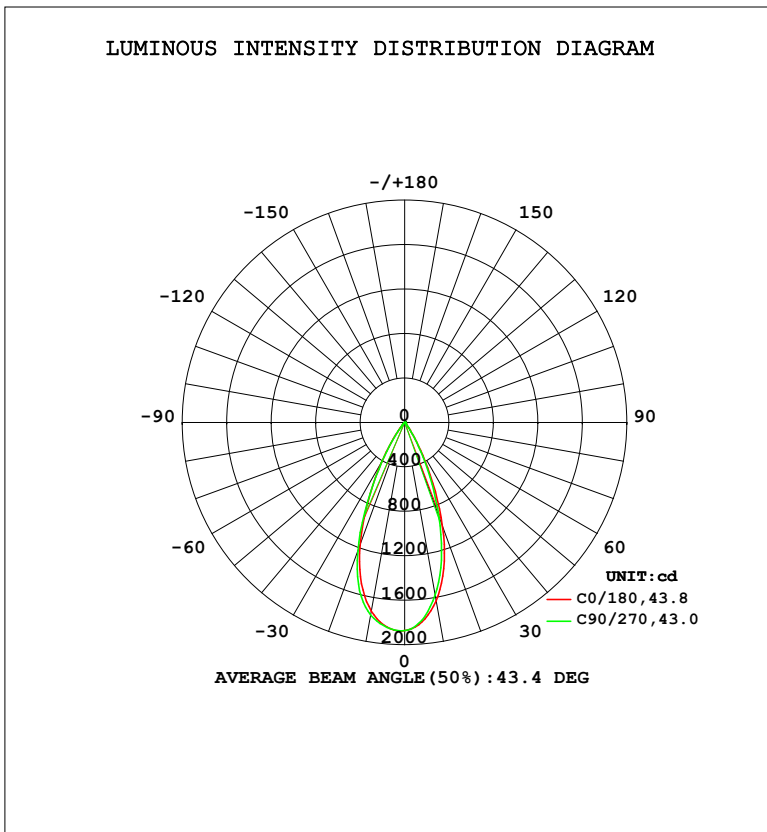


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz		
Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ALDL0953	Imax (cd)	1877	S/MH (C0/180)	0.71
NOMINAL POWER (W)	14	LOR (%)	100.0	S/MH (C90/270)	0.71
RATED VOLTAGE (V)		TOTAL FLUX (lm)	986.72	η UP, DN (C0-180)	0.0, 45.2
NOMINAL FLUX (lm)	986.721	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 54.7
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)		η down (%)	99.9	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2 °C
 Operators: Brooke
 Test Date: 2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 2.900m [K=0.8817]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1631	1576	1578	1642	1724	1766	1760	1711	0- 10	169.1	169.1	17.1,17.1
20	999.1	911.5	904.5	1013	1175	1258	1237	1141	10- 20	391.0	560.0	56.8,56.8
30	290.7	249.1	258.5	324.7	424.4	454.8	415.2	364.1	20- 30	310.2	870.3	88.2,88.2
40	37.56	35.74	39.58	47.96	57.27	58.55	51.55	43.78	30- 40	95.73	966.0	97.9,97.9
50	6.153	5.947	7.007	8.611	10.16	9.800	8.616	7.187	40- 50	16.58	982.6	99.6,99.6
60	0.5567	0.5613	0.6250	0.6939	0.7825	0.7390	0.6323	0.5874	50- 60	2.563	985.1	99.8,99.8
70	0.1343	0.1430	0.1541	0.1736	0.1635	0.1486	0.1279	0.1212	60- 70	0.3176	985.4	99.9,99.9
80	0.0240	0.0306	0.0326	0.0377	0.0261	0.0354	0.0282	0.0299	70- 80	0.0822	985.5	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	0.0077	985.5	99.9,99.9
100	0	0	0	0	0	0	0	0	90-100	0	985.5	99.9,99.9
110	0	0	0	0	0	0	0	0	100-110	0	985.5	99.9,99.9
120	0.0105	0.0103	0.0094	0.0060	0.0098	0.0085	0.0103	0.0116	110-120	0.0020	985.5	99.9,99.9
130	0.0957	0.0976	0.0905	0.0865	0.1128	0.0989	0.0964	0.1170	120-130	0.0383	985.6	99.9,99.9
140	0.2781	0.2682	0.2476	0.2721	0.4716	0.4130	0.3575	0.4469	130-140	0.1599	985.7	99.9,99.9
150	0.4486	0.4229	0.3716	0.4597	0.8975	0.8388	0.6906	0.8411	140-150	0.3040	986.0	99.9,99.9
160	0.6234	0.5865	0.5589	0.6541	1.196	1.184	1.027	1.105	150-160	0.3486	986.4	100,100
170	0.6521	0.6053	0.6418	0.7133	1.127	1.128	1.066	1.094	160-170	0.2506	986.6	100,100
180	0.8451	0.8249	0.8871	0.8916	0.8450	0.8111	0.8490	0.8925	170-180	0.0824	986.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 977.29 lm

%lum = 99.0%

%lamp = 99.0%

Conical surface Flux(120deg): 985.13 lm

%lum = 99.8%

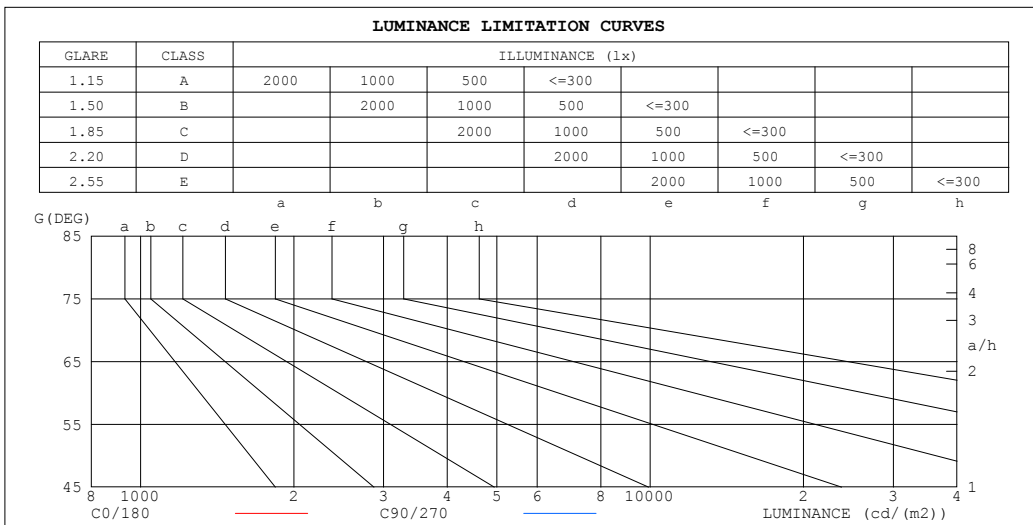
%lamp = 99.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.721x1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	1	1
65	1	1
60	2	2
55	4	5
50	13	15
45	31	34

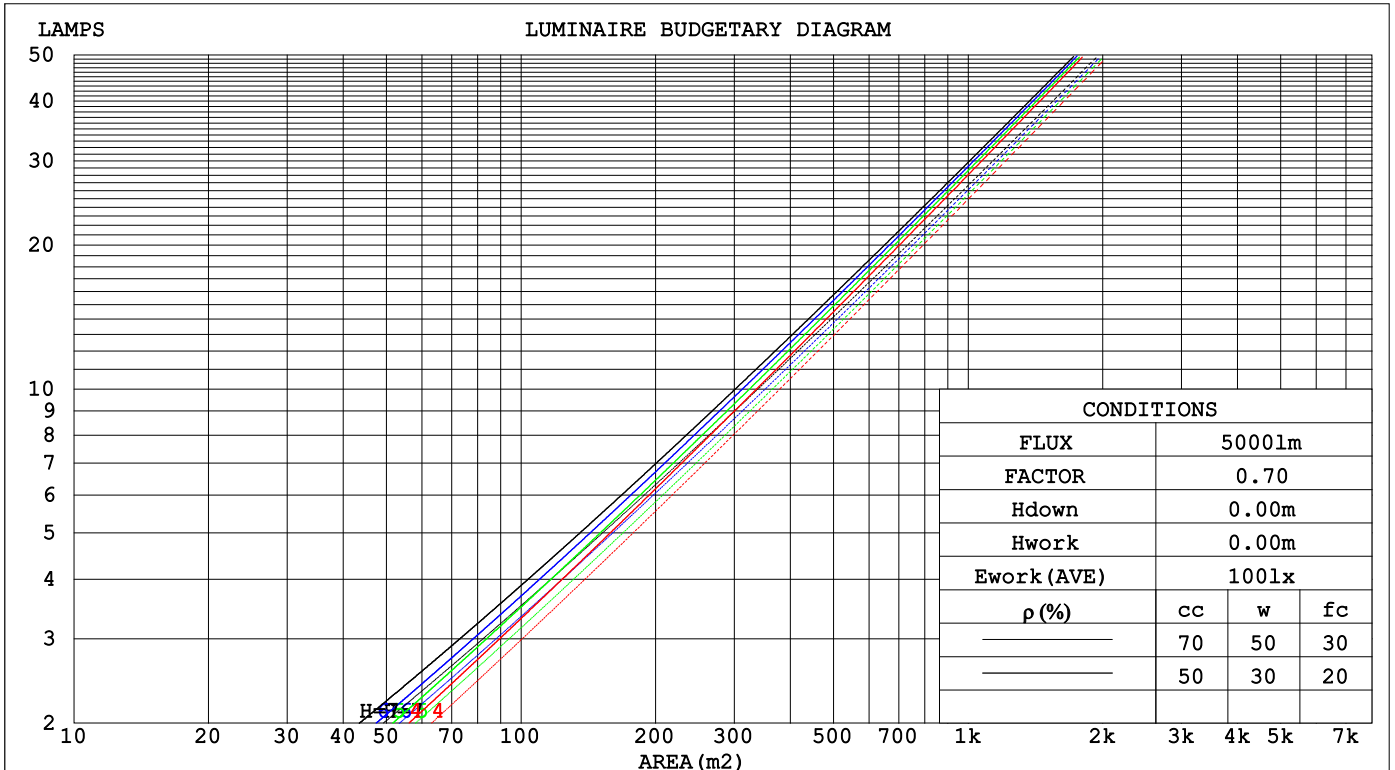
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2°C
 Operators: Brooke
 Test Date: 2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 2.900m [K=0.8817]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	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	1.02	1.02	1.02	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.98	.95	.94	.95	.93	.92	.90
3.0	.00	.95	.92	.98	.94	.91	.96	.92	.90	.93	.91	.88	.91	.89	.87	.86
4.0	.94	.90	.86	.93	.89	.85	.91	.87	.84	.89	.86	.84	.87	.85	.83	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
8.0	.78	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.68	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.68	.65	.62	.61



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2°C
Operators:Brooke
Test Date:2022-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:2.900m [K=0.8817]
Remarks:

WEC AND CCEC

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.721x1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	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	.157	.089	.028	.151	.086	.027	.138	.079	.025	.126	.073	.023	.116	.067	.022	
2.0	.148	.081	.025	.143	.079	.024	.132	.074	.023	.123	.069	.022	.114	.064	.020	
3.0	.140	.075	.022	.136	.073	.022	.127	.069	.021	.119	.065	.020	.111	.062	.019	
4.0	.133	.069	.020	.129	.068	.020	.122	.065	.019	.115	.062	.019	.108	.059	.018	
5.0	.127	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	.105	.056	.017	
6.0	.121	.061	.017	.118	.060	.017	.112	.058	.017	.107	.056	.016	.102	.054	.016	
7.0	.116	.057	.016	.113	.056	.016	.108	.055	.016	.103	.053	.015	.099	.051	.015	
8.0	.111	.054	.015	.108	.053	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014	
9.0	.106	.051	.014	.104	.051	.014	.100	.050	.014	.097	.048	.014	.093	.047	.014	
10.0	.102	.049	.014	.100	.049	.014	.097	.047	.013	.093	.046	.013	.090	.045	.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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.171	.158	.147	.146	.136	.127	.100	.094	.088	.057	.054	.051	.018	.017	.016	
2.0	.154	.134	.116	.132	.115	.101	.090	.080	.070	.052	.046	.041	.017	.015	.013	
3.0	.140	.114	.094	.120	.099	.081	.083	.069	.057	.048	.040	.034	.015	.013	.011	
4.0	.129	.099	.077	.111	.086	.066	.076	.060	.047	.044	.035	.028	.014	.011	.009	
5.0	.120	.087	.064	.103	.076	.055	.071	.053	.039	.041	.031	.023	.013	.010	.008	
6.0	.112	.078	.053	.096	.067	.047	.066	.047	.033	.038	.028	.020	.012	.009	.006	
7.0	.105	.070	.046	.090	.061	.040	.062	.043	.028	.036	.025	.017	.012	.008	.006	
8.0	.099	.064	.039	.085	.055	.034	.059	.039	.024	.034	.023	.014	.011	.007	.005	
9.0	.094	.058	.034	.081	.051	.030	.056	.036	.021	.033	.021	.013	.011	.007	.004	
10.0	.089	.054	.030	.077	.047	.026	.053	.033	.019	.031	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz										
Lamp Flux:986.72lx1 lm										
NAME: ALDL0953 3000K 38					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Alpha					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	-6.1	-5.3	-5.8	-5.1	-4.9	-6.5	-5.7	-6.2	-5.5	-5.3
3H	-6.2	-5.5	-6.0	-5.3	-5.1	-6.6	-5.9	-6.4	-5.7	-5.5
4H	-6.3	-5.6	-6.0	-5.4	-5.2	-6.7	-6.0	-6.4	-5.8	-5.6
6H	-6.4	-5.7	-6.1	-5.5	-5.3	-6.8	-6.1	-6.5	-5.9	-5.7
8H	-6.4	-5.8	-6.1	-5.6	-5.3	-6.8	-6.2	-6.5	-6.0	-5.7
12H	-6.5	-5.9	-6.2	-5.6	-5.3	-6.9	-6.3	-6.6	-6.0	-5.7
4H 2H	-6.3	-5.6	-6.0	-5.4	-5.2	-6.7	-6.0	-6.4	-5.8	-5.6
3H	-6.5	-5.9	-6.2	-5.6	-5.3	-6.9	-6.3	-6.6	-6.0	-5.7
4H	-6.6	-6.0	-6.2	-5.7	-5.4	-7.0	-6.4	-6.6	-6.1	-5.8
6H	-6.7	-6.2	-6.3	-5.9	-5.5	-7.1	-6.6	-6.7	-6.3	-5.9
8H	-6.7	-6.3	-6.3	-5.9	-5.6	-7.1	-6.7	-6.7	-6.3	-6.0
12H	-6.8	-6.4	-6.4	-6.0	-5.6	-7.2	-6.8	-6.8	-6.4	-6.0
8H 4H	-6.7	-6.3	-6.3	-5.9	-5.6	-7.1	-6.7	-6.7	-6.3	-6.0
6H	-6.8	-6.5	-6.4	-6.1	-5.7	-7.2	-6.9	-6.8	-6.5	-6.1
8H	-6.9	-6.6	-6.4	-6.1	-5.7	-7.3	-7.0	-6.8	-6.5	-6.1
12H	-7.0	-6.7	-6.5	-6.2	-5.8	-7.4	-7.1	-6.9	-6.6	-6.2
12H 4H	-6.8	-6.4	-6.4	-6.0	-5.6	-7.2	-6.8	-6.8	-6.4	-6.0
6H	-6.9	-6.6	-6.4	-6.1	-5.7	-7.3	-7.0	-6.8	-6.5	-6.1
8H	-7.0	-6.7	-6.5	-6.2	-5.8	-7.4	-7.1	-6.9	-6.6	-6.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.0 / -17.2					+ 4.0 / -17.2				
1.5H	+ 6.3 / -14.0					+ 6.2 / -14.1				
2.0H	+ 7.2 / -13.5					+ 7.3 / -13.7				

CIE Pub.117, 986.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.0)
 Area: 0.72 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2℃
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

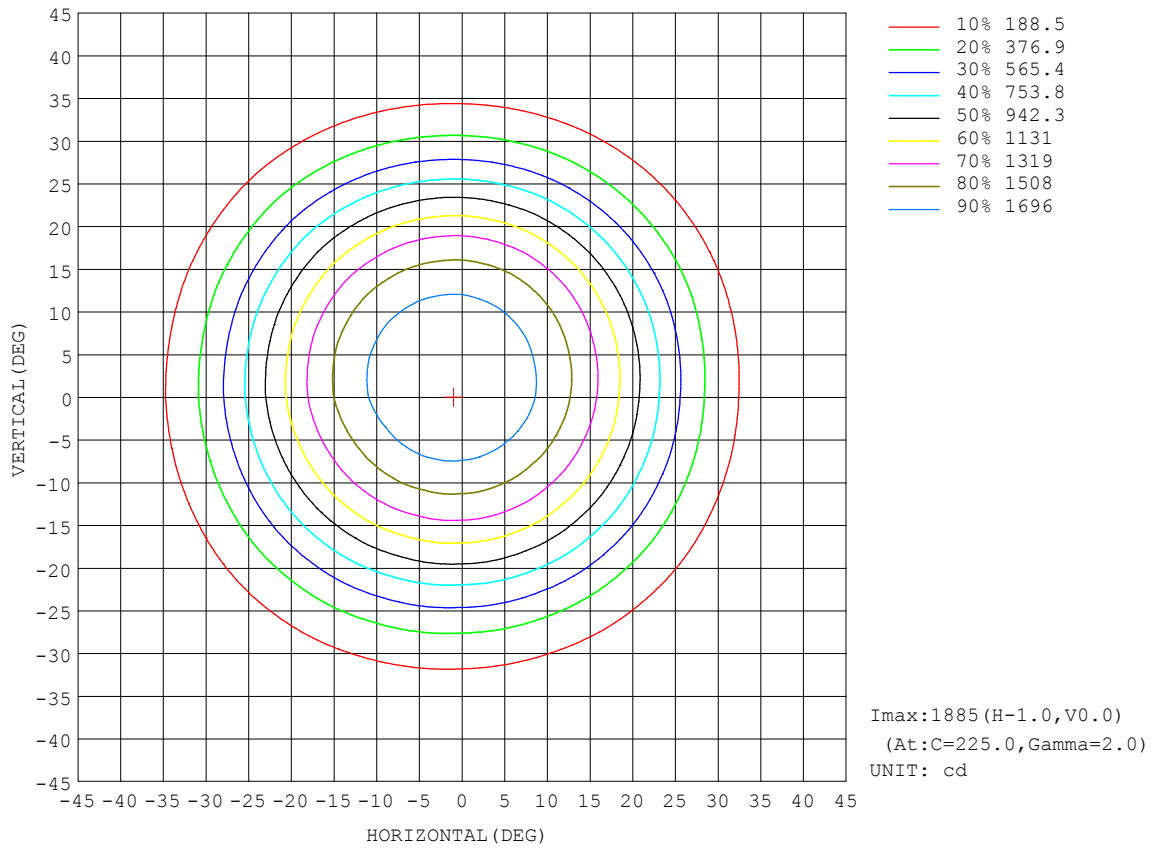
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	90	84	81	89	84	81	77
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	114	112	113	112	110	110	108	107	100
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:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz		
Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:

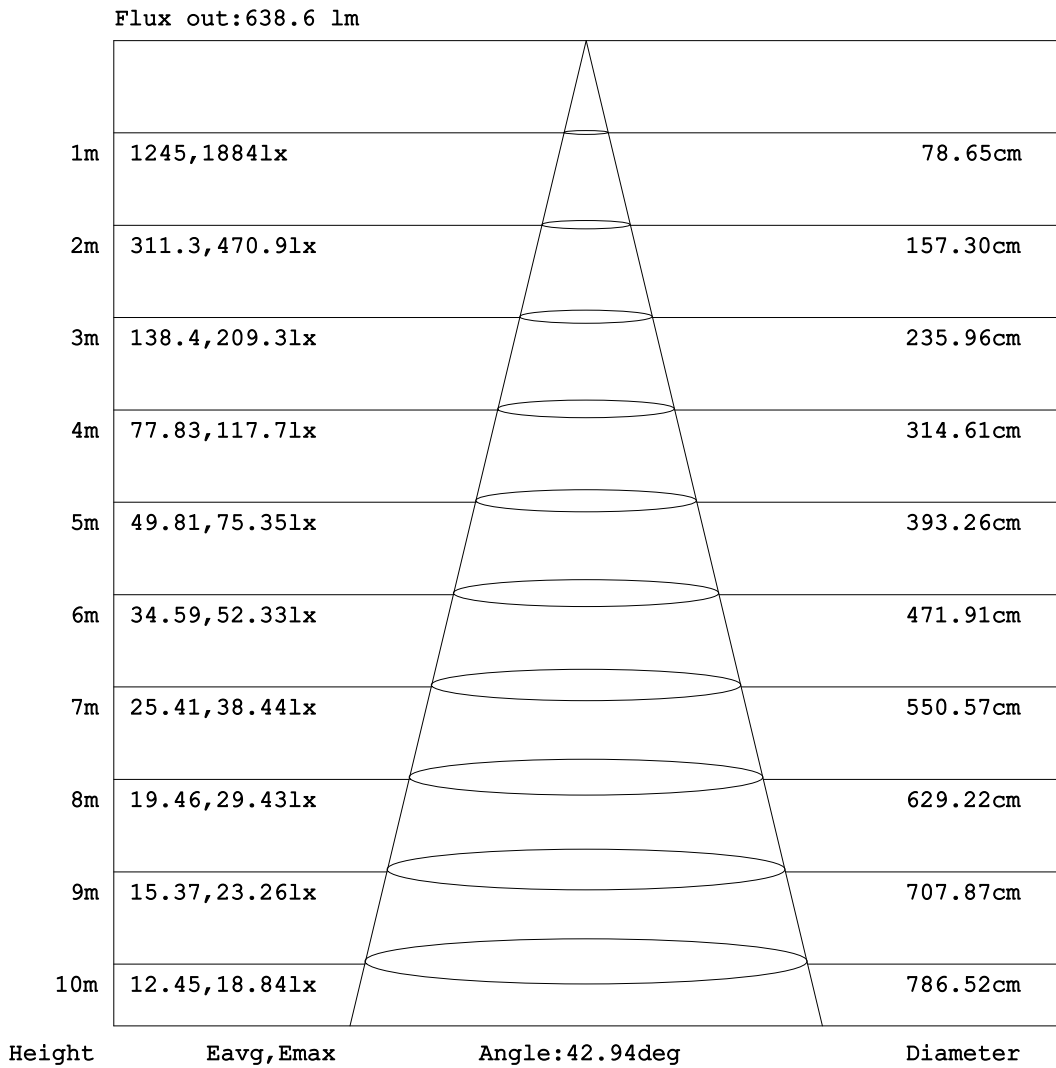


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

AAI Figure

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



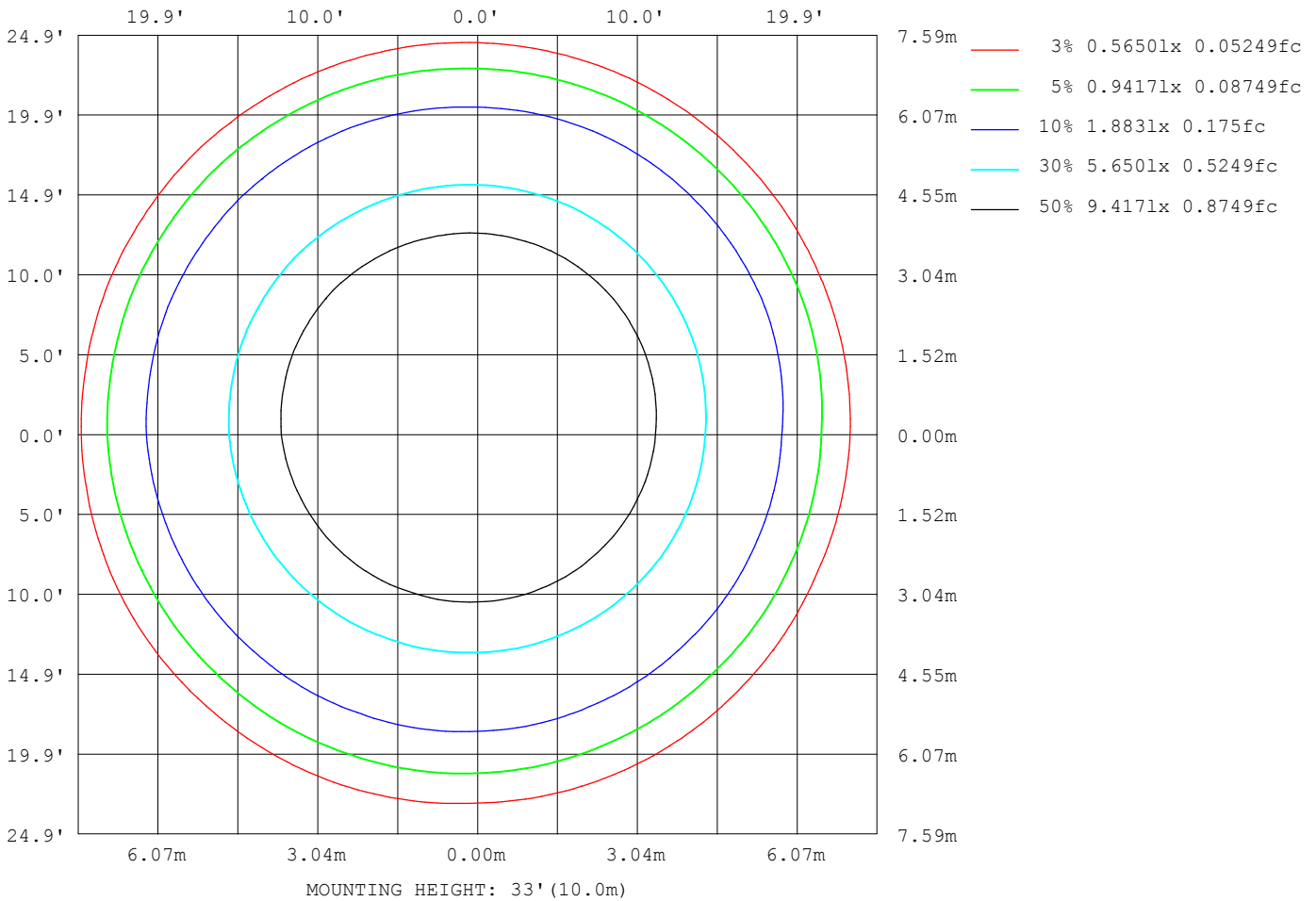
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2°C
 Operators:Brooke
 Test Date:2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:2.900m [K=0.8817]
 Remarks:

ISOLUX DIAGRAM

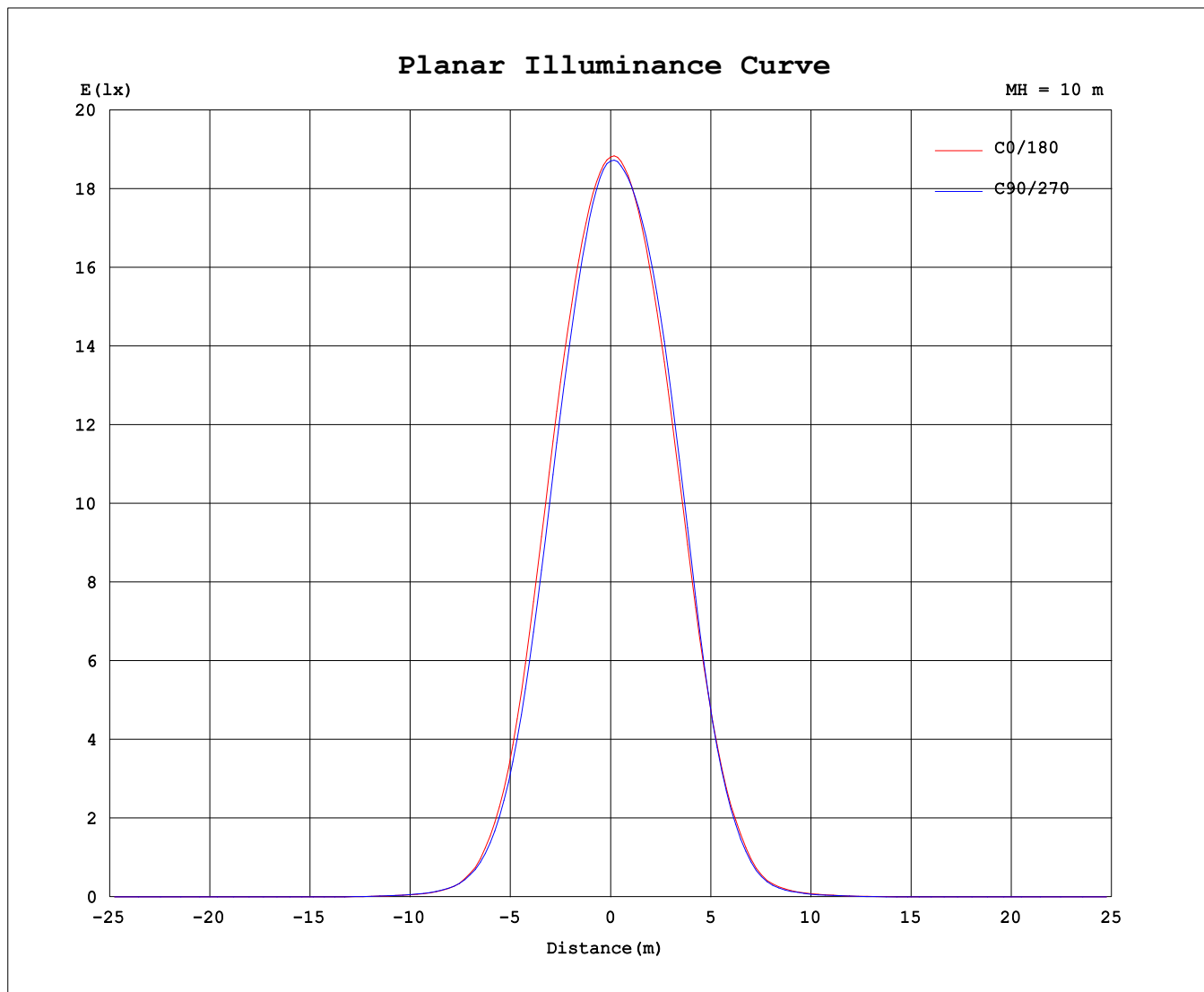
Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.72lx1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2°C
 Operators: Brooke
 Test Date: 2022-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 2.900m [K=0.8817]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2°C
Operators: Brooke
Test Date: 2022-05-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity: 55.0%
Test Distance: 2.900m [K=0.8817]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:18.05V I:0.7000A P:12.64W PF:1.0000 Freq:0Hz Lamp Flux:986.721x1 lm		
NAME: ALDL0953 3000K 38	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Alpha	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	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873	1873			
5	1801	1788	1780	1779	1785	1800	1816	1831	1847	1853	1856	1854	1849	1840	1830	1816			
10	1631	1599	1576	1569	1578	1602	1642	1685	1724	1750	1766	1767	1760	1739	1711	1675			
15	1364	1315	1283	1272	1281	1312	1372	1437	1503	1551	1578	1580	1569	1539	1490	1431			
20	999	947	911	897	904	943	1013	1094	1175	1228	1258	1254	1237	1199	1141	1075			
25	605	564	538	528	540	577	639	712	782	824	841	825	801	767	719	670			
30	291	264	249	246	259	284	325	376	424	450	455	437	415	393	364	340			
35	110	98.7	96.8	98.6	103	117	129	151	176	187	187	177	163	150	134	121			
40	37.6	35.8	35.7	37.1	39.6	43.3	48.0	52.3	57.3	59.0	58.5	55.5	51.5	47.5	43.8	41.0			
45	15.9	15.5	15.7	16.4	17.5	18.9	20.5	21.8	24.2	24.5	23.8	21.6	20.4	19.0	17.9	17.0			
50	6.15	5.84	5.95	6.35	7.01	7.78	8.61	9.31	10.2	10.2	9.80	9.21	8.62	7.92	7.19	6.71			
55	1.67	1.61	1.57	1.66	1.87	2.11	2.37	2.63	2.90	2.97	2.87	2.72	2.47	2.23	1.94	1.80			
60	0.56	0.55	0.56	0.59	0.62	0.65	0.69	0.73	0.78	0.79	0.74	0.68	0.63	0.60	0.59	0.54			
65	0.26	0.27	0.28	0.29	0.31	0.33	0.34	0.34	0.33	0.32	0.30	0.29	0.27	0.26	0.25	0.25			
70	0.13	0.14	0.14	0.15	0.15	0.17	0.17	0.17	0.16	0.16	0.15	0.14	0.13	0.12	0.12	0.13			
75	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.06			
80	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.02			
85	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
125	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.05			
130	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.11	0.11	0.10	0.09	0.10	0.10	0.12	0.13			
135	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.16	0.26	0.24	0.23	0.21	0.21	0.22	0.25	0.29			
140	0.28	0.28	0.27	0.24	0.25	0.26	0.27	0.27	0.47	0.45	0.41	0.36	0.36	0.38	0.45	0.50			
145	0.38	0.38	0.37	0.31	0.32	0.35	0.38	0.38	0.70	0.67	0.63	0.55	0.52	0.56	0.66	0.73			
150	0.45	0.45	0.42	0.36	0.37	0.43	0.46	0.46	0.90	0.89	0.84	0.77	0.69	0.73	0.84	0.94			
155	0.55	0.56	0.51	0.47	0.46	0.54	0.56	0.58	1.09	1.08	1.05	0.98	0.87	0.86	1.00	1.11			
160	0.62	0.62	0.59	0.53	0.56	0.61	0.65	0.66	1.20	1.19	1.18	1.10	1.03	1.02	1.11	1.19			
165	0.64	0.64	0.61	0.57	0.61	0.67	0.70	0.70	1.19	1.20	1.18	1.13	1.08	1.06	1.10	1.18			
170	0.65	0.63	0.61	0.60	0.64	0.70	0.71	0.70	1.13	1.13	1.13	1.09	1.07	1.06	1.09	1.12			
175	0.69	0.70	0.68	0.71	0.73	0.78	0.77	0.75	0.98	0.99	1.01	0.99	1.00	1.01	1.03	1.02			
180	0.85	0.82	0.82	0.86	0.89	0.90	0.89	0.87	0.85	0.85	0.81	0.82	0.85	0.88	0.89	0.89			

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