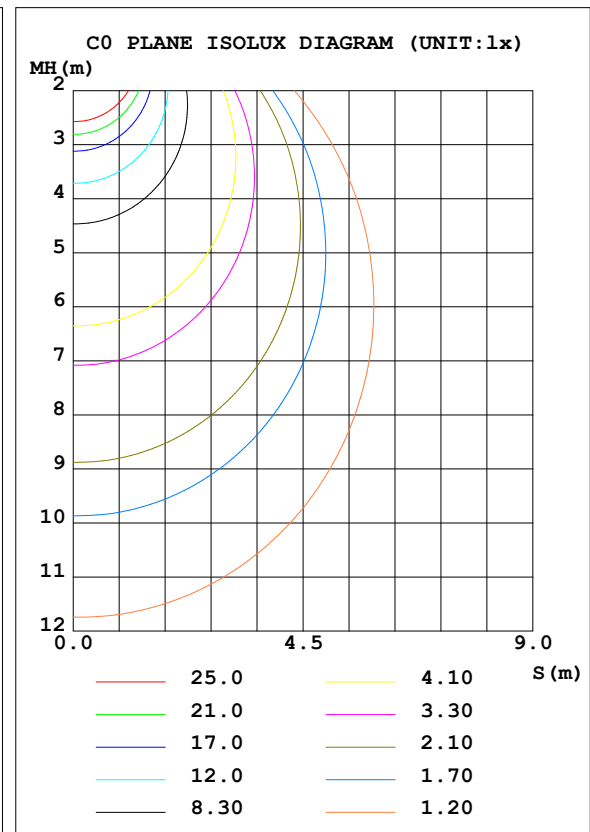
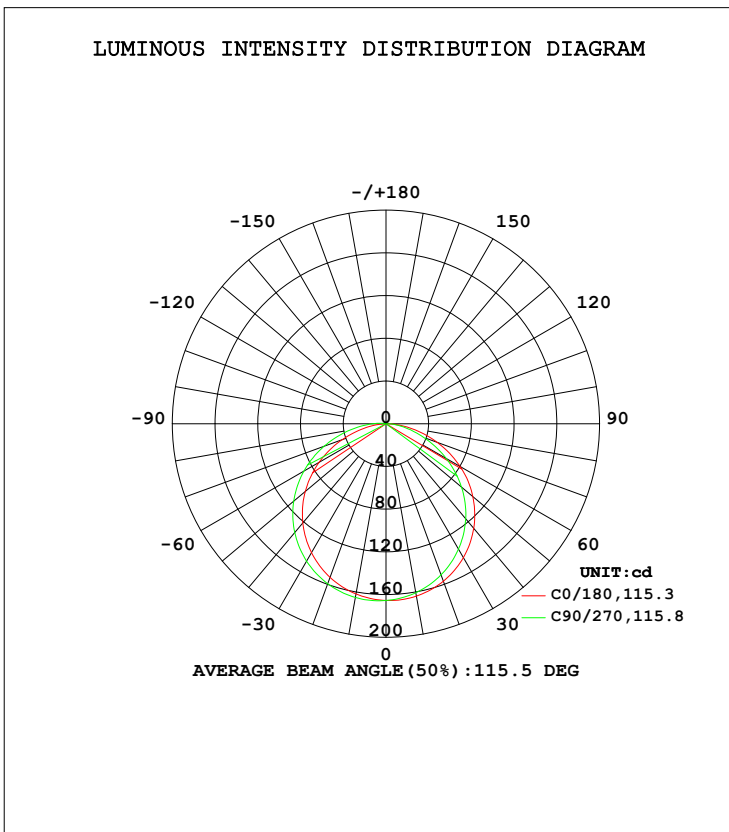


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.86 lm/W			
MODEL		I _{max} (cd)	166.0	S/MH (C0/180)	1.25
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)		TOTAL FLUX (lm)	498.69	η UP, DN (C0-180)	0.3, 47.7
NOMINAL FLUX (lm)	498.553	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 51.4
LAMPS INSIDE	1	η up (%)	1.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	99.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
ZONAL FLUX DIAGRAM:

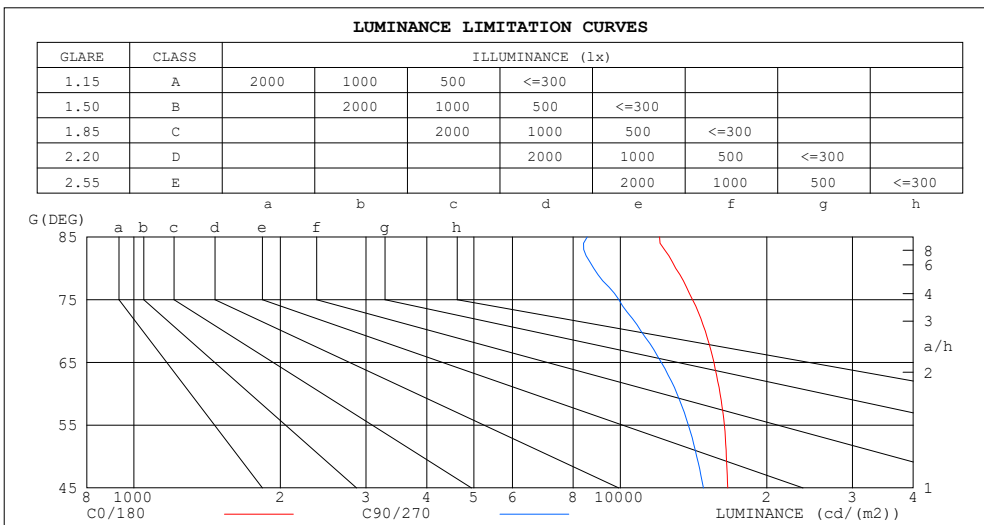
γ	C0	C90	C180	C270				γ	Φ zone	Φ total	%lum, lamp
10	163.9	160.7	161.8	165.2				0- 10	15.67	15.67	3.14,3.14
20	157.0	150.7	153.1	159.4				10- 20	45.06	60.74	12.2,12.2
30	144.9	135.7	139.5	148.6				20- 30	68.79	129.5	26,26
40	127.8	116.2	121.2	132.9				30- 40	83.77	213.3	42.8,42.8
50	106.2	92.30	98.62	112.8				40- 50	87.94	301.2	60.4,60.4
60	80.17	65.39	72.45	88.76				50- 60	80.42	381.7	76.5,76.6
70	51.15	37.71	43.46	61.71				60- 70	62.04	443.7	89,89
80	22.57	15.32	16.39	34.14				70- 80	36.85	480.5	96.4,96.4
90	2.083	2.989	1.124	12.39				80- 90	13.17	493.7	99,99
100	0.1724	0.4672	0.2465	2.752				90-100	2.508	496.2	99.5,99.5
110	0.1949	0.3572	0.3574	0.2616				100-110	0.4387	496.7	99.6,99.6
120	0.3151	0.4081	0.4558	0.2897				110-120	0.3250	497.0	99.7,99.7
130	0.3817	0.5296	0.5592	0.3546				120-130	0.3679	497.4	99.7,99.8
140	0.5291	0.6036	0.6454	0.4678				130-140	0.3867	497.7	99.8,99.8
150	0.5647	0.6932	0.6979	0.5604				140-150	0.3765	498.1	99.9,99.9
160	0.6159	0.7390	0.7511	0.6083				150-160	0.3005	498.4	99.9,100
170	0.7141	0.7576	0.7767	0.7142				160-170	0.1984	498.6	100,100
180	0.7513	0.7636	0.7636	0.7636				170-180	0.0714	498.7	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12041	8550
80	12996	8822
75	14071	9930
70	14957	11027
65	15576	12142
60	16034	13077
55	16371	13805
50	16515	14359
45	16628	14818

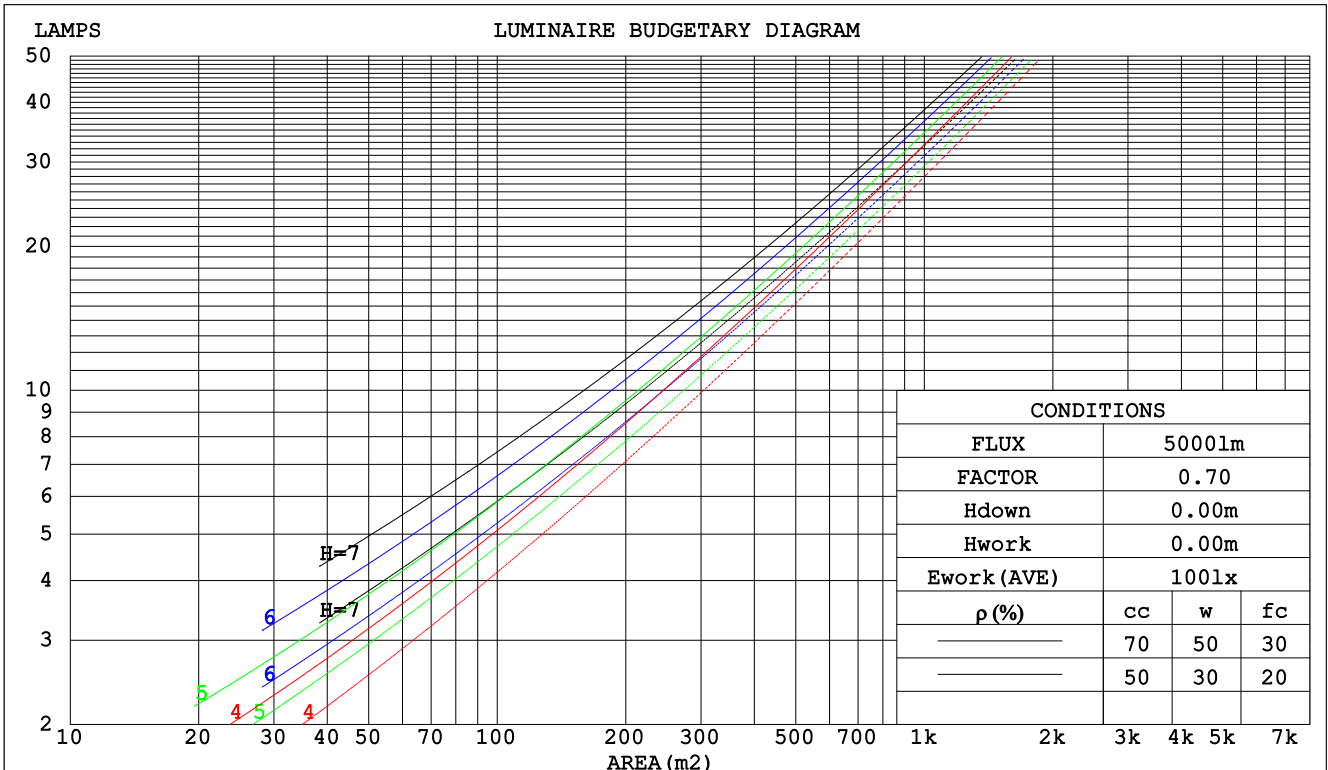
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	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						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	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	.89	.87	.88	.86	.84	.82
2.0	.90	.82	.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	.60	.53	.65	.58	.52	.63	.56	.51	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.46	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm								
NAME: UB-AT1-DYN276295C			TYPE: LED Strip			WEIGHT:		
SPEC.: 5.75W			DIM.: 1000*10*2 (MM)			SERIAL No.: 001		
MFR.: Flexfire LEDs, Inc.			SUR.: 0.01*1			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	.321	.183	.058	.314	.179	.057	.300	.172	.055	.287	.165	.053	.275	.159	.051	
2.0	.299	.164	.050	.292	.161	.050	.280	.156	.048	.268	.151	.047	.258	.146	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.239	.132	.041	
4.0	.253	.131	.039	.248	.130	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037	
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	.187	.091	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.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	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.189	.164	.141	.162	.141	.122	.110	.097	.084	.064	.056	.049	.020	.018	.016	
2.0	.181	.140	.105	.155	.120	.091	.106	.083	.063	.061	.048	.037	.020	.016	.012	
3.0	.173	.122	.081	.148	.105	.071	.102	.073	.050	.059	.043	.029	.019	.014	.010	
4.0	.166	.109	.066	.142	.094	.057	.098	.066	.040	.057	.038	.024	.018	.013	.008	
5.0	.158	.099	.055	.136	.085	.047	.094	.060	.034	.054	.035	.020	.017	.011	.007	
6.0	.151	.090	.047	.130	.078	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
7.0	.144	.083	.041	.124	.072	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
8.0	.137	.078	.036	.118	.067	.032	.082	.047	.023	.048	.028	.013	.015	.009	.004	
9.0	.131	.073	.033	.113	.063	.029	.078	.044	.020	.046	.026	.012	.015	.009	.004	
10.0	.126	.068	.030	.108	.059	.026	.075	.042	.019	.044	.025	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm										
NAME: UB-AT1-DYN276295C					TYPE: LED Strip			WEIGHT:		
SPEC.: 5.75W					DIM.: 1000*10*2 (MM)			SERIAL No.: 001		
MFR.: Flexfire LEDs, Inc.					SUR.: 0.01*1			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	26.6	26.8	24.2	25.7	24.4	25.9	26.1
3H	26.5	27.9	26.8	28.1	28.4	25.5	26.9	25.8	27.1	27.4
4H	27.1	28.5	27.5	28.7	29.0	25.9	27.3	26.3	27.6	27.8
6H	27.6	28.9	28.0	29.2	29.5	26.3	27.6	26.6	27.8	28.1
8H	27.8	29.0	28.1	29.3	29.6	26.4	27.6	26.8	27.9	28.2
12H	27.9	29.1	28.3	29.4	29.7	26.5	27.6	26.8	28.0	28.3
4H 2H	25.4	26.7	25.7	27.0	27.3	24.8	26.2	25.2	26.4	26.7
3H	27.2	28.3	27.5	28.7	29.0	26.3	27.5	26.7	27.8	28.1
4H	27.9	29.0	28.3	29.4	29.7	26.9	28.0	27.3	28.4	28.7
6H	28.6	29.5	29.0	29.9	30.3	27.4	28.4	27.8	28.7	29.1
8H	28.8	29.7	29.2	30.1	30.5	27.6	28.4	28.0	28.8	29.2
12H	29.0	29.8	29.4	30.2	30.6	27.7	28.5	28.1	28.9	29.3
8H 4H	28.1	29.0	28.6	29.4	29.8	27.3	28.1	27.7	28.5	28.9
6H	28.9	29.7	29.4	30.1	30.5	27.9	28.6	28.3	29.0	29.5
8H	29.2	29.9	29.7	30.3	30.8	28.1	28.8	28.6	29.2	29.7
12H	29.5	30.1	30.0	30.5	31.0	28.3	28.9	28.8	29.3	29.8
12H 4H	28.1	29.0	28.6	29.4	29.8	27.3	28.1	27.7	28.5	28.9
6H	29.0	29.6	29.4	30.1	30.5	27.9	28.6	28.4	29.1	29.5
8H	29.3	29.9	29.8	30.4	30.9	28.2	28.8	28.7	29.3	29.8
Variations with the observer position at spacings(CIE Pub.117):										
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, 498.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120

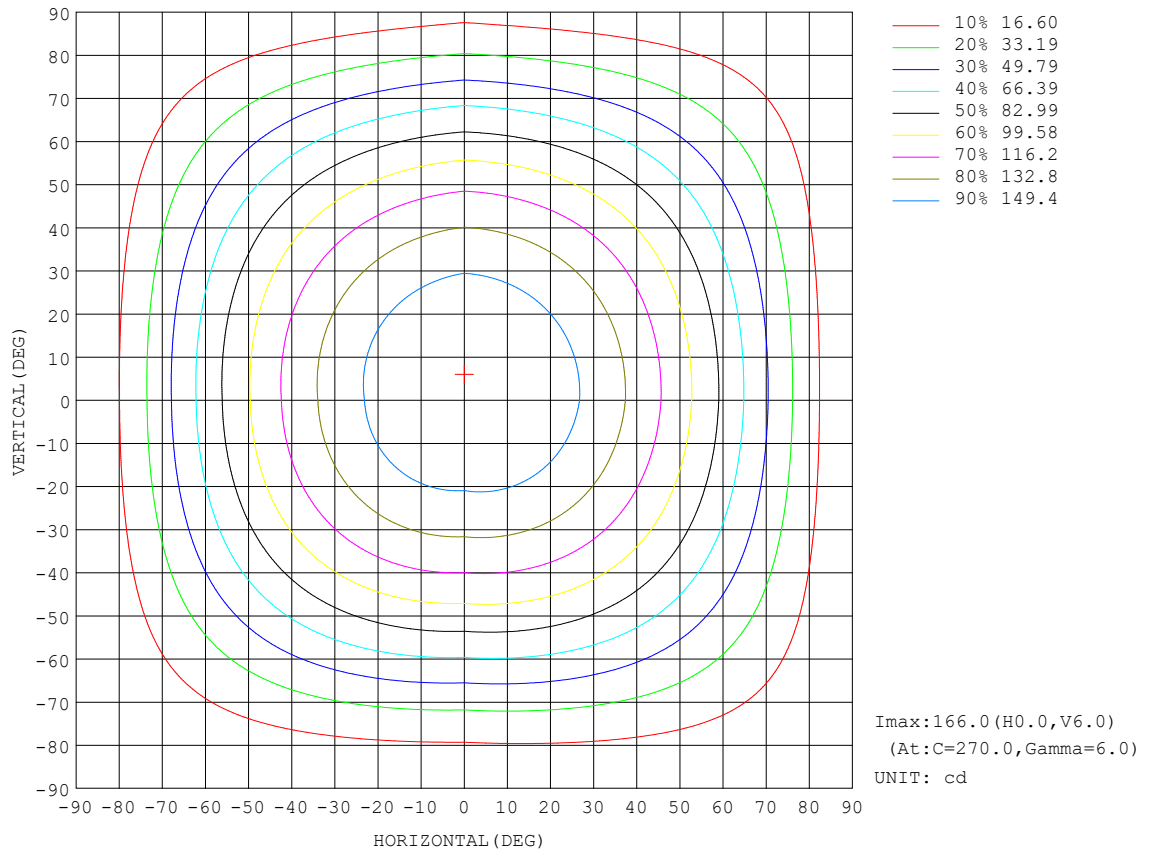
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	45	38	56	44	37	54	44	37	31
0.80	66	55	47	65	54	47	64	53	47	39
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	63	55
1.50	87	77	70	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	88	99	93	87	95	89	85	76
4.00	105	99	95	103	98	93	99	94	90	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: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120

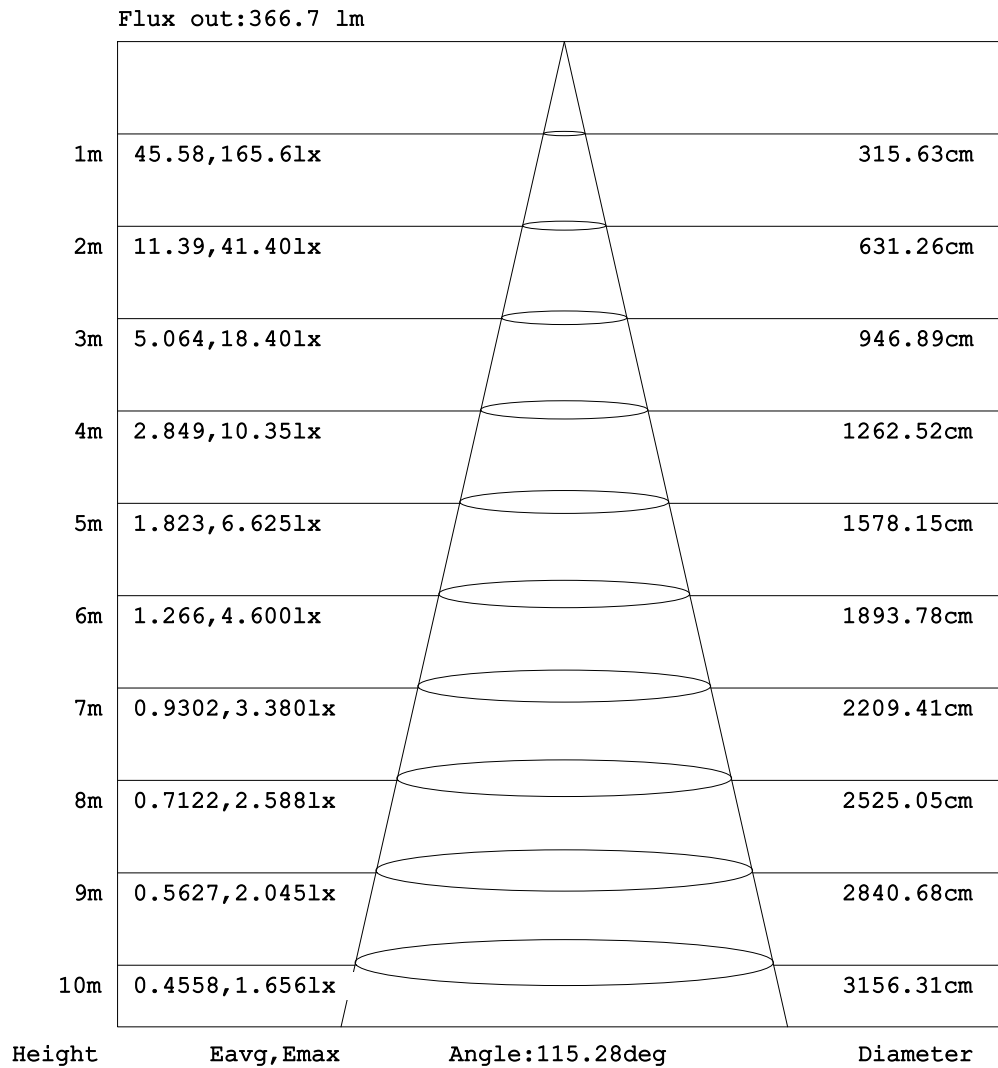


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120



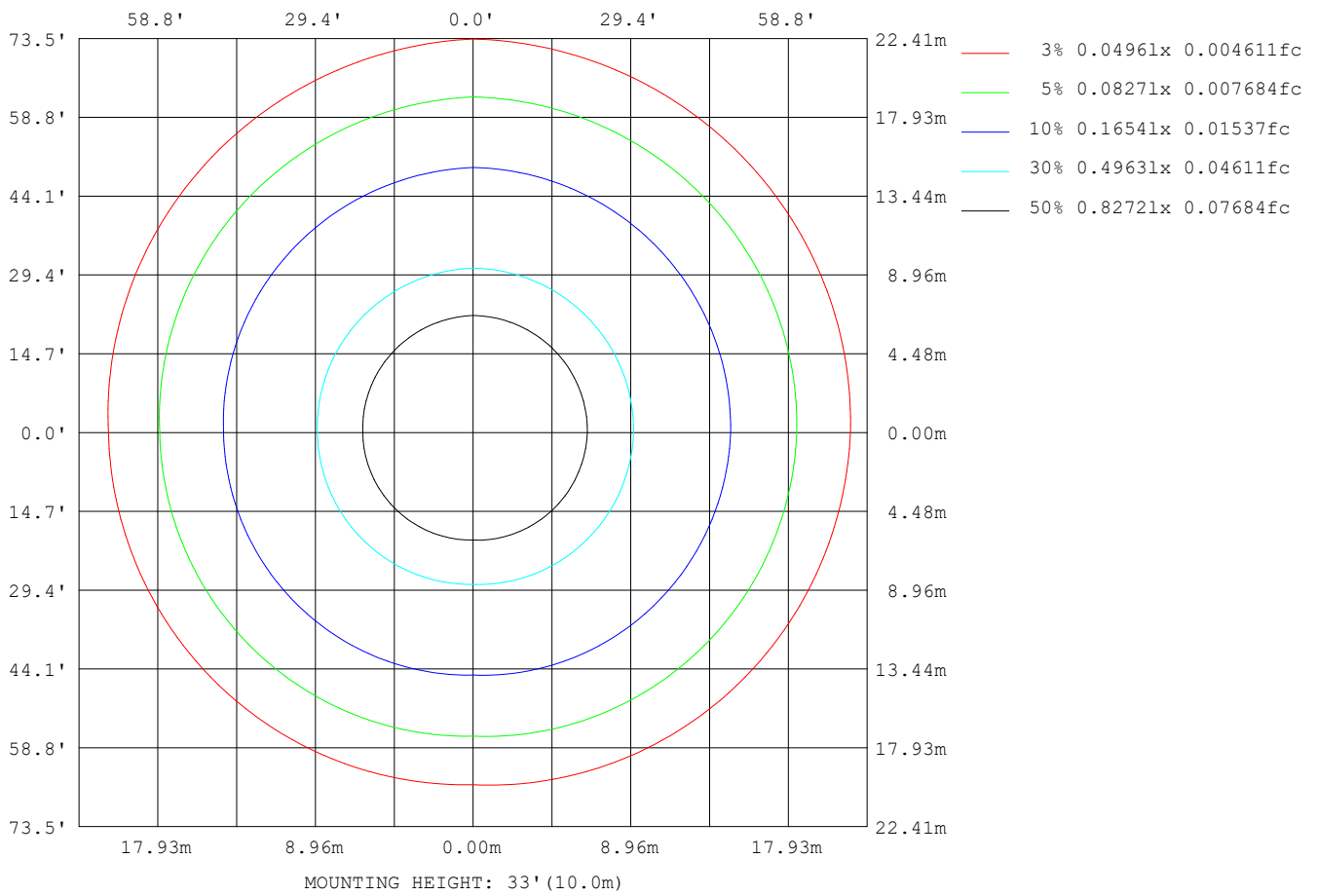
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120

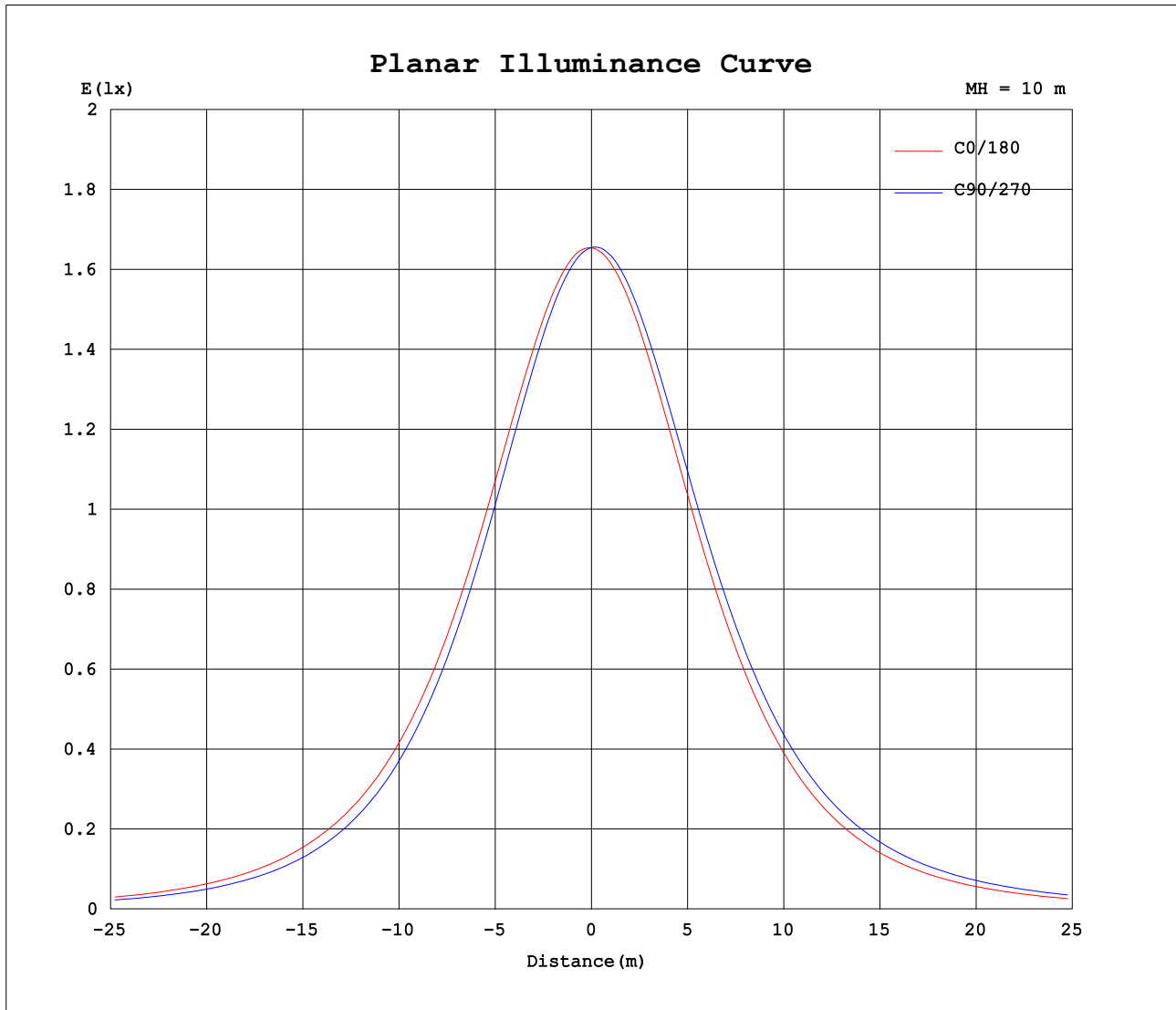
AvgL	cd/m2
L_0~180 (65) av	14680
L_0~180 (75) av	12669
L_0~180 (85) av	9429
L_90~270 (65) av	15004
L_90~270 (75) av	14180
L_90~270 (85) av	16850
L_45 (65) av	14827
L_45 (75) av	13526
L_45 (85) av	13904

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 8.700m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.001V I:0.2392A P:5.7410W PF:1.0000 Freq:0Hz Lamp Flux:498.553x1 lm		
NAME: UB-AT1-DYN276295C	TYPE: LED Strip	WEIGHT:
SPEC.: 5.75W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.01*1	Shielding Angle: 120

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	90	180	270															
0	165	166	165	166															
5	165	164	164	166															
10	164	161	162	165															
15	161	156	158	163															
20	157	151	153	159															
25	152	144	147	155															
30	145	136	139	149															
35	137	126	131	141															
40	128	116	121	133															
45	118	105	110	123															
50	106	92.3	98.6	113															
55	93.9	79.2	85.9	101															
60	80.2	65.4	72.4	88.8															
65	65.8	51.3	58.3	75.5															
70	51.2	37.7	43.5	61.7															
75	36.4	25.7	29.2	47.7															
80	22.6	15.3	16.4	34.1															
85	10.5	7.45	5.94	21.9															
90	2.08	2.99	1.12	12.4															
95	0.34	1.41	0.20	6.54															
100	0.17	0.47	0.25	2.75															
105	0.18	0.34	0.28	0.40															
110	0.19	0.36	0.36	0.26															
115	0.25	0.38	0.39	0.28															
120	0.32	0.41	0.46	0.29															
125	0.34	0.48	0.51	0.32															
130	0.38	0.53	0.56	0.35															
135	0.43	0.57	0.59	0.39															
140	0.53	0.60	0.65	0.47															
145	0.55	0.64	0.67	0.54															
150	0.56	0.69	0.70	0.56															
155	0.58	0.71	0.72	0.58															
160	0.62	0.74	0.75	0.61															
165	0.65	0.75	0.77	0.64															
170	0.71	0.76	0.78	0.71															
175	0.73	0.76	0.77	0.74															
180	0.75	0.76	0.76	0.76															

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2023-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:8.700m [K=1.0000]
 Remarks: