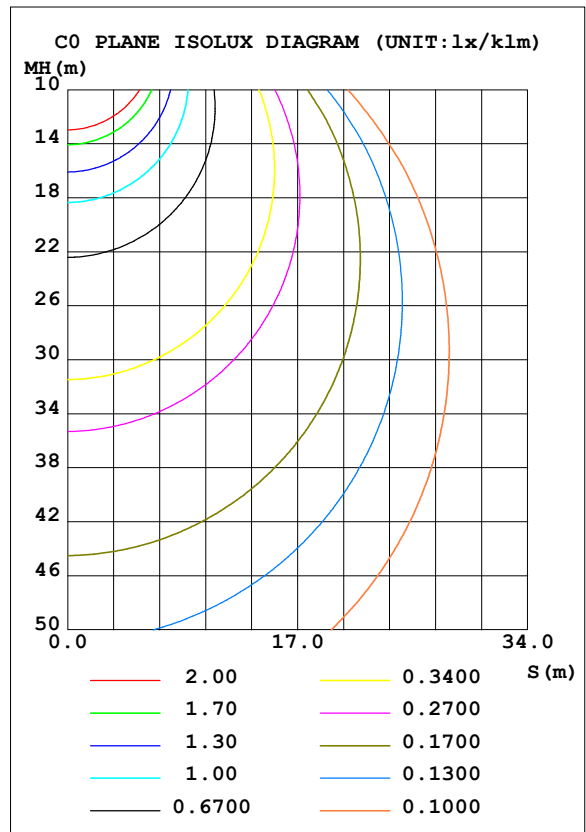
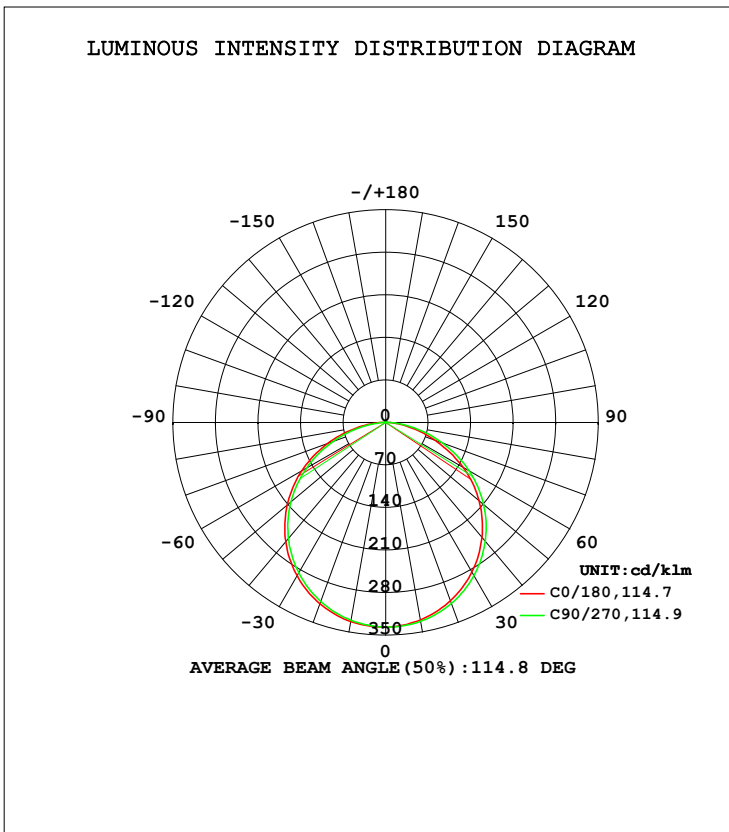


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SMD /LED	Imax(cd/klm)	336.9	S/MH(C0/180)	1.29
NOMINAL POWER(W)	4.79	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.00	η UP, DN(C0-180)	0.6,49.8
NOMINAL FLUX(lm)	318.794	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.5,49.0
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:

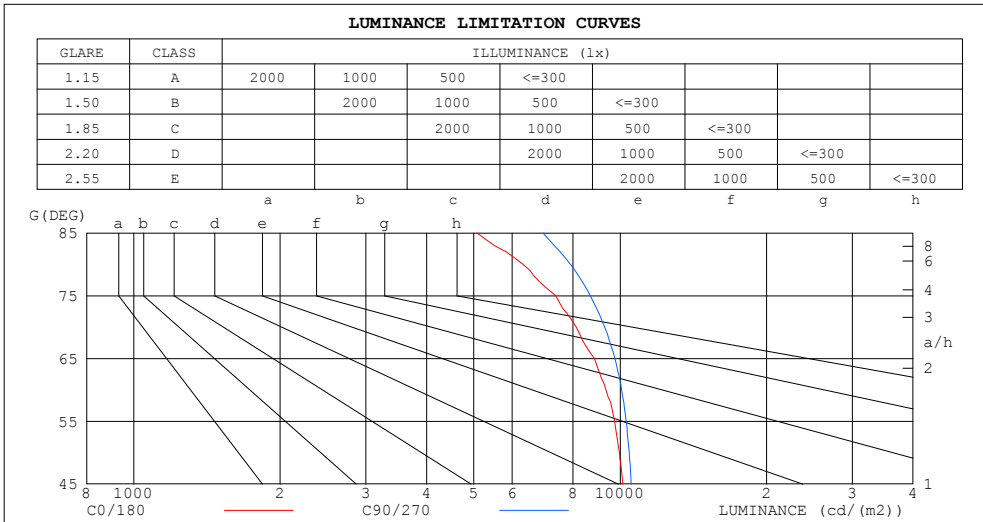
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	329.8	330.8	332.1	332.7	332.5	331.4	330.3	329.9	0- 10	31.88	31.88	3.19,3.19
20	312.1	314.3	316.7	317.7	317.3	315.4	313.4	312.3	10- 20	91.58	123.5	12.3,12.3
30	284.0	287.4	290.9	292.3	291.6	289.0	286.0	284.6	20- 30	139.6	263.1	26.3,26.3
40	246.6	250.8	255.2	256.9	256.2	252.8	249.3	247.6	30- 40	169.7	432.7	43.3,43.3
50	200.8	205.5	210.5	212.5	211.7	207.9	203.8	201.8	40- 50	177.7	610.4	61,61
60	146.5	152.8	157.9	160.4	159.8	155.4	150.7	149.0	50- 60	162.1	772.5	77.2,77.2
70	87.15	94.84	99.74	102.5	102.2	97.50	92.52	91.08	60- 70	124.2	896.6	89.7,89.7
80	34.38	39.61	43.06	45.46	45.03	41.57	35.23	36.32	70- 80	71.23	967.8	96.8,96.8
90	3.256	3.888	1.950	5.713	5.982	5.250	0.4060	3.475	80- 90	20.90	988.7	98.9,98.9
100	0.8552	0.8336	0.8215	0.8660	0.7780	0.7896	0.7353	0.6772	90-100	1.758	990.5	99.1,99.1
110	1.150	1.162	1.239	1.238	0.9431	1.075	1.141	1.075	100-110	0.9872	991.5	99.1,99.1
120	1.556	1.557	1.666	1.600	1.327	1.525	1.569	1.491	110-120	1.319	992.8	99.3,99.3
130	1.929	1.963	2.083	2.006	1.744	1.897	1.963	1.853	120-130	1.558	994.4	99.4,99.4
140	2.313	2.357	2.434	2.400	2.171	2.336	2.326	2.248	130-140	1.643	996.0	99.6,99.6
150	2.675	2.676	2.709	2.707	2.565	2.676	2.643	2.609	140-150	1.566	997.6	99.8,99.8
160	2.982	2.950	2.939	2.927	2.840	2.885	2.852	2.850	150-160	1.286	998.9	99.9,99.9
170	3.124	3.092	3.027	3.036	3.102	3.082	3.027	3.048	160-170	0.8423	999.7	100,100
180	3.168	3.159	3.104	3.102	3.157	3.137	3.093	3.113	170-180	0.2945	1000.0	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:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	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	5073	6934
80	6314	7903
75	7367	8684
70	8125	9294
65	8848	9752
60	9345	10063
55	9733	10283
50	9960	10435
45	10129	10540

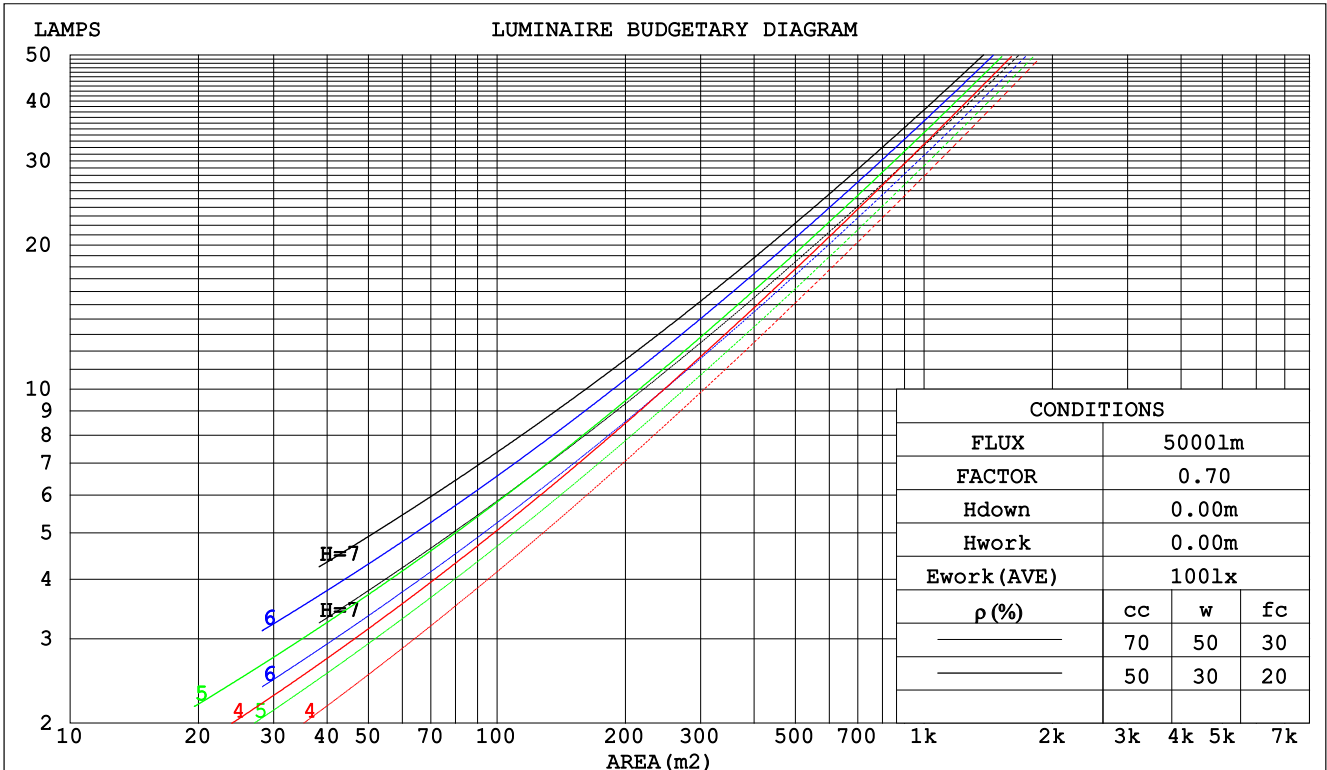
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120

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	1.10	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	.77	.74	.71	.68
3.0	.79	.70	.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:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.178	.057	.306	.175	.055	.292	.168	.054	.280	.161	.052	.268	.155	.050	
2.0	.294	.161	.049	.288	.159	.049	.275	.153	.048	.264	.148	.046	.254	.143	.045	
3.0	.272	.145	.043	.266	.143	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.218	.119	.036	
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.203	.108	.033	
6.0	.215	.108	.031	.211	.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	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.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	

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						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	.141	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.141	.106	.155	.121	.092	.106	.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	.142	.095	.058	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.099	.056	.136	.086	.049	.094	.060	.034	.054	.035	.020	.018	.012	.007	
6.0	.151	.091	.048	.130	.079	.042	.090	.055	.029	.052	.032	.018	.017	.011	.006	
7.0	.145	.084	.042	.124	.073	.037	.086	.051	.026	.050	.030	.015	.016	.010	.005	
8.0	.138	.078	.037	.119	.068	.033	.082	.048	.023	.048	.028	.014	.015	.009	.005	
9.0	.132	.074	.034	.114	.064	.030	.079	.045	.021	.046	.026	.013	.015	.009	.004	
10.0	.126	.069	.031	.109	.060	.027	.076	.042	.019	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm										
NAME: UB-OL-27K97C					TYPE:LED Strip			WEIGHT:0.01Kg		
SPEC.:4.8W					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	24.7	26.2	25.0	26.4	26.6	24.9	26.4	25.2	26.7	26.9
3H	26.1	27.5	26.4	27.8	28.0	26.5	27.9	26.8	28.2	28.4
4H	26.6	28.0	27.0	28.3	28.5	27.1	28.5	27.5	28.7	29.0
6H	27.0	28.3	27.3	28.5	28.9	27.6	28.8	27.9	29.1	29.4
8H	27.1	28.3	27.5	28.6	28.9	27.7	28.9	28.1	29.3	29.6
12H	27.1	28.3	27.5	28.6	29.0	27.8	29.0	28.2	29.3	29.6
4H 2H	25.3	26.6	25.6	26.9	27.2	25.5	26.8	25.8	27.1	27.4
3H	26.9	28.1	27.3	28.4	28.8	27.3	28.4	27.6	28.7	29.1
4H	27.6	28.7	28.0	29.0	29.4	28.0	29.1	28.4	29.4	29.8
6H	28.1	29.0	28.5	29.4	29.8	28.6	29.6	29.0	29.9	30.3
8H	28.2	29.1	28.7	29.5	29.9	28.8	29.7	29.2	30.1	30.5
12H	28.3	29.1	28.8	29.5	30.0	29.0	29.8	29.4	30.2	30.6
8H 4H	27.9	28.8	28.3	29.2	29.6	28.3	29.1	28.7	29.5	29.9
6H	28.5	29.3	29.0	29.7	30.1	29.0	29.7	29.5	30.2	30.6
8H	28.8	29.4	29.2	29.9	30.3	29.3	29.9	29.8	30.4	30.9
12H	28.9	29.5	29.4	29.9	30.4	29.5	30.1	30.0	30.5	31.0
12H 4H	27.9	28.7	28.4	29.1	29.6	28.3	29.1	28.7	29.5	29.9
6H	28.6	29.2	29.1	29.7	30.2	29.0	29.7	29.5	30.1	30.6
8H	28.9	29.4	29.4	29.9	30.4	29.4	29.9	29.9	30.4	30.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 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, 318.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.0)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

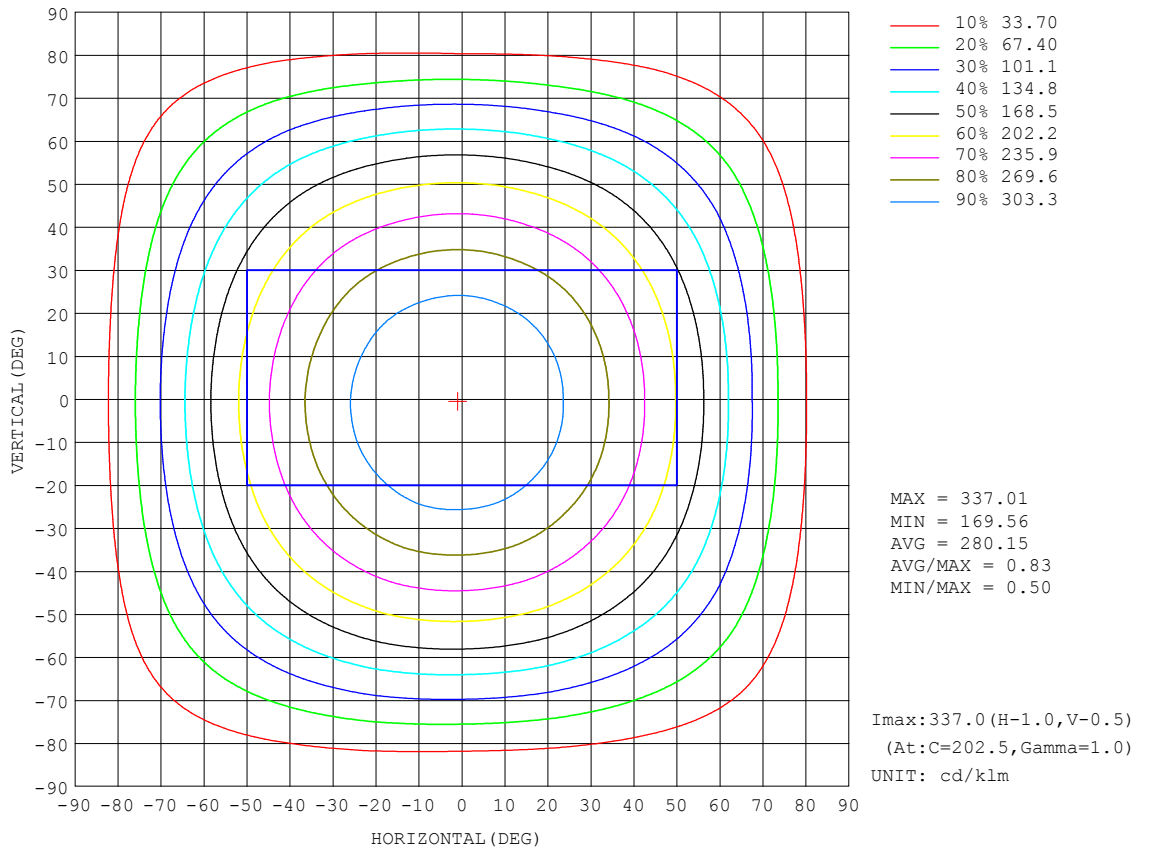
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	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	68	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:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120

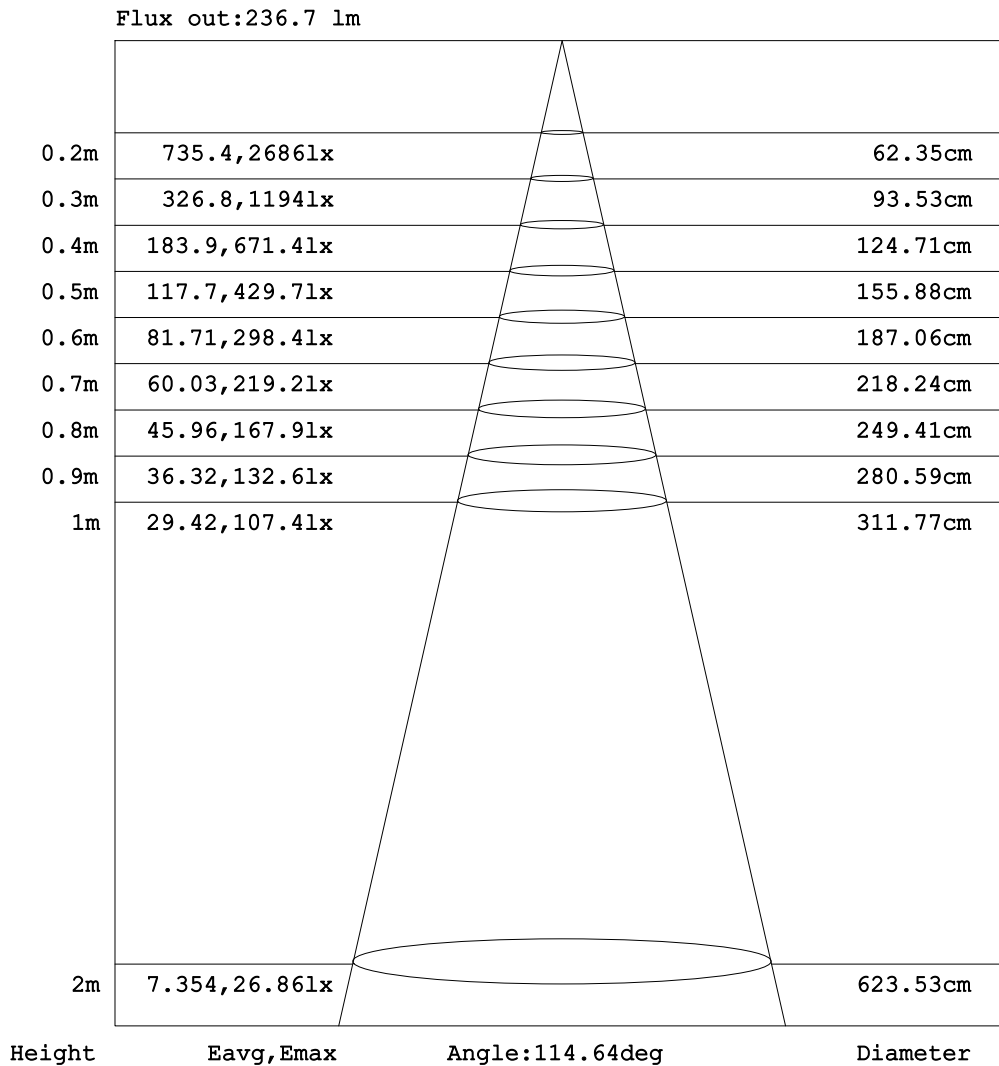


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120



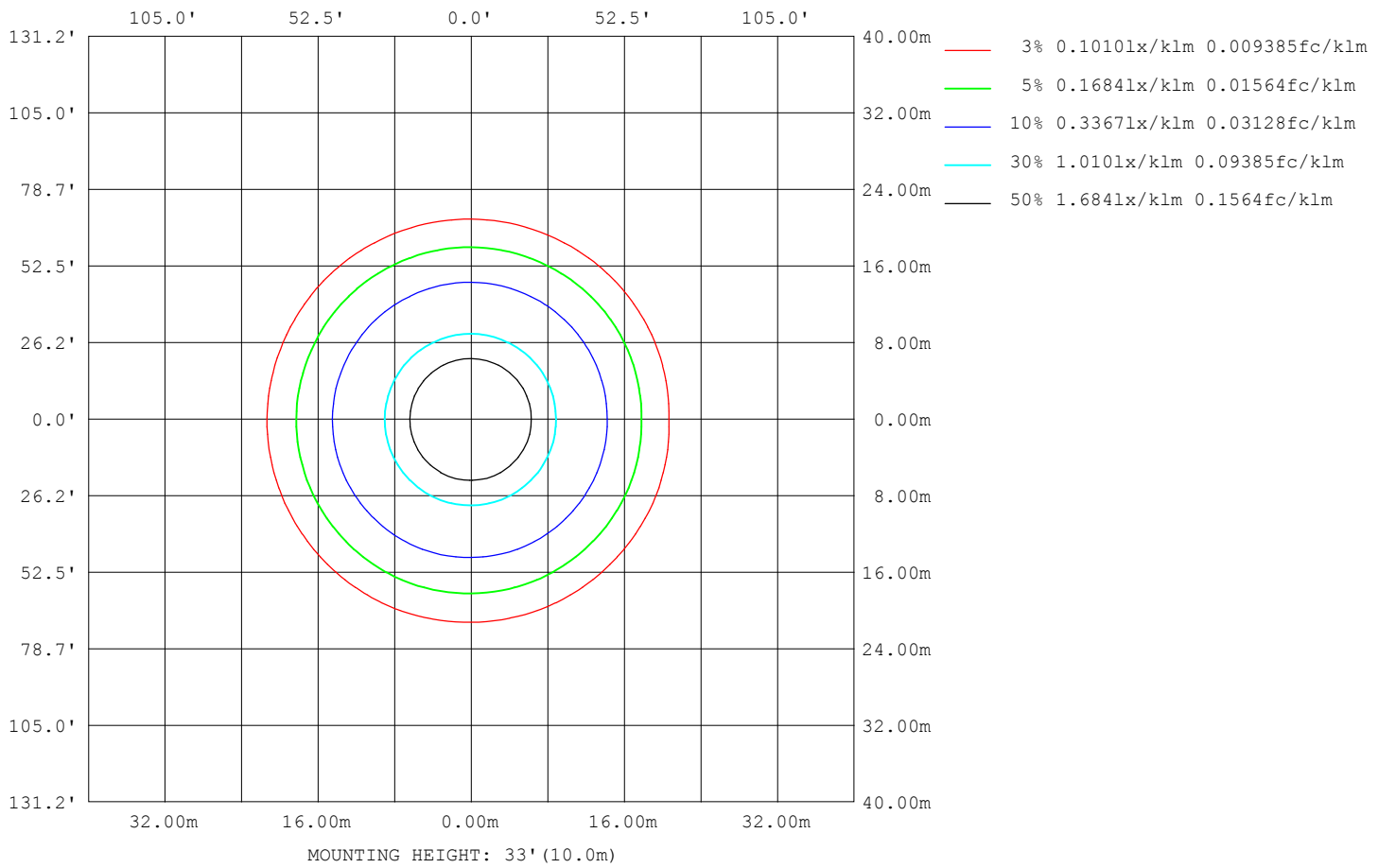
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	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:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

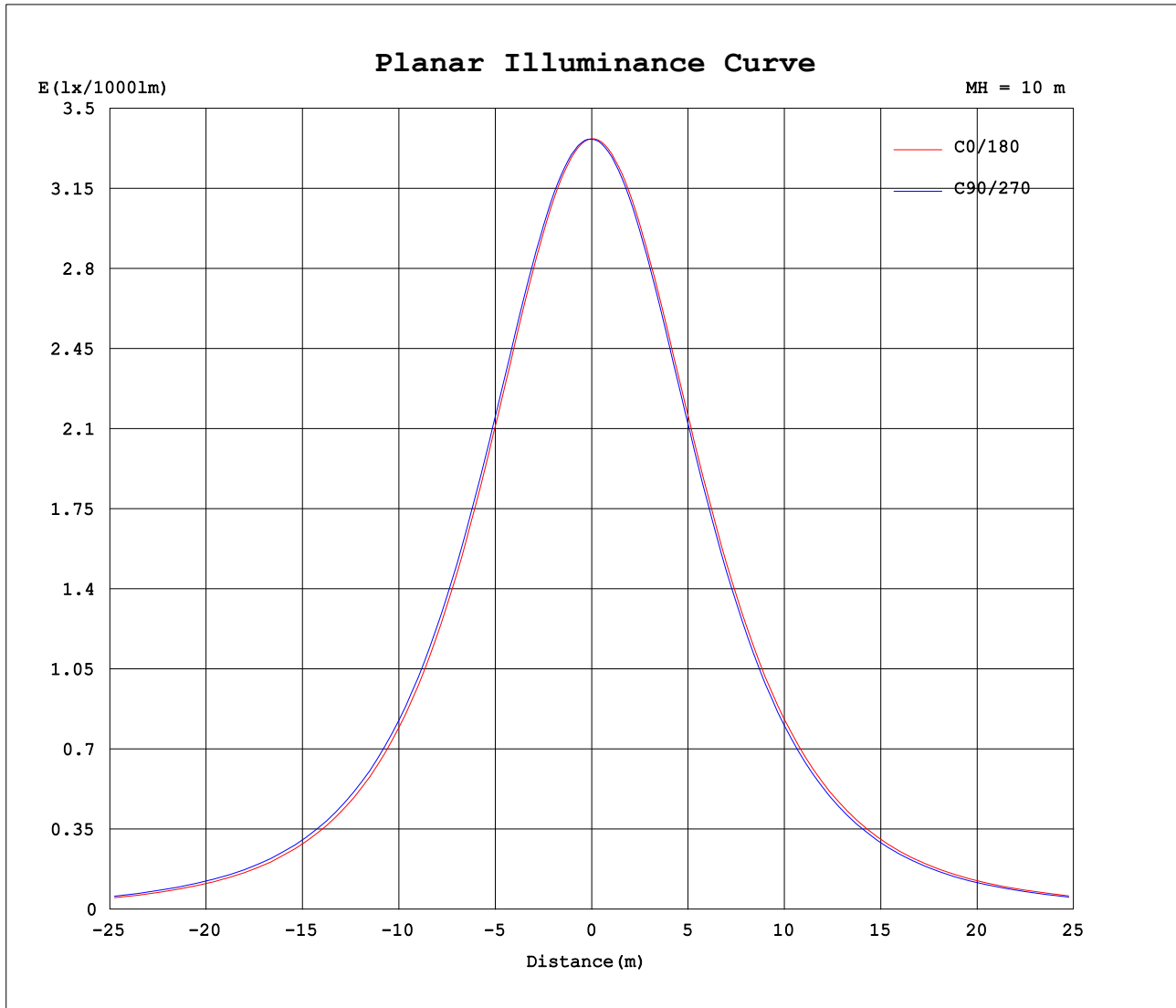
AvgL	cd/m2
L_0~180 (65) av	9383
L_0~180 (75) av	8176
L_0~180 (85) av	6408
L_90~270 (65) av	9476
L_90~270 (75) av	8267
L_90~270 (85) av	5457
L_45 (65) av	9495
L_45 (75) av	8313
L_45 (85) av	6828

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-9-28

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:2019-9-28

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:0.1994A P:4.786W PF:1.000 Freq:0Hz Lamp Flux:318.794x1 lm		
NAME: UB-OL-27K97C	TYPE:LED Strip	WEIGHT:0.01Kg
SPEC.:4.8W	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	336	336	336	336	336	336	336	335	335	335	335	335	335			
10	330	331	331	332	332	333	333	333	333	332	331	331	330	330	330	330			
15	322	323	324	325	326	327	327	326	326	326	325	324	323	322	322	322			
20	312	313	314	316	317	318	318	318	317	316	315	314	313	312	312	312			
25	299	301	302	304	305	306	306	306	306	304	303	302	301	300	300	299			
30	284	286	287	290	291	292	292	292	292	290	289	287	286	285	285	284			
35	266	269	270	273	274	276	276	276	275	273	272	270	269	267	267	267			
40	247	249	251	254	255	257	257	257	256	254	253	250	249	248	248	247			
45	225	227	229	232	234	236	236	235	235	233	231	229	227	226	226	225			
50	201	204	206	209	210	213	213	212	212	210	208	205	204	202	202	201			
55	175	178	180	184	185	188	187	187	187	184	183	180	178	176	176	175			
60	147	151	153	156	158	161	160	160	160	157	155	152	151	149	149	149			
65	117	122	124	128	129	132	132	132	132	129	127	124	122	120	120	120			
70	87.2	93.2	94.8	98.3	99.7	103	103	103	102	99.5	97.5	94.1	92.5	90.9	91.1	90.8			
75	59.8	64.3	66.1	69.0	70.5	73.0	73.1	73.2	73.0	70.5	68.4	65.1	63.7	62.1	62.4	62.1			
80	34.4	38.1	39.6	42.1	43.1	45.5	45.5	45.4	45.0	43.0	41.6	38.7	35.2	35.9	36.3	34.7			
85	13.9	16.2	17.9	19.2	19.0	21.7	21.9	21.7	21.2	20.0	19.4	16.8	10.9	14.7	15.4	14.5			
90	3.26	3.96	3.89	4.53	1.95	5.11	5.71	6.07	5.98	5.71	5.25	3.72	0.41	2.99	3.48	3.47			
95	1.36	1.37	1.17	0.80	0.57	0.79	1.51	2.15	2.30	2.24	1.56	0.77	0.55	0.60	0.66	1.22			
100	0.86	0.89	0.83	0.84	0.82	0.87	0.87	0.89	0.78	0.82	0.79	0.68	0.74	0.67	0.68	0.68			
105	0.98	1.00	0.95	1.04	1.02	1.10	0.94	1.00	0.82	0.79	0.89	0.87	0.93	0.87	0.89	0.72			
110	1.15	1.21	1.16	1.26	1.24	1.31	1.24	1.16	0.94	0.93	1.08	1.06	1.14	1.05	1.07	0.92			
115	1.37	1.42	1.37	1.48	1.45	1.52	1.38	1.40	1.13	1.16	1.32	1.27	1.36	1.26	1.29	1.11			
120	1.56	1.62	1.56	1.67	1.67	1.73	1.60	1.60	1.33	1.38	1.52	1.47	1.57	1.50	1.49	1.37			
125	1.75	1.83	1.77	1.88	1.90	1.94	1.81	1.82	1.54	1.55	1.73	1.72	1.77	1.67	1.69	1.57			
130	1.93	2.03	1.96	2.05	2.08	2.17	2.01	2.02	1.74	1.74	1.90	1.91	1.96	1.85	1.85	1.75			
135	2.12	2.22	2.16	2.24	2.27	2.29	2.20	2.22	1.95	1.94	2.12	2.09	2.14	2.02	2.05	1.96			
140	2.31	2.41	2.36	2.44	2.43	2.48	2.40	2.41	2.17	2.16	2.34	2.26	2.33	2.22	2.25	2.17			
145	2.50	2.58	2.51	2.60	2.57	2.64	2.58	2.60	2.38	2.38	2.52	2.47	2.52	2.40	2.44	2.41			
150	2.67	2.76	2.68	2.74	2.71	2.80	2.71	2.76	2.57	2.51	2.68	2.63	2.64	2.55	2.61	2.54			
155	2.83	2.91	2.82	2.88	2.83	2.91	2.83	2.90	2.72	2.62	2.79	2.70	2.75	2.66	2.73	2.66			
160	2.98	3.00	2.95	2.97	2.94	2.98	2.93	2.99	2.84	2.80	2.88	2.81	2.85	2.78	2.85	2.79			
165	3.05	3.09	3.00	3.05	2.97	3.07	2.99	3.07	2.98	2.87	3.01	2.91	2.96	2.87	2.95	2.94			
170	3.12	3.13	3.09	3.09	3.03	3.07	3.04	3.14	3.10	2.97	3.08	2.99	3.03	2.96	3.05	3.01			
175	3.17	3.10	3.15	3.13	3.07	3.08	3.13	3.15	3.12	3.03	3.13	3.03	3.06	3.00	3.07	3.11			
180	3.17	3.12	3.16	3.11	3.10	3.08	3.10	3.14	3.16	3.10	3.14	3.13	3.09	3.08	3.11	3.17			

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