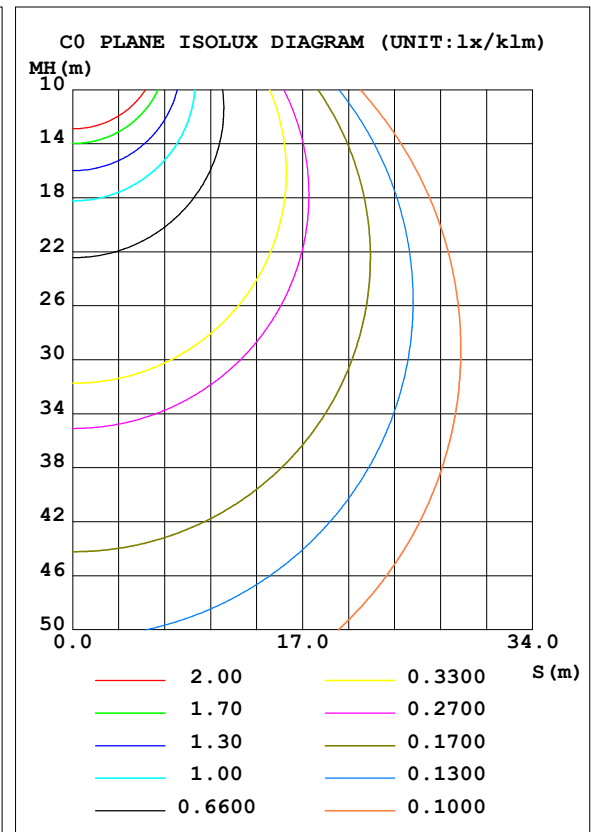
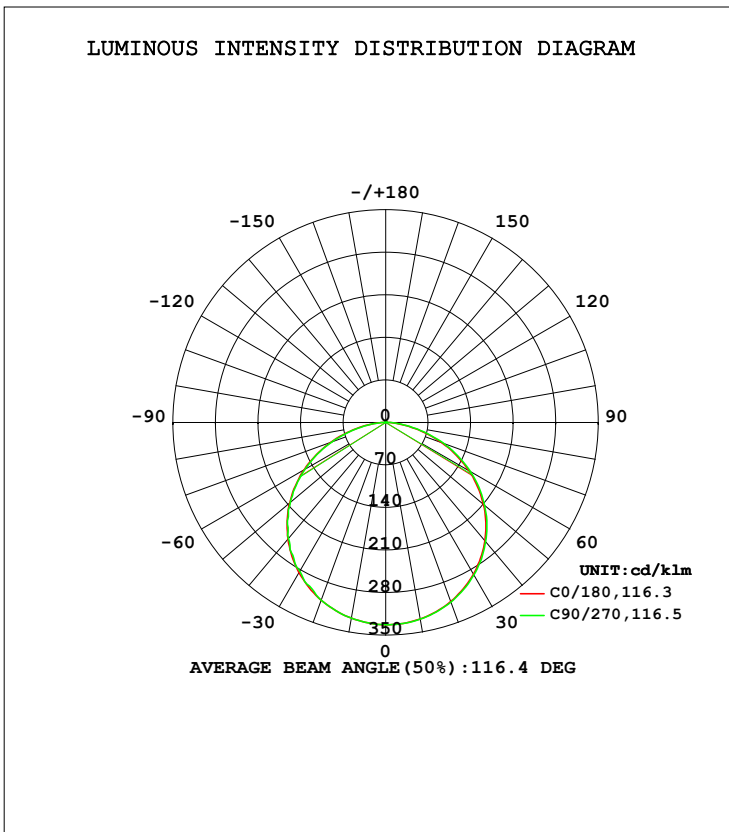


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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: 132.73 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	332.9	S/MH(C0/180)	1.28
NOMINAL POWER(W)	20.04	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	0.6,50.1
NOMINAL FLUX(lm)	2659.94	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,48.7
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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

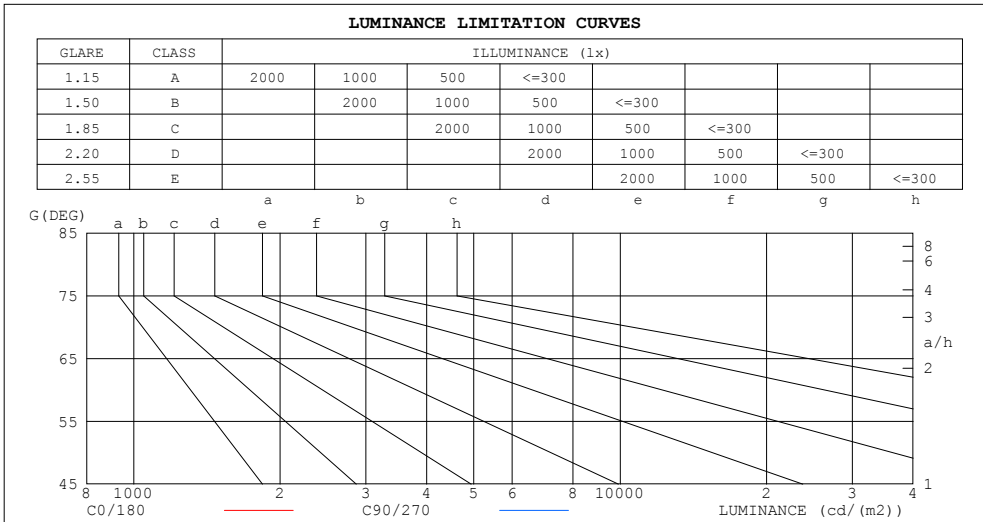
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	328.3	328.9	328.6	327.7	327.0	326.5	326.9	327.7	0- 10	31.52	31.52	3.15,3.15
20	313.5	314.7	314.4	312.5	311.0	310.3	311.0	310.7	10- 20	90.69	122.2	12.2,12.2
30	288.6	290.6	290.2	287.5	285.5	284.5	283.0	287.6	20- 30	138.7	260.9	26.1,26.1
40	254.0	256.5	256.2	252.9	250.4	249.1	249.0	250.6	30- 40	169.5	430.4	43,43
50	210.1	212.9	212.8	209.2	206.6	205.2	204.8	209.1	40- 50	178.6	609.0	60.9,60.9
60	157.7	160.6	160.6	157.2	155.0	153.2	153.1	154.1	50- 60	163.8	772.8	77.3,77.3
70	98.44	101.3	101.4	98.58	96.97	94.97	94.51	95.33	60- 70	126.1	898.8	89.9,89.9
80	38.60	41.00	41.51	39.71	38.50	36.84	36.23	38.54	70- 80	71.24	970.1	97,97
90	1.313	2.316	1.642	1.702	0.9679	1.391	0.5153	1.896	80- 90	18.19	988.3	98.8,98.8
100	0.9246	0.8515	0.8889	0.8909	0.8108	0.8313	0.8938	0.8235	90-100	0.9448	989.2	98.9,98.9
110	1.301	1.280	1.343	1.362	1.231	1.315	1.352	1.257	100-110	1.138	990.3	99,99
120	1.773	1.681	1.795	1.836	1.706	1.820	1.803	1.695	110-120	1.527	991.9	99.2,99.2
130	2.219	2.162	2.208	2.282	2.138	2.264	2.210	2.105	120-130	1.783	993.7	99.4,99.4
140	2.621	2.544	2.576	2.661	2.589	2.684	2.612	2.532	130-140	1.856	995.5	99.6,99.6
150	3.080	2.969	2.973	3.078	3.032	3.075	2.977	2.942	140-150	1.766	997.3	99.7,99.7
160	3.370	3.248	3.208	3.319	3.307	3.273	3.170	3.180	150-160	1.454	998.7	99.9,99.9
170	3.524	3.391	3.320	3.425	3.447	3.384	3.282	3.315	160-170	0.9446	999.7	100,100
180	3.337	3.288	3.227	3.264	3.328	3.281	3.224	3.257	170-180	0.3199	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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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	44161	51479
80	59050	63597
75	69634	72706
70	76455	78916
65	80917	82908
60	83759	85435
55	85625	87093
50	86822	88071
45	87586	88644

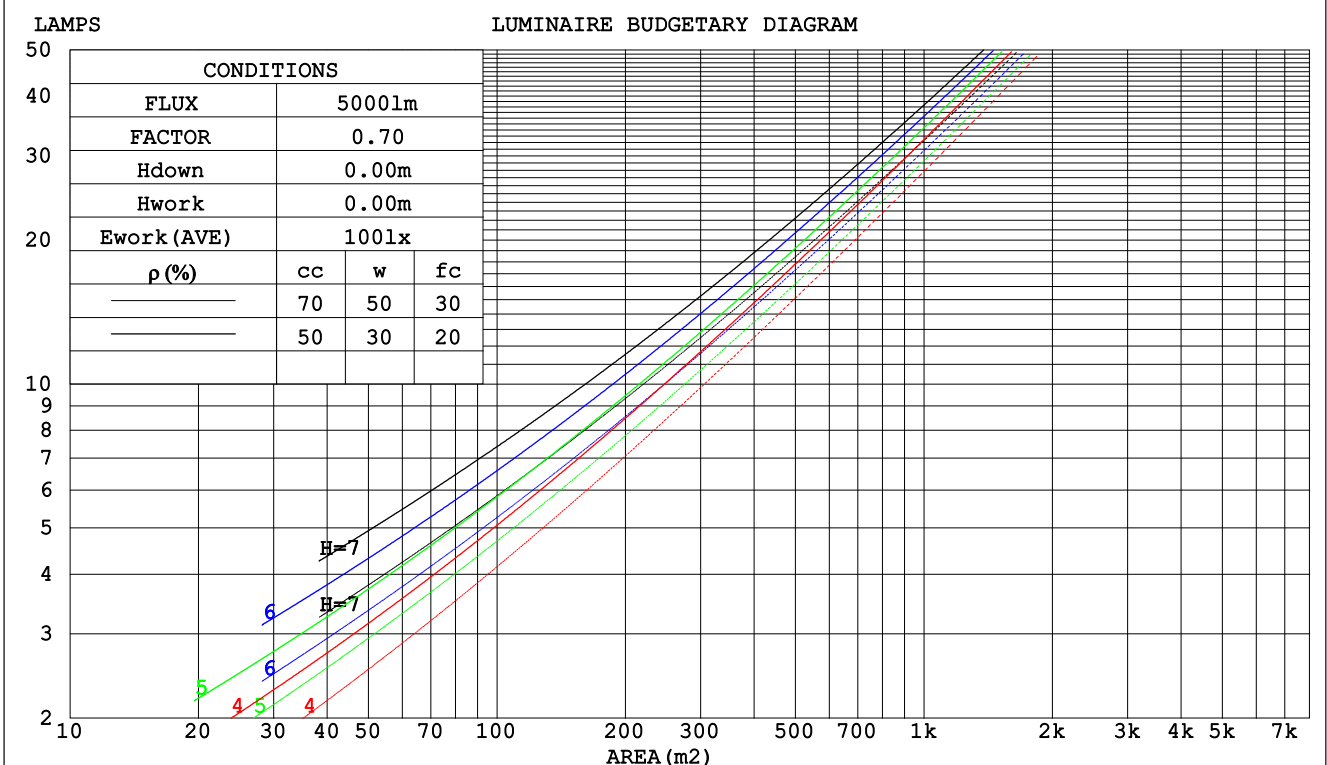
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw	0															
pfc	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	.94	.97	.93	.90	.93	.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	.53	.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	.35	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.44	.36	.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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

WEC AND CCEC

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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	.304	.174	.055	.290	.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	.236	.130	.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	.187	.091	.026	.183	.090	.026	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.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	.098	.085	.064	.056	.050	.020	.018	.016	
2.0	.182	.141	.107	.156	.121	.092	.107	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.174	.123	.083	.149	.106	.072	.102	.074	.051	.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	.137	.086	.049	.094	.060	.034	.054	.035	.020	.018	.012	.007	
6.0	.152	.092	.048	.131	.079	.042	.090	.055	.030	.052	.033	.018	.017	.011	.006	
7.0	.145	.085	.042	.125	.073	.037	.086	.051	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.119	.068	.033	.083	.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	.127	.070	.032	.109	.060	.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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm										
NAME: UB-RS-40K95C					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	28.4	30.0	28.7	30.2	30.4	28.5	30.0	28.8	30.3	30.5
3H	30.0	31.4	30.3	31.6	31.9	30.1	31.5	30.4	31.8	32.0
4H	30.6	31.9	30.9	32.2	32.5	30.7	32.0	31.0	32.3	32.6
6H	31.0	32.2	31.3	32.5	32.8	31.1	32.4	31.5	32.7	33.0
8H	31.1	32.3	31.4	32.6	32.9	31.2	32.5	31.6	32.8	33.1
12H	31.1	32.3	31.5	32.6	32.9	31.3	32.5	31.7	32.8	33.1
4H 2H	29.1	30.4	29.4	30.7	31.0	29.1	30.5	29.5	30.7	31.0
3H	30.8	32.0	31.2	32.3	32.6	30.9	32.1	31.3	32.4	32.7
4H	31.5	32.6	31.9	32.9	33.3	31.6	32.7	32.0	33.1	33.4
6H	32.0	33.0	32.4	33.3	33.7	32.2	33.1	32.6	33.5	33.9
8H	32.2	33.1	32.6	33.4	33.9	32.4	33.2	32.8	33.6	34.0
12H	32.3	33.1	32.7	33.5	33.9	32.5	33.3	32.9	33.7	34.1
8H 4H	31.8	32.7	32.2	33.1	33.5	31.9	32.8	32.3	33.2	33.6
6H	32.4	33.2	32.9	33.6	34.0	32.6	33.3	33.0	33.7	34.2
8H	32.7	33.3	33.1	33.8	34.2	32.8	33.5	33.3	33.9	34.4
12H	32.8	33.4	33.3	33.8	34.3	33.0	33.6	33.5	34.0	34.5
12H 4H	31.8	32.6	32.2	33.0	33.4	31.9	32.7	32.4	33.1	33.6
6H	32.5	33.1	33.0	33.6	34.1	32.6	33.3	33.1	33.7	34.2
8H	32.7	33.3	33.2	33.8	34.3	32.9	33.5	33.4	33.9	34.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 2660 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.4)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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

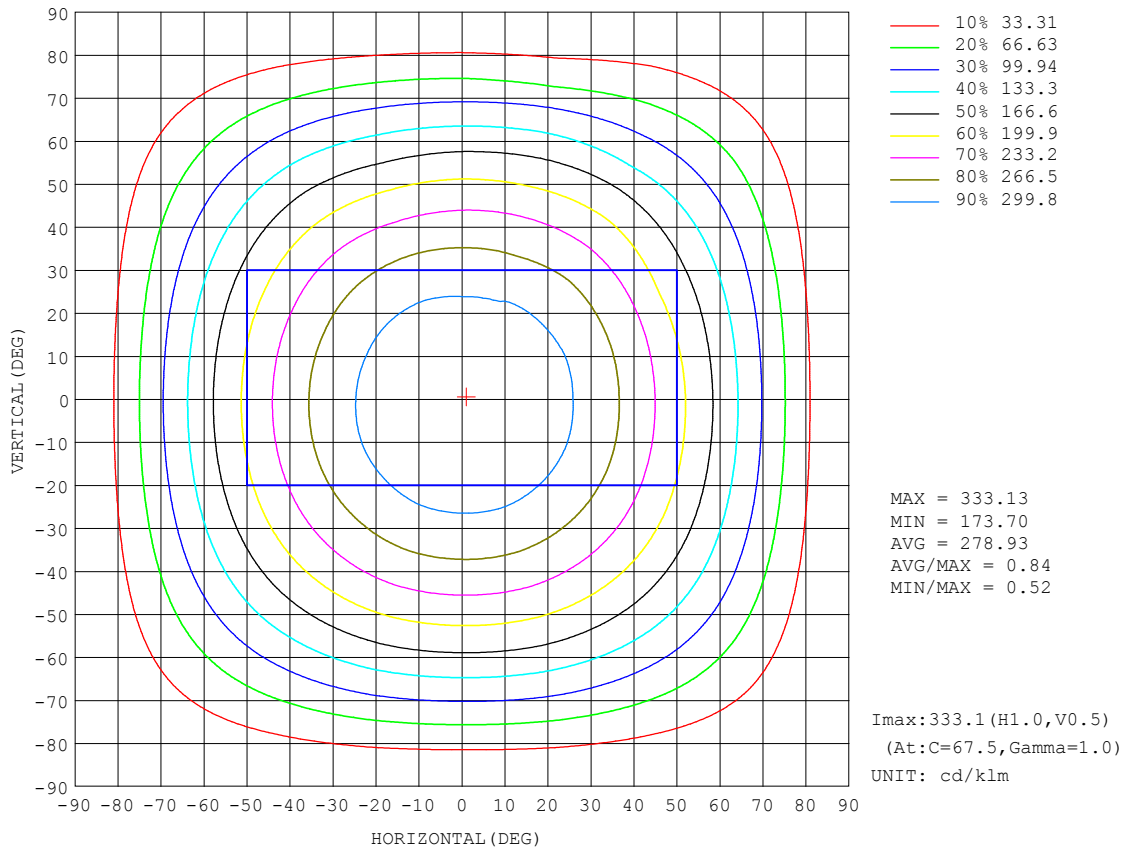
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	71	65	56	48
1.25	82	72	64	81	71	64	78	69	63	55
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	95	91	82
5.00	108	103	99	106	101	98	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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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

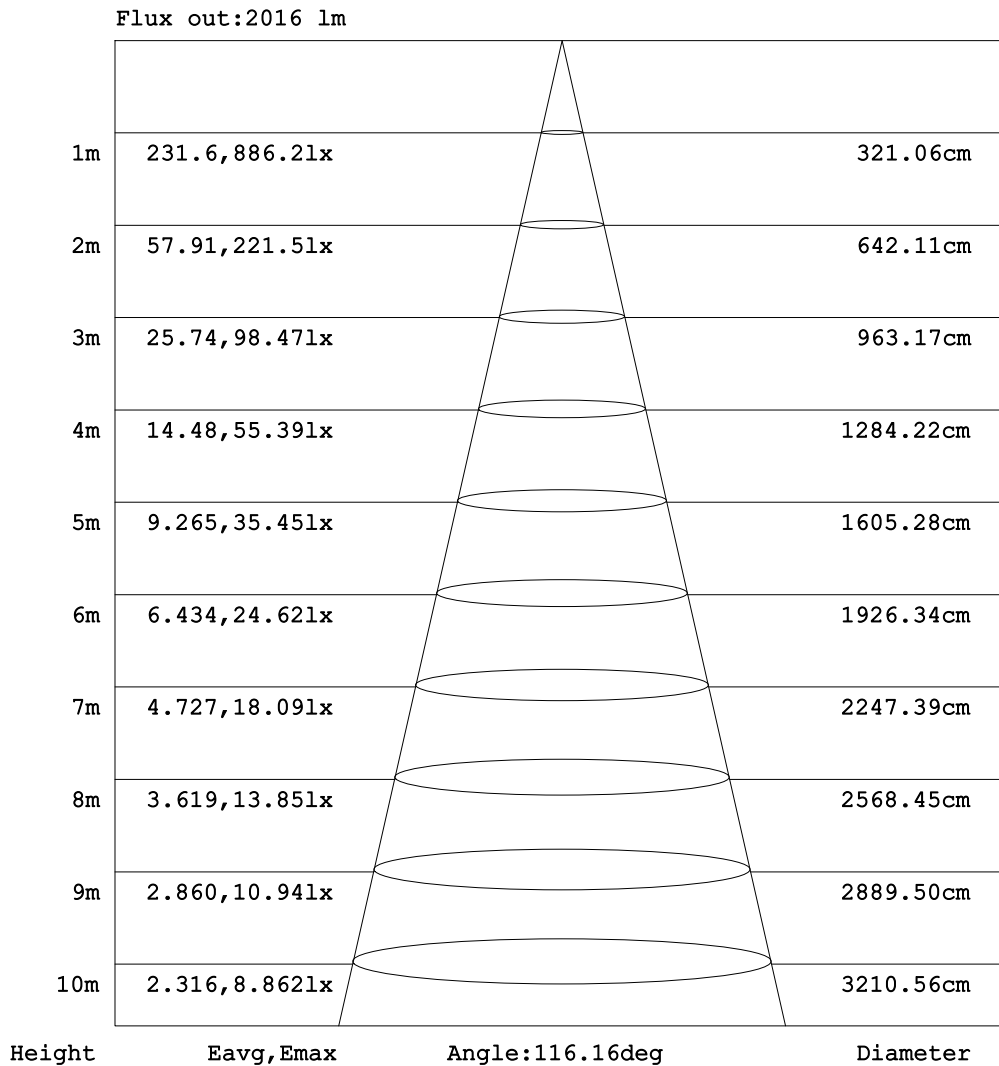


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

AAI Figure

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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



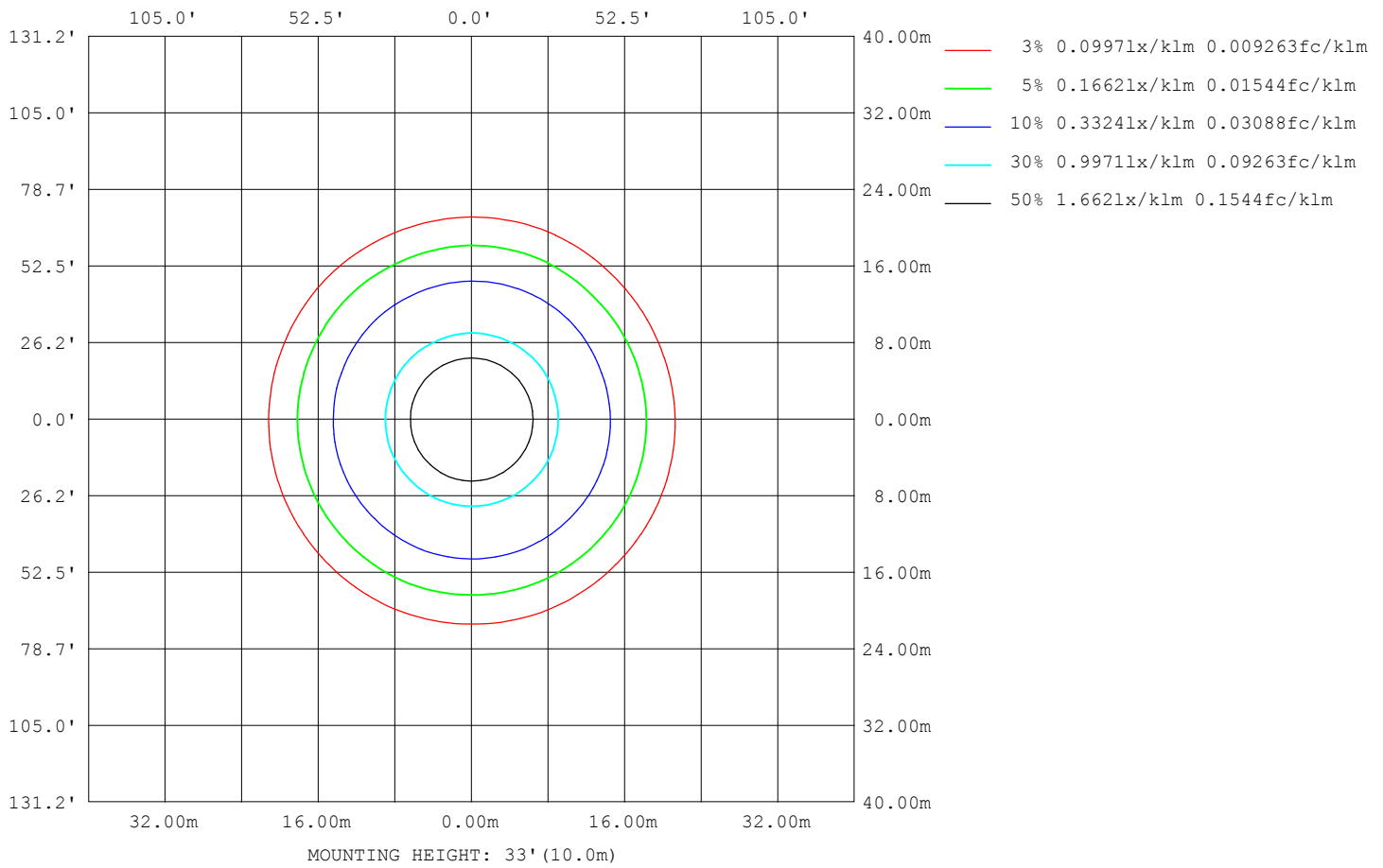
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

ISOLUX DIAGRAM

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:7.000m [K=1.0000]

LED Avg.L Report

Test:U:24.000V I:0.8350A P:20.040W PF:1.0000 Freq:0Hz Lamp Flux:2659.94x1 lm		
NAME: UB-RS-40K95C	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

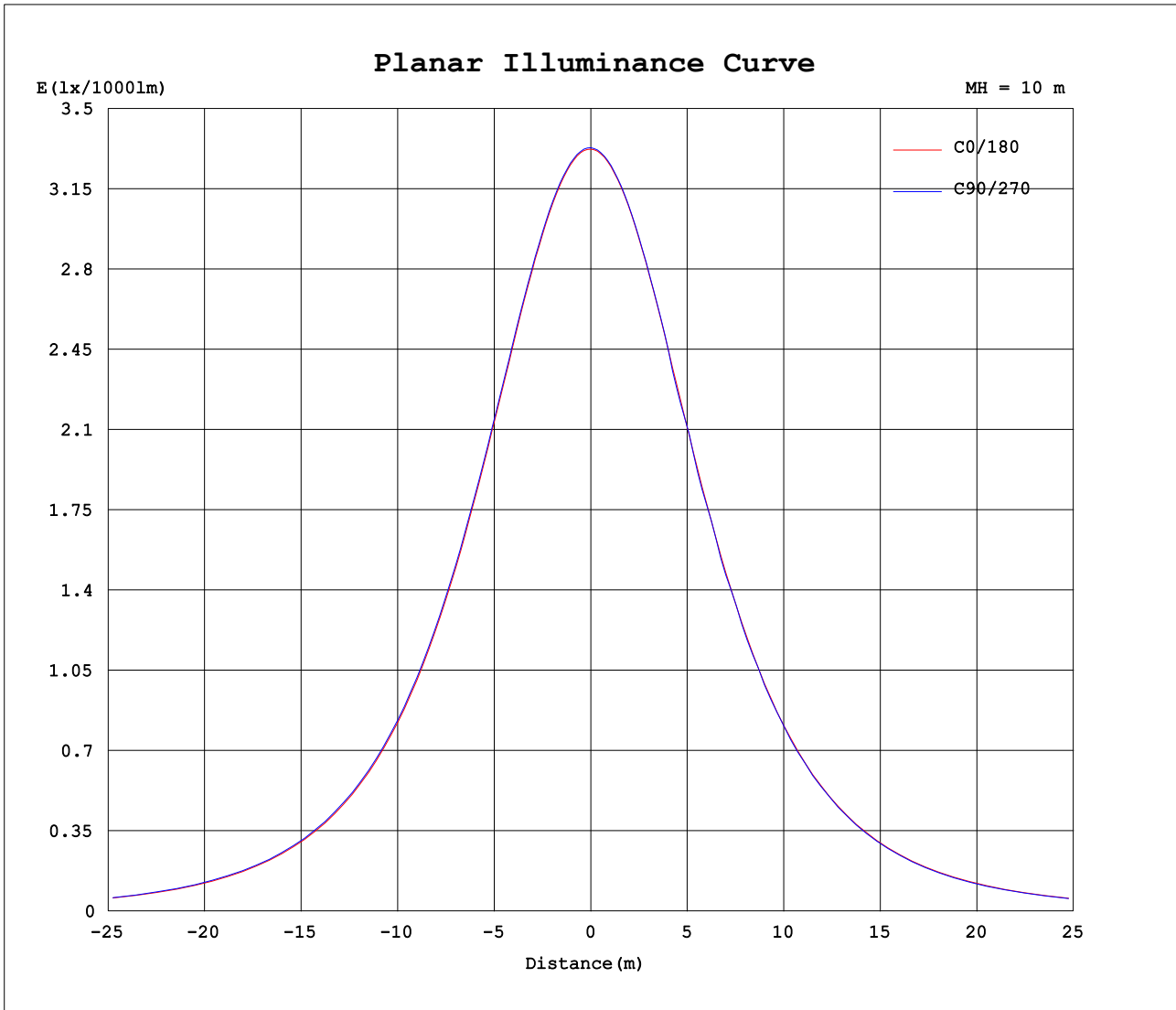
AvgL	cd/m2
L_0~180 (65) av	80329
L_0~180 (75) av	69234
L_0~180 (85) av	43930
L_90~270 (65) av	80614
L_90~270 (75) av	69379
L_90~270 (85) av	46288
L_45 (65) av	80087
L_45 (75) av	68880
L_45 (85) av	46765

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 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	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333	333			
5	332	332	332	332	332	332	332	331	331	331	331	331	331	331	332	332			
10	328	329	329	329	329	328	328	327	327	326	327	326	327	327	328	328			
15	322	323	323	323	323	322	321	321	320	320	320	320	320	321	319	321			
20	313	315	315	315	314	314	312	312	311	310	310	310	311	309	311	311			
25	302	304	304	304	304	303	301	300	299	298	299	299	297	299	301	302			
30	289	290	291	291	290	289	287	286	285	284	284	282	283	286	288	288			
35	273	274	275	276	274	274	271	270	269	268	268	268	267	268	271	270			
40	254	256	256	257	256	255	253	251	250	249	249	247	249	250	251	253			
45	233	235	236	237	236	235	232	230	230	228	228	227	229	229	232	231			
50	210	212	213	214	213	212	209	208	207	205	205	203	205	207	209	205			
55	185	187	188	189	188	187	184	183	182	180	180	177	180	182	184	180			
60	158	160	161	162	161	160	157	156	155	153	153	151	153	155	154	154			
65	129	131	132	133	132	131	128	127	127	125	125	123	124	125	124	124			
70	98.4	101	101	103	101	101	98.6	97.6	97.0	95.0	95.0	94.4	94.5	95.1	95.3	97.1			
75	67.8	69.6	70.4	71.3	70.7	70.2	68.3	67.1	66.9	65.2	64.9	64.3	64.3	59.8	64.5	68.0			
80	38.6	40.3	41.0	42.1	41.5	41.3	39.7	38.9	38.5	36.8	36.8	35.9	36.2	33.6	38.5	38.5			
85	14.5	16.1	16.6	17.6	16.9	17.1	15.6	14.8	14.3	13.2	13.8	13.5	13.5	13.9	15.2	14.6			
90	1.31	1.88	2.32	2.84	1.64	2.48	1.70	1.27	0.97	0.99	1.39	1.59	0.52	1.82	1.90	1.61			
95	0.74	0.81	0.85	0.70	0.68	0.69	0.86	0.90	0.75	0.80	0.76	0.67	0.69	0.70	0.79	0.76			
100	0.92	0.91	0.85	0.86	0.89	0.89	0.89	0.92	0.81	0.80	0.83	0.87	0.89	0.86	0.82	0.86			
105	1.07	1.05	1.06	1.08	1.12	1.12	1.12	1.12	0.98	1.02	1.07	1.11	1.12	1.08	1.04	1.01			
110	1.30	1.28	1.28	1.30	1.34	1.36	1.36	1.37	1.23	1.27	1.32	1.36	1.35	1.30	1.26	1.23			
115	1.54	1.52	1.49	1.53	1.57	1.60	1.60	1.62	1.47	1.53	1.58	1.61	1.58	1.52	1.48	1.45			
120	1.77	1.75	1.68	1.75	1.80	1.83	1.84	1.85	1.71	1.77	1.82	1.84	1.80	1.73	1.70	1.71			
125	2.00	1.98	1.94	1.97	2.01	2.05	2.07	2.09	1.93	1.99	2.05	2.06	2.01	1.94	1.90	1.94			
130	2.22	2.19	2.16	2.17	2.21	2.25	2.28	2.32	2.14	2.21	2.26	2.26	2.21	2.13	2.10	2.15			
135	2.42	2.38	2.35	2.35	2.39	2.43	2.47	2.52	2.35	2.41	2.46	2.45	2.40	2.32	2.30	2.36			
140	2.62	2.58	2.54	2.53	2.58	2.62	2.66	2.72	2.59	2.64	2.68	2.66	2.61	2.54	2.53	2.61			
145	2.85	2.80	2.76	2.75	2.78	2.82	2.87	2.94	2.83	2.85	2.90	2.86	2.81	2.75	2.76	2.85			
150	3.08	3.02	2.97	2.95	2.97	3.01	3.08	3.17	3.03	3.03	3.07	3.02	2.98	2.92	2.94	3.05			
155	3.25	3.18	3.14	3.11	3.11	3.15	3.22	3.33	3.17	3.13	3.17	3.12	3.08	3.04	3.06	3.17			
160	3.37	3.30	3.25	3.21	3.21	3.24	3.32	3.41	3.31	3.24	3.27	3.21	3.17	3.14	3.18	3.31			
165	3.47	3.40	3.34	3.30	3.28	3.32	3.39	3.49	3.41	3.36	3.36	3.29	3.25	3.23	3.28	3.42			
170	3.52	3.43	3.39	3.35	3.32	3.35	3.43	3.53	3.45	3.39	3.38	3.33	3.28	3.28	3.31	3.44			
175	3.48	3.38	3.37	3.32	3.31	3.32	3.39	3.49	3.35	3.31	3.30	3.27	3.22	3.22	3.24	3.33			
180	3.34	3.26	3.29	3.25	3.23	3.22	3.26	3.32	3.33	3.26	3.28	3.24	3.22	3.23	3.26	3.33			

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