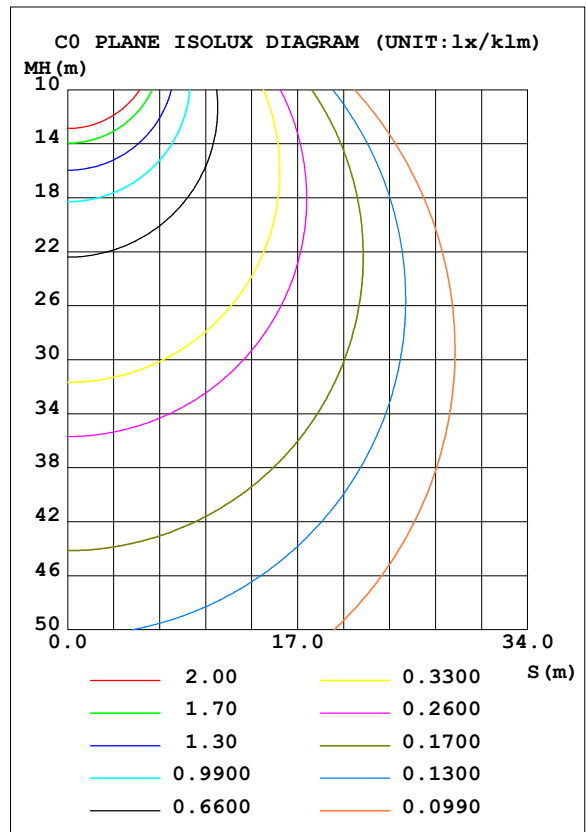
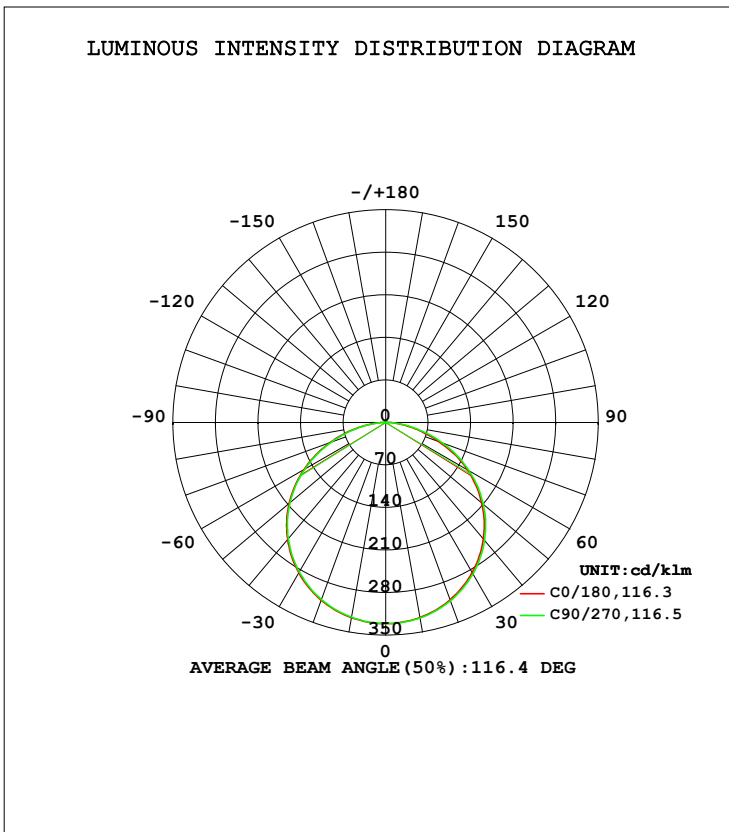


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:24.00V I:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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				Eff: 77.22 lm/W
MODEL	SMD /LED	I <sub>max</sub> (cd/klm)	331.1	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	5.328	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)	411.414	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.5,49.1	
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:

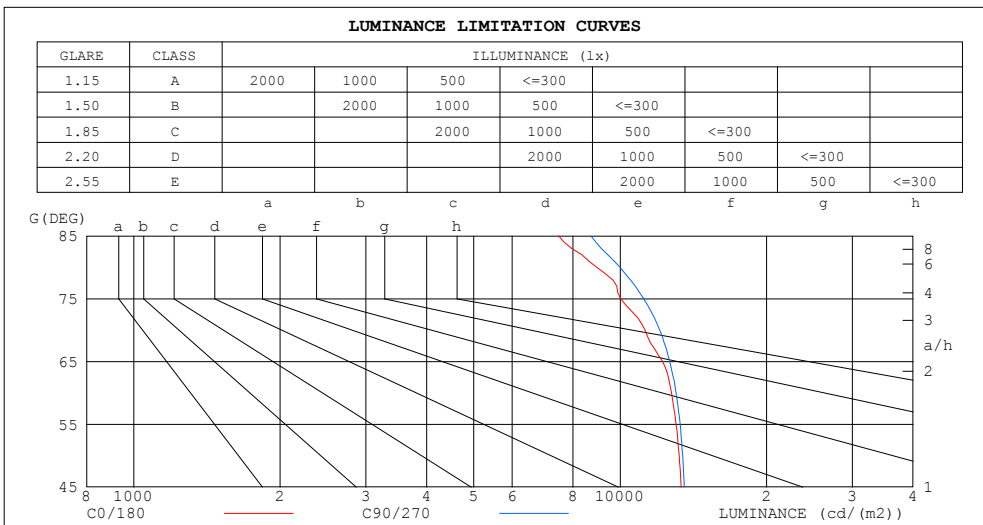
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	325.9	326.3	326.5	326.5	326.2	325.7	325.4	325.7	0- 10	31.36	31.36	3.14,3.14
20	310.4	311.7	312.1	311.8	311.2	310.3	309.8	310.1	10- 20	90.28	121.6	12.2,12.2
30	285.0	286.9	287.6	287.0	286.1	284.9	284.4	285.0	20- 30	138.1	259.8	26,26
40	250.2	252.6	253.3	252.5	251.4	250.0	249.5	250.2	30- 40	168.7	428.5	42.8,42.8
50	206.4	209.2	210.0	209.0	207.7	206.2	205.6	206.8	40- 50	177.8	606.3	60.6,60.6
60	154.8	157.7	158.3	157.3	155.9	154.3	153.7	155.2	50- 60	163.3	769.5	77,77
70	93.39	99.99	100.2	99.33	98.22	96.34	95.67	97.57	60- 70	126.0	895.5	89.6,89.6
80	37.76	42.53	42.16	41.73	41.10	39.60	38.39	40.55	70- 80	72.38	967.9	96.8,96.8
90	4.219	5.017	1.579	4.505	4.274	4.194	0.4081	4.667	80- 90	21.01	988.9	98.9,98.9
100	0.9606	0.8331	0.8407	0.8322	0.7219	0.7059	0.7481	0.6880	90-100	1.614	990.5	99.1,99.1
110	1.129	1.139	1.274	1.222	0.9939	1.105	1.156	1.053	100-110	0.9969	991.5	99.2,99.2
120	1.511	1.504	1.690	1.656	1.393	1.556	1.564	1.444	110-120	1.328	992.8	99.3,99.3
130	1.911	1.996	2.056	2.046	1.818	1.972	1.955	1.852	120-130	1.565	994.4	99.4,99.4
140	2.301	2.320	2.413	2.403	2.209	2.346	2.320	2.225	130-140	1.651	996.1	99.6,99.6
150	2.607	2.626	2.693	2.692	2.557	2.644	2.617	2.548	140-150	1.549	997.6	99.8,99.8
160	2.887	2.864	2.872	2.879	2.829	2.856	2.821	2.786	150-160	1.269	998.9	99.9,99.9
170	3.074	3.009	2.982	3.006	3.041	3.026	2.991	2.998	160-170	0.8297	999.7	100,100
180	3.108	3.119	3.067	3.057	3.117	3.102	3.050	3.083	170-180	0.2891	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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	7469	8699
80	8949	9987
75	10021	11180
70	11238	12056
65	12231	12638
60	12744	13021
55	13029	13280
50	13216	13443
45	13350	13542

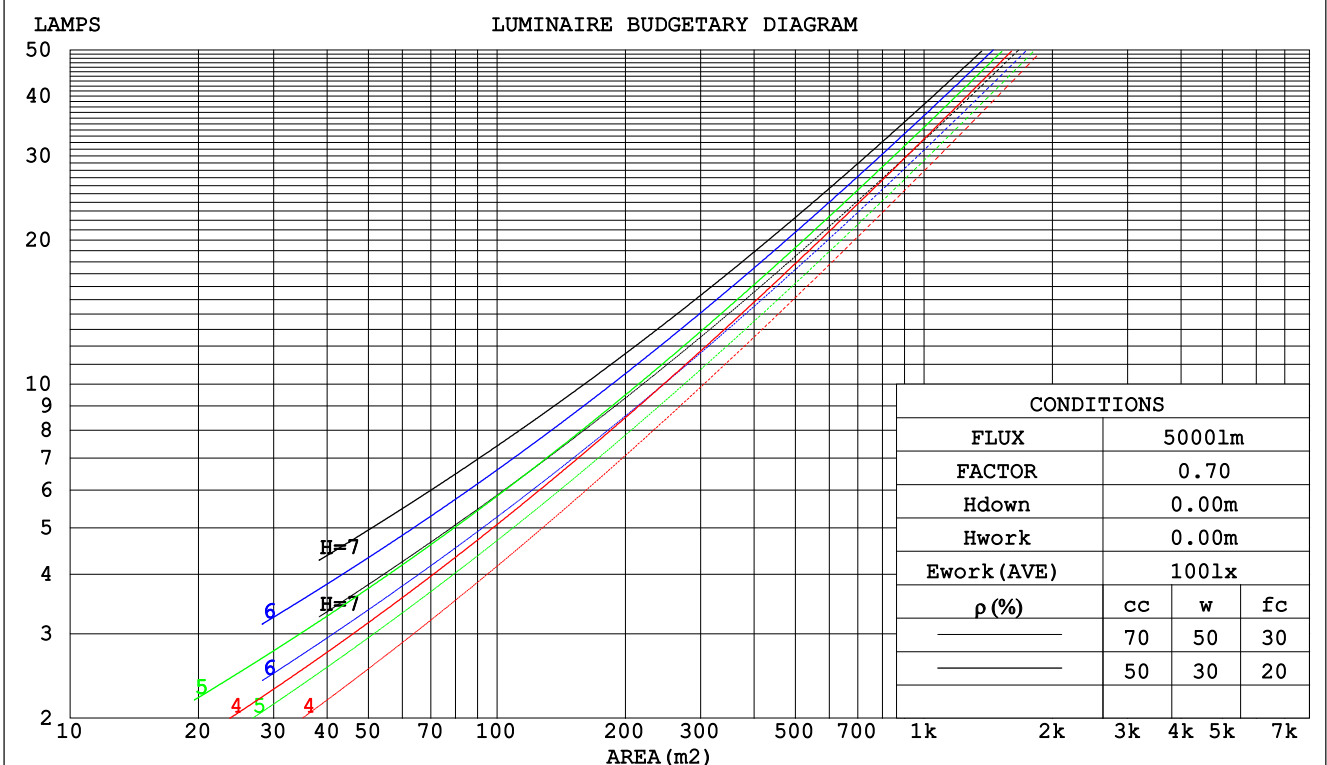
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Test Date:2019-10-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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	.96	.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	.69	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.61	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.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	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9.0	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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

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	.315	.179	.057	.308	.176	.056	.294	.169	.054	.281	.162	.052	.269	.156	.050	
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.265	.149	.047	.255	.144	.045	
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.228	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.091	.026	.184	.090	.026	.177	.089	.025	.172	.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	.142	.162	.141	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.140	.106	.155	.121	.092	.106	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.174	.123	.082	.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	.041	.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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm										
NAME: UB-OL-50K95C					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	24.9	26.4	25.2	26.7	26.9	25.0	26.5	25.3	26.8	27.0
3H	26.4	27.8	26.8	28.1	28.4	26.6	28.0	26.9	28.3	28.5
4H	27.0	28.3	27.3	28.6	28.9	27.2	28.6	27.5	28.8	29.1
6H	27.4	28.7	27.8	29.0	29.3	27.7	28.9	28.0	29.2	29.5
8H	27.5	28.7	27.9	29.0	29.4	27.8	29.0	28.2	29.3	29.6
12H	27.6	28.7	27.9	29.1	29.4	27.9	29.0	28.2	29.4	29.7
4H 2H	25.6	26.9	25.9	27.2	27.5	25.6	27.0	26.0	27.2	27.5
3H	27.3	28.4	27.6	28.8	29.1	27.4	28.6	27.8	28.9	29.2
4H	28.0	29.1	28.4	29.4	29.8	28.1	29.2	28.5	29.6	29.9
6H	28.5	29.5	28.9	29.8	30.2	28.7	29.7	29.1	30.0	30.4
8H	28.7	29.6	29.1	30.0	30.4	28.9	29.8	29.3	30.2	30.6
12H	28.8	29.6	29.2	30.0	30.4	29.0	29.9	29.5	30.3	30.7
8H 4H	28.3	29.2	28.7	29.5	30.0	28.4	29.3	28.8	29.7	30.1
6H	29.0	29.7	29.4	30.1	30.6	29.1	29.9	29.6	30.3	30.8
8H	29.2	29.9	29.7	30.3	30.8	29.4	30.1	29.9	30.5	31.0
12H	29.4	30.0	29.9	30.4	30.9	29.6	30.2	30.1	30.7	31.2
12H 4H	28.3	29.1	28.7	29.5	29.9	28.4	29.2	28.9	29.6	30.1
6H	29.0	29.7	29.5	30.1	30.6	29.2	29.9	29.7	30.3	30.8
8H	29.3	29.9	29.8	30.4	30.9	29.5	30.1	30.0	30.6	31.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 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, 411.4 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:2019-10-11

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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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

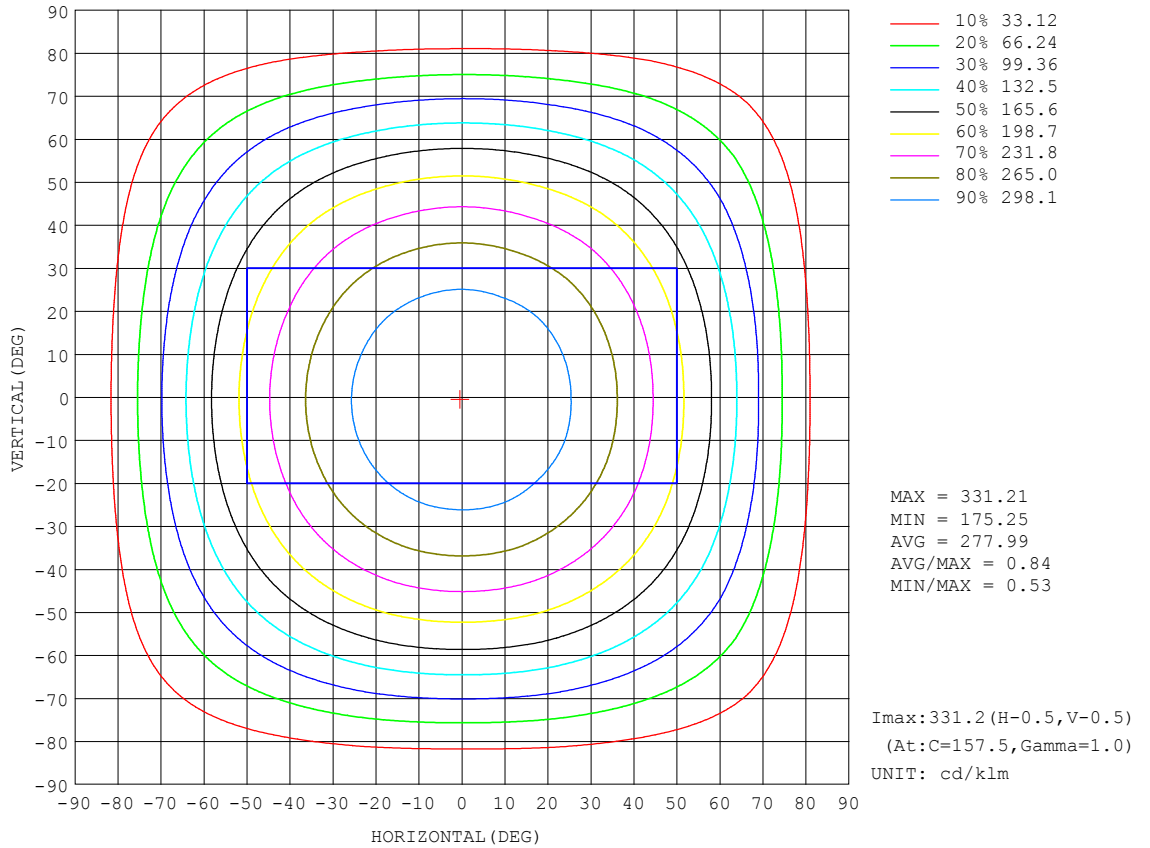
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	64	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	60
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	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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



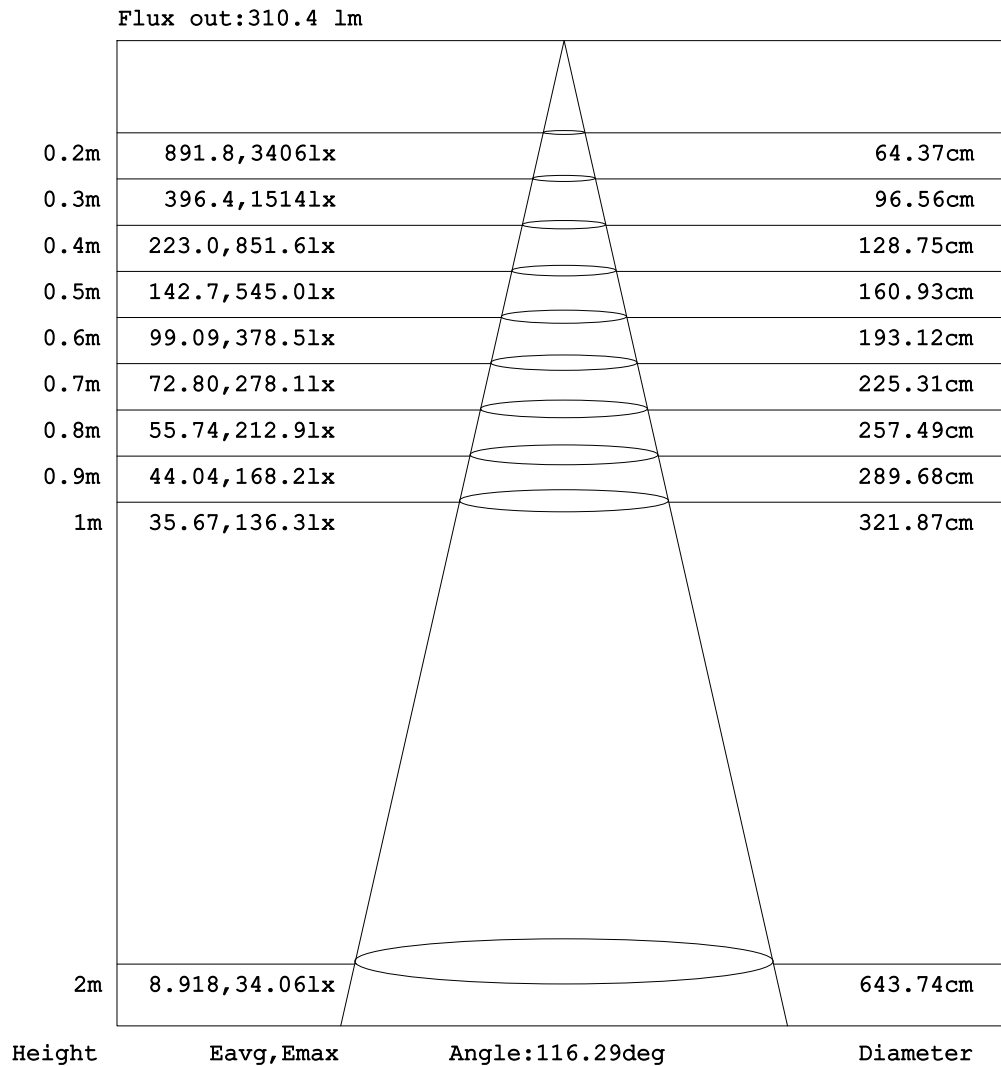
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Test Date:2019-10-11

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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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



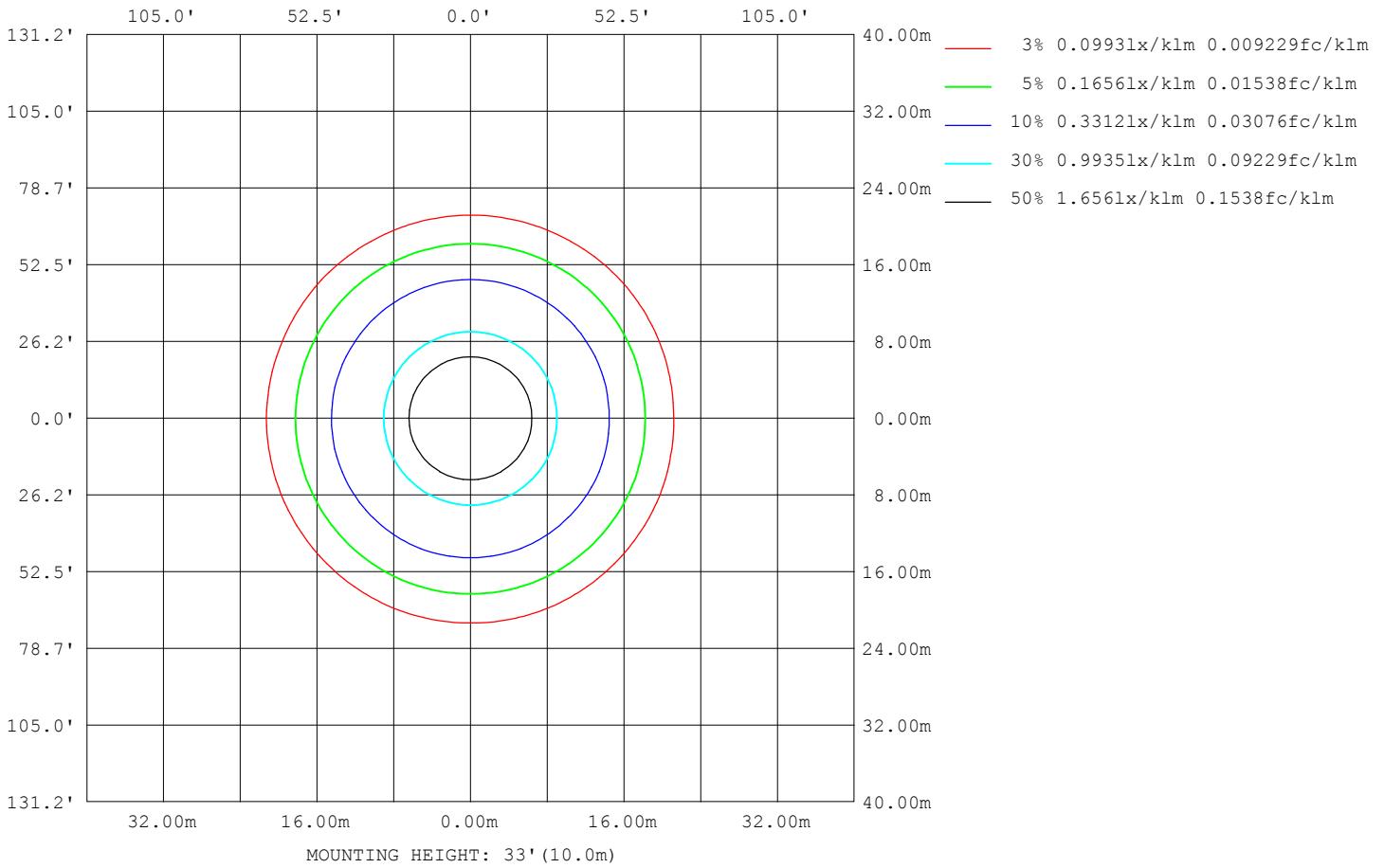
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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:2019-10-11

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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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

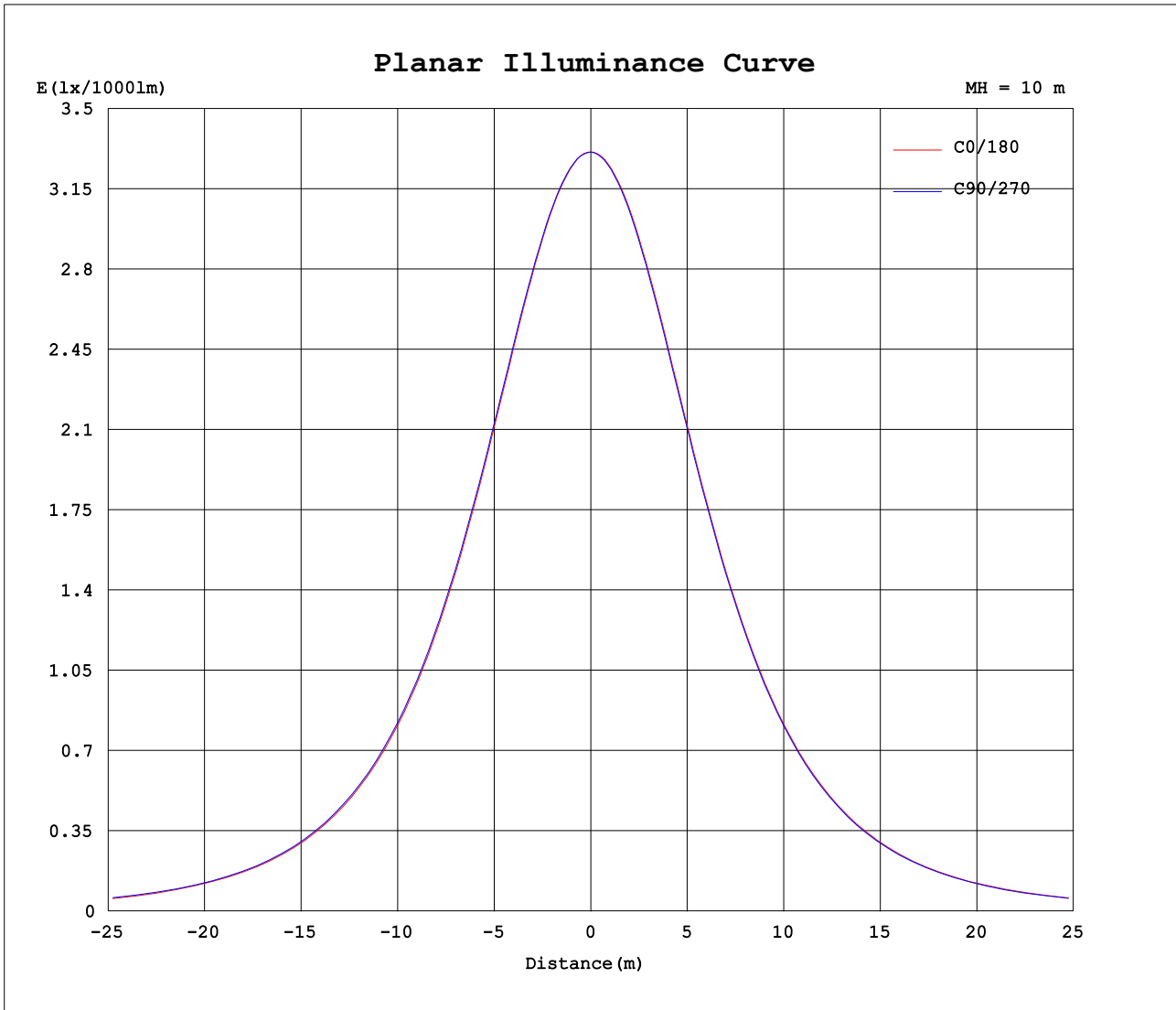
AvgL	cd/m2
L_0~180(65)av	12326
L_0~180(75)av	10477
L_0~180(85)av	8014
L_90~270(65)av	12411
L_90~270(75)av	10849
L_90~270(85)av	7721
L_45(65)av	12439
L_45(75)av	10927
L_45(85)av	8658

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.2220A P:5.328W PF:1.000 Freq:0Hz Lamp Flux:411.414x1 lm		
NAME: UB-OL-50K95C	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	331	331	331	331	331	331	331	331	331	331	331	331	331	331	331	331			
5	330	330	330	330	330	330	330	330	330	330	330	329	329	329	329	330			
10	326	326	326	327	327	327	326	326	326	326	326	325	325	325	326	326			
15	319	320	320	321	321	321	320	320	320	319	319	319	319	319	319	319			
20	310	311	312	312	312	312	312	311	311	310	310	310	310	310	310	310			
25	299	300	300	301	301	301	301	300	300	299	299	298	298	298	299	299			
30	285	286	287	288	288	288	287	286	286	285	285	284	284	284	285	285			
35	269	270	271	272	272	272	271	270	270	269	269	268	268	268	269	269			
40	250	252	253	254	253	254	253	252	251	250	250	249	249	249	250	250			
45	229	231	232	233	233	233	232	231	231	229	229	228	229	228	230	230			
50	206	209	209	211	210	211	209	208	208	206	206	205	206	206	207	207			
55	182	184	184	186	185	186	184	183	183	181	181	180	181	181	182	182			
60	155	157	158	159	158	159	157	156	156	155	154	154	154	154	155	156			
65	126	129	129	131	130	130	129	128	128	126	126	125	125	126	127	127			
70	93.4	99.6	100.0	101	100	101	99.3	98.5	98.2	96.6	96.3	95.3	95.7	96.1	97.6	98.0			
75	63.0	69.9	70.3	71.1	70.3	70.8	69.5	68.9	68.8	67.3	66.9	65.8	66.2	66.6	68.2	68.6			
80	37.8	42.2	42.5	43.1	42.2	42.7	41.7	41.3	41.1	39.8	39.6	38.2	38.4	39.0	40.6	40.0			
85	15.8	19.0	19.4	19.8	18.4	19.5	18.8	18.4	18.1	17.4	17.4	16.5	14.3	16.9	17.7	17.8			
90	4.22	4.93	5.02	4.81	1.58	4.49	4.51	4.55	4.27	4.18	4.19	3.45	0.41	3.67	4.67	4.95			
95	1.75	1.70	1.42	0.70	0.64	0.74	1.16	1.26	1.15	1.25	0.97	0.61	0.56	0.66	1.27	1.74			
100	0.96	0.88	0.83	0.85	0.84	0.88	0.83	0.87	0.72	0.71	0.71	0.67	0.75	0.68	0.69	0.81			
105	0.94	0.99	0.95	1.05	1.06	1.12	1.02	1.00	0.82	0.80	0.90	0.88	0.95	0.85	0.88	0.76			
110	1.13	1.17	1.14	1.27	1.27	1.33	1.22	1.22	0.99	0.99	1.11	1.09	1.16	1.05	1.05	0.93			
115	1.33	1.38	1.35	1.47	1.50	1.56	1.46	1.44	1.18	1.21	1.33	1.34	1.35	1.24	1.25	1.10			
120	1.51	1.57	1.50	1.67	1.69	1.76	1.66	1.65	1.39	1.41	1.56	1.52	1.56	1.45	1.44	1.34			
125	1.72	1.78	1.74	1.87	1.90	1.96	1.86	1.85	1.61	1.61	1.77	1.75	1.78	1.65	1.66	1.60			
130	1.91	1.97	2.00	2.06	2.06	2.14	2.05	2.05	1.82	1.84	1.97	1.92	1.95	1.85	1.85	1.74			
135	2.10	2.17	2.15	2.24	2.25	2.30	2.22	2.24	2.01	2.03	2.17	2.15	2.15	2.03	2.04	1.97			
140	2.30	2.35	2.32	2.39	2.41	2.48	2.40	2.42	2.21	2.21	2.35	2.29	2.32	2.19	2.23	2.16			
145	2.45	2.51	2.47	2.55	2.56	2.62	2.56	2.57	2.40	2.39	2.51	2.45	2.48	2.36	2.40	2.34			
150	2.61	2.68	2.63	2.70	2.69	2.75	2.69	2.73	2.56	2.55	2.64	2.59	2.62	2.53	2.55	2.49			
155	2.77	2.82	2.76	2.83	2.80	2.87	2.84	2.89	2.70	2.65	2.75	2.71	2.73	2.63	2.68	2.62			
160	2.89	2.92	2.86	2.92	2.87	2.96	2.88	2.96	2.83	2.75	2.86	2.78	2.82	2.73	2.79	2.79			
165	2.98	3.00	2.97	3.00	2.96	3.00	2.98	3.02	2.96	2.86	2.97	2.87	2.91	2.86	2.90	2.88			
170	3.07	3.02	3.01	3.04	2.98	3.04	3.01	3.09	3.04	2.96	3.03	2.96	2.99	2.92	3.00	2.98			
175	3.10	3.02	3.04	3.07	3.01	3.06	3.04	3.13	3.07	2.99	3.05	3.00	3.00	2.98	3.01	2.98			
180	3.11	3.08	3.12	3.09	3.07	3.06	3.06	3.11	3.12	3.07	3.10	3.06	3.05	3.04	3.08	3.13			

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