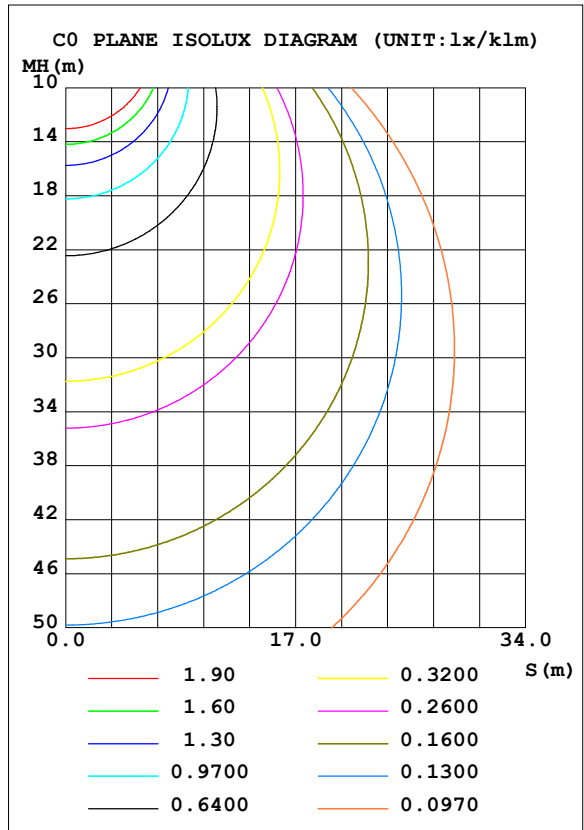
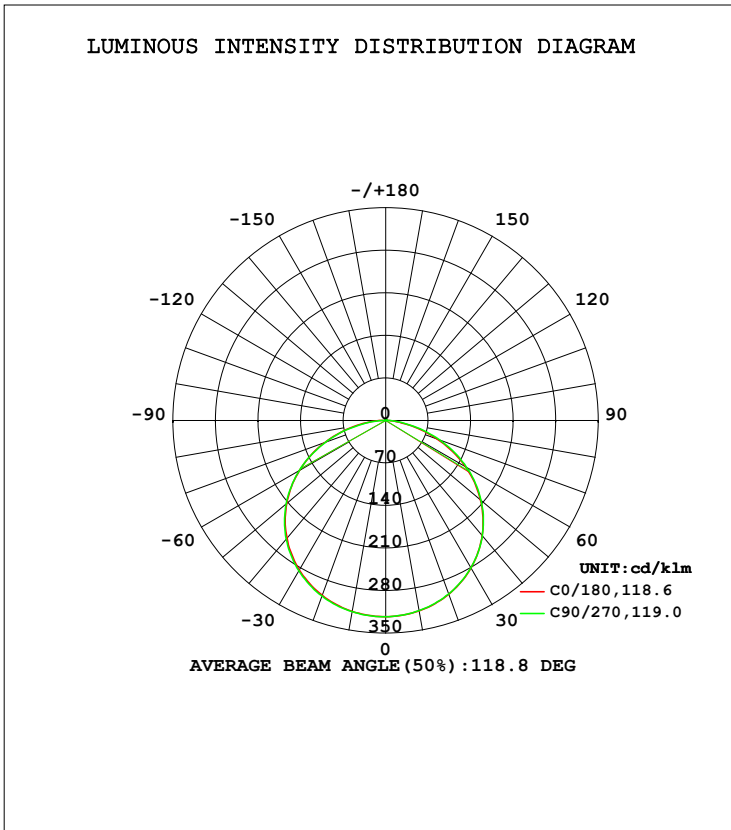


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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: 139.90 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	322.9	S/MH(C0/180)	1.31
NOMINAL POWER(W)	22.08	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	0.6,48.5
NOMINAL FLUX(lm)	3089	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,50.3
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	98.8	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

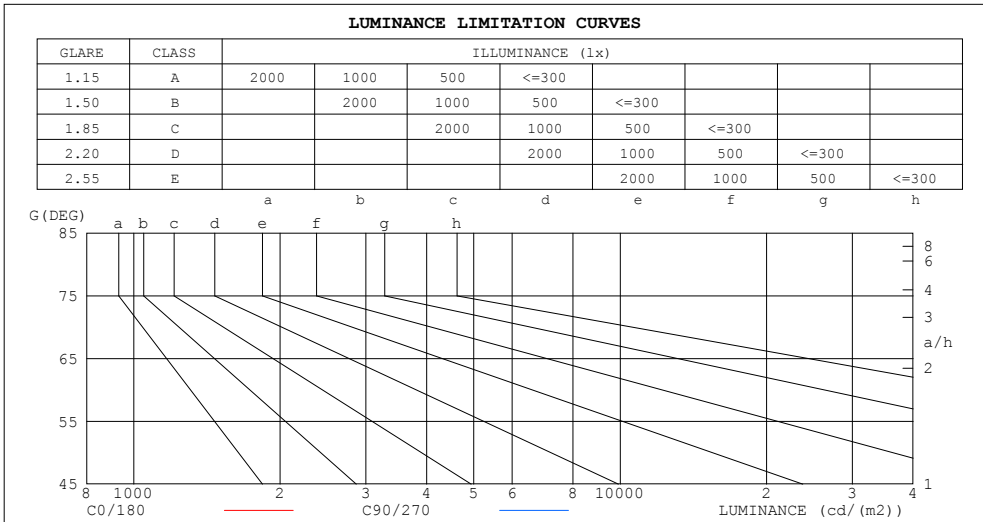
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	318.1	317.7	317.7	318.2	319.0	319.5	319.5	319.0	0- 10	30.62	30.62	3.06,3.06
20	304.2	303.5	303.7	304.7	306.2	307.3	307.3	306.0	10- 20	88.45	119.1	11.9,11.9
30	280.6	279.8	280.4	282.0	284.2	286.0	285.9	283.6	20- 30	136.2	255.2	25.5,25.5
40	247.3	246.4	247.6	250.1	253.0	255.3	254.8	251.3	30- 40	167.7	422.9	42.3,42.3
50	203.9	203.2	205.2	208.9	212.7	215.2	214.0	209.1	40- 50	178.2	601.1	60.1,60.1
60	151.1	150.6	153.7	158.7	163.5	166.3	163.9	157.4	50- 60	165.0	766.0	76.6,76.6
70	91.03	90.88	94.79	101.3	107.0	109.3	105.7	97.48	60- 70	128.1	894.1	89.4,89.4
80	31.85	32.31	36.43	42.82	48.05	49.69	43.94	37.84	70- 80	73.30	967.4	96.7,96.7
90	1.780	2.248	0.6277	4.900	5.905	7.220	2.180	3.687	80- 90	20.73	988.2	98.8,98.8
100	0.9593	0.9302	0.9634	0.9513	0.8667	0.8522	0.8104	0.7976	90-100	1.551	989.7	99,99
110	1.249	1.315	1.403	1.301	1.042	1.164	1.229	1.169	100-110	1.104	990.8	99.1,99.1
120	1.676	1.687	1.821	1.746	1.541	1.663	1.674	1.613	110-120	1.440	992.3	99.2,99.2
130	2.141	2.183	2.236	2.212	2.041	2.138	2.092	2.034	120-130	1.715	994.0	99.4,99.4
140	2.516	2.539	2.584	2.569	2.401	2.545	2.466	2.421	130-140	1.798	995.8	99.6,99.6
150	2.833	2.843	2.880	2.866	2.756	2.859	2.767	2.744	140-150	1.673	997.5	99.7,99.7
160	3.086	3.092	3.098	3.069	3.060	3.066	3.006	2.973	150-160	1.357	998.8	99.9,99.9
170	3.280	3.247	3.219	3.203	3.197	3.230	3.184	3.163	160-170	0.8868	999.7	100,100
180	3.187	3.173	3.122	3.133	3.185	3.169	3.118	3.132	170-180	0.3056	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:2019-12-5

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]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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	39960	50475
80	56583	64820
75	71616	76997
70	82119	85633
65	88883	91328
60	93233	94978
55	96102	97255
50	97882	98661
45	98957	99444

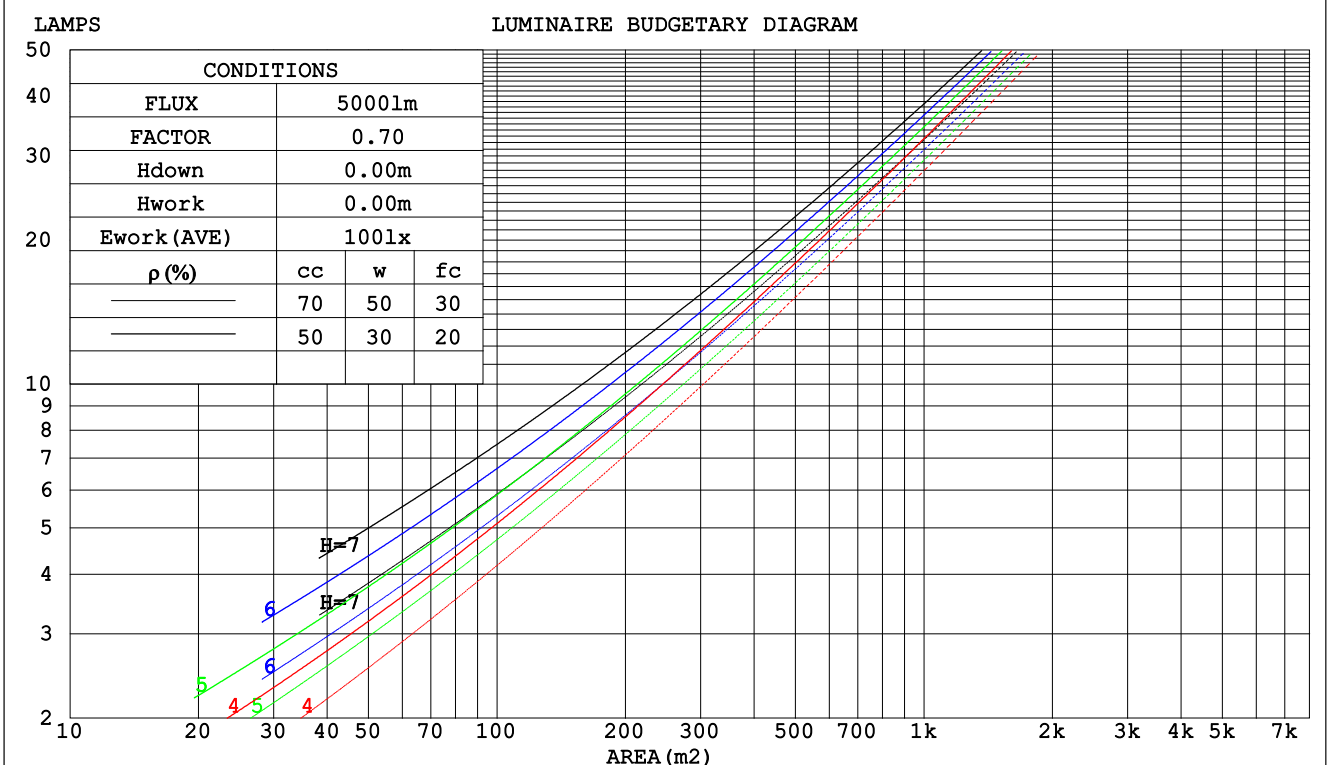
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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	.93	.96	.93	.90	.92	.90	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

WEC AND CCEC

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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	.316	.180	.057	.309	.176	.056	.295	.169	.054	.282	.163	.052	.270	.157	.051	
2.0	.297	.163	.050	.290	.160	.049	.278	.155	.048	.267	.150	.047	.256	.145	.046	
3.0	.274	.146	.044	.268	.144	.043	.257	.140	.042	.247	.135	.042	.238	.132	.041	
4.0	.253	.131	.039	.248	.130	.038	.238	.126	.038	.229	.123	.037	.220	.120	.036	
5.0	.233	.119	.034	.229	.117	.034	.220	.115	.034	.212	.112	.033	.204	.109	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.197	.102	.030	.190	.100	.030	
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.187	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.167	.085	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.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	.190	.165	.143	.162	.142	.123	.111	.098	.085	.064	.056	.049	.020	.018	.016	
2.0	.182	.141	.107	.156	.121	.092	.107	.084	.064	.062	.049	.038	.020	.016	.012	
3.0	.175	.124	.083	.150	.107	.072	.103	.074	.050	.059	.043	.030	.019	.014	.010	
4.0	.167	.110	.067	.143	.095	.058	.099	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.160	.100	.056	.137	.086	.049	.094	.060	.034	.055	.035	.020	.018	.012	.007	
6.0	.152	.092	.048	.131	.079	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.146	.085	.042	.125	.073	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005	
8.0	.139	.079	.038	.120	.069	.033	.083	.048	.023	.048	.028	.014	.016	.009	.005	
9.0	.133	.074	.034	.114	.064	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
10.0	.127	.070	.032	.110	.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:2019-12-5

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]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm										
NAME: UB-IS-62K90C					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	28.6	30.1	28.9	30.4	30.6	28.7	30.2	29.0	30.4	30.7
3H	30.1	31.5	30.4	31.7	32.0	30.2	31.6	30.5	31.9	32.1
4H	30.6	31.9	30.9	32.2	32.5	30.8	32.1	31.1	32.4	32.7
6H	30.9	32.2	31.2	32.5	32.8	31.1	32.4	31.5	32.7	33.0
8H	31.0	32.2	31.3	32.5	32.8	31.2	32.4	31.6	32.7	33.1
12H	31.0	32.1	31.3	32.5	32.8	31.3	32.4	31.6	32.7	33.1
4H 2H	29.2	30.6	29.6	30.8	31.1	29.3	30.6	29.6	30.9	31.2
3H	30.8	32.0	31.2	32.3	32.7	30.9	32.1	31.3	32.4	32.8
4H	31.5	32.5	31.9	32.9	33.2	31.6	32.7	32.0	33.0	33.4
6H	31.9	32.8	32.3	33.2	33.6	32.1	33.0	32.5	33.4	33.8
8H	32.0	32.9	32.4	33.2	33.7	32.2	33.1	32.7	33.5	33.9
12H	32.0	32.8	32.5	33.2	33.7	32.3	33.1	32.7	33.5	34.0
8H 4H	31.7	32.6	32.1	33.0	33.4	31.8	32.7	32.3	33.1	33.5
6H	32.2	32.9	32.7	33.4	33.8	32.4	33.1	32.9	33.6	34.0
8H	32.4	33.0	32.8	33.5	33.9	32.6	33.3	33.1	33.7	34.2
12H	32.5	33.0	33.0	33.5	34.0	32.7	33.3	33.2	33.8	34.3
12H 4H	31.7	32.5	32.1	32.9	33.3	31.8	32.6	32.3	33.0	33.5
6H	32.2	32.9	32.7	33.3	33.8	32.4	33.1	32.9	33.5	34.0
8H	32.4	33.0	32.9	33.5	34.0	32.7	33.2	33.2	33.7	34.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 3089 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.9)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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

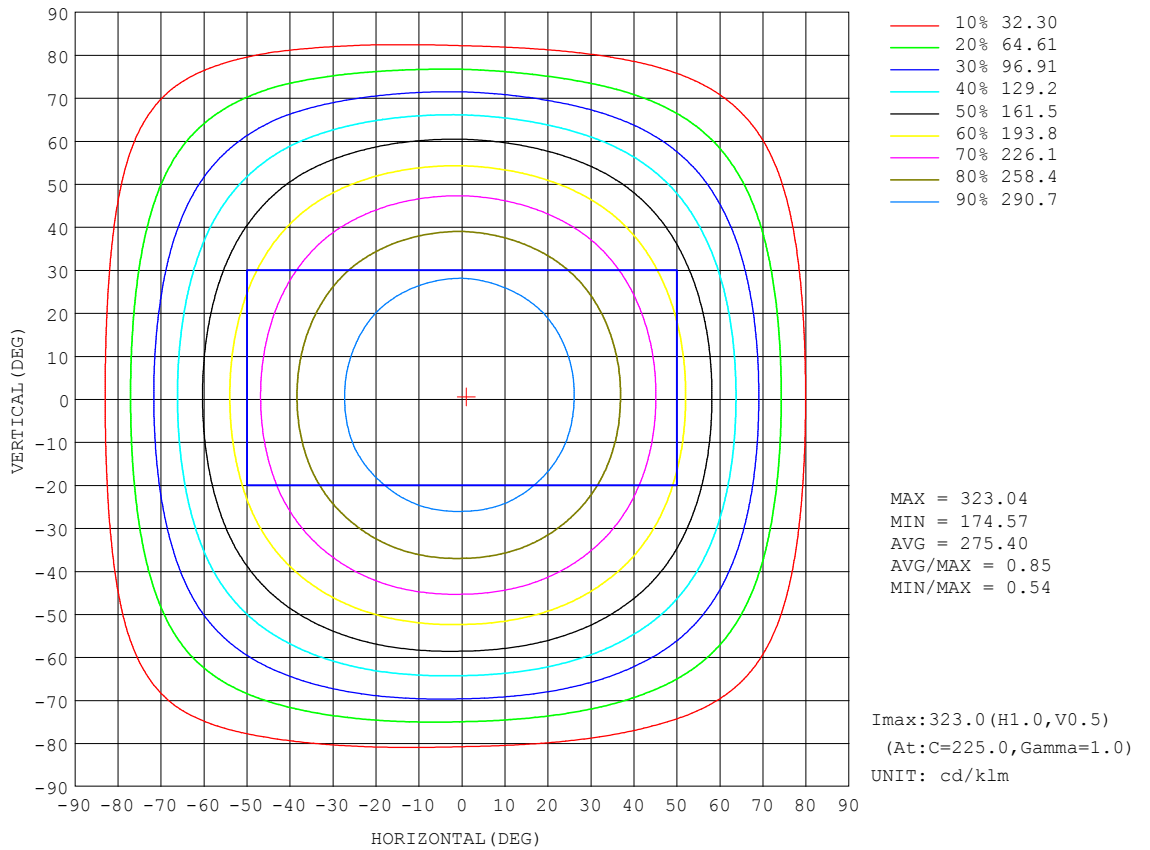
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
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:2019-12-5

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]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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

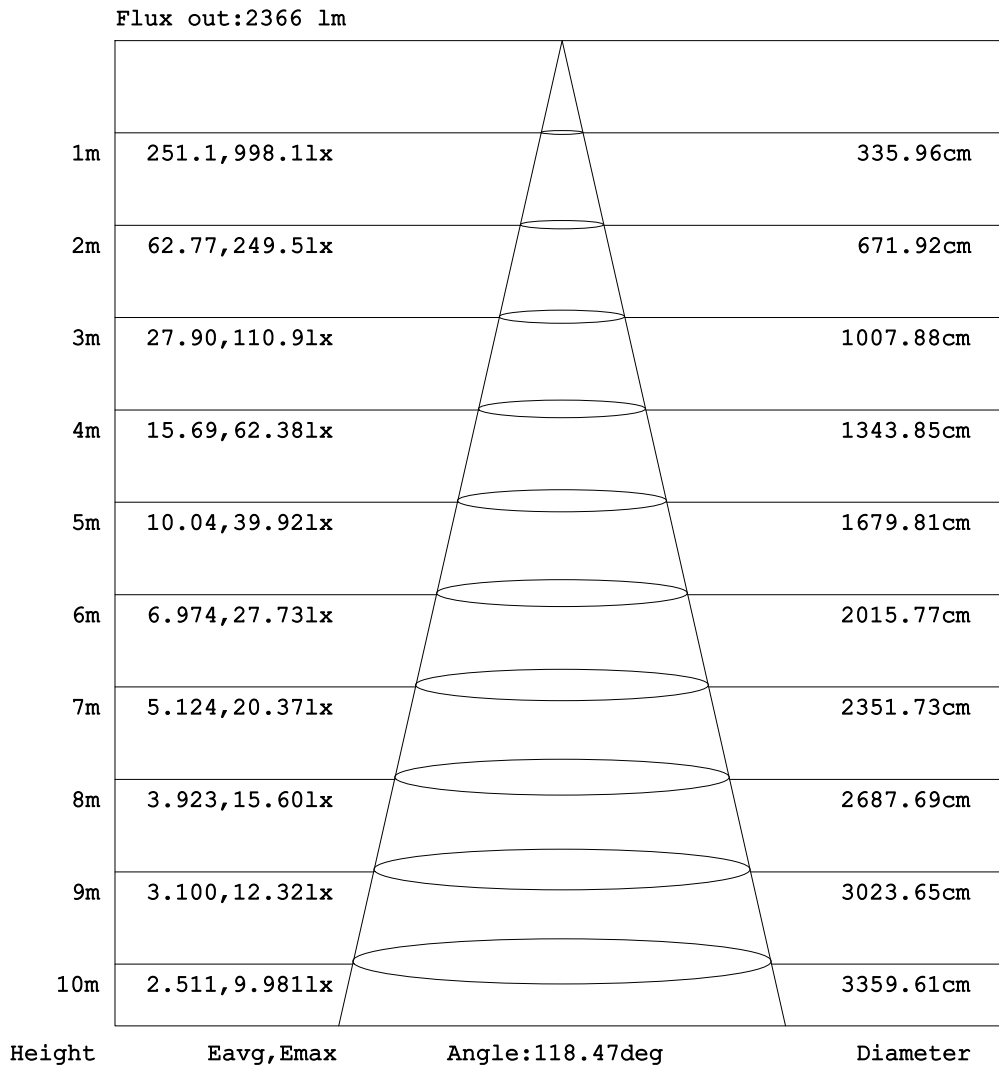


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

AAI Figure

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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



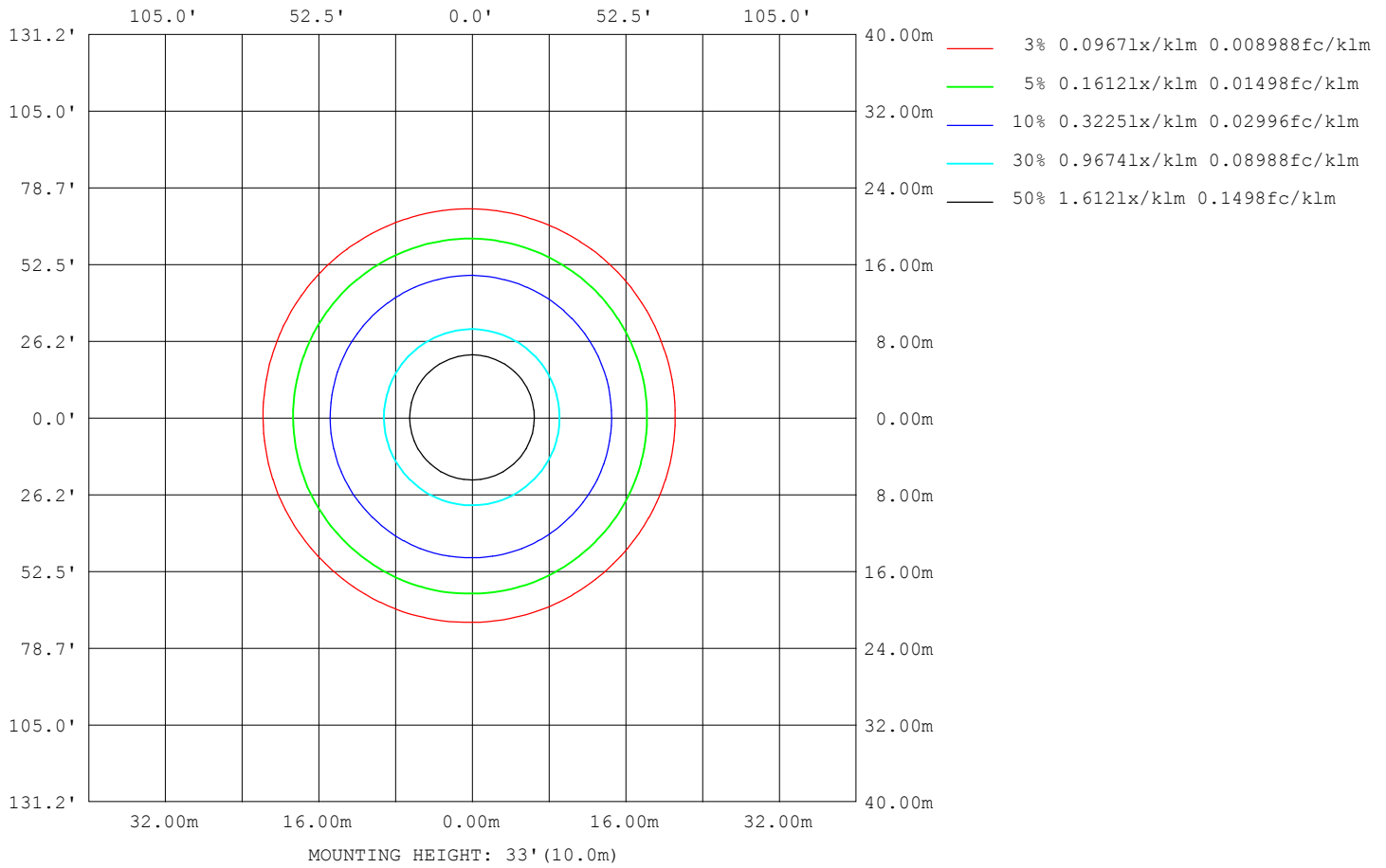
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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:2019-12-5

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]
 Remarks:

LED Avg.L Report

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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

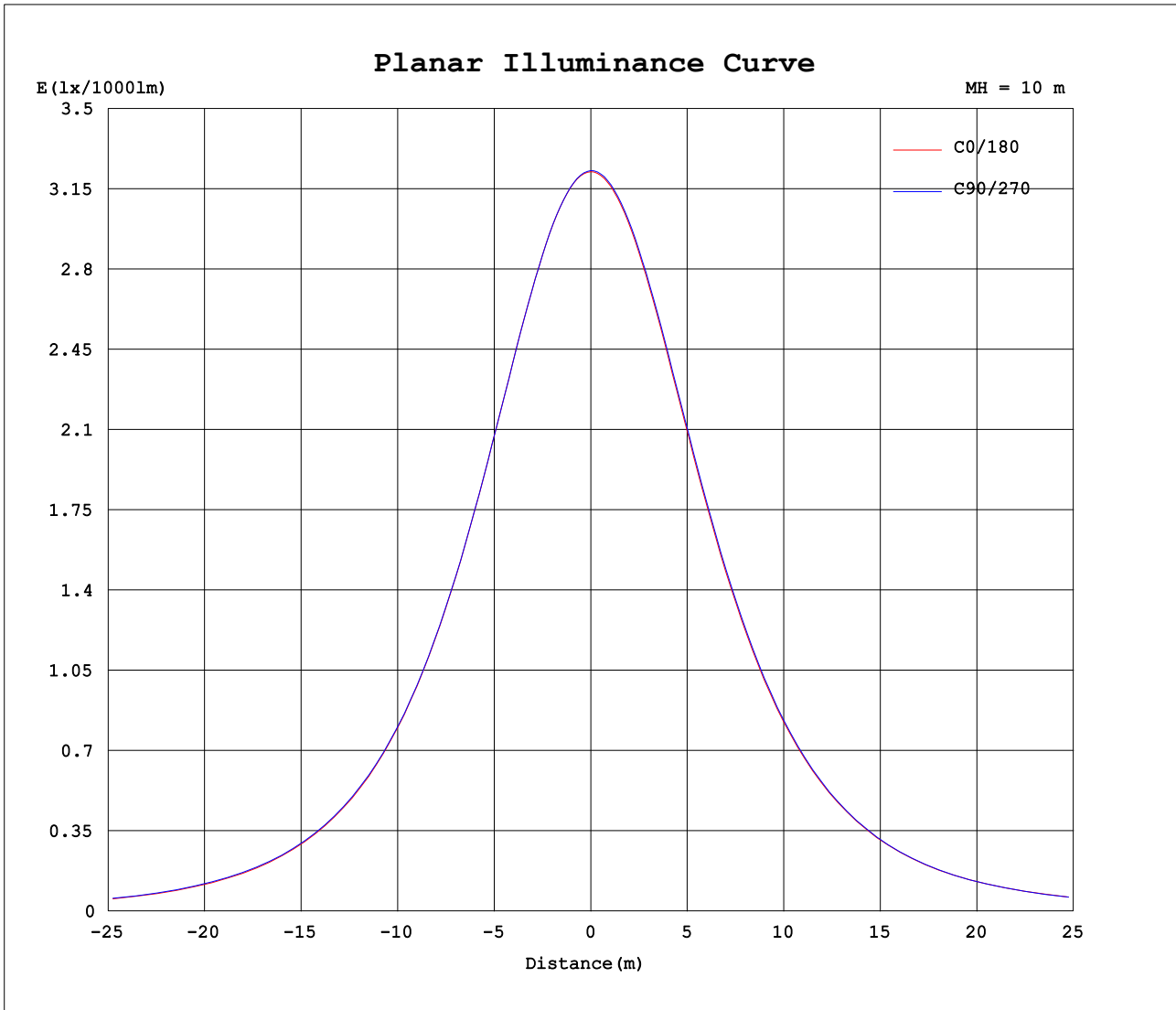
AvgL	cd/m2
L_0~180 (65) av	94196
L_0~180 (75) av	82025
L_0~180 (85) av	60427
L_90~270 (65) av	95220
L_90~270 (75) av	83362
L_90~270 (85) av	60049
L_45 (65) av	94811
L_45 (75) av	82864
L_45 (85) av	62478

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-5

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]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Test Date: 2019-12-5

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]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.9200A P:22.080W PF:1.0000 Freq:0Hz Lamp Flux:3089x1 lm		
NAME: UB-IS-62K90C	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

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	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323	323			
5	322	322	321	321	321	322	322	322	322	322	322	322	322	322	322	322			
10	318	318	318	318	318	318	318	319	319	319	319	319	320	319	319	318			
15	312	312	312	312	312	312	313	313	314	314	315	315	315	314	314	313			
20	304	304	304	304	304	304	305	306	306	307	307	307	307	307	306	305			
25	294	293	293	293	293	294	295	296	296	297	298	298	298	297	296	294			
30	281	280	280	280	280	281	282	284	284	285	286	286	286	285	284	282			
35	265	265	264	265	265	266	267	269	270	271	272	272	272	270	269	266			
40	247	247	246	247	248	249	250	252	253	254	255	255	255	253	251	249			
45	227	226	226	227	228	229	231	233	234	235	236	236	236	233	231	228			
50	204	204	203	205	205	208	209	211	213	214	215	215	214	211	209	206			
55	179	178	178	180	181	183	185	188	189	190	192	191	190	187	184	181			
60	151	151	151	152	154	157	159	162	164	165	166	165	164	160	157	153			
65	122	122	121	124	125	129	131	134	136	137	139	137	136	132	128	124			
70	91.0	90.9	90.9	93.1	94.8	98.7	101	105	107	108	109	108	106	101	97.5	93.2			
75	60.1	59.9	60.4	62.4	64.5	68.4	71.3	75.2	77.4	78.6	79.5	76.6	75.2	70.2	66.5	62.4			
80	31.8	32.1	32.3	34.7	36.4	39.9	42.8	46.3	48.1	49.4	49.7	47.7	43.9	41.1	37.8	33.7			
85	11.3	11.4	11.6	13.2	14.2	17.1	18.9	21.6	22.8	23.8	24.4	22.7	19.6	17.9	15.7	12.8			
90	1.78	2.05	2.25	2.66	0.63	4.18	4.90	5.84	5.91	6.58	7.22	6.69	2.18	4.66	3.69	2.39			
95	0.85	0.91	0.96	0.83	0.75	0.94	1.32	1.45	1.09	1.08	1.21	1.12	0.63	0.87	0.87	0.82			
100	0.96	0.96	0.93	0.95	0.96	0.94	0.95	1.00	0.87	0.90	0.85	0.79	0.81	0.80	0.80	0.84			
105	1.06	1.07	1.12	1.16	1.19	1.15	1.09	1.04	0.90	0.92	0.95	1.00	1.01	0.99	0.97	0.94			
110	1.25	1.27	1.31	1.36	1.40	1.37	1.30	1.22	1.04	1.09	1.16	1.23	1.23	1.19	1.17	1.11			
115	1.45	1.48	1.50	1.57	1.61	1.59	1.52	1.44	1.28	1.34	1.41	1.46	1.45	1.41	1.39	1.34			
120	1.68	1.70	1.69	1.78	1.82	1.81	1.75	1.67	1.54	1.60	1.66	1.69	1.67	1.63	1.61	1.62			
125	1.92	1.94	1.97	2.00	2.04	2.04	1.99	1.93	1.88	1.85	1.91	1.92	1.89	1.84	1.83	1.86			
130	2.14	2.16	2.18	2.20	2.24	2.25	2.21	2.16	2.04	2.06	2.14	2.12	2.09	2.05	2.03	2.06			
135	2.33	2.35	2.37	2.39	2.41	2.43	2.40	2.36	2.21	2.37	2.35	2.32	2.29	2.24	2.23	2.26			
140	2.52	2.52	2.54	2.57	2.58	2.60	2.57	2.54	2.40	2.50	2.54	2.51	2.47	2.43	2.42	2.45			
145	2.68	2.69	2.70	2.74	2.74	2.74	2.72	2.71	2.58	2.63	2.75	2.67	2.63	2.59	2.59	2.62			
150	2.83	2.84	2.84	2.89	2.88	2.88	2.87	2.84	2.76	2.72	2.86	2.84	2.77	2.74	2.74	2.79			
155	2.97	2.96	2.98	2.99	3.00	2.99	2.97	2.94	2.90	2.86	2.96	2.96	2.89	2.86	2.86	2.91			
160	3.09	3.08	3.09	3.10	3.10	3.07	3.07	3.08	3.06	2.99	3.07	3.04	3.01	2.97	2.97	3.02			
165	3.19	3.18	3.18	3.17	3.17	3.14	3.14	3.17	3.15	3.09	3.16	3.13	3.11	3.08	3.07	3.12			
170	3.28	3.24	3.25	3.21	3.22	3.19	3.20	3.26	3.20	3.18	3.23	3.20	3.18	3.16	3.16	3.22			
175	3.29	3.23	3.24	3.21	3.23	3.22	3.24	3.28	3.16	3.14	3.17	3.14	3.11	3.10	3.11	3.16			
180	3.19	3.14	3.17	3.14	3.12	3.11	3.13	3.16	3.18	3.14	3.17	3.13	3.12	3.11	3.13	3.16			

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