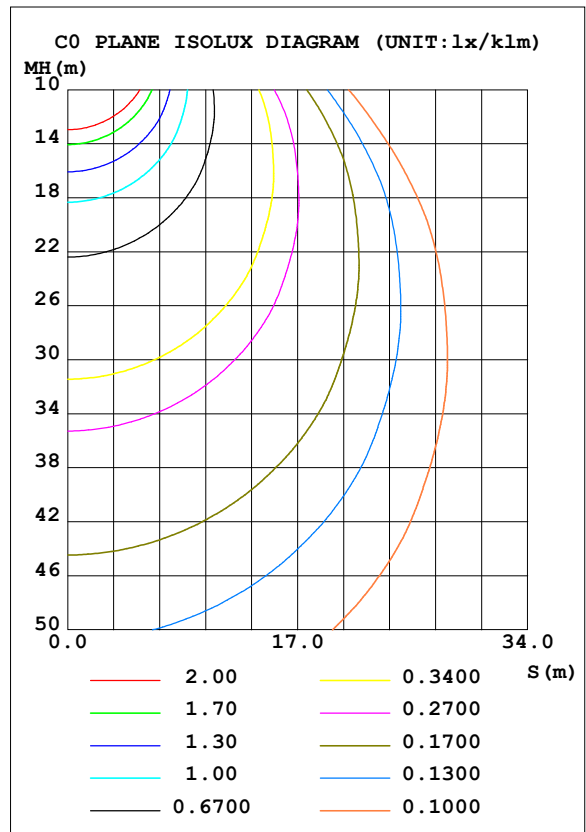
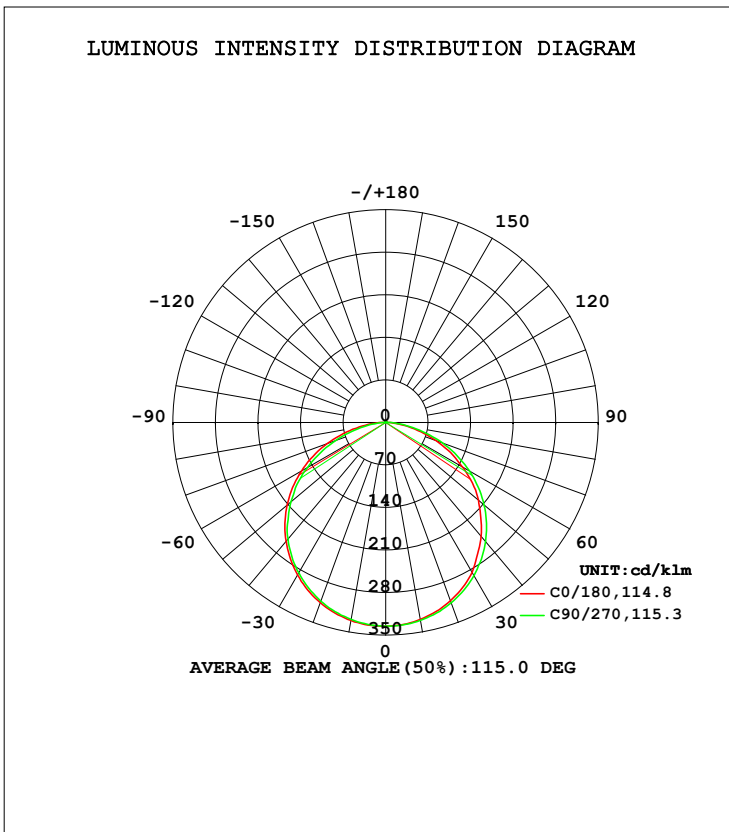


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	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: 116.37 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	335.3	S/MH(C0/180)	1.29
NOMINAL POWER(W)	20.724	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.00	η UP, DN(C0-180)	0.6,49.6
NOMINAL FLUX(lm)	2411.67	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,49.2
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]

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

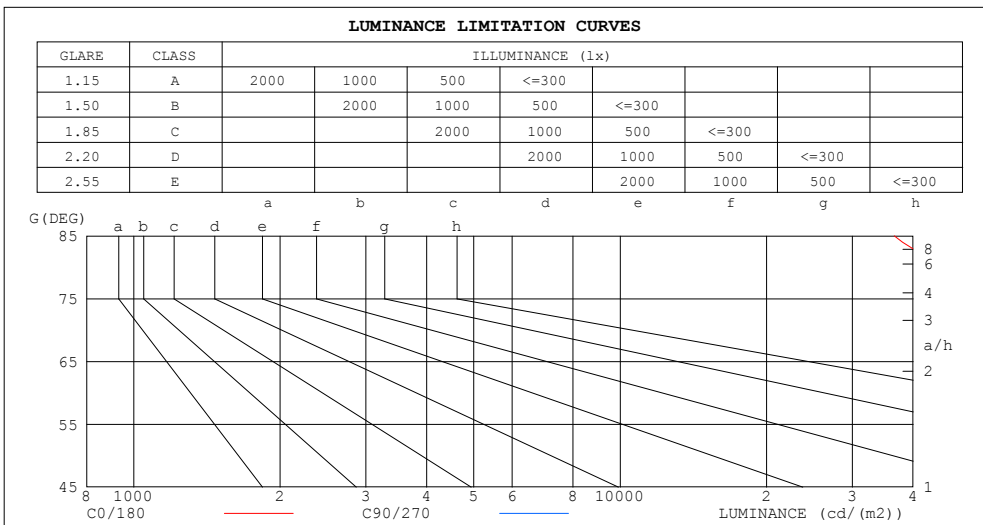
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	329.0	330.0	330.7	330.7	330.8	329.7	329.1	328.9	0- 10	31.74	31.74	3.17,3.17
20	312.2	314.4	315.9	315.8	315.4	313.9	312.6	312.1	10- 20	91.27	123.0	12.3,12.3
30	284.6	288.4	290.7	290.5	289.9	288.1	286.2	285.2	20- 30	139.3	262.4	26.2,26.2
40	244.4	252.7	255.8	255.5	255.2	252.9	250.5	249.0	30- 40	169.7	432.0	43.2,43.2
50	199.3	207.9	211.5	211.4	211.6	209.2	203.7	204.0	40- 50	178.2	610.2	61,61
60	145.0	155.0	158.8	159.3	160.4	157.8	149.5	151.3	50- 60	163.0	773.2	77.3,77.3
70	88.83	95.97	99.80	100.9	102.9	100.2	88.09	92.68	60- 70	125.0	898.2	89.8,89.8
80	33.30	37.28	40.14	41.75	44.47	41.76	31.72	34.86	70- 80	70.60	968.8	96.9,96.9
90	2.743	3.045	1.803	4.988	6.336	4.952	0.5107	2.837	80- 90	19.25	988.1	98.8,98.8
100	1.026	0.9040	0.8997	0.9289	1.011	0.8542	0.8483	0.8149	90-100	1.495	989.6	99,99
110	1.432	1.307	1.337	1.357	1.327	1.258	1.271	1.219	100-110	1.155	990.7	99.1,99.1
120	1.866	1.670	1.759	1.806	1.739	1.740	1.712	1.648	110-120	1.511	992.2	99.2,99.2
130	2.272	2.109	2.134	2.202	2.091	2.173	2.116	2.058	120-130	1.746	994.0	99.4,99.4
140	2.638	2.445	2.457	2.536	2.461	2.539	2.473	2.431	130-140	1.800	995.8	99.6,99.6
150	2.941	2.770	2.764	2.850	2.824	2.842	2.766	2.757	140-150	1.669	997.5	99.7,99.7
160	3.275	3.018	2.978	3.075	3.085	3.050	2.965	2.988	150-160	1.361	998.8	99.9,99.9
170	3.318	3.157	3.095	3.201	3.205	3.180	3.080	3.087	160-170	0.8824	999.7	100,100
180	3.260	3.183	3.118	3.165	3.241	3.180	3.121	3.159	170-180	0.3026	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:2019-10-15

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]

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	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	36586	45206
80	46364	55565
75	56037	64317
70	62802	70130
65	67552	73899
60	70110	76348
55	73467	78018
50	74976	79066
45	75775	79755

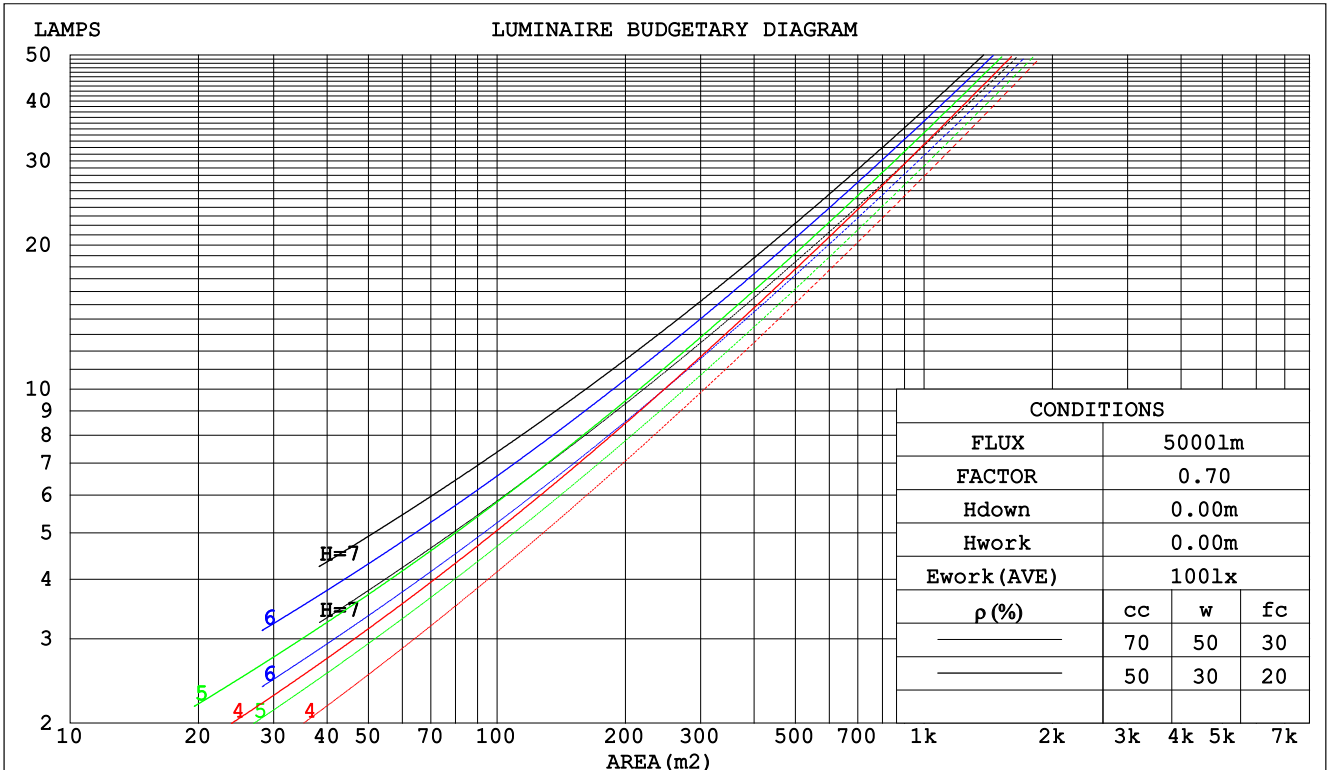
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

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]

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	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	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.94	.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]

WEC AND CCEC

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm								
NAME: UB-RS-30K97C			TYPE:LED Strip			WEIGHT:Kg		
SPEC.:21.6W			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	.312	.177	.056	.305	.174	.055	.291	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.235	.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	.195	.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	.200	.200	.200	.171	.171	.171	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.190	.165	.143	.162	.142	.123	.111	.098	.085	.064	.056	.050	.020	.018	.016	
2.0	.182	.141	.107	.156	.121	.093	.107	.084	.065	.061	.049	.038	.020	.016	.012	
3.0	.174	.124	.083	.149	.107	.072	.102	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.166	.110	.067	.143	.095	.059	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.100	.056	.137	.086	.049	.094	.060	.035	.055	.035	.021	.018	.012	.007	
6.0	.152	.092	.048	.131	.079	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.042	.125	.073	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.119	.069	.033	.083	.048	.024	.048	.028	.014	.016	.009	.005	
9.0	.133	.074	.035	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.109	.061	.028	.076	.043	.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]

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm										
NAME: UB-RS-30K97C					TYPE:LED Strip			WEIGHT:Kg		
SPEC.:21.6W					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	24.8	26.3	25.0	26.5	26.7	25.0	26.5	25.3	26.7	27.0
3H	26.2	27.6	26.5	27.9	28.1	26.5	27.9	26.9	28.2	28.5
4H	26.7	28.1	27.1	28.3	28.6	27.1	28.5	27.5	28.7	29.0
6H	27.1	28.3	27.4	28.6	28.9	27.5	28.8	27.9	29.1	29.4
8H	27.1	28.4	27.5	28.7	29.0	27.7	28.9	28.0	29.2	29.5
12H	27.2	28.3	27.6	28.7	29.0	27.7	28.9	28.1	29.2	29.5
4H 2H	25.4	26.7	25.7	27.0	27.3	25.6	26.9	25.9	27.2	27.5
3H	27.0	28.2	27.4	28.5	28.9	27.3	28.5	27.7	28.8	29.1
4H	27.7	28.8	28.1	29.1	29.5	28.0	29.1	28.4	29.4	29.8
6H	28.1	29.1	28.6	29.5	29.8	28.6	29.5	29.0	29.9	30.3
8H	28.3	29.1	28.7	29.5	29.9	28.7	29.6	29.2	30.0	30.4
12H	28.3	29.1	28.8	29.5	30.0	28.8	29.6	29.3	30.0	30.5
8H 4H	28.0	28.8	28.4	29.2	29.6	28.3	29.1	28.7	29.5	29.9
6H	28.5	29.3	29.0	29.7	30.2	28.9	29.7	29.4	30.1	30.5
8H	28.7	29.4	29.2	29.8	30.3	29.2	29.8	29.6	30.3	30.7
12H	28.9	29.4	29.4	29.9	30.4	29.3	29.9	29.8	30.4	30.9
12H 4H	28.0	28.8	28.4	29.2	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	29.6	29.4	30.1	30.5
8H	28.8	29.4	29.3	29.9	30.4	29.2	29.8	29.7	30.3	30.8
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, 2412 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)

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]

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

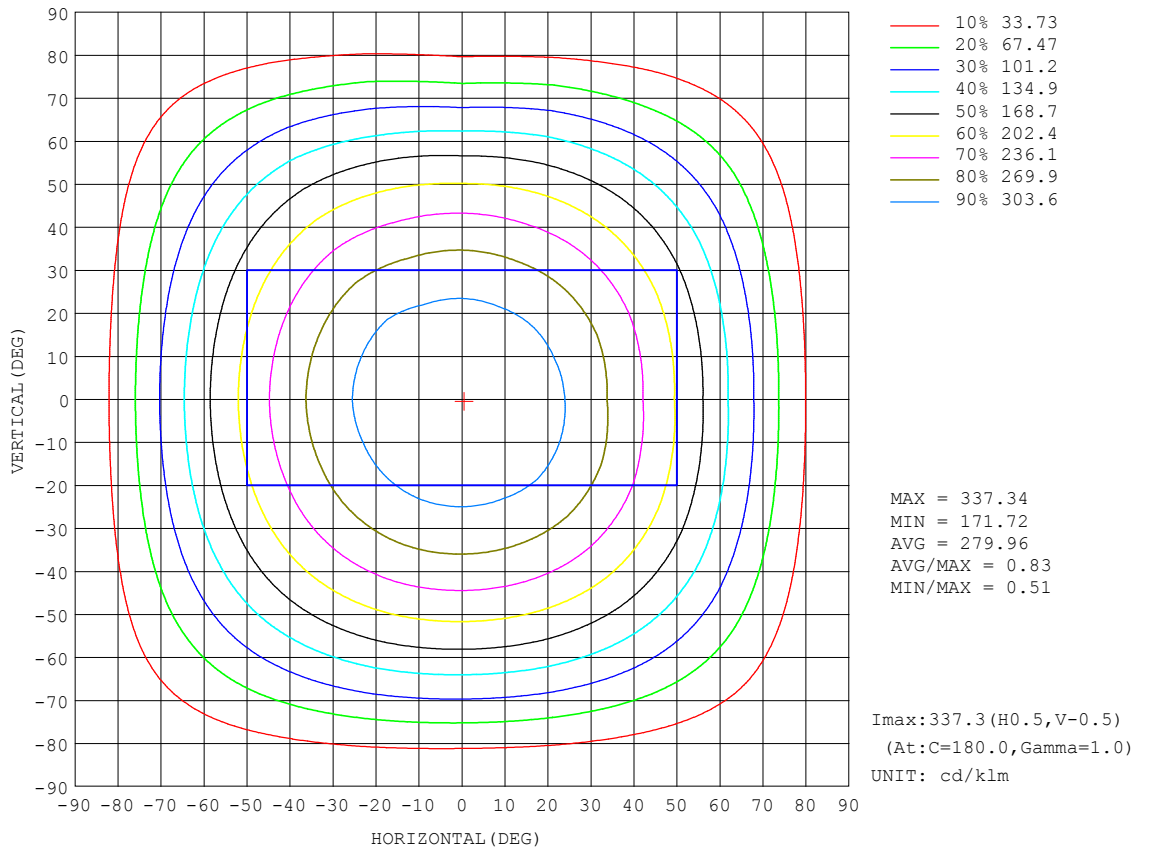
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	54	47	64	54	47	40
1.00	75	64	56	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	95	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]

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	DIM.: 1000*10*2 (MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10 (MM)	Shielding Angle:120

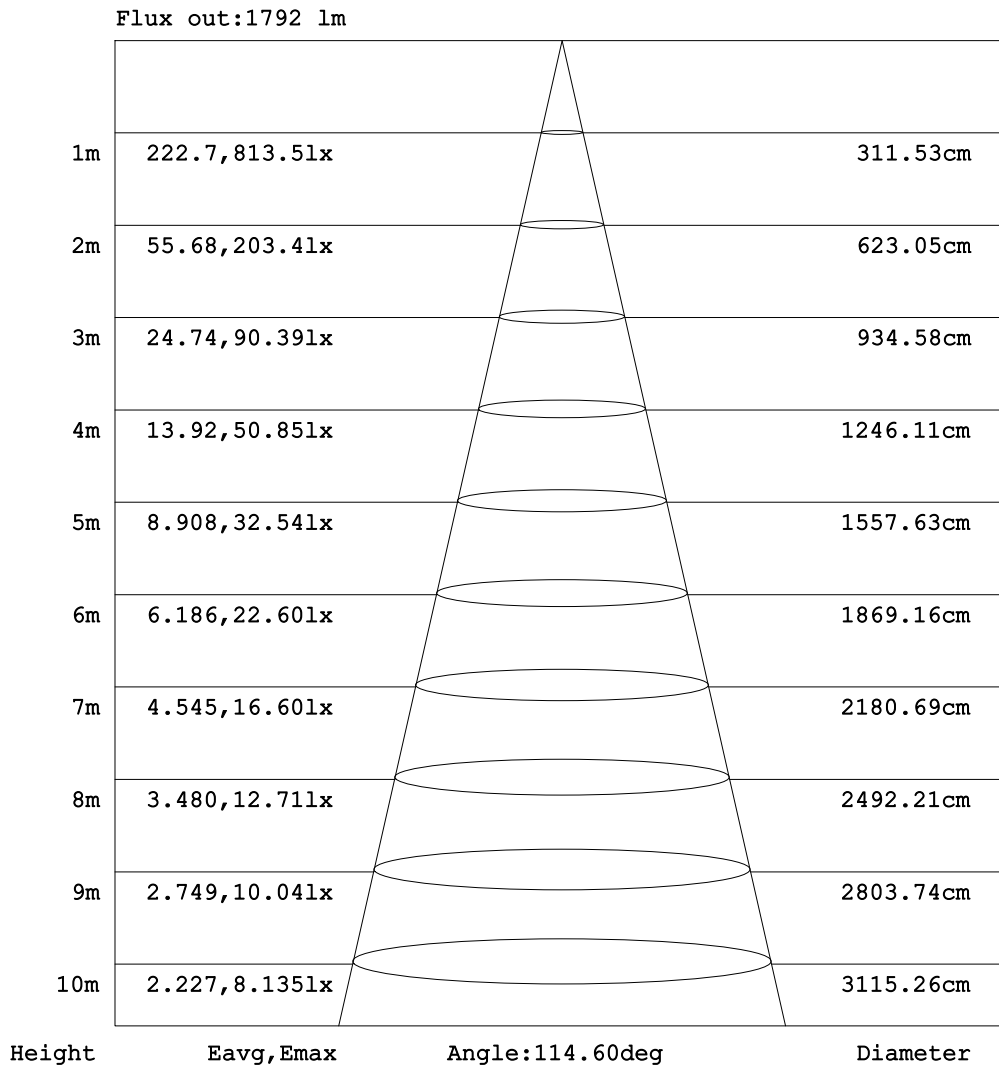


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-15

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]

AAI Figure

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120



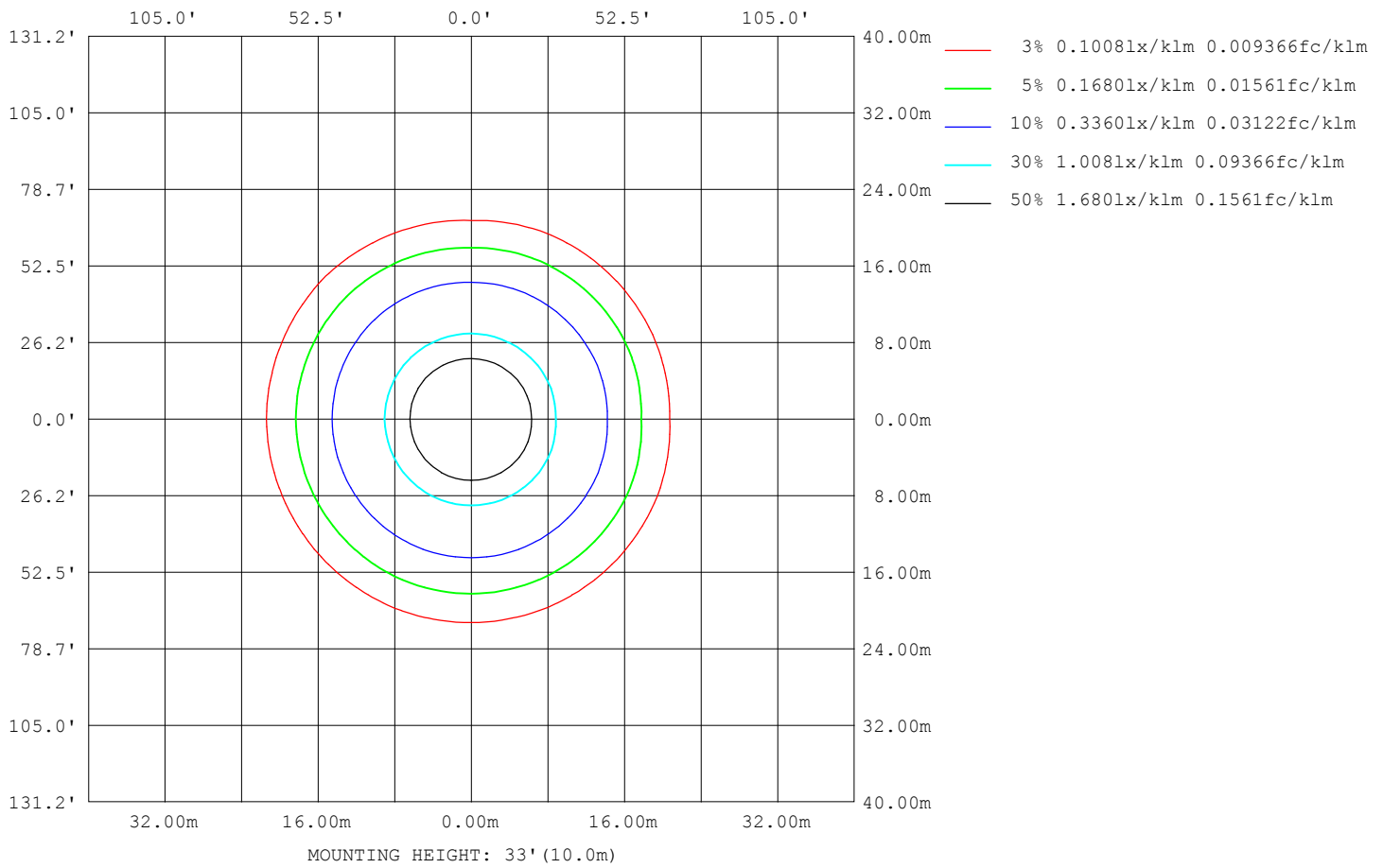
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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]

ISOLUX DIAGRAM

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	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]

LED Avg.L Report

Test:U:24.00V I:0.8635A P:20.72W PF:1.000 Freq:0Hz Lamp Flux:2411.67x1 lm		
NAME: UB-RS-30K97C	TYPE:LED Strip	WEIGHT:Kg
SPEC.:21.6W	DIM.: 1000*10*2(MM)	SERIAL No.:001
MFR.: Flexfire LEDs, Inc.	SUR.:1000*10(MM)	Shielding Angle:120

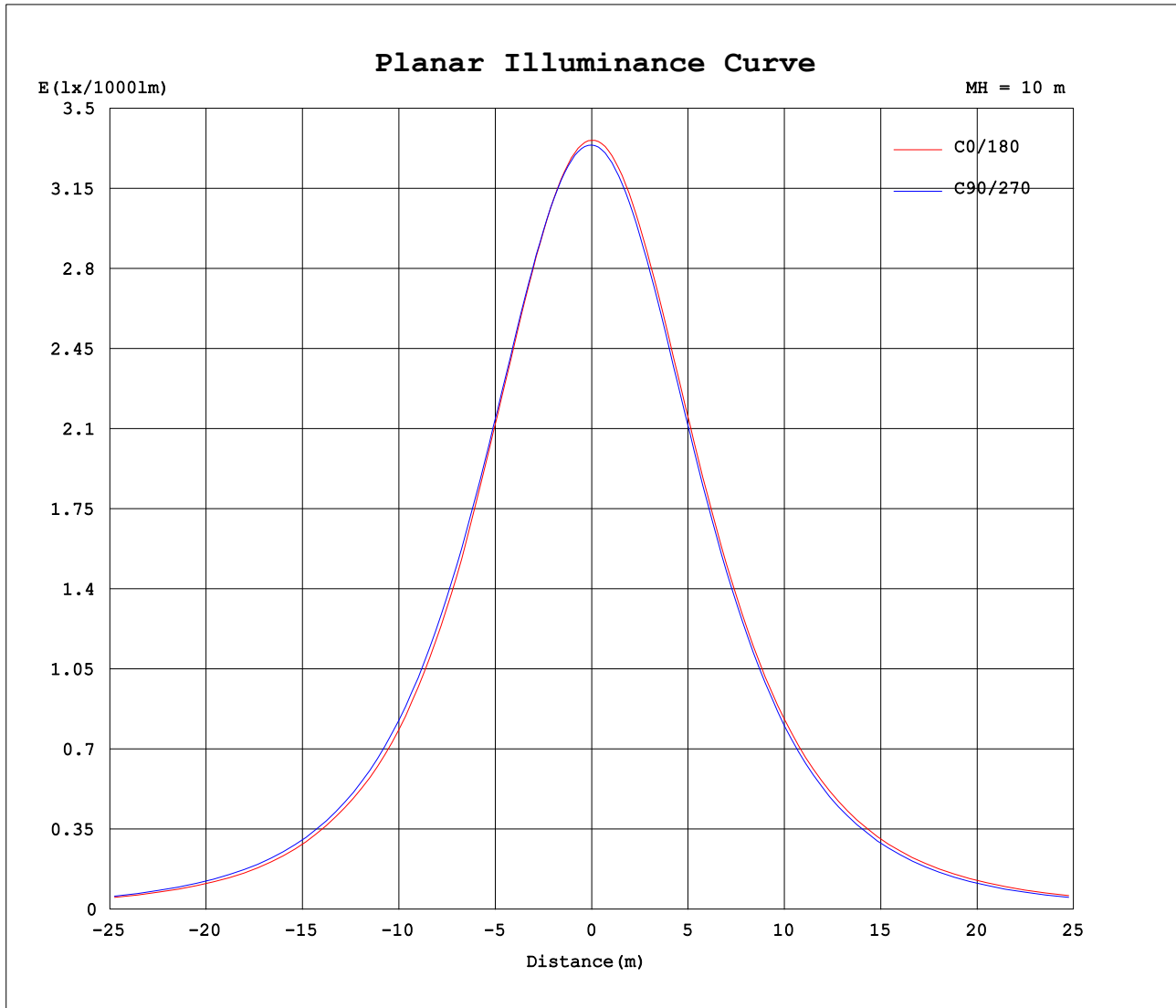
AvgL	cd/m2
L_0~180 (65) av	71423
L_0~180 (75) av	61908
L_0~180 (85) av	46627
L_90~270 (65) av	70960
L_90~270 (75) av	59374
L_90~270 (85) av	35867
L_45 (65) av	72610
L_45 (75) av	62504
L_45 (85) av	44854

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]

Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335			
5	334	334	334	334	334	334	334	334	335	334	334	334	333	333	333	333			
10	329	329	330	331	331	331	331	331	331	330	330	329	329	329	329	329			
15	322	323	323	325	325	325	324	324	325	324	323	322	322	322	322	322			
20	312	313	314	316	316	316	316	316	315	315	314	313	313	312	312	312			
25	300	301	303	304	305	305	304	304	304	303	302	301	301	300	300	300			
30	285	287	288	291	291	291	290	290	290	289	288	287	286	285	285	285			
35	264	270	272	274	274	275	274	274	274	272	272	270	270	268	268	268			
40	244	251	253	255	256	257	256	255	255	254	253	251	250	249	249	249			
45	222	229	231	234	235	236	234	234	235	233	232	230	228	228	228	227			
50	199	206	208	211	211	212	211	211	212	210	209	207	204	205	204	204			
55	174	180	182	186	186	187	186	186	187	185	184	182	178	179	179	178			
60	145	153	155	158	159	160	159	159	160	159	158	155	149	152	151	151			
65	118	124	126	129	130	131	131	131	132	131	130	125	119	123	123	122			
70	88.8	94.1	96.0	99.1	99.8	101	101	101	103	101	100	96.4	88.1	93.3	92.7	92.2			
75	60.0	63.8	65.7	68.2	69.3	70.5	70.7	71.1	72.9	71.8	70.1	67.6	58.2	63.2	61.8	62.4			
80	33.3	36.1	37.3	39.5	40.1	41.7	41.7	42.7	44.5	43.3	41.8	39.0	31.7	34.7	34.9	33.8			
85	13.2	14.1	14.8	16.2	16.4	17.9	18.2	19.1	20.5	19.4	18.4	16.4	9.53	13.3	13.5	12.7			
90	2.74	3.01	3.04	3.29	1.80	4.40	4.99	5.63	6.34	5.56	4.95	3.94	0.51	2.99	2.84	2.65			
95	0.89	0.82	0.82	0.78	0.69	0.92	1.20	1.38	1.50	1.16	1.03	0.86	0.66	0.79	0.84	0.84			
100	1.03	0.95	0.90	0.90	0.90	0.89	0.93	0.98	1.01	0.86	0.85	0.84	0.85	0.83	0.81	0.85			
105	1.22	1.13	1.10	1.11	1.12	1.11	1.13	1.16	1.15	1.02	1.04	1.05	1.05	1.03	1.01	1.01			
110	1.43	1.34	1.31	1.32	1.34	1.35	1.36	1.38	1.33	1.23	1.26	1.28	1.27	1.24	1.22	1.21			
115	1.65	1.55	1.50	1.53	1.55	1.57	1.58	1.63	1.54	1.47	1.50	1.51	1.50	1.45	1.44	1.44			
120	1.87	1.76	1.67	1.74	1.76	1.78	1.81	1.86	1.74	1.70	1.74	1.74	1.71	1.66	1.65	1.71			
125	2.07	1.96	1.90	1.93	1.95	1.98	2.01	2.07	1.93	1.93	1.97	1.96	1.92	1.87	1.86	1.94			
130	2.27	2.15	2.11	2.11	2.13	2.17	2.20	2.28	2.09	2.12	2.17	2.15	2.12	2.06	2.06	2.15			
135	2.46	2.33	2.28	2.29	2.30	2.34	2.38	2.46	2.27	2.33	2.36	2.34	2.30	2.25	2.25	2.36			
140	2.64	2.50	2.44	2.44	2.46	2.49	2.54	2.63	2.46	2.51	2.54	2.50	2.47	2.42	2.43	2.55			
145	2.80	2.67	2.62	2.61	2.62	2.65	2.70	2.80	2.64	2.67	2.69	2.66	2.63	2.58	2.60	2.73			
150	2.94	2.83	2.77	2.76	2.76	2.79	2.85	2.97	2.82	2.83	2.84	2.80	2.77	2.73	2.76	2.90			
155	3.16	2.97	2.91	2.89	2.88	2.92	2.98	3.12	2.97	2.95	2.95	2.90	2.88	2.85	2.88	3.04			
160	3.28	3.09	3.02	2.99	2.98	3.02	3.07	3.21	3.08	3.05	3.05	3.00	2.97	2.94	2.99	3.15			
165	3.28	3.18	3.10	3.07	3.05	3.09	3.16	3.31	3.15	3.11	3.12	3.05	3.02	3.00	3.05	3.18			
170	3.32	3.20	3.16	3.12	3.09	3.12	3.20	3.36	3.20	3.16	3.18	3.10	3.08	3.06	3.09	3.18			
175	3.31	3.20	3.18	3.15	3.12	3.13	3.20	3.32	3.20	3.18	3.18	3.12	3.10	3.08	3.10	3.17			
180	3.26	3.18	3.18	3.15	3.12	3.12	3.17	3.24	3.24	3.19	3.18	3.14	3.12	3.12	3.16	3.24			

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