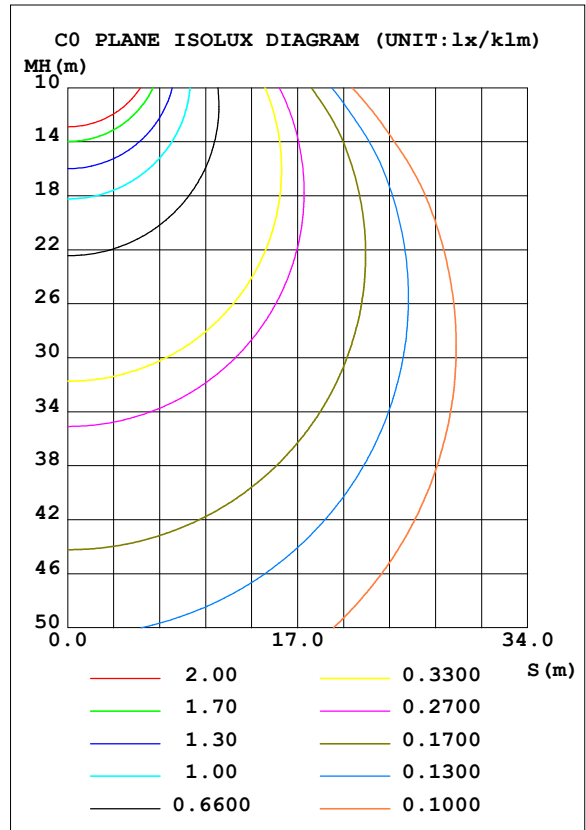
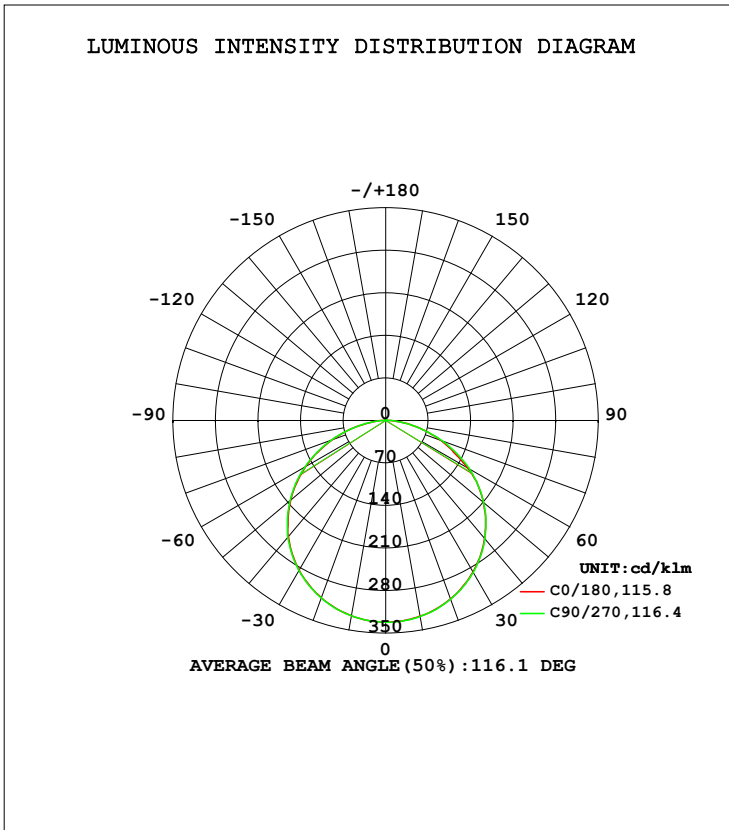


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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: 75.77 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	332.0	S/MH(C0/180)	1.28
NOMINAL POWER(W)	11.5416	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.00	η UP, DN(C0-180)	0.6,49.8
NOMINAL FLUX(lm)	874.498	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:2019-10-11

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:

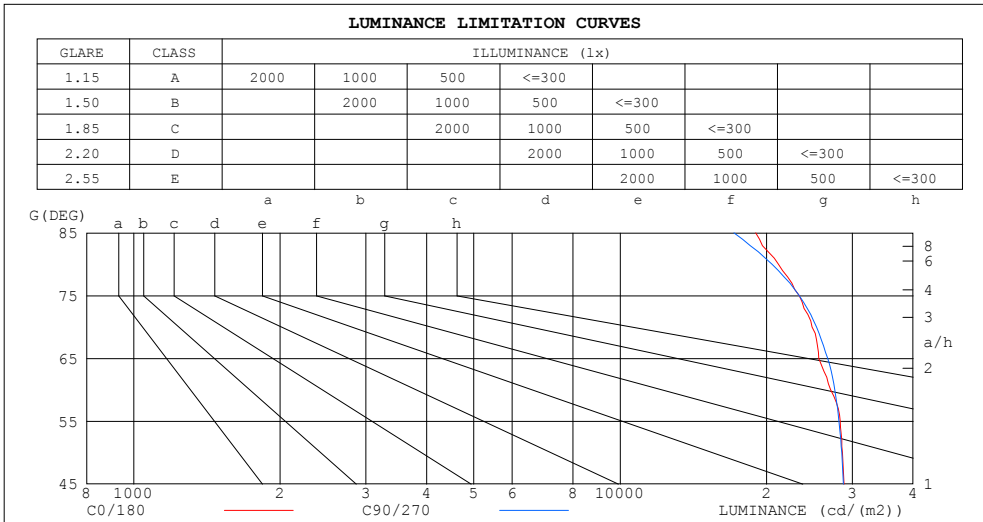
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	327.1	327.5	327.4	326.7	326.2	325.9	326.4	326.8	0- 10	31.43	31.43	3.14,3.14
20	312.4	313.2	313.0	311.4	310.5	310.0	310.8	311.8	10- 20	90.49	121.9	12.2,12.2
30	287.7	288.9	288.6	286.1	284.8	284.4	285.4	287.0	20- 30	138.5	260.4	26,26
40	253.3	254.9	254.1	251.0	249.6	249.3	250.6	252.7	30- 40	169.2	429.6	43,43
50	210.1	212.1	210.6	207.0	204.2	204.1	205.5	208.5	40- 50	178.0	607.6	60.8,60.8
60	154.4	160.7	158.7	154.7	152.2	152.2	153.7	157.3	50- 60	163.3	770.9	77.1,77.1
70	96.87	102.6	99.57	95.68	94.10	94.21	95.60	99.78	60- 70	125.7	896.6	89.7,89.7
80	41.93	44.30	40.91	38.07	36.80	37.33	37.92	42.15	70- 80	71.96	968.6	96.9,96.9
90	4.668	5.007	1.205	3.794	3.606	3.782	0.4218	4.816	80- 90	20.31	988.9	98.9,98.9
100	1.038	0.8441	0.8706	0.8690	0.8059	0.7523	0.7512	0.6818	90-100	1.574	990.4	99,99
110	1.140	1.180	1.304	1.279	1.062	1.149	1.165	1.025	100-110	1.023	991.5	99.1,99.1
120	1.527	1.540	1.710	1.709	1.429	1.581	1.562	1.408	110-120	1.346	992.8	99.3,99.3
130	1.914	1.976	2.087	2.088	1.844	1.997	1.955	1.810	120-130	1.576	994.4	99.4,99.4
140	2.293	2.328	2.428	2.431	2.239	2.369	2.317	2.189	130-140	1.659	996.0	99.6,99.6
150	2.637	2.644	2.697	2.734	2.589	2.684	2.610	2.528	140-150	1.557	997.6	99.8,99.8
160	2.924	2.892	2.906	2.942	2.845	2.884	2.818	2.779	150-160	1.275	998.9	99.9,99.9
170	3.088	3.060	3.023	3.069	3.060	3.060	2.991	2.982	160-170	0.8362	999.7	100,100
180	3.136	3.136	3.091	3.109	3.136	3.136	3.087	3.101	170-180	0.2920	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:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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	18989	17141
80	21156	20512
75	23341	23333
70	24815	25349
65	25605	26707
60	27061	27637
55	28318	28168
50	28638	28534
45	28845	28750

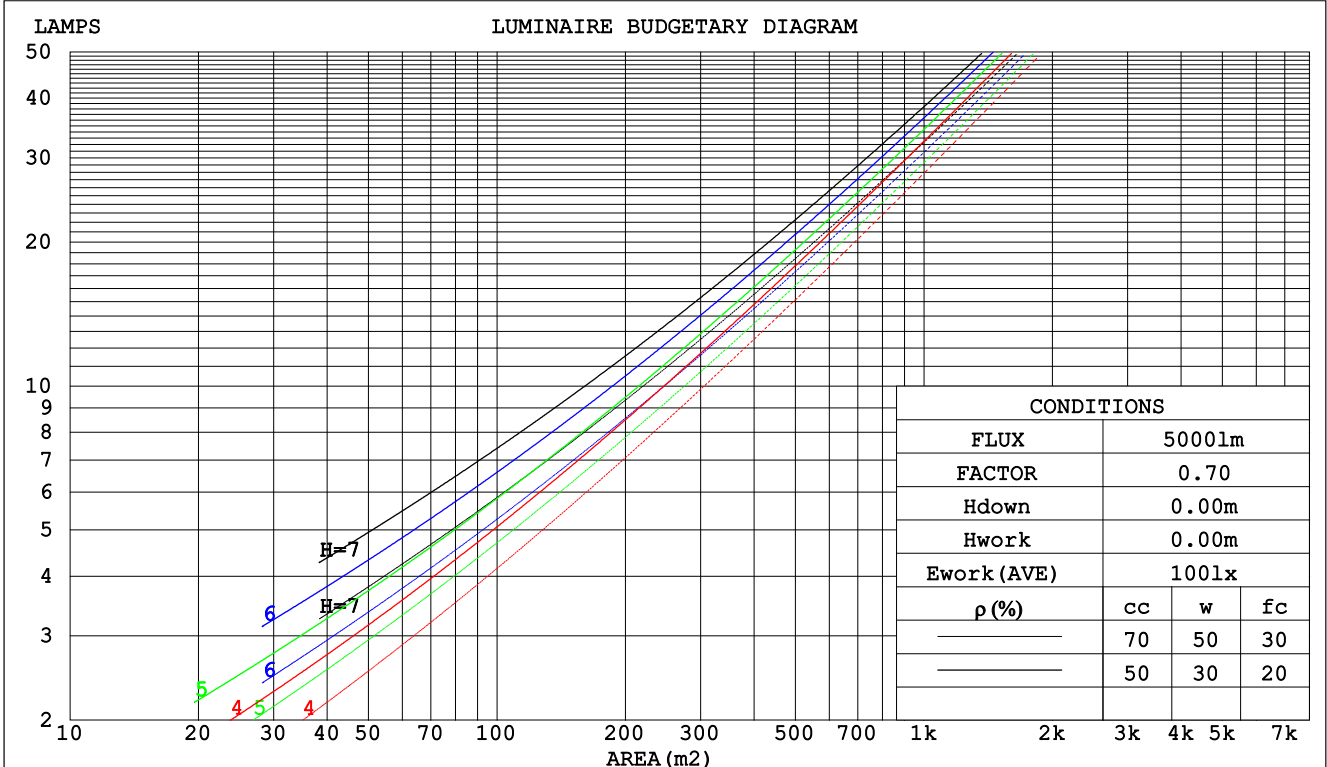
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7.0	.50	.42	.35	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.25	.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:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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	.314	.179	.057	.307	.175	.056	.293	.168	.054	.280	.161	.052	.268	.155	.050	
2.0	.295	.162	.050	.288	.159	.049	.276	.154	.048	.265	.149	.046	.254	.144	.045	
3.0	.273	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.041	
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.091	.026	.183	.090	.026	.177	.089	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.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	.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	.143	.095	.058	.098	.066	.041	.057	.039	.024	.018	.013	.008	
5.0	.159	.099	.056	.136	.086	.048	.094	.060	.034	.054	.035	.020	.018	.012	.007	
6.0	.152	.091	.048	.130	.079	.042	.090	.055	.029	.052	.032	.017	.017	.011	.006	
7.0	.145	.084	.042	.124	.073	.036	.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	.073	.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:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm										
NAME: UB-AT1-50K95C					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	25.0	26.5	25.3	26.8	27.0	25.0	26.5	25.3	26.8	27.0
3H	26.6	28.0	26.9	28.2	28.5	26.6	28.0	26.9	28.3	28.5
4H	27.2	28.5	27.5	28.8	29.1	27.2	28.5	27.5	28.8	29.1
6H	27.6	28.9	28.0	29.2	29.5	27.6	28.9	28.0	29.2	29.5
8H	27.8	29.0	28.1	29.3	29.6	27.8	29.0	28.1	29.3	29.6
12H	27.9	29.0	28.2	29.4	29.7	27.8	29.0	28.2	29.3	29.6
4H 2H	25.7	27.0	26.0	27.3	27.6	25.7	27.0	26.0	27.3	27.6
3H	27.4	28.6	27.8	28.9	29.2	27.4	28.6	27.8	28.9	29.3
4H	28.2	29.3	28.6	29.6	30.0	28.2	29.2	28.6	29.6	29.9
6H	28.8	29.7	29.2	30.1	30.5	28.7	29.7	29.1	30.1	30.4
8H	29.0	29.8	29.4	30.2	30.6	28.9	29.8	29.3	30.2	30.6
12H	29.1	29.9	29.5	30.3	30.7	29.0	29.8	29.5	30.2	30.7
8H 4H	28.5	29.4	28.9	29.8	30.2	28.5	29.4	28.9	29.7	30.2
6H	29.2	30.0	29.7	30.4	30.8	29.2	29.9	29.6	30.3	30.8
8H	29.5	30.2	30.0	30.6	31.1	29.4	30.1	29.9	30.5	31.0
12H	29.7	30.3	30.2	30.8	31.3	29.6	30.2	30.1	30.7	31.2
12H 4H	28.5	29.3	28.9	29.7	30.1	28.5	29.3	28.9	29.7	30.1
6H	29.3	29.9	29.8	30.4	30.9	29.2	29.9	29.7	30.3	30.8
8H	29.6	30.2	30.1	30.6	31.1	29.6	30.1	30.1	30.6	31.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 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, 874.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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

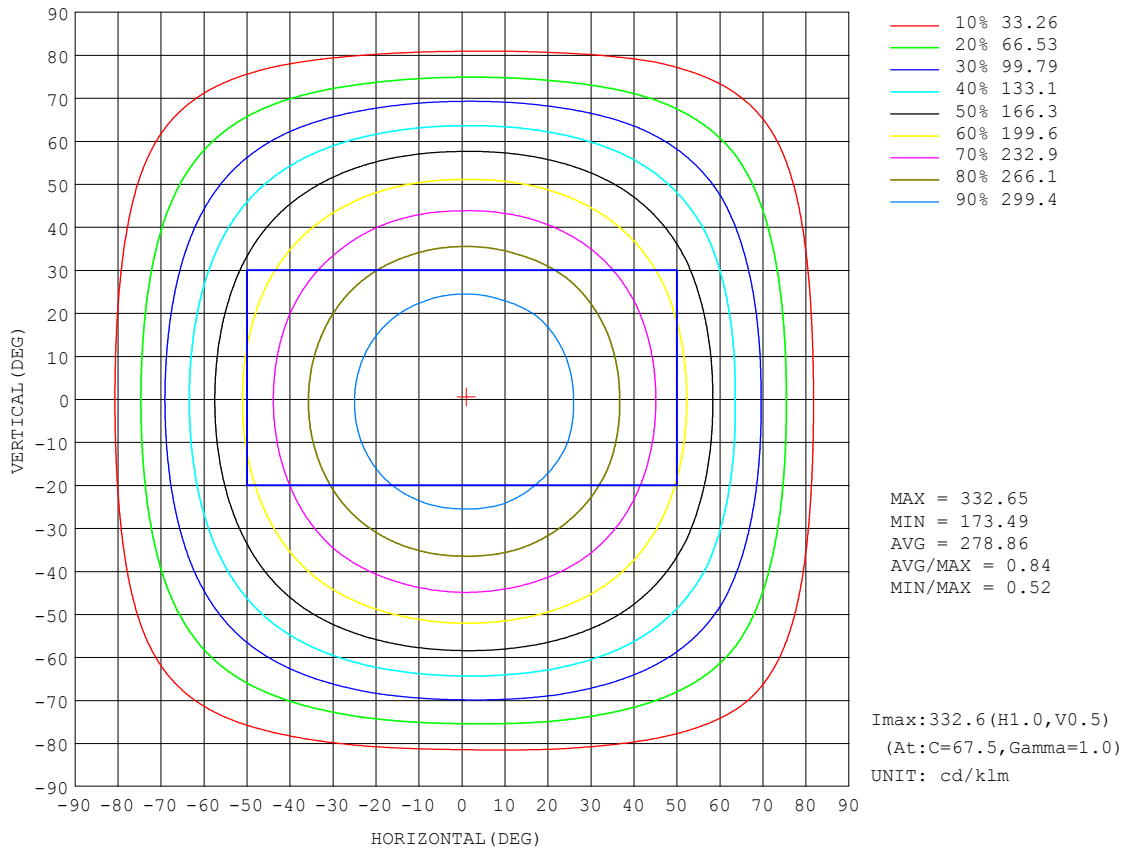
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	54	44	37	31
0.80	67	55	47	65	54	47	64	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	102	95	89	99	93	88	95	90	85	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:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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

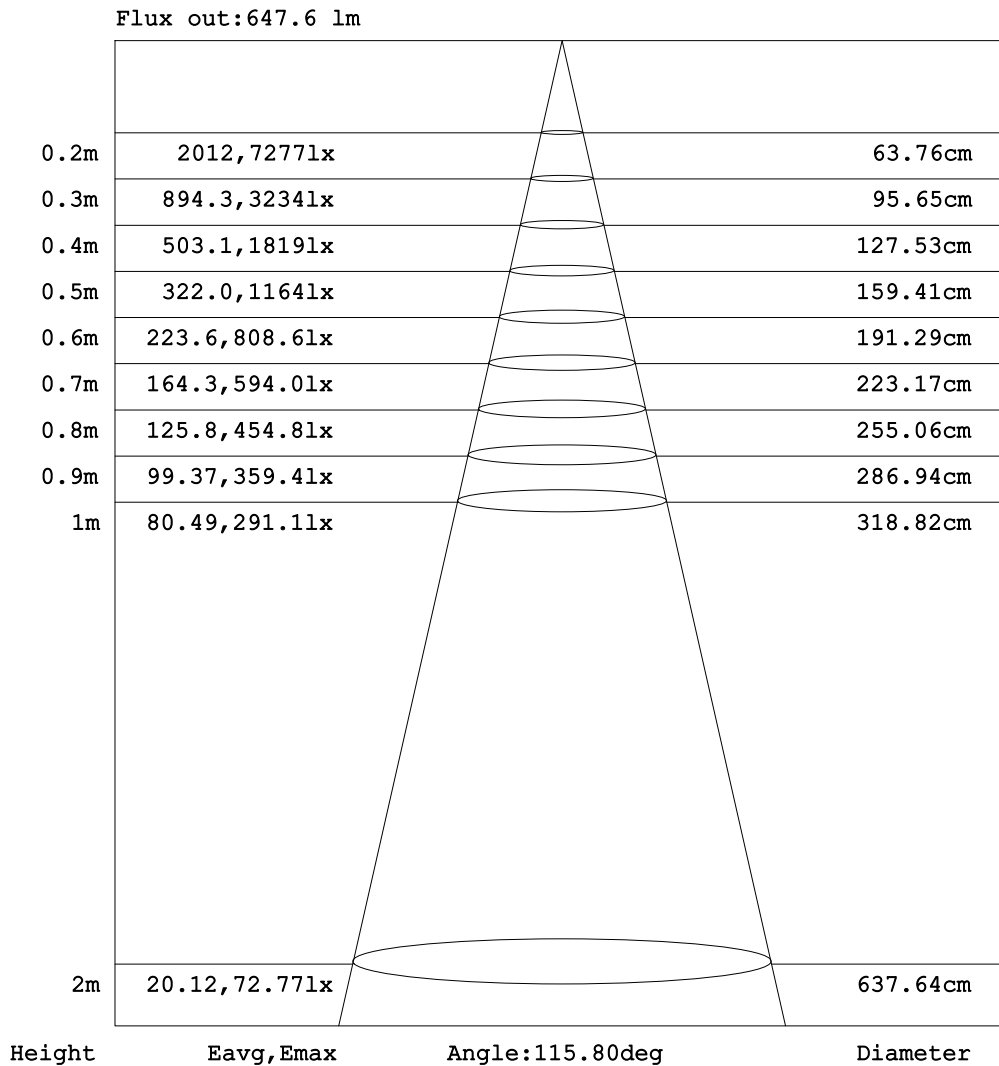


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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



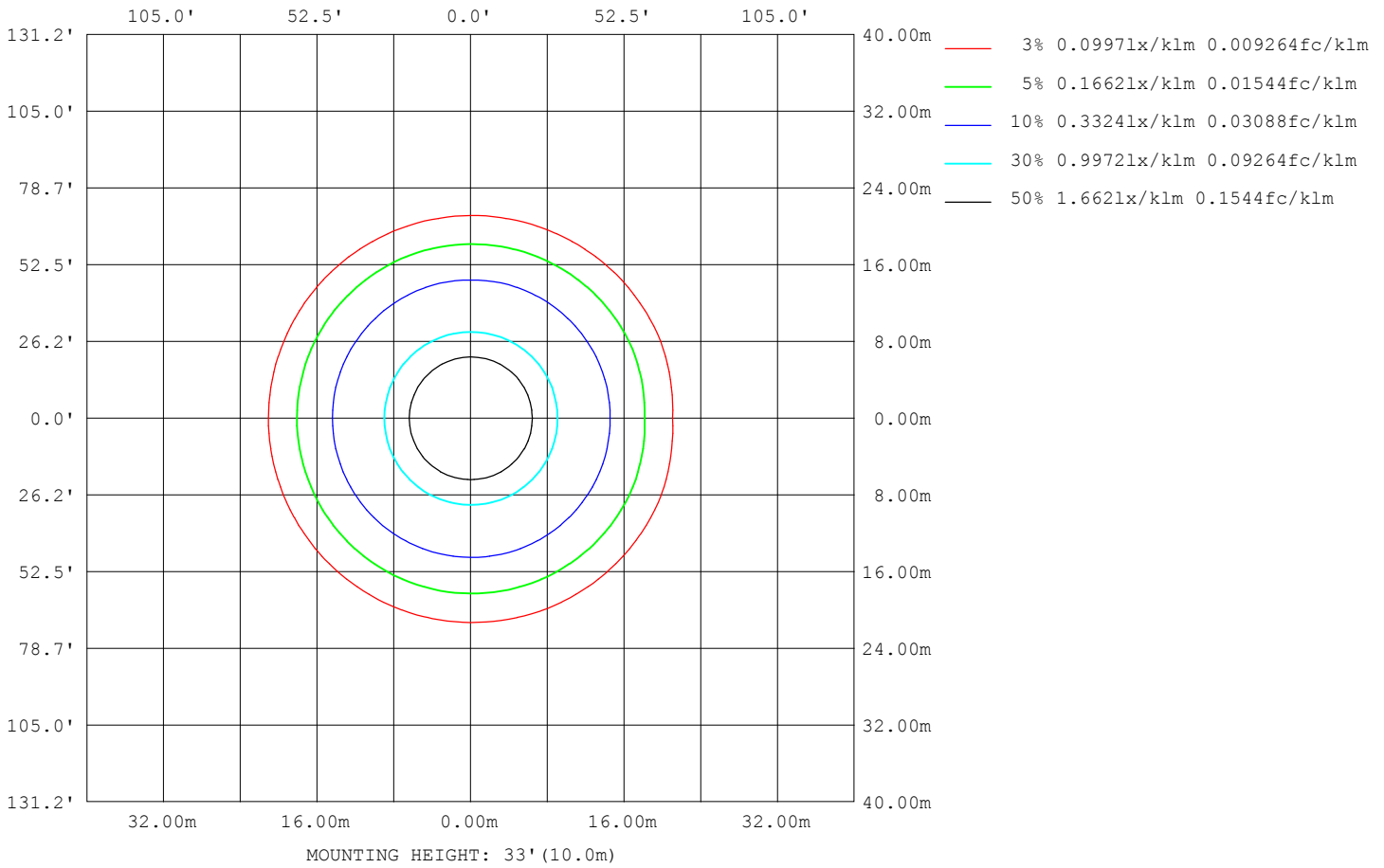
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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:2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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

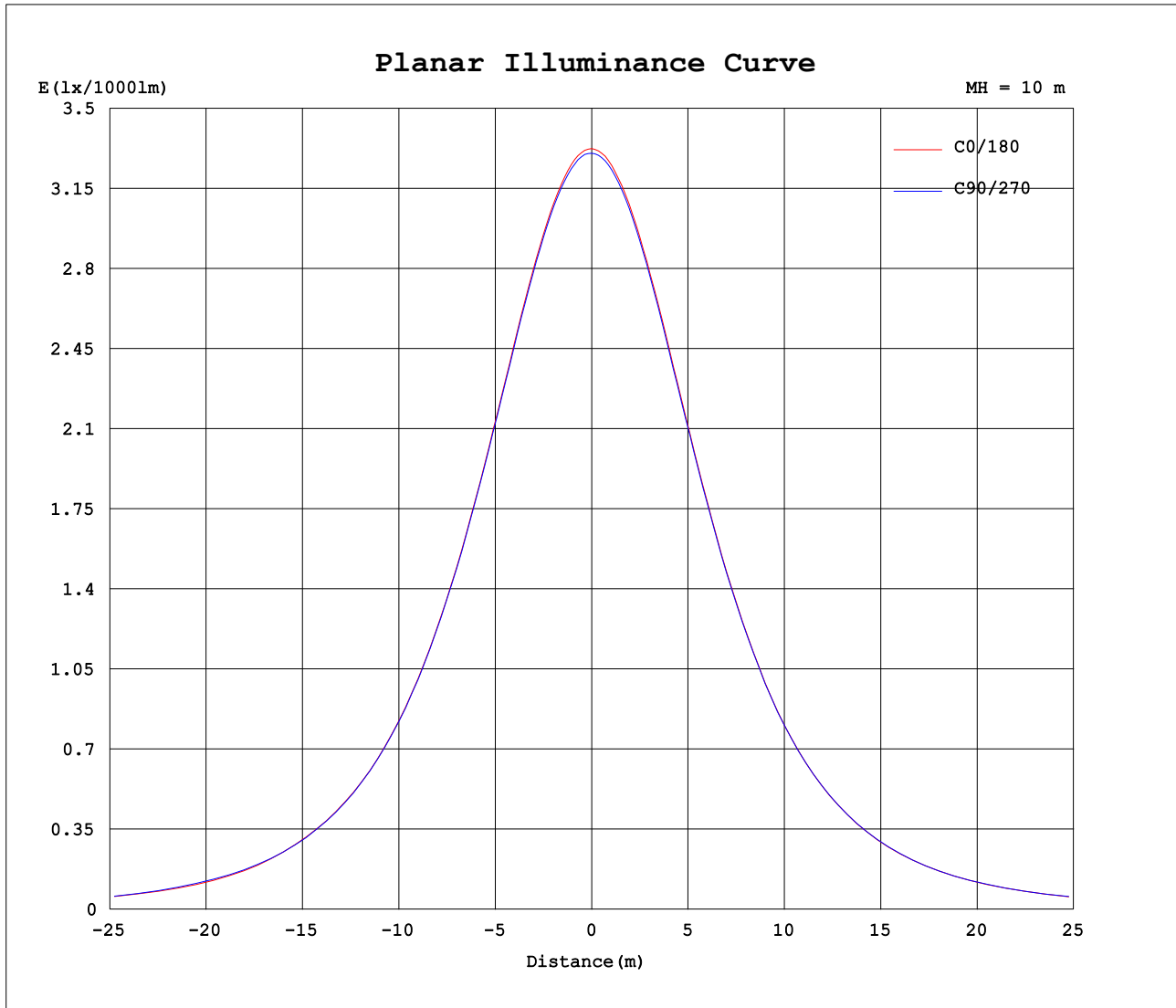
AvgL	cd/m2
L_0~180 (65) av	25569
L_0~180 (75) av	22551
L_0~180 (85) av	16853
L_90~270 (65) av	26364
L_90~270 (75) av	22844
L_90~270 (85) av	15660
L_45 (65) av	26420
L_45 (75) av	23106
L_45 (85) av	17688

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-10-11

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: 2019-10-11

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:0.4809A P:11.54W PF:1.000 Freq:0Hz Lamp Flux:874.498x1 lm		
NAME: UB-AT1-50K95C	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	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332	332			
5	331	331	331	331	331	331	330	330	330	330	330	330	330	330	331	330			
10	327	328	327	328	327	327	327	326	326	326	326	326	326	326	327	327			
15	321	322	322	322	321	321	320	320	320	319	319	319	320	320	321	321			
20	312	313	313	314	313	313	311	311	310	310	310	310	311	311	312	312			
25	301	302	302	303	302	301	300	299	299	298	298	298	299	299	301	301			
30	288	289	289	289	289	288	286	285	285	284	284	284	285	286	287	287			
35	272	273	273	274	272	272	270	269	268	267	268	268	269	270	271	271			
40	253	255	255	256	254	253	251	250	250	248	249	249	251	251	253	253			
45	233	234	235	234	233	231	230	228	227	227	227	228	229	230	231	233			
50	210	211	212	211	211	209	207	205	204	204	204	205	206	208	209	210			
55	185	187	187	187	186	184	182	180	179	179	179	180	181	183	184	185			
60	154	160	161	160	159	157	155	153	152	152	152	153	154	156	157	159			
65	124	132	132	132	130	128	125	124	124	123	124	124	125	127	129	130			
70	96.9	103	103	102	99.6	98.5	95.7	94.3	94.1	93.4	94.2	94.3	95.6	97.2	99.8	101			
75	69.0	73.2	72.7	72.0	69.4	68.3	65.9	64.5	64.5	63.9	64.7	64.6	65.9	67.4	70.2	71.4			
80	41.9	44.4	44.3	43.6	40.9	40.2	38.1	37.0	36.8	36.4	37.3	37.0	37.9	39.4	42.2	42.2			
85	18.9	19.6	20.5	19.7	17.2	17.3	15.9	15.0	14.7	14.7	15.4	15.0	14.1	16.8	18.8	19.2			
90	4.67	5.27	5.01	4.34	1.20	3.50	3.79	3.80	3.61	3.72	3.78	2.92	0.42	3.44	4.82	5.11			
95	1.52	1.62	1.42	0.78	0.66	0.74	1.12	1.36	1.36	1.38	1.07	0.62	0.58	0.68	1.24	1.47			
100	1.04	0.95	0.84	0.86	0.87	0.89	0.87	0.92	0.81	0.78	0.75	0.74	0.75	0.70	0.68	0.81			
105	0.95	0.95	0.98	1.07	1.09	1.11	1.07	1.04	0.89	0.88	0.94	0.95	0.95	0.88	0.84	0.76			
110	1.14	1.15	1.18	1.28	1.30	1.33	1.28	1.26	1.06	1.07	1.15	1.16	1.16	1.09	1.02	0.92			
115	1.34	1.35	1.36	1.47	1.50	1.53	1.48	1.46	1.23	1.28	1.38	1.36	1.37	1.27	1.22	1.13			
120	1.53	1.54	1.54	1.67	1.71	1.74	1.71	1.67	1.43	1.49	1.58	1.58	1.56	1.46	1.41	1.35			
125	1.72	1.74	1.76	1.86	1.90	1.93	1.89	1.87	1.64	1.69	1.79	1.79	1.76	1.65	1.61	1.57			
130	1.91	1.95	1.98	2.04	2.09	2.12	2.09	2.07	1.84	1.90	2.00	1.98	1.96	1.85	1.81	1.77			
135	2.11	2.13	2.17	2.23	2.26	2.30	2.28	2.26	2.05	2.11	2.19	2.17	2.15	2.04	2.01	1.97			
140	2.29	2.31	2.33	2.39	2.43	2.45	2.43	2.43	2.24	2.28	2.37	2.35	2.32	2.22	2.19	2.17			
145	2.47	2.48	2.49	2.54	2.56	2.60	2.59	2.59	2.43	2.43	2.54	2.50	2.48	2.39	2.37	2.36			
150	2.64	2.64	2.64	2.68	2.70	2.74	2.73	2.75	2.59	2.59	2.68	2.64	2.61	2.53	2.53	2.53			
155	2.80	2.79	2.79	2.82	2.83	2.86	2.86	2.89	2.72	2.68	2.78	2.76	2.73	2.64	2.66	2.67			
160	2.92	2.90	2.89	2.91	2.91	2.94	2.94	2.98	2.84	2.81	2.88	2.84	2.82	2.76	2.78	2.79			
165	3.02	3.00	2.99	2.99	2.97	3.01	3.01	3.06	2.96	2.90	2.98	2.93	2.91	2.87	2.89	2.93			
170	3.09	3.06	3.06	3.05	3.02	3.05	3.07	3.12	3.06	2.99	3.06	3.01	2.99	2.95	2.98	3.01			
175	3.13	3.09	3.10	3.08	3.07	3.08	3.10	3.13	3.09	3.01	3.08	3.02	3.02	2.99	3.03	3.06			
180	3.14	3.10	3.14	3.10	3.09	3.08	3.11	3.12	3.14	3.08	3.14	3.09	3.09	3.09	3.10	3.12			

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