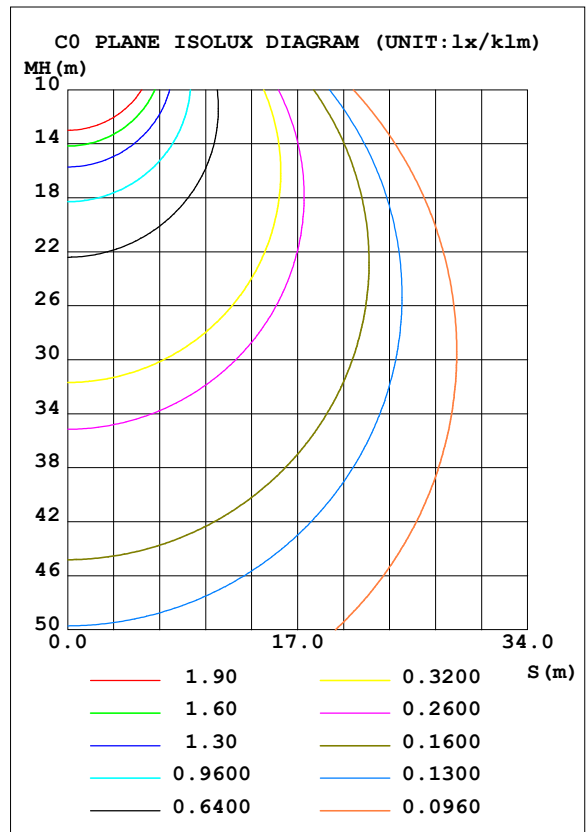
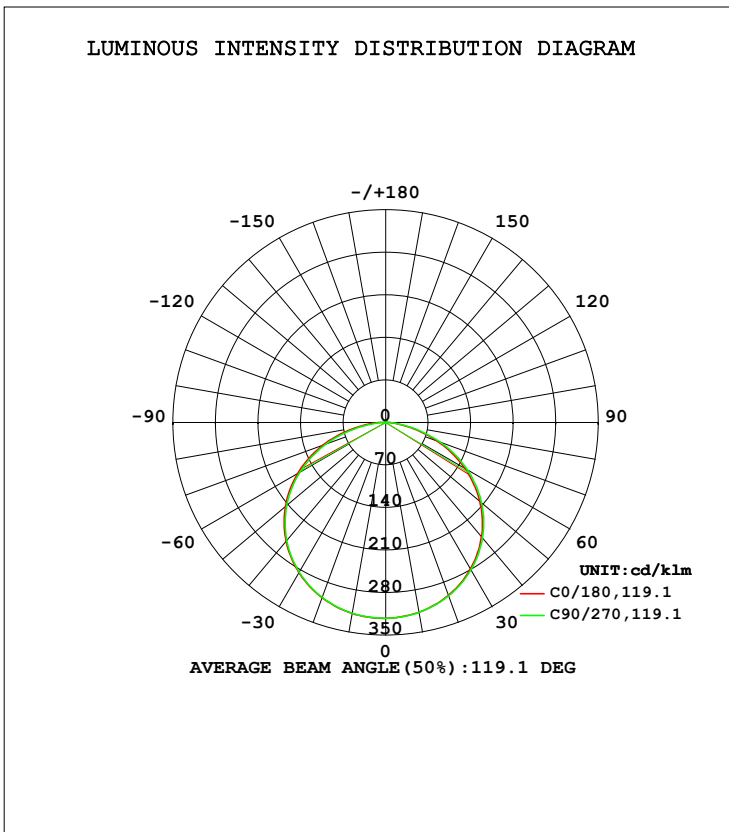


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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: 167.70 lm/W			
MODEL	SMD /LED	I _{max} (cd/klm)	322.2	S/MH(C0/180)	1.32
NOMINAL POWER(W)	22.03	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.00	η UP, DN(C0-180)	0.6,48.6
NOMINAL FLUX(lm)	3694.36	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,50.2
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:2019-12-13

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:

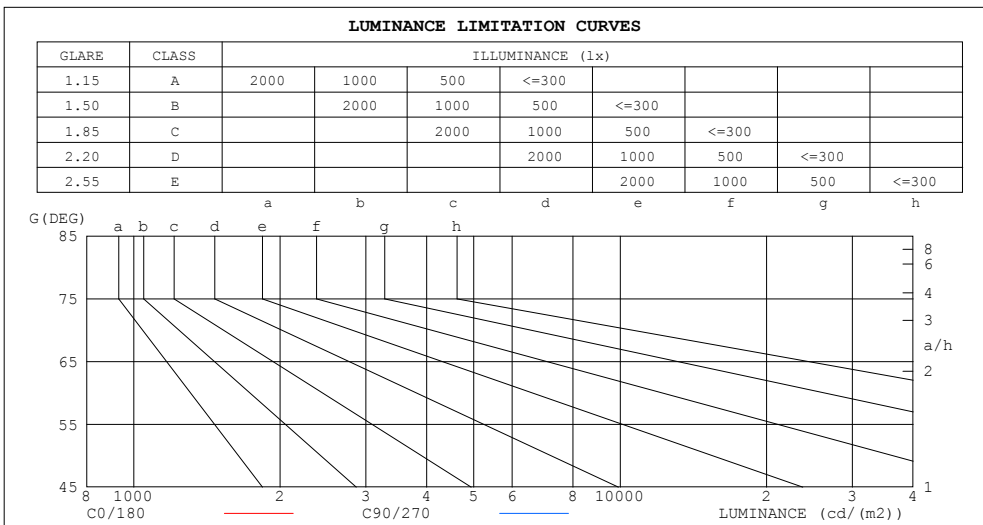
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	317.0	316.9	317.3	317.9	319.0	319.1	318.7	318.0	0- 10	30.55	30.55	3.06,3.06
20	302.5	302.6	303.5	304.8	306.8	307.1	306.2	304.7	10- 20	88.28	118.8	11.9,11.9
30	278.8	279.0	280.5	282.6	285.6	286.1	284.6	282.2	20- 30	135.9	254.8	25.5,25.5
40	245.4	245.9	248.1	251.1	255.2	255.6	253.4	249.9	30- 40	167.5	422.3	42.2,42.2
50	202.4	203.1	206.1	210.4	215.4	215.9	212.6	208.0	40- 50	178.2	600.5	60,60
60	150.0	150.9	154.8	160.4	167.0	167.1	162.6	156.7	50- 60	165.3	765.8	76.6,76.6
70	90.27	91.15	95.93	103.0	110.4	110.1	104.3	97.51	60- 70	128.7	894.5	89.4,89.4
80	31.27	31.54	36.70	43.24	50.22	49.47	40.68	37.92	70- 80	73.76	968.2	96.8,96.8
90	1.039	1.778	0.8389	5.137	6.223	5.554	0.9781	2.594	80- 90	19.85	988.1	98.8,98.8
100	1.017	0.9550	0.9753	1.167	1.436	0.8324	0.8221	0.8418	90-100	1.636	989.7	99,99
110	1.329	1.355	1.412	1.335	1.225	1.224	1.258	1.261	100-110	1.178	990.9	99.1,99.1
120	1.747	1.716	1.833	1.776	1.638	1.678	1.685	1.667	110-120	1.497	992.4	99.2,99.2
130	2.166	2.175	2.224	2.196	2.034	2.085	2.068	2.043	120-130	1.727	994.1	99.4,99.4
140	2.521	2.512	2.551	2.547	2.392	2.444	2.409	2.385	130-140	1.780	995.9	99.6,99.6
150	2.816	2.785	2.809	2.823	2.697	2.734	2.683	2.672	140-150	1.639	997.5	99.8,99.8
160	3.033	2.991	2.986	3.012	2.914	2.920	2.869	2.874	150-160	1.318	998.9	99.9,99.9
170	3.162	3.110	3.086	3.120	3.040	3.045	2.999	3.005	160-170	0.8530	999.7	100,100
180	3.189	3.154	3.122	3.156	3.183	3.155	3.120	3.152	170-180	0.2952	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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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	39560	61045
80	66370	78118
75	85002	93339
70	97264	103675
65	105283	110294
60	110522	114437
55	113925	117037
50	116010	118531
45	117284	119300

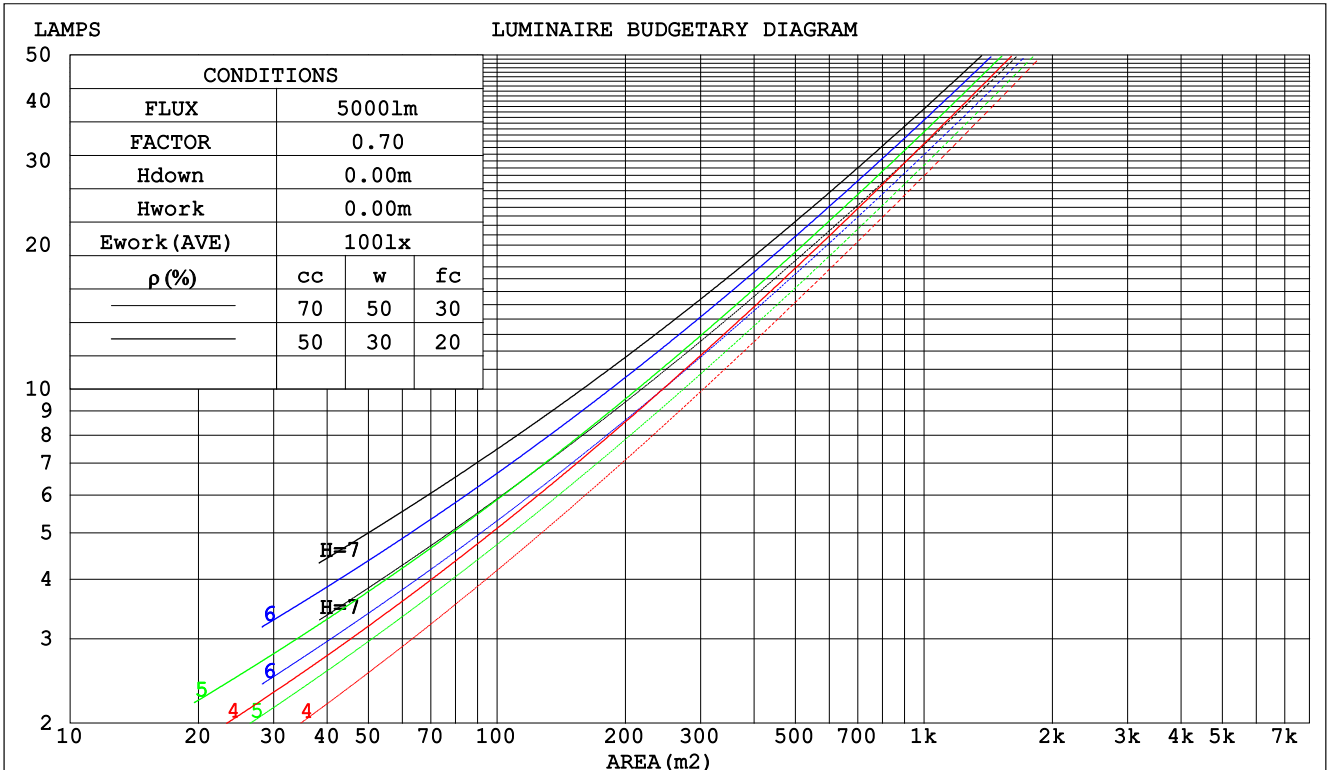
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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

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	1.05	1.05	1.05	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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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	.308	.176	.056	.294	.169	.054	.282	.162	.052	.270	.156	.050	
2.0	.297	.163	.050	.290	.160	.049	.278	.155	.048	.266	.149	.047	.256	.145	.046	
3.0	.274	.146	.044	.268	.144	.043	.257	.140	.042	.247	.136	.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	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.167	.086	.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	.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	.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	.087	.049	.094	.060	.034	.055	.036	.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	.074	.037	.087	.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	.115	.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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm										
NAME: UB-IS-40K80C					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	29.2	30.7	29.5	31.0	31.2	29.3	30.9	29.6	31.1	31.3
3H	30.7	32.1	31.0	32.3	32.6	30.9	32.3	31.2	32.5	32.8
4H	31.2	32.5	31.5	32.8	33.1	31.4	32.8	31.8	33.0	33.3
6H	31.5	32.7	31.8	33.0	33.3	31.8	33.1	32.1	33.4	33.7
8H	31.5	32.7	31.9	33.0	33.4	31.9	33.1	32.2	33.4	33.7
12H	31.5	32.7	31.9	33.0	33.3	31.9	33.1	32.3	33.4	33.7
4H 2H	29.8	31.2	30.1	31.4	31.7	29.9	31.3	30.2	31.5	31.8
3H	31.4	32.6	31.8	32.9	33.3	31.6	32.8	32.0	33.1	33.4
4H	32.1	33.1	32.4	33.5	33.8	32.3	33.4	32.7	33.7	34.1
6H	32.4	33.4	32.9	33.8	34.2	32.7	33.7	33.2	34.1	34.5
8H	32.5	33.4	33.0	33.8	34.2	32.9	33.8	33.3	34.2	34.6
12H	32.5	33.4	33.0	33.8	34.2	33.0	33.8	33.4	34.2	34.6
8H 4H	32.3	33.2	32.7	33.5	34.0	32.5	33.4	32.9	33.8	34.2
6H	32.8	33.5	33.2	33.9	34.4	33.1	33.8	33.5	34.2	34.7
8H	32.9	33.6	33.4	34.0	34.5	33.3	33.9	33.7	34.4	34.8
12H	33.0	33.5	33.5	34.0	34.5	33.4	33.9	33.9	34.4	34.9
12H 4H	32.3	33.1	32.7	33.5	33.9	32.5	33.3	32.9	33.7	34.1
6H	32.8	33.4	33.3	33.9	34.4	33.1	33.7	33.6	34.2	34.7
8H	32.9	33.5	33.4	34.0	34.5	33.3	33.9	33.8	34.3	34.8
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 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 3694 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.5)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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

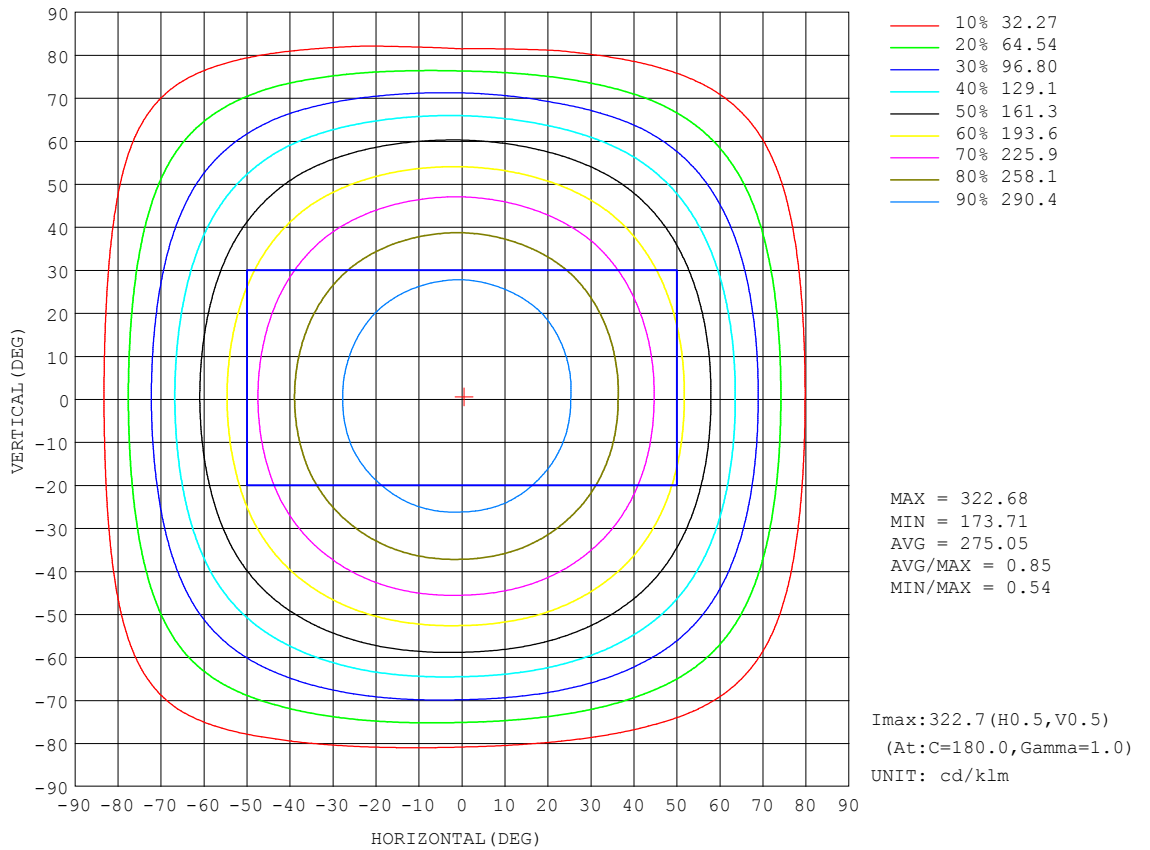
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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

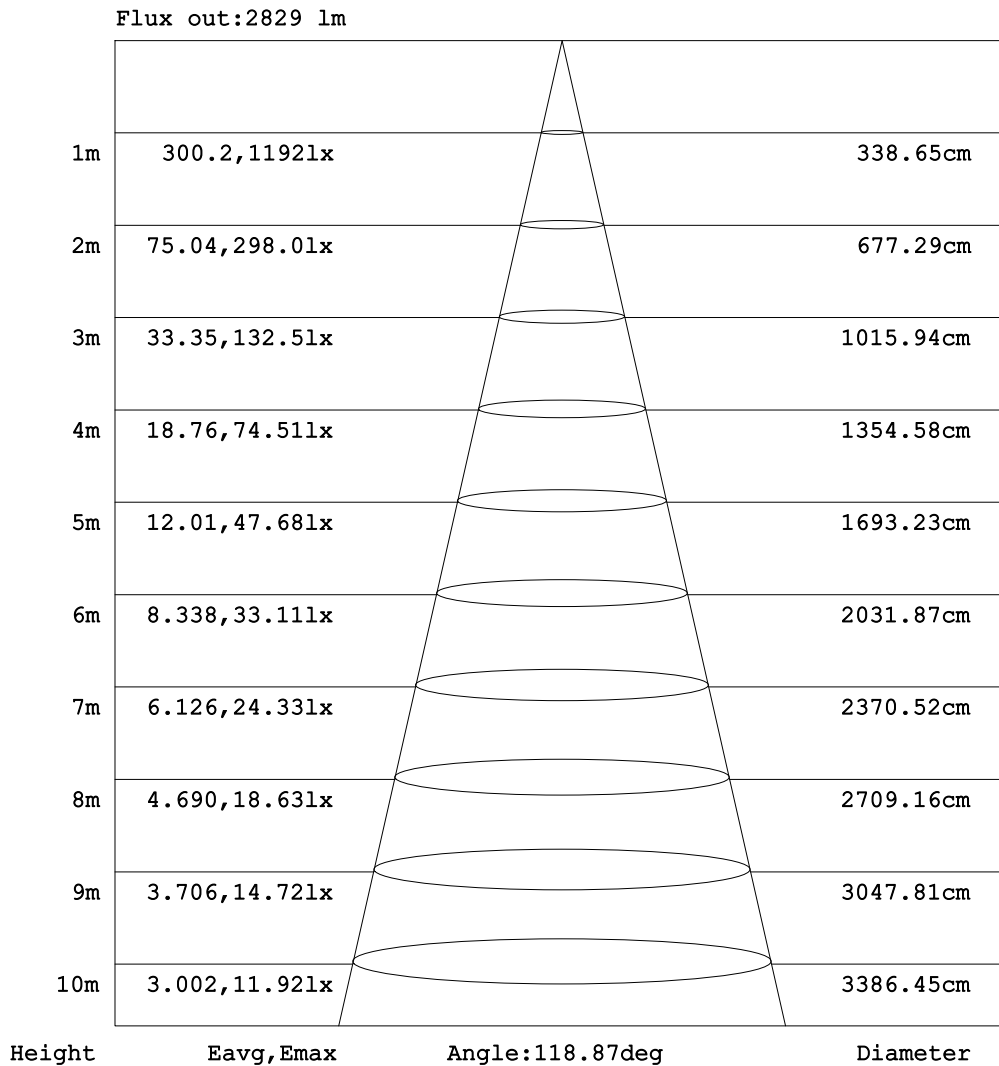


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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



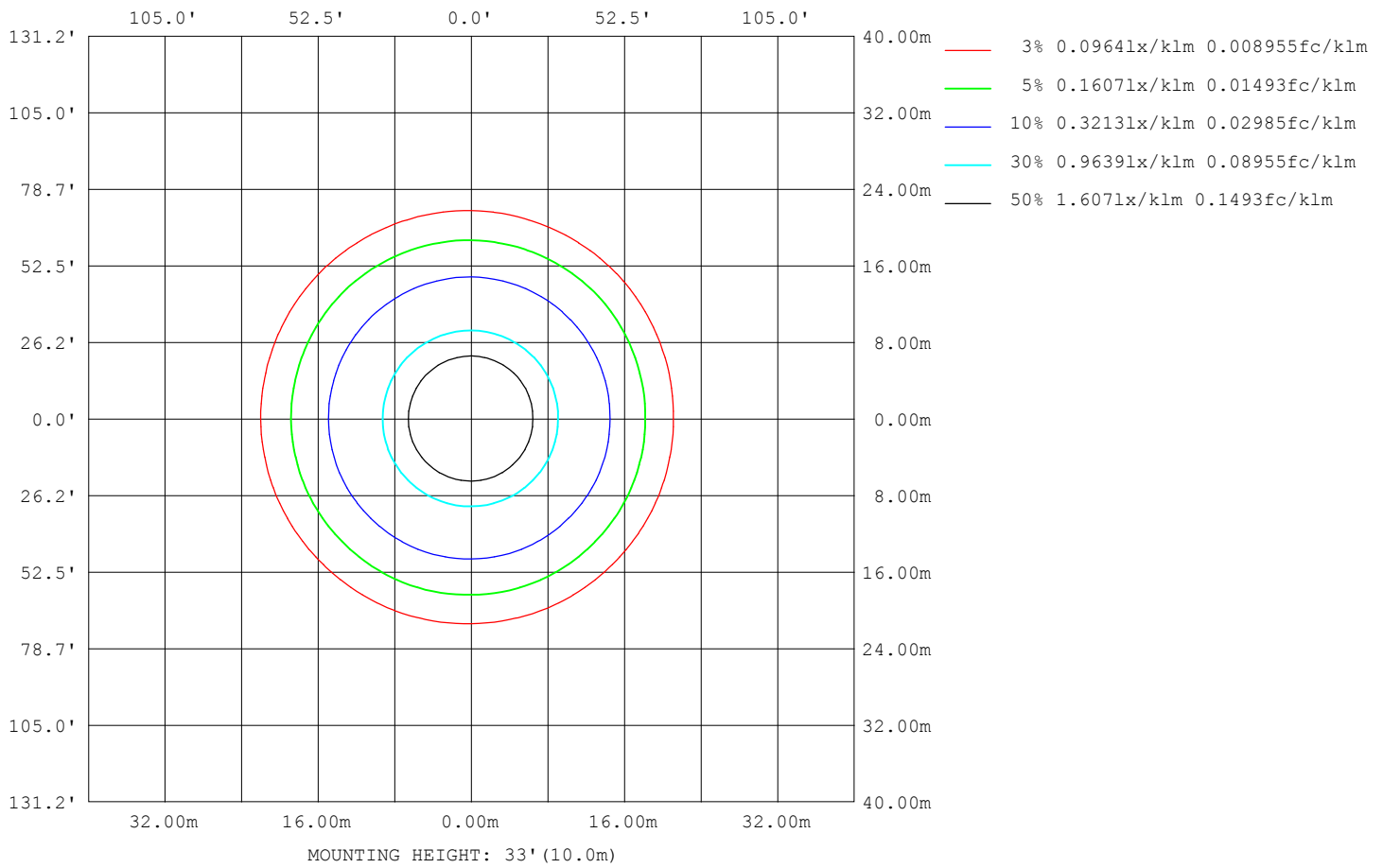
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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

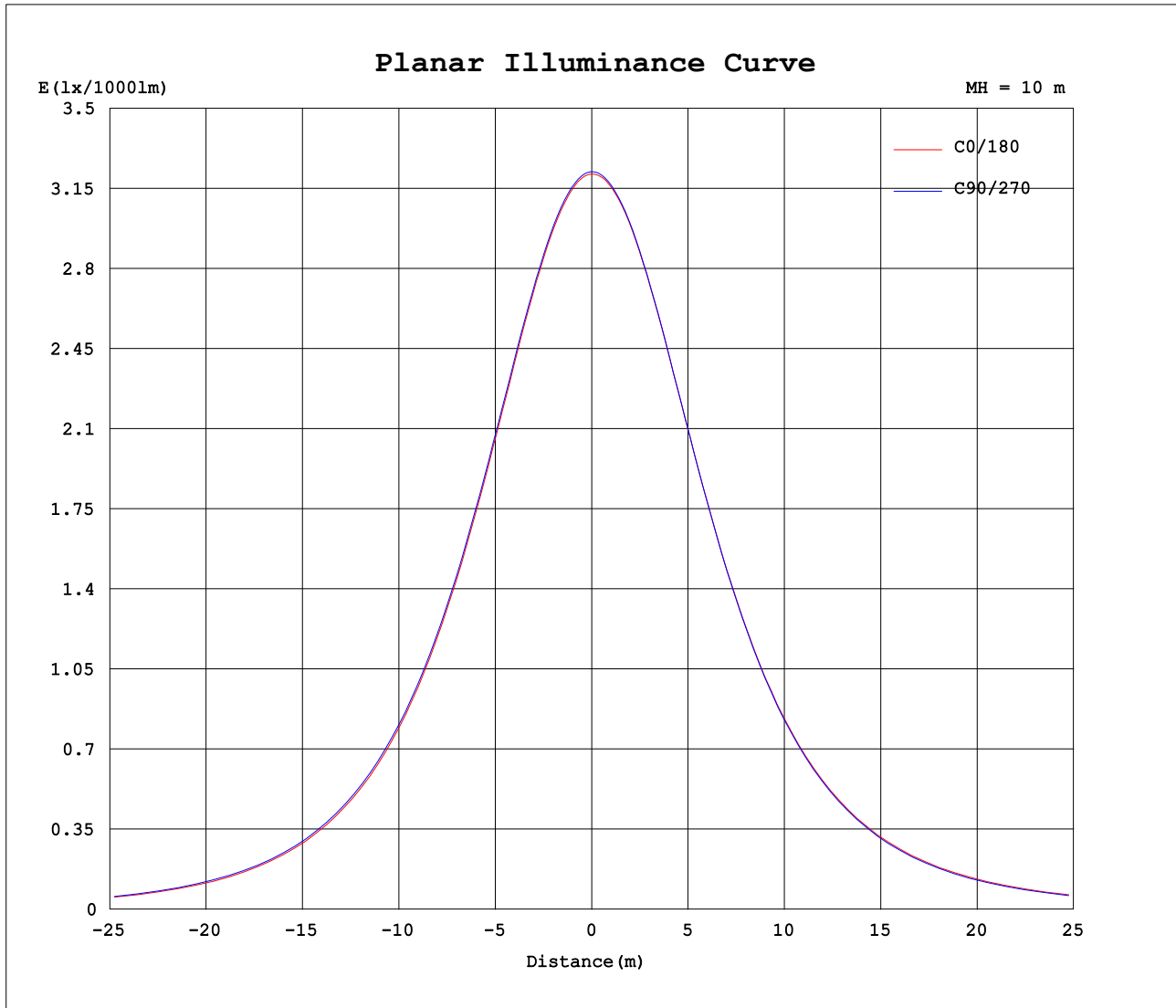
AvgL	cd/m2
L_0~180 (65) av	113795
L_0~180 (75) av	100007
L_0~180 (85) av	70250
L_90~270 (65) av	113822
L_90~270 (75) av	98510
L_90~270 (85) av	60459
L_45 (65) av	114018
L_45 (75) av	99770
L_45 (85) av	70236

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Test Date:2019-12-13

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:2019-12-13

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:0.9180A P:22.030W PF:1.0000 Freq:0Hz Lamp Flux:3694.36x1 lm		
NAME: UB-IS-40K80C	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	322	322	322	322	322	322	322	322	322	322	322	322	322	322	322	322			
5	321	321	321	321	321	321	321	321	322	322	322	321	321	321	321	321			
10	317	317	317	317	317	318	318	319	319	319	319	319	319	318	318	317			
15	311	311	311	311	311	312	313	313	314	314	314	314	314	313	313	312			
20	303	303	303	303	303	304	305	306	307	307	307	307	306	305	305	303			
25	292	292	292	293	293	294	295	296	297	298	298	297	297	295	295	293			
30	279	279	279	280	281	282	283	285	286	286	286	285	285	283	282	280			
35	263	264	264	265	265	267	268	270	271	272	272	271	270	268	267	265			
40	245	246	246	247	248	250	251	254	255	255	256	254	253	251	250	247			
45	225	225	226	227	228	230	232	235	236	237	237	235	234	232	230	227			
50	202	203	203	205	206	209	210	214	215	216	216	214	213	210	208	205			
55	177	178	178	180	182	185	187	190	192	193	193	191	189	186	181	180			
60	150	150	151	153	155	158	160	164	167	167	167	165	163	159	157	153			
65	121	121	122	124	126	130	132	137	140	140	139	137	134	131	128	124			
70	90.3	90.7	91.1	94.1	95.9	100	103	108	110	111	110	107	104	99.1	97.5	93.0			
75	59.7	59.6	60.3	63.1	65.4	69.5	72.6	77.4	80.4	80.6	79.8	76.5	72.7	69.8	67.0	62.5			
80	31.3	30.8	31.5	34.2	36.7	40.2	43.2	47.6	50.2	50.5	49.5	46.7	40.7	40.9	37.9	34.0			
85	9.36	9.11	9.89	12.5	14.4	16.9	18.5	21.8	23.8	23.6	23.0	21.3	14.1	17.3	14.9	11.5			
90	1.04	1.22	1.78	3.01	0.84	5.02	5.14	5.88	6.22	5.57	5.55	5.33	0.98	3.57	2.59	1.37			
95	0.91	0.97	0.94	0.82	0.76	1.85	2.18	2.61	2.29	1.36	0.92	0.72	0.63	0.69	0.86	0.91			
100	1.02	0.99	0.95	0.97	0.98	1.13	1.17	1.50	1.44	0.99	0.83	0.81	0.82	0.83	0.84	0.95			
105	1.13	1.13	1.15	1.18	1.20	1.16	1.13	1.10	1.07	1.01	1.00	1.02	1.04	1.04	1.05	1.09			
110	1.33	1.33	1.35	1.39	1.41	1.39	1.33	1.29	1.22	1.22	1.22	1.25	1.26	1.25	1.26	1.28			
115	1.53	1.54	1.55	1.59	1.63	1.60	1.55	1.50	1.43	1.44	1.45	1.47	1.48	1.46	1.47	1.48			
120	1.75	1.75	1.72	1.80	1.83	1.82	1.78	1.72	1.64	1.66	1.68	1.69	1.69	1.66	1.67	1.71			
125	1.96	1.96	1.97	2.00	2.03	2.02	1.99	1.94	1.84	1.86	1.89	1.90	1.88	1.86	1.86	1.93			
130	2.17	2.16	2.18	2.19	2.22	2.22	2.20	2.16	2.03	2.06	2.08	2.09	2.07	2.04	2.04	2.12			
135	2.36	2.34	2.35	2.37	2.39	2.40	2.38	2.36	2.22	2.23	2.27	2.26	2.25	2.21	2.22	2.29			
140	2.52	2.50	2.51	2.52	2.55	2.55	2.55	2.53	2.39	2.39	2.44	2.43	2.41	2.37	2.39	2.46			
145	2.68	2.65	2.66	2.66	2.69	2.69	2.69	2.68	2.55	2.55	2.60	2.58	2.56	2.52	2.54	2.61			
150	2.82	2.78	2.79	2.79	2.81	2.81	2.82	2.82	2.70	2.67	2.73	2.71	2.68	2.66	2.67	2.75			
155	2.94	2.89	2.90	2.90	2.91	2.92	2.93	2.95	2.81	2.76	2.83	2.80	2.78	2.76	2.77	2.84			
160	3.03	2.98	2.99	2.98	2.99	2.99	3.01	3.04	2.91	2.87	2.92	2.89	2.87	2.85	2.87	2.95			
165	3.11	3.06	3.06	3.05	3.05	3.06	3.08	3.13	2.99	2.94	3.00	2.96	2.94	2.93	2.96	3.02			
170	3.16	3.10	3.11	3.09	3.09	3.10	3.12	3.18	3.04	2.99	3.05	3.02	3.00	2.98	3.01	3.06			
175	3.19	3.12	3.14	3.12	3.11	3.12	3.15	3.21	3.08	3.04	3.08	3.06	3.05	3.04	3.06	3.11			
180	3.19	3.12	3.15	3.13	3.12	3.12	3.16	3.21	3.18	3.12	3.16	3.13	3.12	3.12	3.15	3.20			

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