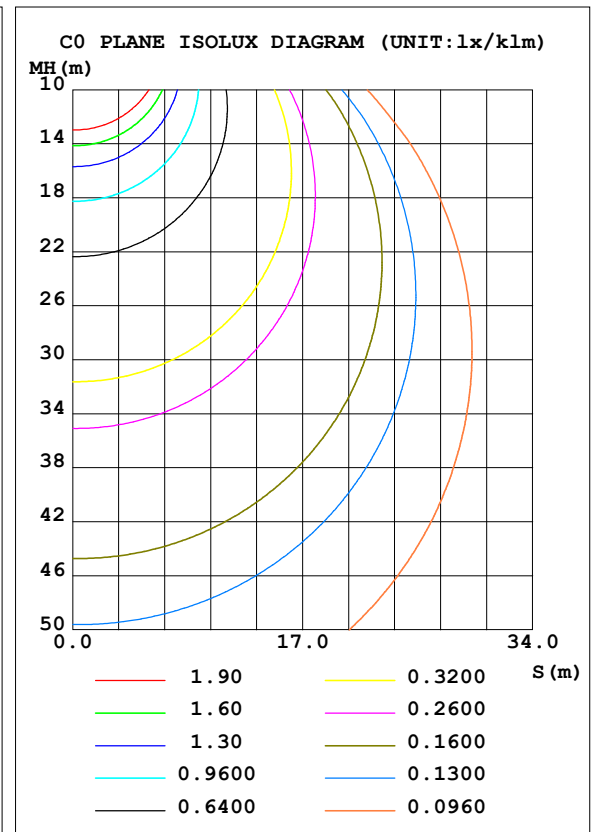
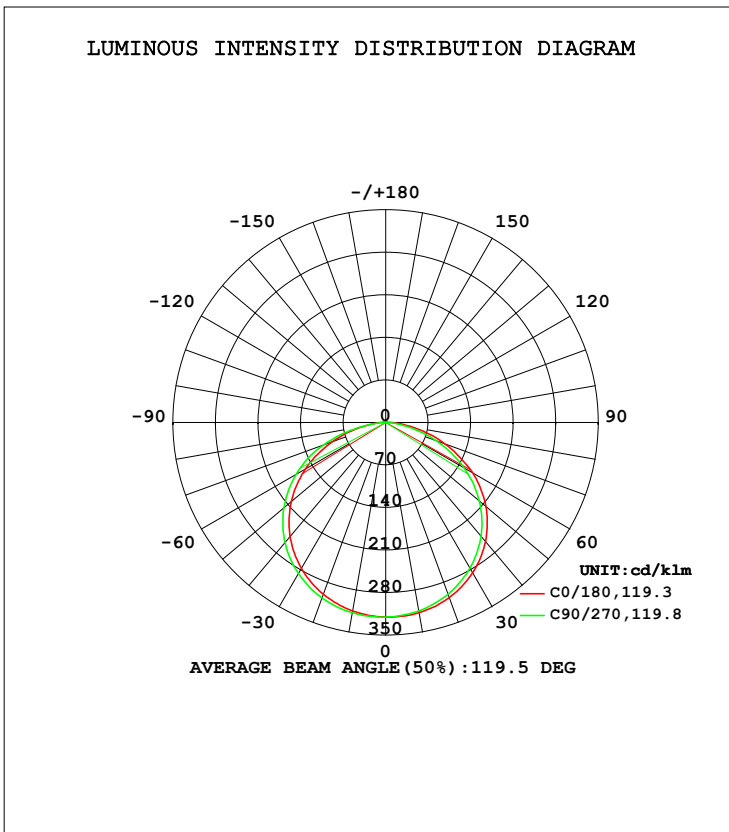


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:24.000V I:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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: 173.18 lm/W			
MODEL	SMD /LED	I <sub>max</sub> (cd/klm)	320.5	S/MH(C0/180)	1.29
NOMINAL POWER(W)	21.168	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	24	TOTAL FLUX(lm/klm)	1000.0	η UP, DN(C0-180)	0.6,48.0
NOMINAL FLUX(lm)	3665.91	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,50.8
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:

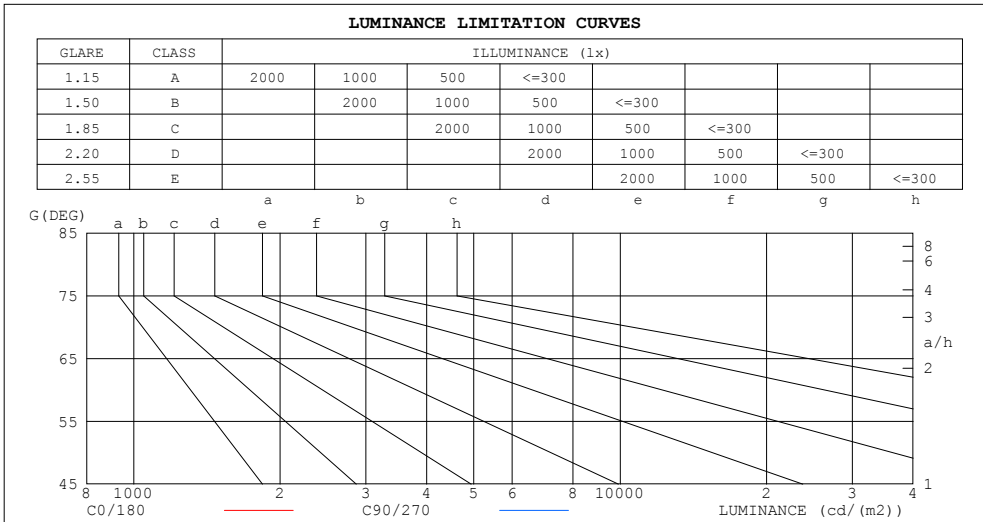
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	317.8	316.4	314.8	313.9	314.9	316.3	317.9	318.8	0- 10	30.38	30.38	3.04,3.04
20	306.6	303.8	300.6	298.7	300.7	303.8	307.1	308.7	10- 20	87.91	118.3	11.8,11.8
30	286.0	281.9	277.2	274.4	277.5	282.3	287.3	289.5	20- 30	135.6	253.9	25.4,25.4
40	255.6	250.3	244.2	240.7	244.9	251.5	257.9	260.7	30- 40	167.4	421.3	42.1,42.1
50	215.3	208.6	201.3	197.4	202.9	211.1	218.7	221.5	40- 50	178.4	599.7	60,60
60	164.9	157.0	148.6	145.0	152.0	161.4	169.8	173.0	50- 60	165.6	765.4	76.5,76.5
70	104.6	97.25	88.71	85.87	94.10	103.9	109.6	115.1	60- 70	128.8	894.1	89.4,89.4
80	44.75	37.50	30.67	29.84	36.80	44.63	40.04	53.28	70- 80	73.48	967.6	96.8,96.8
90	6.275	3.537	0.5863	1.774	2.490	4.868	1.495	8.955	80- 90	20.50	988.1	98.8,98.8
100	0.9569	0.9445	0.9764	0.9908	0.9033	0.8255	0.7581	0.8181	90-100	1.672	989.8	99,99
110	1.176	1.245	1.406	1.405	1.137	1.180	1.172	1.071	100-110	1.098	990.9	99.1,99.1
120	1.586	1.622	1.822	1.847	1.637	1.700	1.620	1.514	110-120	1.431	992.3	99.2,99.2
130	2.057	2.125	2.241	2.304	2.136	2.178	2.042	1.931	120-130	1.708	994.0	99.4,99.4
140	2.440	2.484	2.588	2.637	2.478	2.584	2.433	2.332	130-140	1.791	995.8	99.6,99.6
150	2.768	2.803	2.879	2.916	2.813	2.872	2.748	2.673	140-150	1.668	997.5	99.7,99.7
160	3.042	3.066	3.091	3.103	3.083	3.084	2.991	2.921	150-160	1.352	998.8	99.9,99.9
170	3.229	3.233	3.201	3.231	3.244	3.241	3.167	3.128	160-170	0.8850	999.7	100,100
180	3.176	3.156	3.102	3.118	3.171	3.154	3.098	3.114	170-180	0.3049	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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	86539	41192
80	94450	64774
75	104762	82564
70	112127	95123
65	116314	103577
60	120842	109035
55	122197	112614
50	122732	114845
45	122670	116138

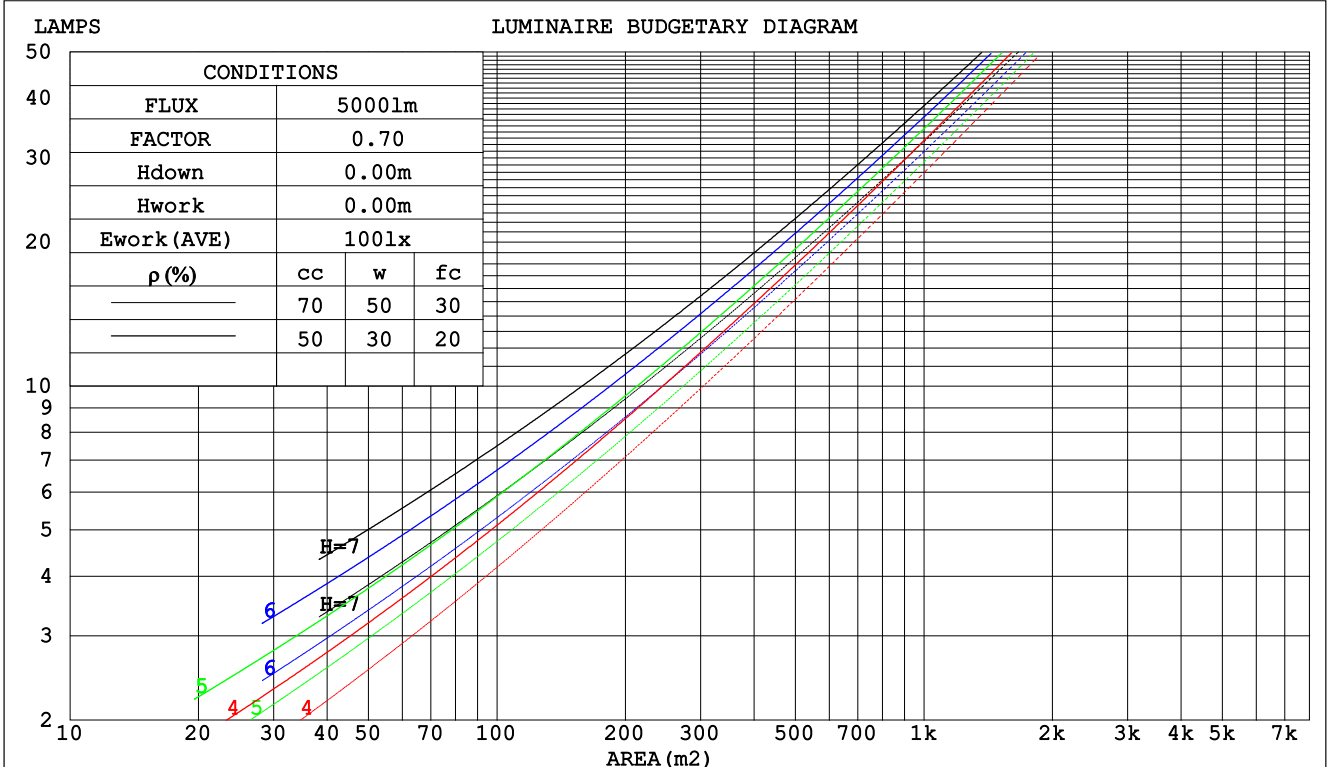
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Test Date:2019-12-5

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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.91x1 lm		
NAME: UB-IS-50K80C	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	.73	.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	.52	.46	.60	.52	.45	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.27	.39	.32	.27	.38	.32	.27	.25
10.0	.38	.30	.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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.91x1 lm								
NAME: UB-IS-50K80C			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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.317	.180	.057	.309	.176	.056	.295	.169	.054	.282	.163	.052	.270	.157	.051	
2.0	.297	.163	.050	.291	.160	.049	.278	.155	.048	.267	.150	.047	.256	.145	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.042	.248	.136	.042	.238	.132	.041	
4.0	.253	.131	.039	.248	.130	.038	.238	.126	.038	.229	.123	.037	.220	.120	.036	
5.0	.234	.119	.034	.229	.118	.034	.220	.115	.034	.212	.112	.033	.205	.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	

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						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	.163	.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	.087	.049	.094	.060	.034	.055	.036	.020	.018	.012	.007	
6.0	.153	.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:2019-12-5

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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm										
NAME: UB-IS-50K80C					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	29.6	31.2	29.9	31.4	31.6	29.3	30.8	29.6	31.0	31.3
3H	31.2	32.7	31.6	32.9	33.2	30.7	32.1	31.0	32.4	32.6
4H	31.9	33.2	32.2	33.5	33.8	31.2	32.6	31.5	32.8	33.1
6H	32.3	33.6	32.7	33.9	34.2	31.5	32.8	31.9	33.1	33.4
8H	32.5	33.7	32.8	34.0	34.3	31.6	32.8	31.9	33.1	33.4
12H	32.6	33.8	32.9	34.1	34.4	31.6	32.7	31.9	33.1	33.4
4H 2H	30.2	31.6	30.5	31.8	32.1	29.9	31.3	30.3	31.6	31.8
3H	32.0	33.2	32.4	33.5	33.8	31.5	32.7	31.9	33.0	33.4
4H	32.8	33.8	33.2	34.2	34.5	32.2	33.2	32.6	33.6	34.0
6H	33.3	34.3	33.7	34.7	35.1	32.6	33.5	33.0	33.9	34.3
8H	33.5	34.4	34.0	34.8	35.2	32.7	33.5	33.1	33.9	34.3
12H	33.7	34.5	34.1	34.9	35.3	32.7	33.5	33.1	33.9	34.3
8H 4H	33.0	33.9	33.4	34.3	34.7	32.4	33.3	32.9	33.7	34.1
6H	33.7	34.4	34.1	34.8	35.3	33.0	33.7	33.4	34.1	34.6
8H	34.0	34.6	34.4	35.1	35.5	33.1	33.8	33.6	34.2	34.7
12H	34.2	34.7	34.7	35.2	35.7	33.2	33.8	33.7	34.2	34.8
12H 4H	33.0	33.8	33.4	34.2	34.6	32.5	33.3	32.9	33.7	34.1
6H	33.7	34.4	34.2	34.8	35.3	33.0	33.7	33.5	34.1	34.6
8H	34.0	34.6	34.5	35.1	35.6	33.2	33.8	33.7	34.3	34.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 3666 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:2019-12-5

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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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

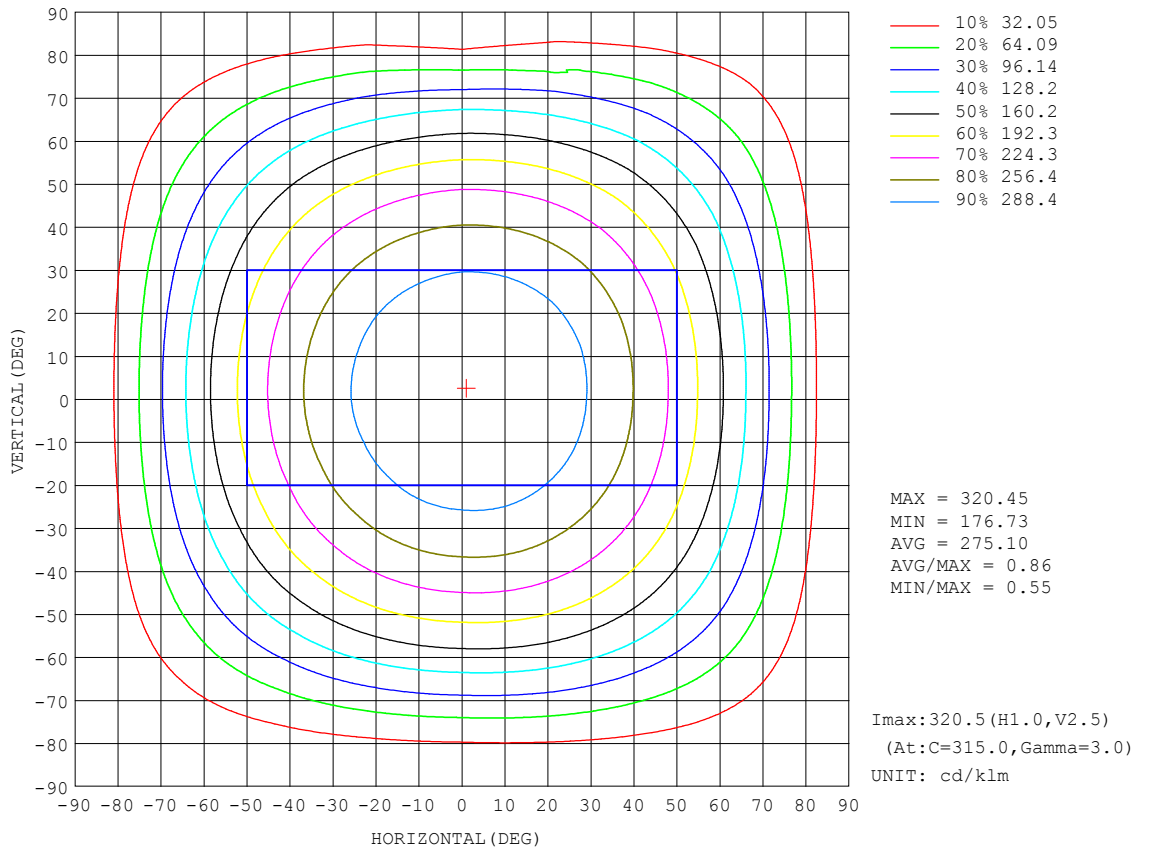
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	55	71	64	55	47
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	89	99	93	87	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.91x1 lm		
NAME: UB-IS-50K80C	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



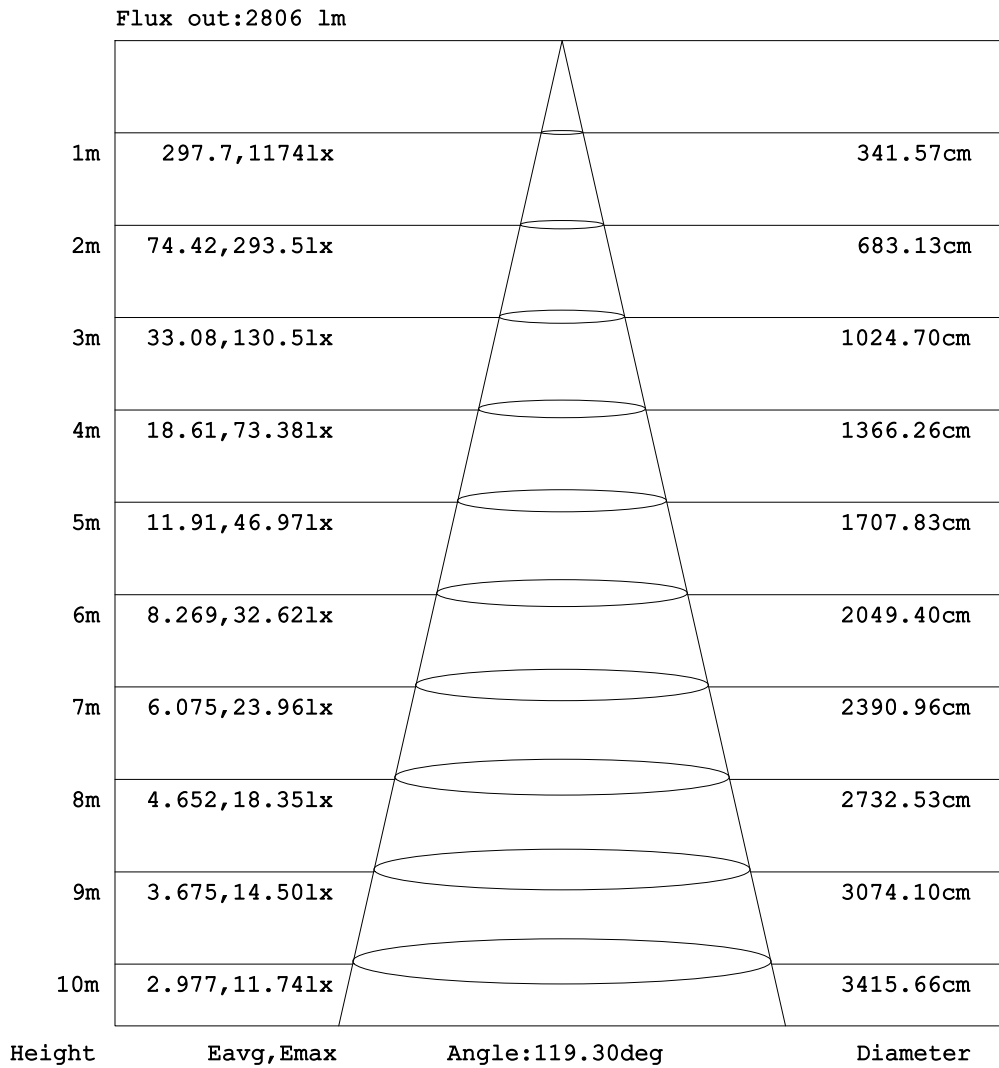
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Test Date:2019-12-5

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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.91x1 lm		
NAME: UB-IS-50K80C	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



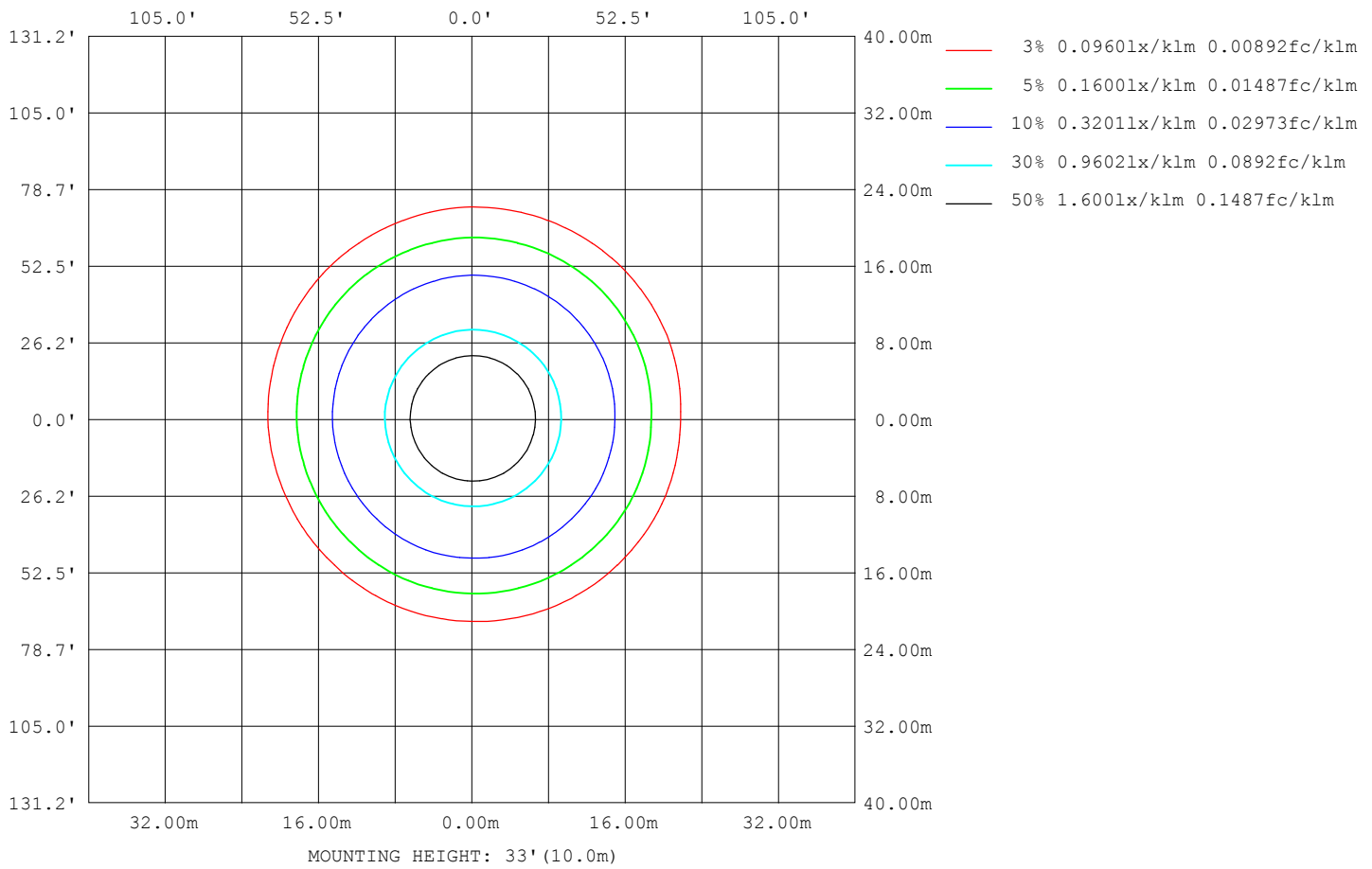
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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

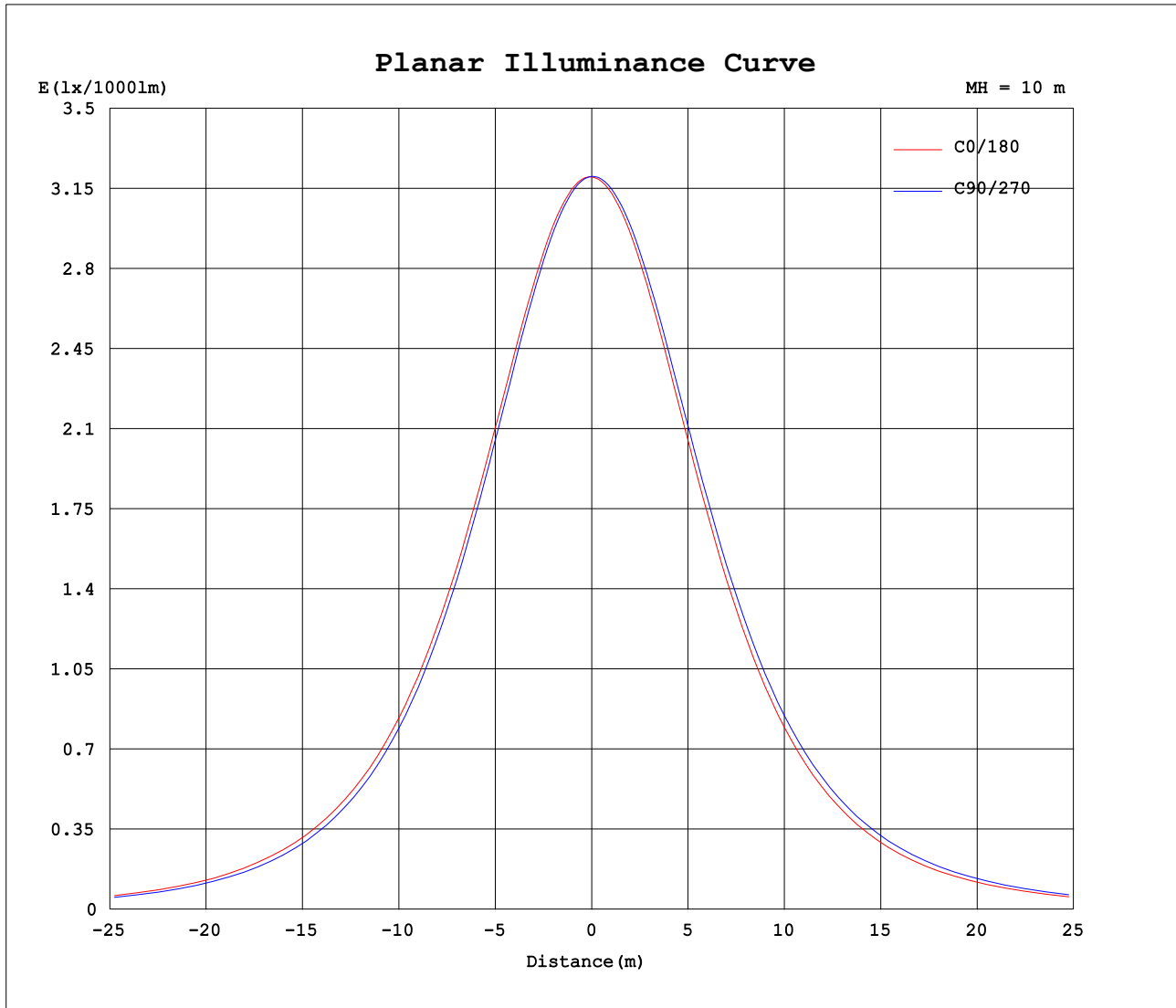
AvgL	cd/m2
L_0~180 (65) av	111817
L_0~180 (75) av	98222
L_0~180 (85) av	74769
L_90~270 (65) av	113328
L_90~270 (75) av	94370
L_90~270 (85) av	44215
L_45 (65) av	113219
L_45 (75) av	99306
L_45 (85) av	76410

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.8820A P:21.168W PF:1.0000 Freq:0Hz Lamp Flux:3665.9lx1 lm		
NAME: UB-IS-50K80C	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	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320			
5	320	320	319	319	319	318	318	318	319	319	319	320	320	320	320	320			
10	318	317	316	316	315	314	314	314	315	315	316	317	318	318	319	318			
15	313	312	311	310	309	308	307	308	309	310	311	312	314	314	315	315			
20	307	305	304	302	301	300	299	299	301	302	304	305	307	308	309	308			
25	297	296	294	292	290	289	288	288	290	292	294	296	298	299	300	300			
30	286	284	282	280	277	276	274	275	278	279	282	285	287	289	290	289			
35	272	270	267	265	262	260	259	259	262	265	268	271	274	275	276	275			
40	256	253	250	248	244	242	241	241	245	248	251	255	258	260	261	259			
45	237	234	231	228	224	222	220	221	225	228	232	236	240	241	243	241			
50	215	213	209	205	201	199	197	199	203	207	211	215	219	221	222	220			
55	191	188	184	181	176	174	172	174	179	183	187	191	195	198	199	197			
60	165	162	157	153	149	147	145	147	152	156	161	166	170	172	173	171			
65	134	133	128	124	119	118	116	118	124	128	133	138	142	144	145	142			
70	105	103	97.2	93.5	88.7	87.1	85.9	88.3	94.1	98.8	104	108	110	114	115	112			
75	74.0	71.2	66.3	62.5	58.3	57.0	56.3	58.8	64.7	69.1	73.8	77.3	75.0	83.1	84.1	81.4			
80	44.8	41.2	37.5	34.1	30.7	29.8	29.8	32.0	36.8	40.8	44.6	47.7	40.0	52.1	53.3	51.0			
85	20.6	18.3	14.9	12.5	9.79	9.84	10.2	12.0	15.0	17.5	20.5	22.3	11.2	25.4	27.1	25.3			
90	6.28	5.18	3.54	2.30	0.59	1.69	1.77	2.03	2.49	3.56	4.87	5.36	1.50	7.76	8.96	8.52			
95	1.69	1.39	1.07	0.83	0.76	0.80	1.01	1.01	0.82	0.87	0.90	0.74	0.58	0.92	1.85	2.22			
100	0.96	0.95	0.94	0.92	0.98	0.98	0.99	1.05	0.90	0.89	0.83	0.78	0.76	0.73	0.82	0.90			
105	1.02	1.04	1.06	1.12	1.20	1.21	1.19	1.15	0.96	0.96	0.97	0.98	0.96	0.91	0.89	0.87			
110	1.18	1.19	1.25	1.32	1.41	1.43	1.41	1.35	1.14	1.17	1.18	1.21	1.17	1.12	1.07	1.01			
115	1.36	1.39	1.44	1.53	1.61	1.64	1.62	1.57	1.37	1.41	1.44	1.44	1.39	1.33	1.29	1.24			
120	1.59	1.61	1.62	1.74	1.82	1.86	1.85	1.80	1.64	1.68	1.70	1.69	1.62	1.54	1.51	1.51			
125	1.83	1.86	1.90	1.96	2.04	2.08	2.08	2.05	1.97	1.93	1.95	1.91	1.84	1.76	1.73	1.75			
130	2.06	2.08	2.12	2.17	2.24	2.30	2.30	2.28	2.14	2.15	2.18	2.12	2.04	1.97	1.93	1.95			
135	2.25	2.27	2.31	2.36	2.42	2.47	2.47	2.45	2.30	2.44	2.39	2.32	2.24	2.18	2.14	2.15			
140	2.44	2.45	2.48	2.54	2.59	2.63	2.64	2.63	2.48	2.57	2.58	2.51	2.43	2.37	2.33	2.35			
145	2.61	2.62	2.65	2.72	2.75	2.77	2.78	2.78	2.65	2.69	2.77	2.68	2.60	2.54	2.51	2.53			
150	2.77	2.79	2.80	2.86	2.88	2.90	2.92	2.90	2.81	2.77	2.87	2.85	2.75	2.70	2.67	2.71			
155	2.91	2.92	2.94	2.98	3.00	3.01	3.02	2.98	2.94	2.90	2.97	2.97	2.87	2.82	2.80	2.84			
160	3.04	3.03	3.07	3.08	3.09	3.08	3.10	3.12	3.08	3.04	3.08	3.06	2.99	2.94	2.92	2.97			
165	3.16	3.15	3.16	3.15	3.15	3.14	3.17	3.20	3.16	3.14	3.18	3.14	3.09	3.05	3.03	3.08			
170	3.23	3.22	3.23	3.20	3.20	3.20	3.23	3.28	3.24	3.20	3.24	3.20	3.17	3.14	3.13	3.17			
175	3.25	3.21	3.23	3.20	3.22	3.22	3.25	3.29	3.18	3.15	3.16	3.13	3.09	3.07	3.08	3.13			
180	3.18	3.13	3.16	3.12	3.10	3.09	3.12	3.15	3.17	3.13	3.15	3.12	3.10	3.09	3.11	3.15			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
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γ Range: 0 - 180DEG  
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 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
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