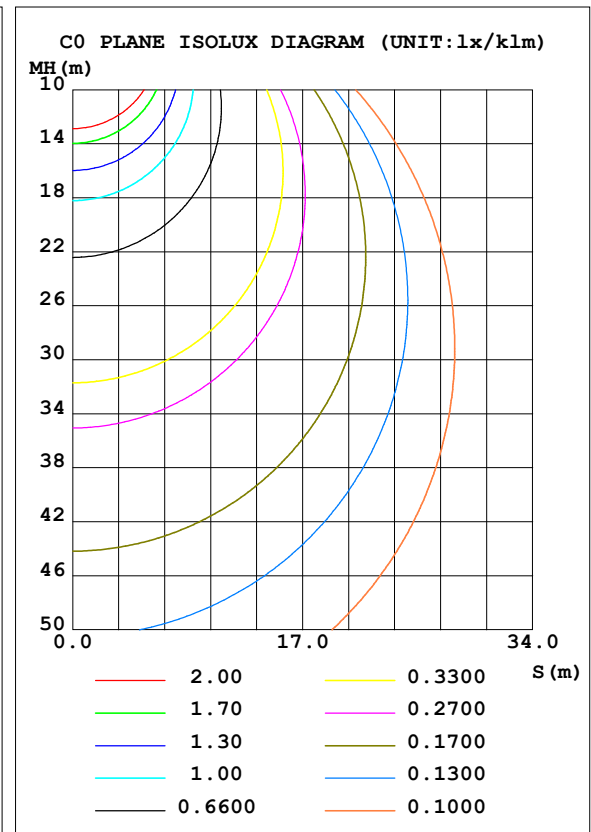
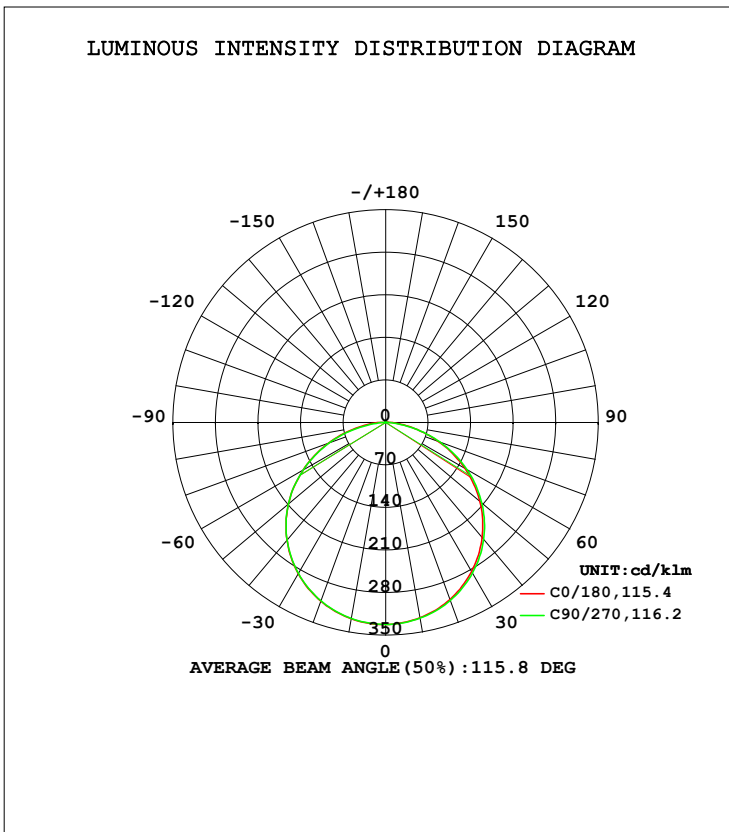


LUMINAIRE PHOTOMETRIC TEST REPORT

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	DIM.: 1000*10*2 (mm)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 1000*10 (mm)	Shielding Angle: 120

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SMD /LED	I _{max} (cd/klm)	332.4	S/MH (C0/180)	1.29
NOMINAL POWER (W)	15.1692	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	12	TOTAL FLUX (lm/klm)	1000.0	η UP, DN (C0-180)	0.7, 49.1
NOMINAL FLUX (lm)	1193.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.7
LAMPS INSIDE	1	η up (%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	98.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

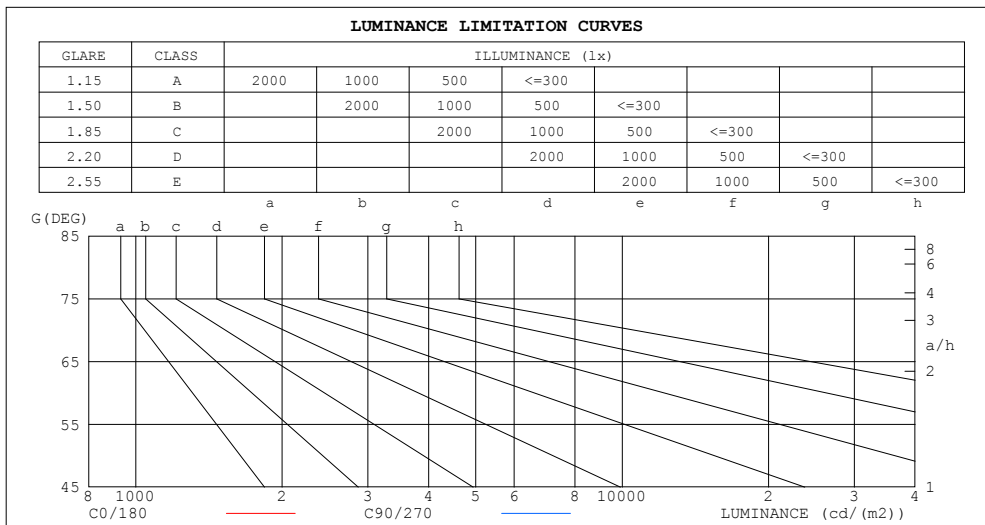
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	326.3	326.5	327.0	327.6	328.0	327.8	327.4	326.7	0- 10	31.48	31.48	3.15,3.15
20	309.8	310.3	311.6	312.5	313.0	312.9	312.3	310.9	10- 20	90.54	122.0	12.2,12.2
30	283.2	284.2	286.1	287.3	287.7	287.8	287.2	285.2	20- 30	138.3	260.4	26,26
40	247.1	248.4	251.0	252.4	252.8	253.3	252.6	250.0	30- 40	168.7	429.1	42.9,42.9
50	202.4	203.6	206.7	208.4	209.1	209.8	209.2	206.2	40- 50	177.4	606.4	60.6,60.6
60	150.2	151.1	154.2	156.5	157.1	157.8	157.1	154.0	50- 60	162.4	768.8	76.9,76.9
70	92.85	93.06	95.27	98.89	100.7	100.7	99.36	96.82	60- 70	125.1	893.9	89.4,89.4
80	38.81	37.07	36.72	41.92	45.58	43.92	36.96	40.55	70- 80	71.92	965.8	96.6,96.6
90	8.347	5.583	0.6080	5.779	8.714	6.729	1.369	6.798	80- 90	21.72	987.5	98.8,98.8
100	3.658	1.712	0.9286	1.379	2.424	1.456	0.6972	1.894	90-100	3.203	990.7	99.1,99.1
110	1.268	1.210	1.293	1.245	0.9620	0.9498	1.044	1.003	100-110	1.354	992.1	99.2,99.2
120	1.542	1.550	1.643	1.596	1.250	1.316	1.409	1.342	110-120	1.269	993.4	99.3,99.3
130	1.897	1.916	1.981	1.938	1.613	1.697	1.785	1.710	120-130	1.465	994.8	99.5,99.5
140	2.211	2.206	2.269	2.230	1.971	2.046	2.117	2.038	130-140	1.529	996.4	99.6,99.6
150	2.493	2.482	2.505	2.479	2.305	2.321	2.405	2.359	140-150	1.428	997.8	99.8,99.8
160	2.716	2.622	2.684	2.666	2.596	2.593	2.620	2.602	150-160	1.171	999.0	99.9,99.9
170	2.883	2.813	2.811	2.803	2.822	2.804	2.793	2.774	160-170	0.7719	999.7	100,100
180	2.936	2.901	2.875	2.871	2.930	2.895	2.875	2.868	170-180	0.2712	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

LUMINANCE LIMITATION CURVES

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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	262381	186813
80	266351	251381
75	296382	298808
70	323558	331174
65	343822	352815
60	357932	366626
55	368004	376127
50	375224	382351
45	380501	386536

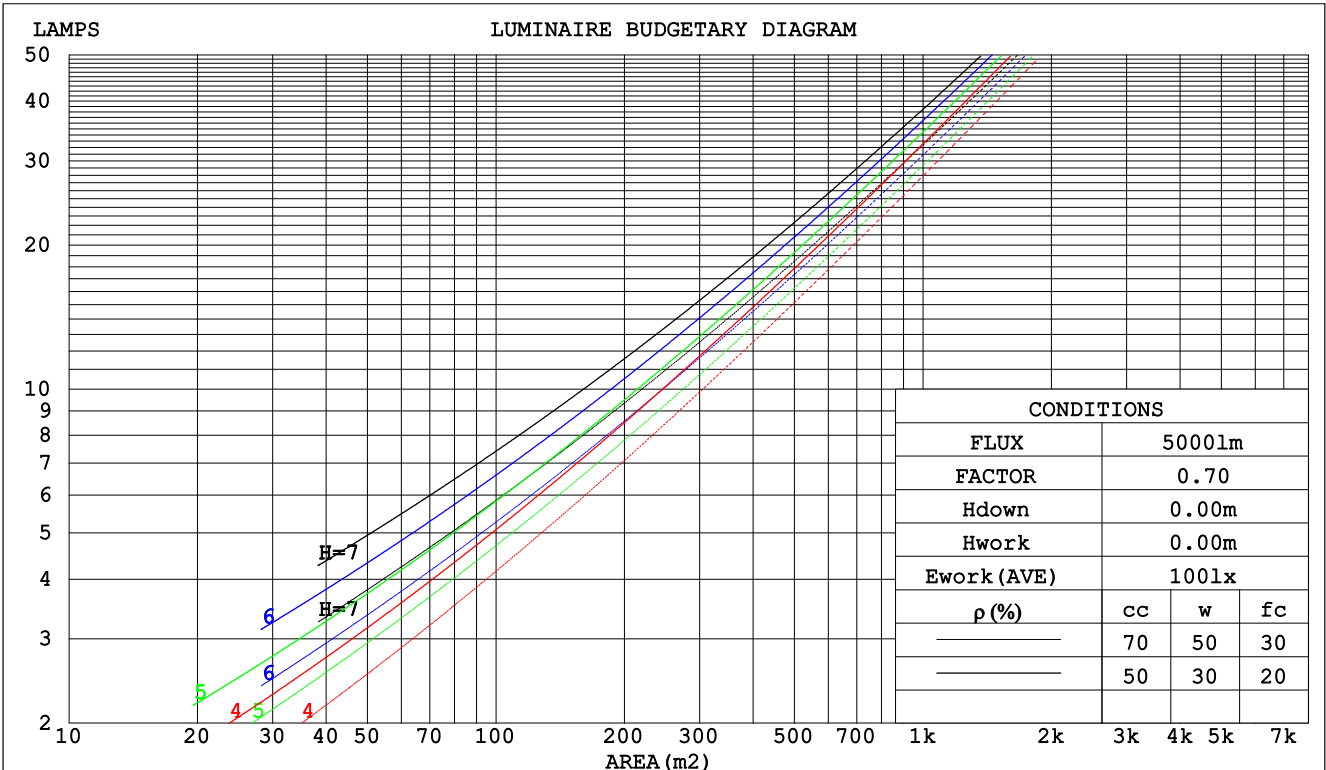
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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	1.05	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	.79	.74	.80	.76	.72	.77	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.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	.31	.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: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

WEC AND CCEC

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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	.295	.162	.050	.289	.159	.049	.277	.154	.048	.265	.149	.047	.255	.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	.189	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.166	.143	.163	.142	.124	.111	.098	.085	.064	.057	.050	.021	.018	.016	
2.0	.182	.142	.107	.156	.122	.093	.107	.084	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.124	.084	.150	.107	.072	.103	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.167	.111	.068	.143	.096	.059	.099	.067	.041	.057	.039	.025	.018	.013	.008	
5.0	.160	.100	.057	.137	.087	.049	.094	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.092	.049	.131	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
7.0	.146	.085	.043	.125	.074	.037	.087	.052	.026	.050	.031	.016	.016	.010	.005	
8.0	.139	.079	.038	.120	.069	.033	.083	.048	.024	.048	.029	.014	.016	.009	.005	
9.0	.133	.075	.035	.115	.065	.030	.079	.045	.022	.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: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

UGR(Unified Glare Rating) Table

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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	32.7	34.2	33.0	34.4	34.7	32.8	34.3	33.1	34.5	34.8
3H	34.2	35.6	34.5	35.8	36.1	34.3	35.7	34.6	36.0	36.2
4H	34.8	36.1	35.1	36.4	36.7	34.9	36.2	35.2	36.5	36.8
6H	35.2	36.4	35.5	36.7	37.0	35.2	36.5	35.6	36.8	37.1
8H	35.3	36.5	35.7	36.8	37.1	35.3	36.6	35.7	36.9	37.2
12H	35.4	36.6	35.8	36.9	37.2	35.4	36.6	35.8	36.9	37.2
4H 2H	33.3	34.6	33.6	34.9	35.2	33.4	34.7	33.7	35.0	35.3
3H	35.0	36.1	35.3	36.5	36.8	35.1	36.2	35.4	36.6	36.9
4H	35.7	36.7	36.1	37.1	37.4	35.8	36.8	36.2	37.2	37.5
6H	36.2	37.1	36.6	37.5	37.9	36.3	37.2	36.7	37.6	38.0
8H	36.4	37.3	36.8	37.7	38.1	36.4	37.3	36.8	37.7	38.1
12H	36.5	37.3	37.0	37.8	38.2	36.5	37.3	36.9	37.7	38.1
8H 4H	35.9	36.8	36.3	37.2	37.6	36.0	36.9	36.4	37.3	37.7
6H	36.6	37.3	37.1	37.8	38.2	36.6	37.4	37.1	37.8	38.2
8H	36.9	37.5	37.3	38.0	38.4	36.8	37.5	37.3	37.9	38.4
12H	37.1	37.7	37.6	38.1	38.6	37.0	37.5	37.5	38.0	38.5
12H 4H	35.9	36.7	36.4	37.1	37.6	36.0	36.8	36.5	37.2	37.7
6H	36.6	37.3	37.1	37.7	38.2	36.7	37.3	37.1	37.8	38.2
8H	36.9	37.5	37.4	38.0	38.5	36.9	37.5	37.4	38.0	38.5
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, 1194 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.6)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

UTILIZATION FACTORS TABLE

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	DIM.: 1000*10*2 (mm)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 1000*10 (mm)	Shielding Angle: 120

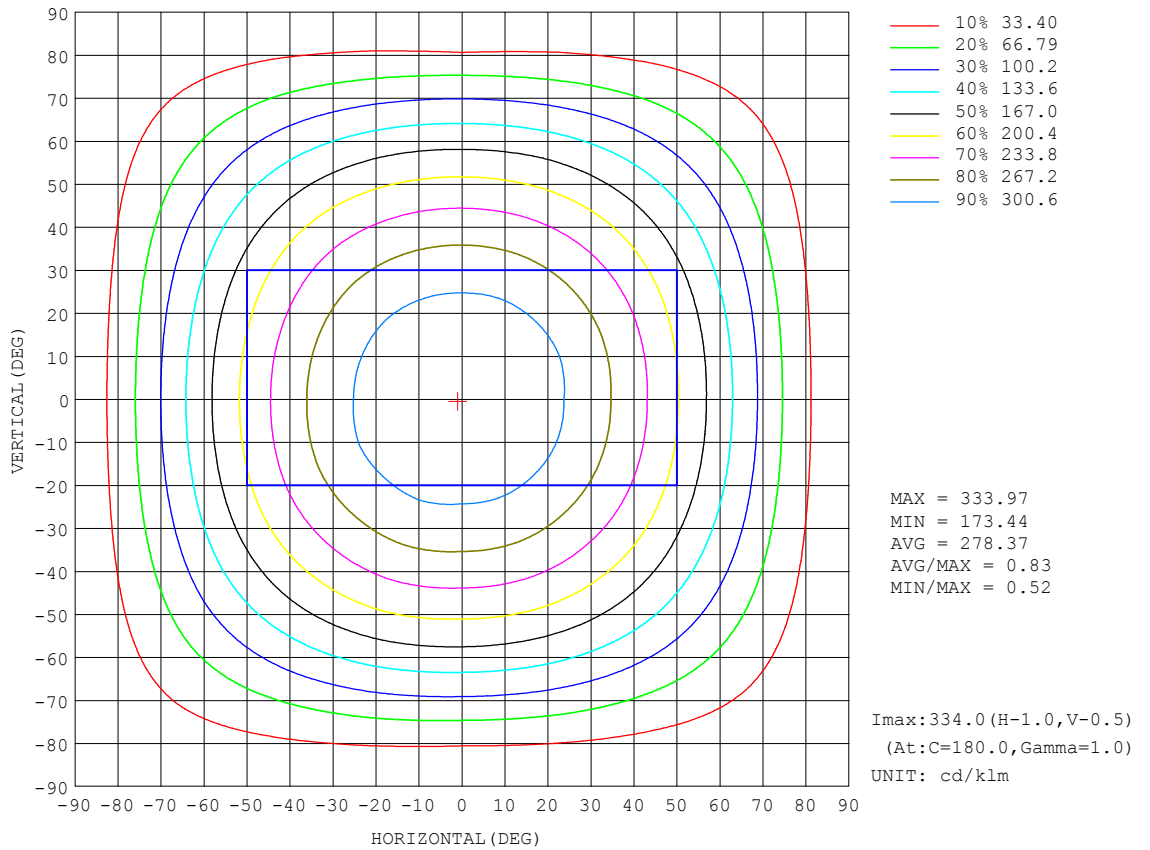
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	67	55	47	65	54	47	64	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	60
2.00	94	85	79	92	84	78	88	82	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: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

ISOCANDELA DIAGRAM

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	DIM.: 1000*10*2 (mm)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 1000*10 (mm)	Shielding Angle: 120

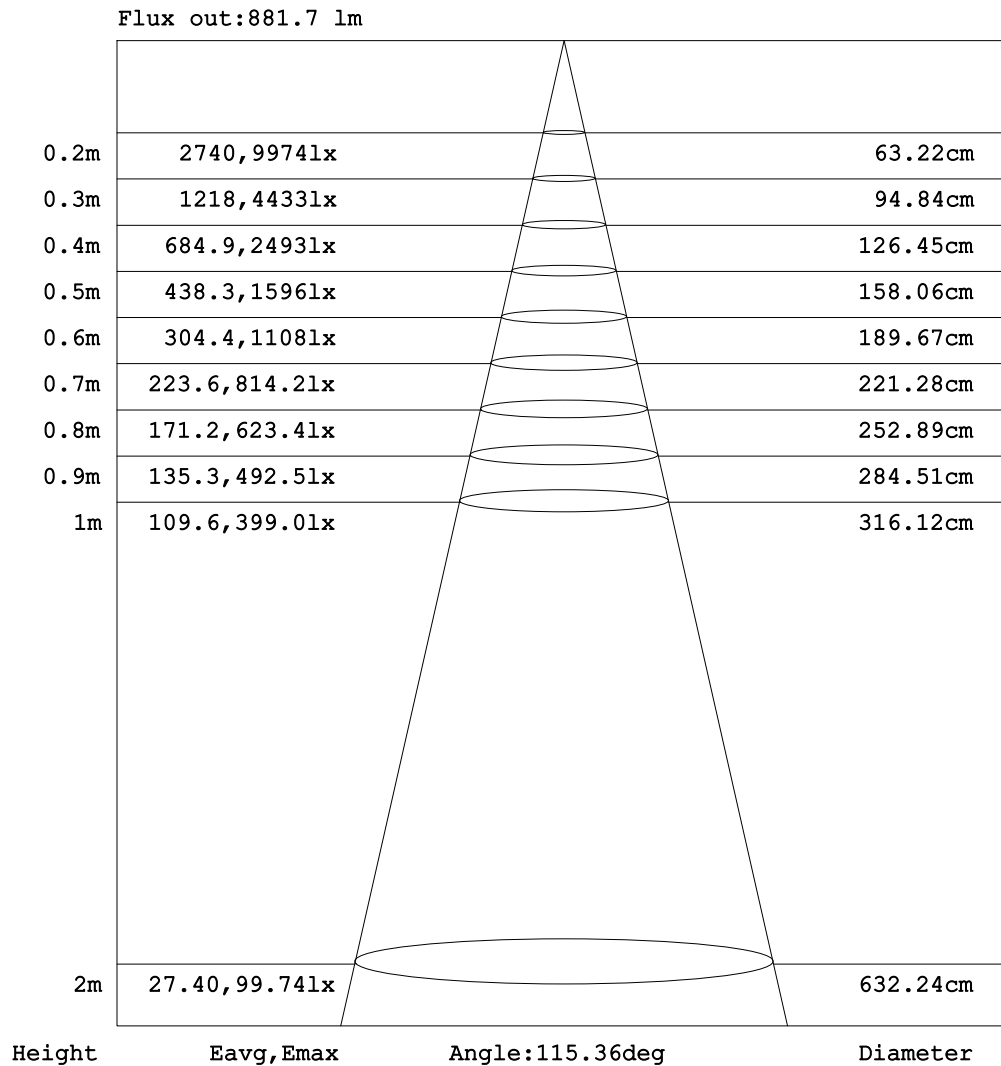


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

AAI Figure

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	DIM.: 1000*10*2 (mm)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 1000*10 (mm)	Shielding Angle: 120



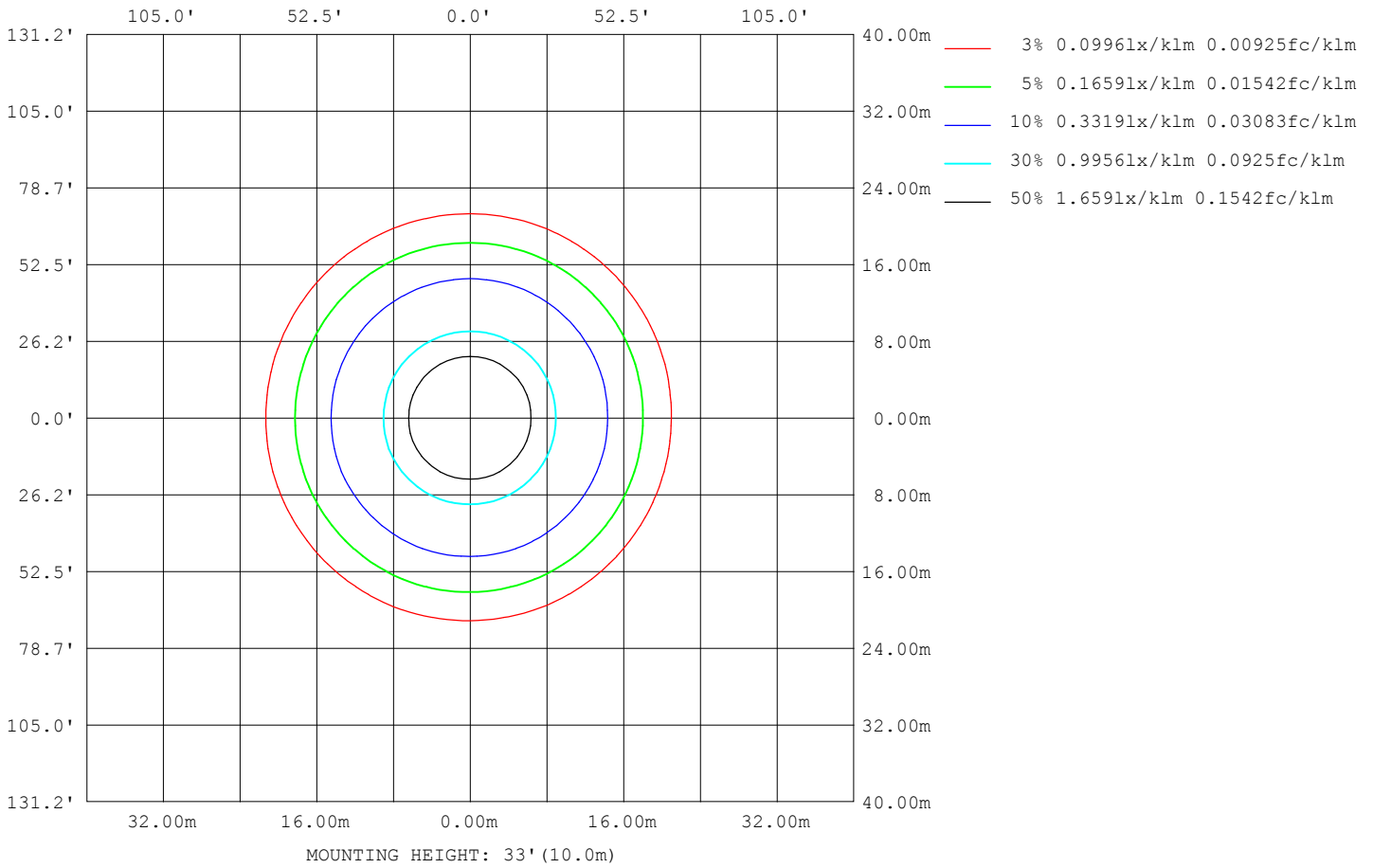
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

ISOLUX DIAGRAM

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

LED Avg.L Report

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	DIM.: 1000*10*2(mm)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 1000*10(mm)	Shielding Angle: 120

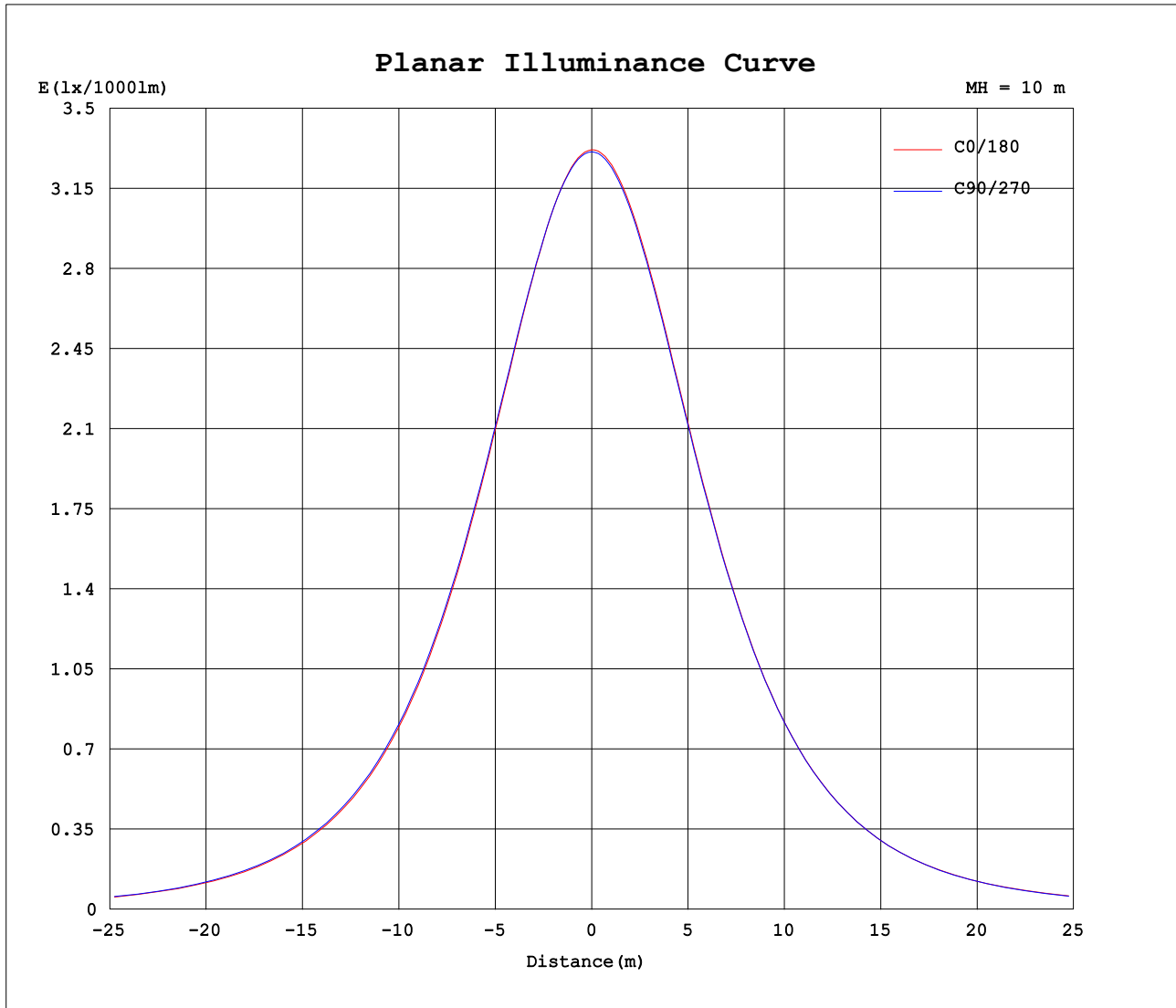
AvgL	cd/m2
L_0~180 (65) av	354814
L_0~180 (75) av	315047
L_0~180 (85) av	291651
L_90~270 (65) av	359074
L_90~270 (75) av	308970
L_90~270 (85) av	171472
L_45 (65) av	357658
L_45 (75) av	314016
L_45 (85) av	259879

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2017-05-09

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.361
 Humidity: 65.0%
 Test Distance: 7.000m [K=1.0000]

LUMINOUS DISTRIBUTION INTENSITY DATA

Test: U:12.00V I:1.264A P:15.17W PF:1.000 Freq:0Hz Lamp Flux:1193.6x1 lm		
PROD: UB-SS-30K-12V	TYPE: LED Strip	WEIGHT: 0.01kg
SPEC.: 15.1W	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	331	331	332	331	331	331	331	331	331	331			
10	326	326	326	327	327	327	328	328	328	328	328	327	327	327	327	326			
15	319	320	320	320	321	321	321	322	322	322	322	321	321	320	320	319			
20	310	310	310	311	312	312	313	313	313	313	313	312	312	311	311	310			
25	298	298	298	300	300	301	301	301	302	301	302	301	301	300	299	298			
30	283	284	284	286	286	287	287	288	288	287	288	287	287	286	285	284			
35	266	267	267	269	270	271	271	271	271	271	272	271	271	270	269	267			
40	247	248	248	250	251	252	252	253	253	253	253	253	253	251	250	248			
45	226	226	227	229	230	231	231	232	232	232	233	232	232	230	229	227			
50	202	203	204	206	207	208	208	209	209	209	210	210	209	208	206	204			
55	177	177	178	181	181	184	183	184	184	184	185	185	185	183	181	179			
60	150	150	151	153	154	156	156	157	157	158	158	158	157	156	154	152			
65	122	122	123	125	125	127	128	129	129	130	130	130	129	128	126	124			
70	92.9	92.9	93.1	94.7	95.3	97.6	98.9	100	101	101	101	100	99.4	98.3	96.8	94.4			
75	64.4	64.2	63.7	64.8	65.1	67.7	69.3	71.3	72.3	71.7	71.6	70.1	68.9	68.5	67.8	65.7			
80	38.8	38.4	37.1	37.1	36.7	39.7	41.9	44.6	45.6	44.7	43.9	41.7	37.0	40.3	40.6	39.5			
85	19.2	18.4	16.3	14.9	13.7	16.7	19.5	22.4	23.4	22.5	21.2	18.2	11.3	17.3	19.0	19.4			
90	8.35	7.58	5.58	3.40	0.61	3.62	5.78	7.92	8.71	8.08	6.73	4.22	1.37	4.38	6.80	8.19			
95	5.00	4.47	3.15	1.31	0.73	1.10	2.31	3.06	3.35	3.09	2.42	1.39	0.56	1.53	3.35	4.55			
100	3.66	3.15	1.71	0.90	0.93	0.92	1.38	2.34	2.42	2.28	1.46	0.67	0.70	0.70	1.89	3.15			
105	2.12	1.70	1.06	1.08	1.12	1.11	1.08	1.36	1.32	1.15	0.81	0.83	0.87	0.87	0.87	1.61			
110	1.27	1.20	1.21	1.27	1.29	1.29	1.24	1.20	0.96	0.93	0.95	1.00	1.04	1.03	1.00	0.98			
115	1.32	1.37	1.37	1.44	1.48	1.47	1.43	1.36	1.07	1.08	1.13	1.19	1.23	1.21	1.17	1.13			
120	1.54	1.55	1.55	1.61	1.64	1.64	1.60	1.54	1.25	1.26	1.32	1.39	1.41	1.38	1.34	1.31			
125	1.72	1.73	1.73	1.79	1.82	1.81	1.77	1.72	1.42	1.42	1.51	1.58	1.60	1.56	1.52	1.49			
130	1.90	1.91	1.92	1.96	1.98	1.98	1.94	1.89	1.61	1.61	1.70	1.77	1.78	1.74	1.71	1.67			
135	2.06	2.07	2.06	2.11	2.13	2.13	2.09	2.05	1.79	1.80	1.88	1.93	1.95	1.92	1.88	1.85			
140	2.21	2.19	2.21	2.25	2.27	2.26	2.23	2.20	1.97	1.98	2.05	2.10	2.12	2.07	2.04	2.02			
145	2.36	2.30	2.35	2.38	2.40	2.39	2.36	2.34	2.14	2.15	2.19	2.26	2.27	2.24	2.20	2.18			
150	2.49	2.44	2.48	2.50	2.50	2.51	2.48	2.46	2.31	2.31	2.32	2.40	2.41	2.37	2.36	2.34			
155	2.62	2.59	2.56	2.60	2.61	2.60	2.58	2.58	2.46	2.46	2.47	2.52	2.53	2.49	2.50	2.47			
160	2.72	2.70	2.62	2.69	2.68	2.69	2.67	2.67	2.60	2.57	2.59	2.62	2.62	2.60	2.60	2.59			
165	2.81	2.81	2.73	2.76	2.76	2.76	2.75	2.75	2.72	2.69	2.71	2.72	2.72	2.70	2.69	2.73			
170	2.88	2.85	2.81	2.82	2.81	2.81	2.80	2.82	2.82	2.79	2.80	2.80	2.79	2.78	2.77	2.82			
175	2.92	2.88	2.86	2.86	2.85	2.85	2.84	2.86	2.92	2.85	2.86	2.85	2.85	2.83	2.83	2.84			
180	2.94	2.90	2.90	2.88	2.88	2.87	2.87	2.88	2.93	2.89	2.89	2.89	2.88	2.87	2.87	2.89			

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