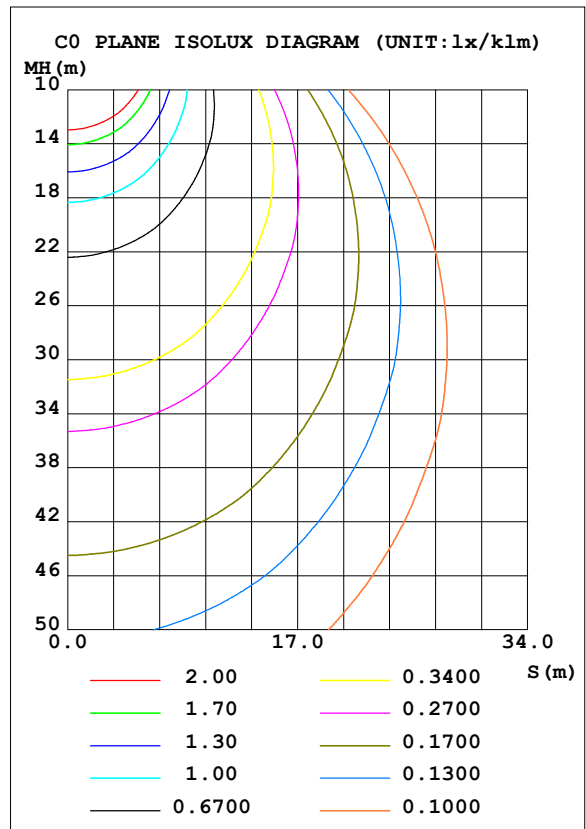
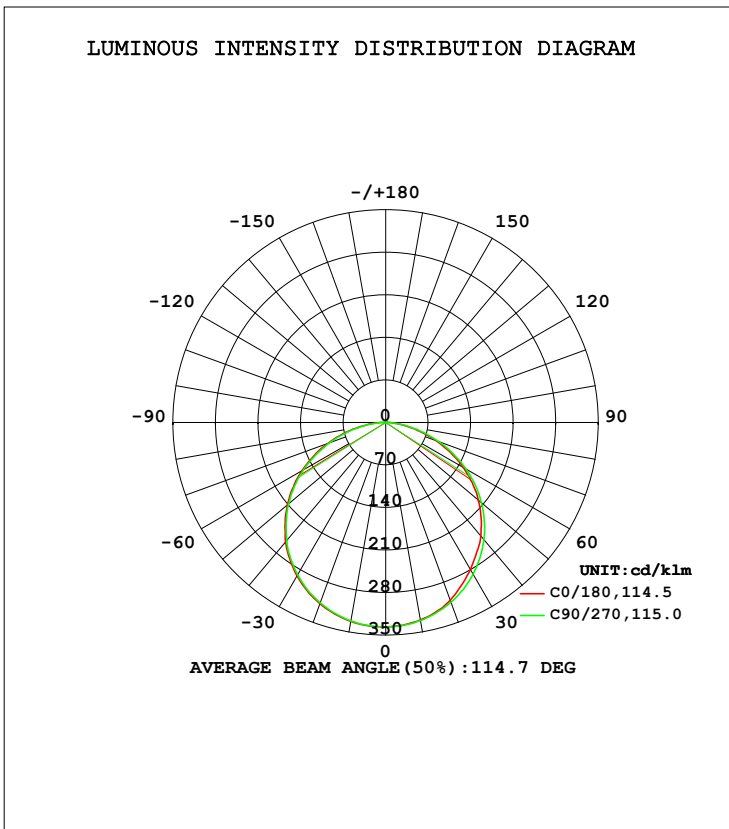


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 73.53 lm/W
MODEL	SMD /LED	I _{max} (cd/klm)	336.6	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	11.2656	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	0.6,48.9	
NOMINAL FLUX(lm)	828.343	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,50.0	
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	98.8	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

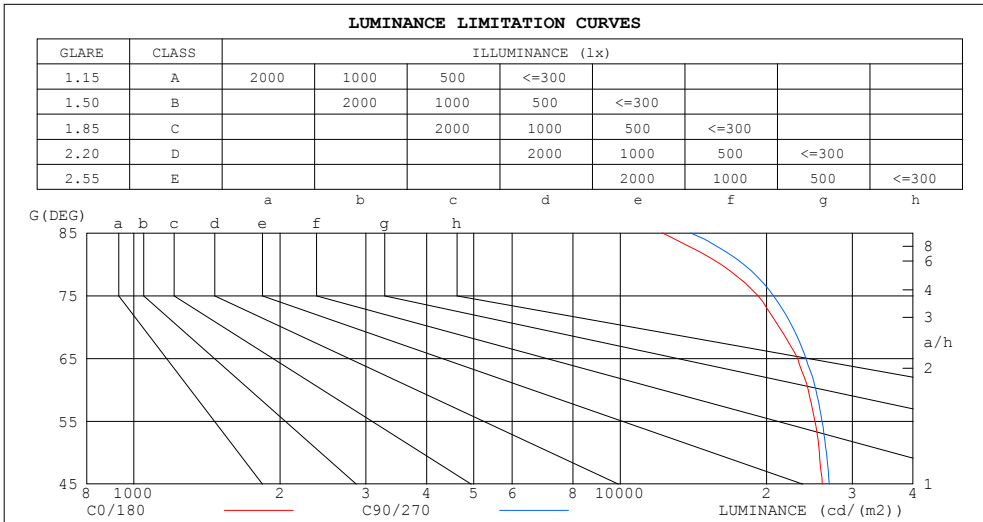
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	329.9	330.4	330.9	331.5	332.2	332.2	331.5	330.8	0- 10	31.87	31.87	3.19,3.19
20	311.0	313.4	314.6	315.8	317.1	316.9	315.8	314.3	10- 20	91.59	123.5	12.3,12.3
30	279.0	286.2	288.1	289.6	291.7	291.5	289.8	287.9	20- 30	139.6	263.1	26.3,26.3
40	243.7	249.3	251.7	253.8	256.8	256.9	253.7	250.7	30- 40	169.8	432.9	43.3,43.3
50	199.2	203.5	206.0	208.8	211.2	211.0	208.6	205.8	40- 50	177.7	610.7	61.1,61.1
60	146.9	149.9	152.4	155.9	159.5	159.1	156.3	153.2	50- 60	162.2	772.9	77.3,77.3
70	87.52	90.85	93.39	97.20	101.8	101.4	98.28	95.20	60- 70	124.0	896.9	89.7,89.7
80	33.74	36.22	37.63	41.37	44.67	45.25	41.63	40.00	70- 80	71.05	968.0	96.8,96.8
90	2.875	3.158	0.5263	4.723	5.165	5.902	1.078	4.388	80- 90	20.53	988.5	98.8,98.8
100	0.9412	0.8613	0.8860	0.8225	0.9867	0.7095	0.7308	0.6881	90-100	1.659	990.2	99,99
110	1.269	1.228	1.338	1.273	1.177	1.086	1.144	1.072	100-110	1.035	991.2	99.1,99.1
120	1.691	1.617	1.768	1.729	1.548	1.525	1.554	1.468	110-120	1.381	992.6	99.3,99.3
130	2.100	2.085	2.157	2.130	1.894	1.972	1.972	1.878	120-130	1.624	994.2	99.4,99.4
140	2.479	2.419	2.477	2.476	2.249	2.382	2.352	2.283	130-140	1.702	995.9	99.6,99.6
150	2.893	2.770	2.777	2.792	2.662	2.741	2.715	2.654	140-150	1.608	997.5	99.8,99.8
160	3.109	3.031	2.984	3.033	2.974	3.002	2.934	2.915	150-160	1.328	998.8	99.9,99.9
170	3.193	3.171	3.115	3.155	3.198	3.180	3.107	3.130	160-170	0.8695	999.7	100,100
180	3.176	3.180	3.115	3.134	3.181	3.175	3.115	3.138	170-180	0.3012	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12212	13952
80	16100	17945
75	19187	20652
70	21202	22608
65	23161	24085
60	24348	25241
55	25157	25997
50	25683	26542
45	26043	26907

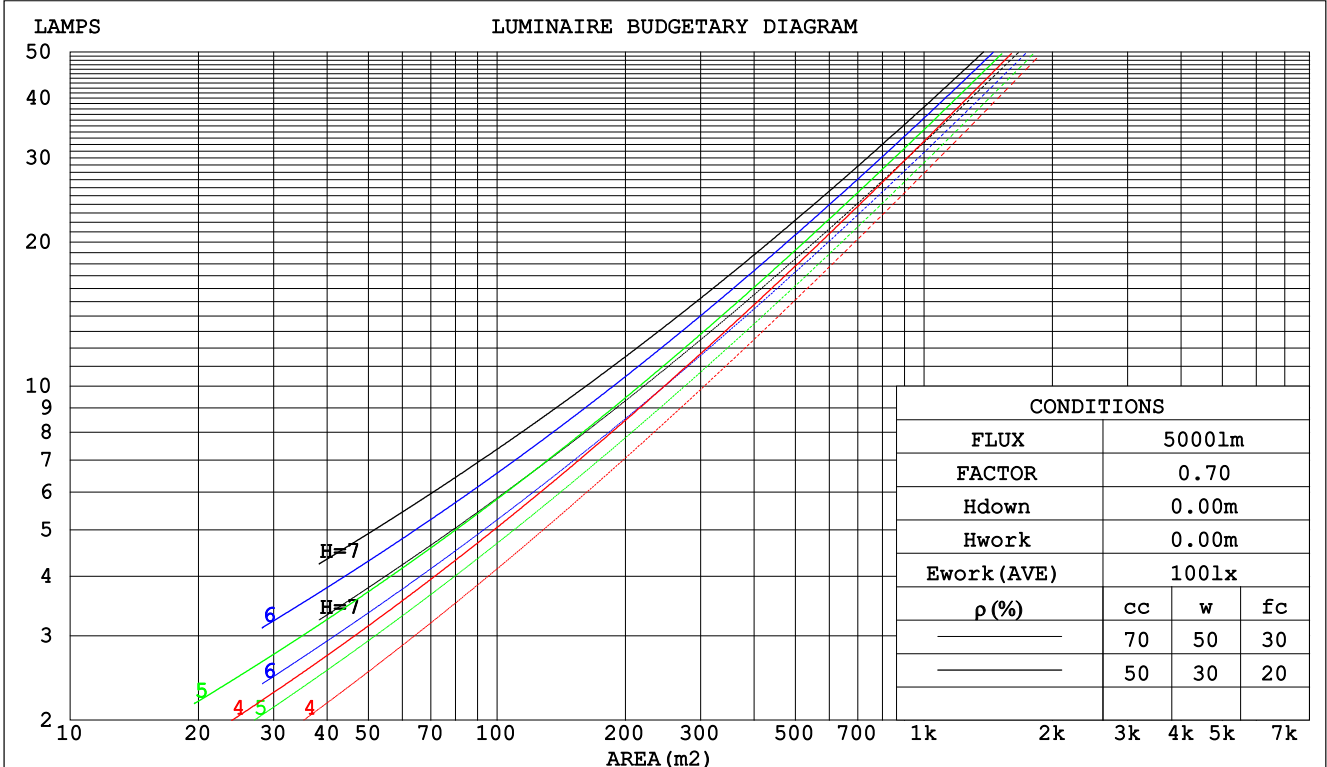
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120

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	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.92	.90	.87	.89	.87	.85	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

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	.313	.178	.056	.306	.174	.055	.292	.167	.053	.279	.161	.052	.267	.155	.050	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.236	.130	.040	
4.0	.251	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.218	.119	.036	
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033	
6.0	.215	.108	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.099	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.176	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.165	.085	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.147	.074	.021	

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	.189	.165	.143	.162	.142	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.141	.107	.155	.121	.092	.107	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.174	.123	.083	.149	.106	.072	.102	.074	.050	.059	.043	.030	.019	.014	.010	
4.0	.166	.110	.067	.143	.095	.058	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.056	.136	.086	.049	.094	.060	.034	.054	.035	.020	.018	.012	.007	
6.0	.152	.091	.048	.130	.079	.042	.090	.055	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.084	.042	.125	.073	.037	.086	.051	.026	.050	.030	.015	.016	.010	.005	
8.0	.138	.079	.038	.119	.068	.033	.082	.048	.023	.048	.028	.014	.016	.009	.005	
9.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
10.0	.126	.069	.031	.109	.060	.027	.076	.042	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm										
NAME: UB-AT1-35K97C					TYPE:LED Strip			WEIGHT:0.01Kg		
SPEC.:11.5W					DIM.: 1000*10*2(MM)			SERIAL No.:001		
MFR.: Flexfire LEDs, Inc.					SUR.:1000*10(MM)			Shielding Angle:120		
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	24.6	26.1	24.9	26.4	26.6	24.7	26.3	25.0	26.5	26.7
3H	26.1	27.5	26.4	27.7	28.0	26.2	27.6	26.5	27.9	28.2
4H	26.6	27.9	26.9	28.2	28.5	26.8	28.1	27.1	28.4	28.7
6H	26.9	28.2	27.3	28.5	28.8	27.2	28.5	27.6	28.8	29.1
8H	27.0	28.2	27.4	28.5	28.9	27.3	28.5	27.7	28.8	29.1
12H	27.1	28.2	27.4	28.5	28.9	27.4	28.5	27.7	28.8	29.2
4H 2H	25.2	26.6	25.6	26.8	27.1	25.3	26.7	25.7	26.9	27.2
3H	26.8	28.0	27.2	28.3	28.7	27.0	28.2	27.4	28.5	28.8
4H	27.5	28.6	27.9	28.9	29.3	27.7	28.7	28.1	29.1	29.5
6H	28.0	28.9	28.4	29.3	29.7	28.2	29.1	28.6	29.5	29.9
8H	28.1	29.0	28.5	29.4	29.8	28.4	29.2	28.8	29.6	30.0
12H	28.2	29.0	28.6	29.4	29.8	28.5	29.3	28.9	29.7	30.1
8H 4H	27.8	28.6	28.2	29.0	29.4	27.9	28.8	28.3	29.2	29.6
6H	28.3	29.1	28.8	29.5	30.0	28.6	29.3	29.0	29.7	30.2
8H	28.6	29.2	29.0	29.6	30.1	28.8	29.5	29.3	29.9	30.4
12H	28.7	29.2	29.2	29.7	30.2	29.0	29.5	29.5	30.0	30.5
12H 4H	27.8	28.6	28.2	29.0	29.4	27.9	28.7	28.4	29.1	29.6
6H	28.4	29.0	28.9	29.5	30.0	28.6	29.3	29.1	29.7	30.2
8H	28.6	29.2	29.1	29.7	30.2	28.9	29.4	29.4	29.9	30.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 828.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

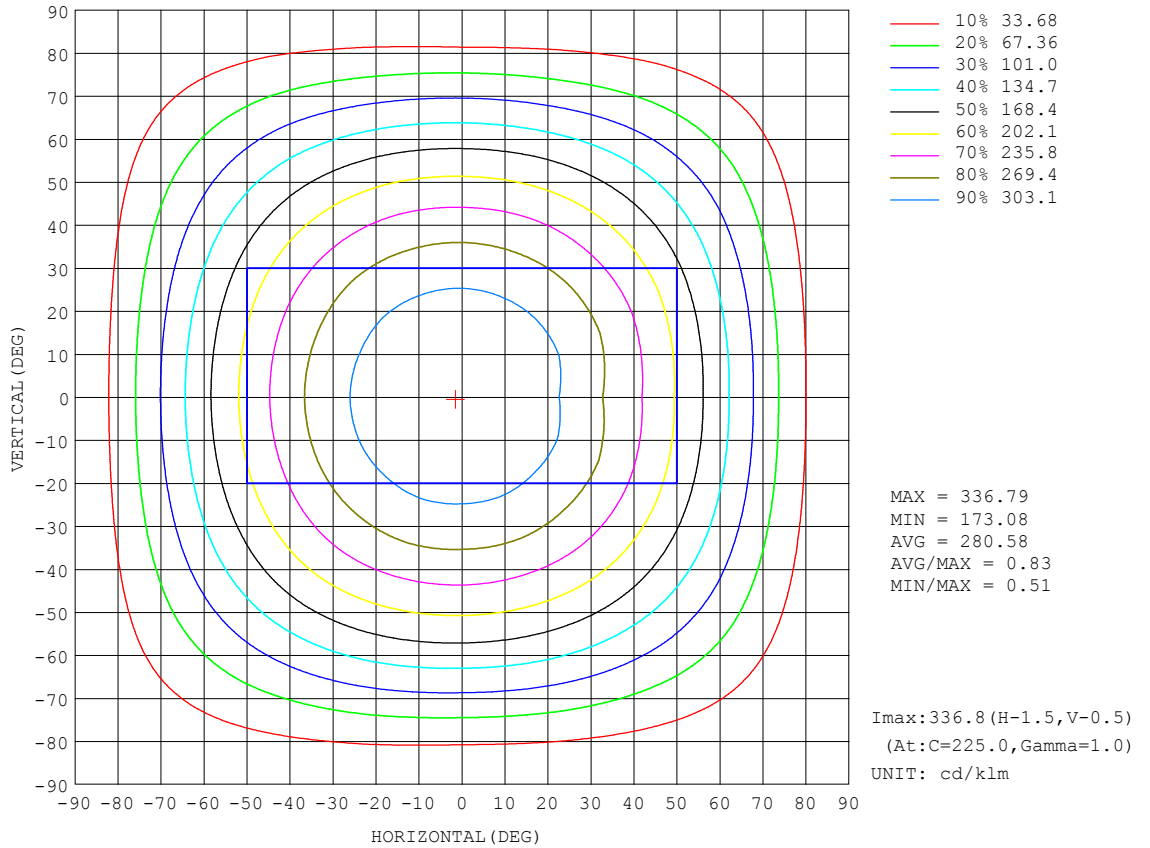
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	69	61
2.00	94	86	79	92	84	78	89	82	77	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
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:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120

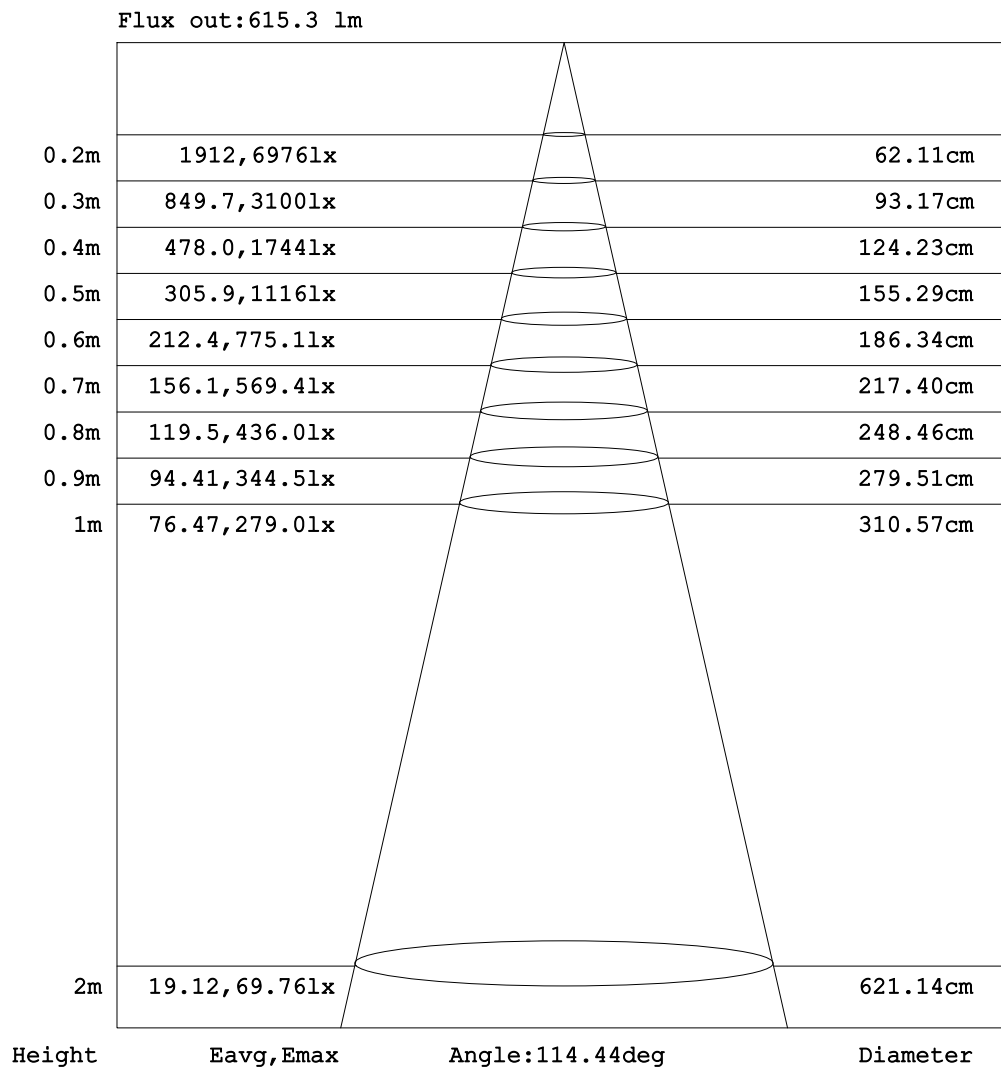


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120



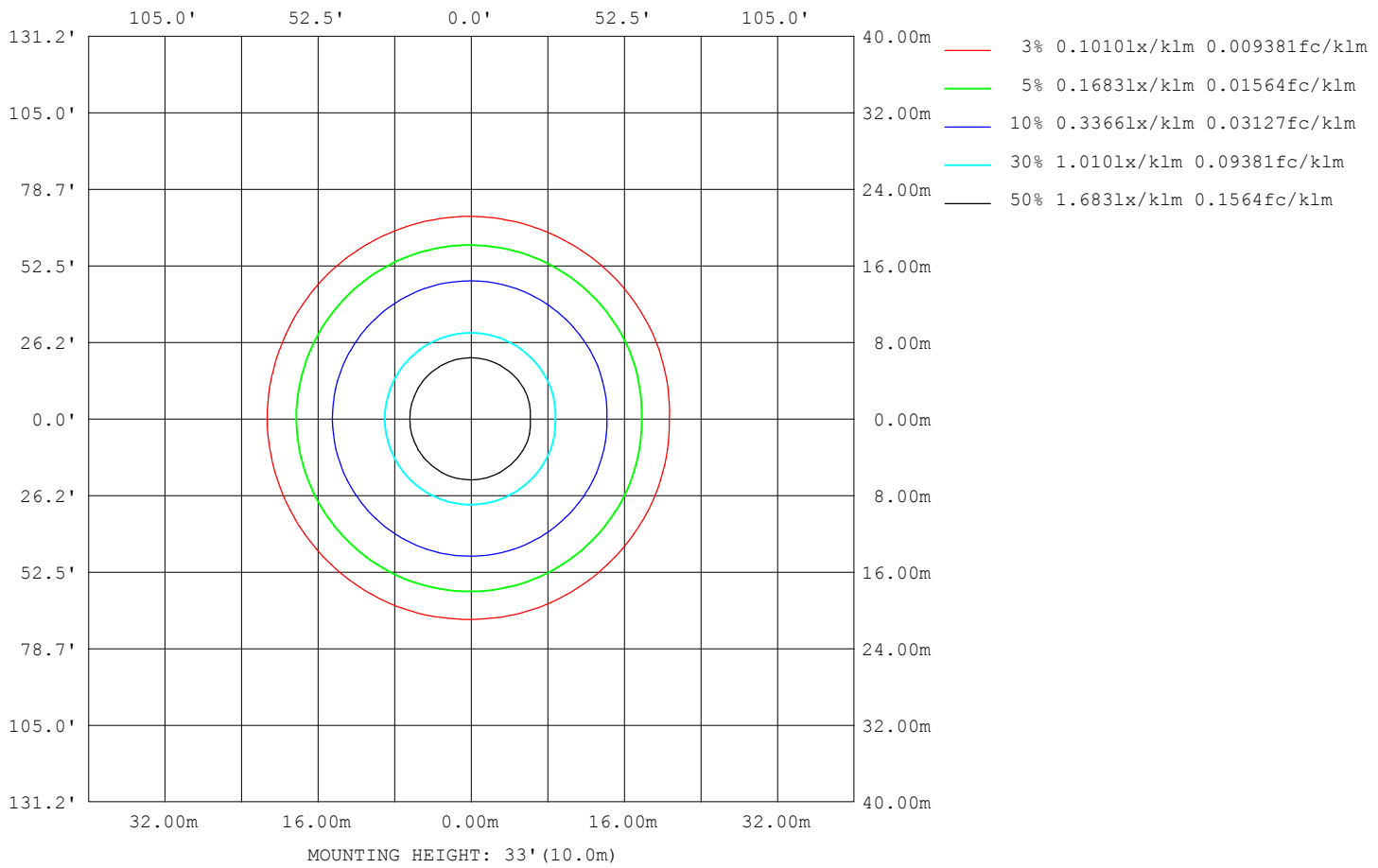
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

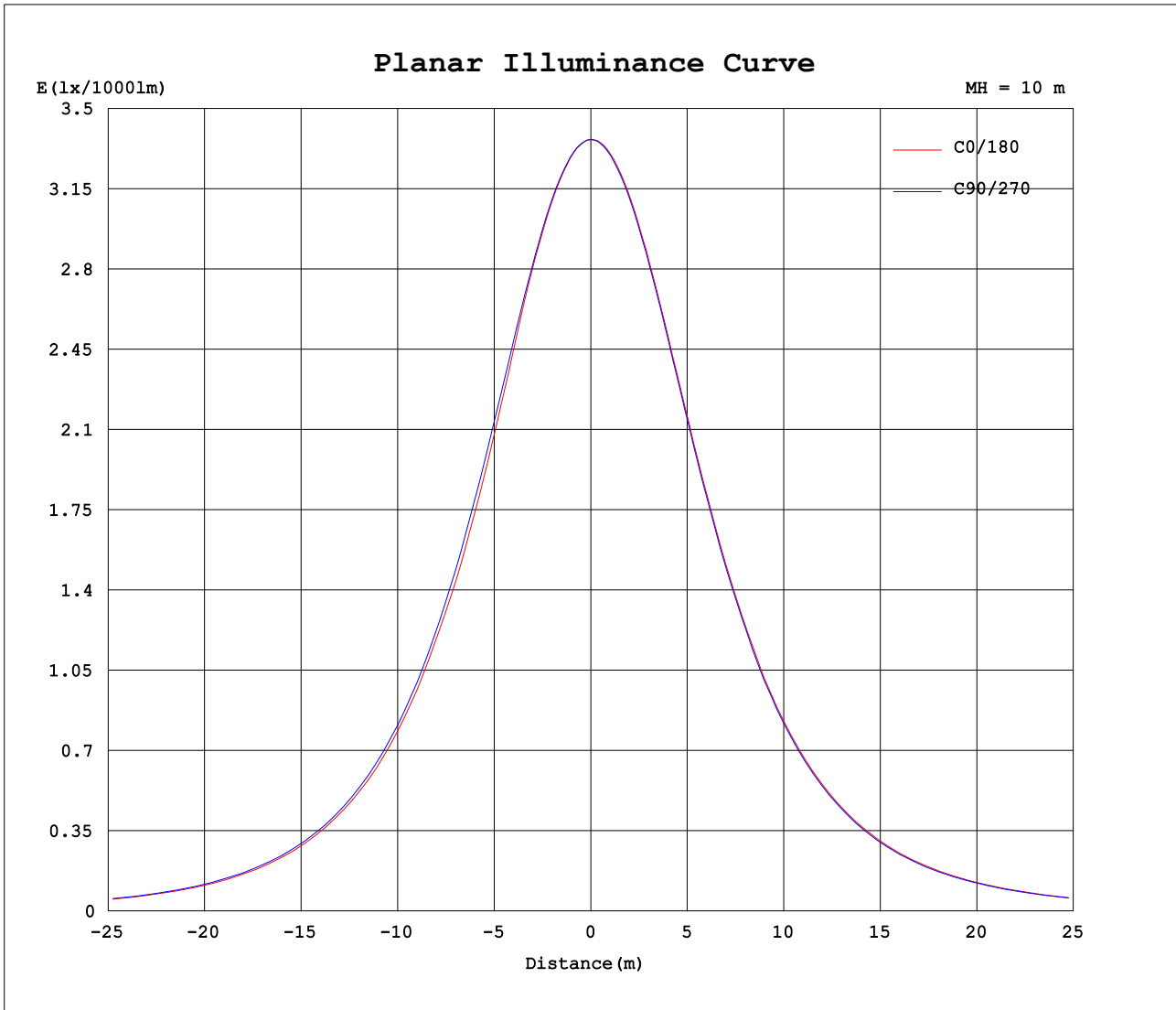
AvgL	cd/m2
L_0~180 (65) av	24427
L_0~180 (75) av	21220
L_0~180 (85) av	15873
L_90~270 (65) av	24559
L_90~270 (75) av	21454
L_90~270 (85) av	14113
L_45 (65) av	24615
L_45 (75) av	21526
L_45 (85) av	17220

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4694A P:11.27W PF:1.000 Freq:0Hz Lamp Flux:828.343x1 lm		
NAME: UB-AT1-35K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:11.5W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

Table--1

UNIT: cd/klm

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	337	337	337	337	337	337	337	337	337	337	337	337	337	337	337	337			
5	335	335	335	335	335	335	335	336	336	336	336	335	335	335	335	335			
10	330	330	330	331	331	331	331	332	332	332	332	332	332	331	331	330			
15	323	323	323	324	324	325	325	326	326	326	326	325	325	324	324	323			
20	311	313	313	314	315	316	316	317	317	317	317	316	316	315	314	314			
25	296	301	301	302	303	304	304	305	306	305	305	304	304	303	302	301			
30	279	286	286	288	288	290	290	291	292	291	291	290	290	288	288	287			
35	261	269	269	270	271	273	273	274	275	275	275	274	273	272	271	269			
40	244	248	249	250	252	253	254	254	257	256	257	255	254	252	251	250			
45	222	226	227	228	230	231	232	233	234	235	234	234	232	231	229	228			
50	199	202	203	204	206	208	209	209	211	212	211	210	209	208	206	205			
55	174	177	177	179	180	182	183	184	186	187	186	185	183	182	180	179			
60	147	149	150	151	152	154	156	157	159	160	159	158	156	155	153	152			
65	118	120	120	122	123	126	127	129	131	131	131	129	128	126	125	123			
70	87.5	91.0	90.8	92.8	93.4	96.2	97.2	99.3	102	101	101	99.4	98.3	96.2	95.2	93.3			
75	59.9	62.0	62.2	63.9	64.6	67.2	68.1	69.9	72.7	72.0	72.3	70.4	69.5	67.5	66.4	64.3			
80	33.7	34.9	36.2	37.6	37.6	40.5	41.4	42.4	44.7	44.4	45.2	43.5	41.6	40.8	40.0	37.4			
85	12.8	13.7	14.4	15.3	14.7	17.8	18.7	19.5	20.6	21.0	21.8	20.2	15.0	18.2	17.6	15.4			
90	2.88	3.21	3.16	2.79	0.53	3.95	4.72	4.82	5.16	5.35	5.90	5.15	1.08	4.36	4.39	3.65			
95	1.50	1.42	1.08	0.74	0.68	0.73	1.24	1.62	1.72	1.68	1.57	0.91	0.56	0.78	1.30	1.56			
100	0.94	0.88	0.86	0.89	0.89	0.89	0.82	0.87	0.99	0.82	0.71	0.69	0.73	0.70	0.69	0.76			
105	1.06	1.02	1.02	1.10	1.11	1.12	1.04	1.00	1.00	0.79	0.87	0.89	0.93	0.89	0.87	0.81			
110	1.27	1.23	1.23	1.32	1.34	1.35	1.27	1.23	1.18	1.00	1.09	1.11	1.14	1.09	1.07	0.99			
115	1.48	1.46	1.44	1.53	1.56	1.57	1.50	1.48	1.37	1.21	1.31	1.33	1.36	1.30	1.27	1.16			
120	1.69	1.67	1.62	1.74	1.77	1.79	1.73	1.68	1.55	1.43	1.52	1.54	1.55	1.48	1.47	1.40			
125	1.90	1.87	1.88	1.95	1.97	2.00	1.95	1.91	1.73	1.67	1.74	1.75	1.76	1.69	1.68	1.63			
130	2.10	2.07	2.09	2.14	2.16	2.19	2.13	2.11	1.89	1.87	1.97	1.96	1.97	1.89	1.88	1.87			
135	2.30	2.25	2.25	2.31	2.33	2.36	2.31	2.30	2.05	2.09	2.18	2.16	2.16	2.08	2.08	2.08			
140	2.48	2.42	2.42	2.46	2.48	2.50	2.48	2.47	2.25	2.30	2.38	2.36	2.35	2.29	2.28	2.28			
145	2.70	2.62	2.61	2.64	2.64	2.67	2.64	2.65	2.45	2.49	2.56	2.54	2.53	2.45	2.46	2.46			
150	2.89	2.78	2.77	2.79	2.78	2.81	2.79	2.82	2.66	2.66	2.74	2.71	2.71	2.63	2.65	2.66			
155	3.04	2.93	2.91	2.92	2.91	2.93	2.91	2.96	2.82	2.81	2.89	2.84	2.83	2.77	2.79	2.82			
160	3.11	3.05	3.03	3.02	2.98	3.03	3.03	3.05	2.97	2.93	3.00	2.95	2.93	2.88	2.92	2.95			
165	3.14	3.15	3.11	3.10	3.07	3.10	3.09	3.15	3.10	3.04	3.11	3.03	3.02	2.99	3.04	3.07			
170	3.19	3.16	3.17	3.13	3.12	3.12	3.16	3.19	3.20	3.13	3.18	3.11	3.11	3.09	3.13	3.16			
175	3.19	3.13	3.18	3.13	3.12	3.11	3.16	3.18	3.23	3.17	3.20	3.16	3.12	3.14	3.14	3.20			
180	3.18	3.15	3.18	3.13	3.12	3.12	3.13	3.17	3.18	3.14	3.18	3.14	3.12	3.12	3.14	3.18			

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