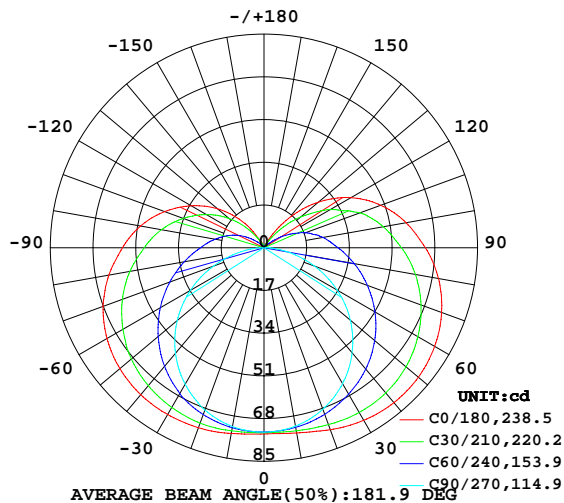


LUMINAIRE PHOTOMETRIC TEST REPORT

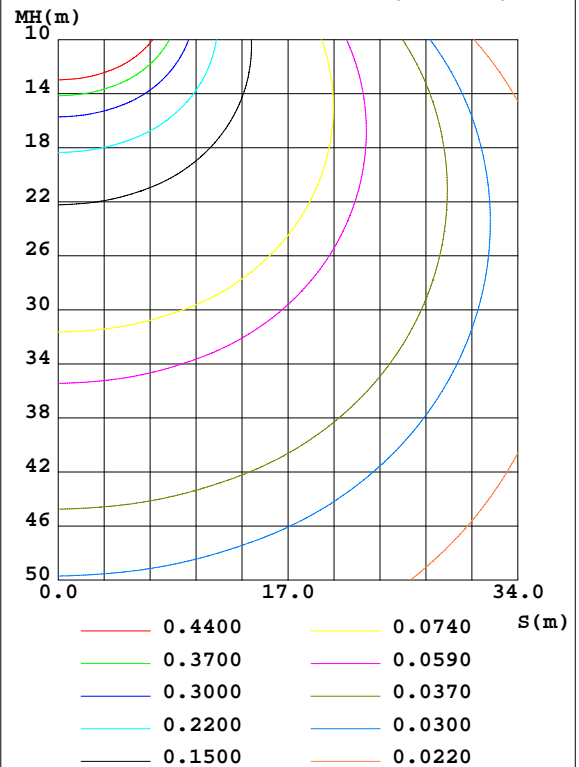
Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 19.18 lm/W			
MODEL: T5000T-24 (WCP) -10-SE-150		I _{max} (cd)	80.51	S/MH(C0/180)	1.58
NOMINAL POWER(W)	23.9939	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	466.98	η UP,DN(C0-180)	12.3,38.3
NOMINAL FLUX(lm)	466.979	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	11.7,37.7
LAMPS INSIDE	1	η up(%)	24.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	DC 24	η down(%)	76.0	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

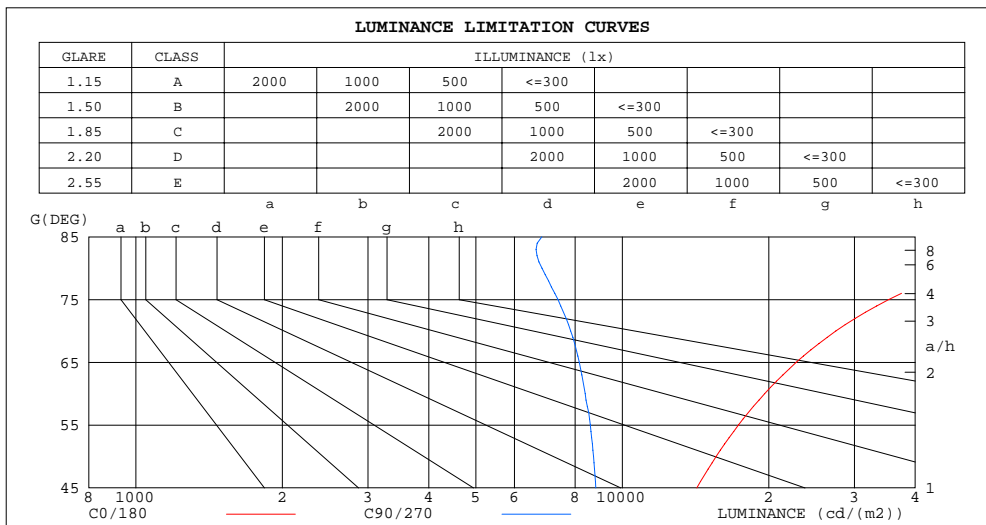
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	74.83	73.32	72.09	73.43	75.02	73.36	72.24	73.56	0- 10	7.018	7.018	1.5,1.5
20	77.06	72.76	68.42	72.60	76.24	72.59	68.72	73.12	10- 20	20.71	27.73	5.94,5.94
30	79.31	71.83	62.50	70.34	76.63	70.36	62.72	72.27	20- 30	33.20	60.92	13,13
40	80.45	69.77	54.56	66.91	76.30	66.93	54.83	70.24	30- 40	43.44	104.4	22.3,22.3
50	80.17	66.30	44.87	62.46	74.84	62.50	45.09	66.93	40- 50	50.57	154.9	33.2,33.2
60	78.43	61.85	33.55	57.20	72.14	57.15	33.77	62.39	50- 60	54.01	208.9	44.7,44.7
70	75.21	56.43	21.43	51.18	68.19	51.13	21.43	56.91	60- 70	53.58	262.5	56.2,56.2
80	70.47	50.33	9.495	44.74	62.66	44.64	9.368	49.03	70- 80	49.49	312.0	66.8,66.8
90	64.20	43.71	1.725	38.10	56.32	37.93	1.176	39.70	80- 90	42.77	354.8	76,76
100	57.44	37.52	0.6680	32.05	49.88	31.83	0.5885	37.61	90-100	36.77	391.6	83.8,83.8
110	49.52	29.01	0.5708	25.54	42.09	25.30	0.5864	29.69	100-110	29.85	421.4	90.2,90.2
120	39.89	20.42	0.6108	18.87	33.42	18.62	0.6344	20.02	110-120	21.76	443.2	94.9,94.9
130	28.31	11.38	0.6823	11.38	24.22	11.32	0.7026	9.385	120-130	13.72	456.9	97.8,97.8
140	15.24	3.450	0.7537	4.439	14.18	4.571	0.7707	2.357	130-140	6.827	463.7	99.3,99.3
150	3.544	1.059	0.8443	1.840	2.762	1.821	0.8399	0.9728	140-150	2.276	466.0	99.8,99.8
160	1.024	0.9606	0.9001	1.091	1.543	1.003	0.9014	0.9709	150-160	0.6185	466.6	99.9,99.9
170	0.9613	0.9594	0.9504	1.017	0.9505	0.9389	0.9561	0.9962	160-170	0.2817	466.9	100,100
180	0.9605	0.9705	0.9873	1.025	0.9616	0.9683	0.9873	1.023	170-180	0.0940	467.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	96869	6833
80	50731	6835
75	35277	7376
70	27486	7832
65	22779	8157
60	19608	8387
55	17322	8593
50	15590	8726
45	14228	8821

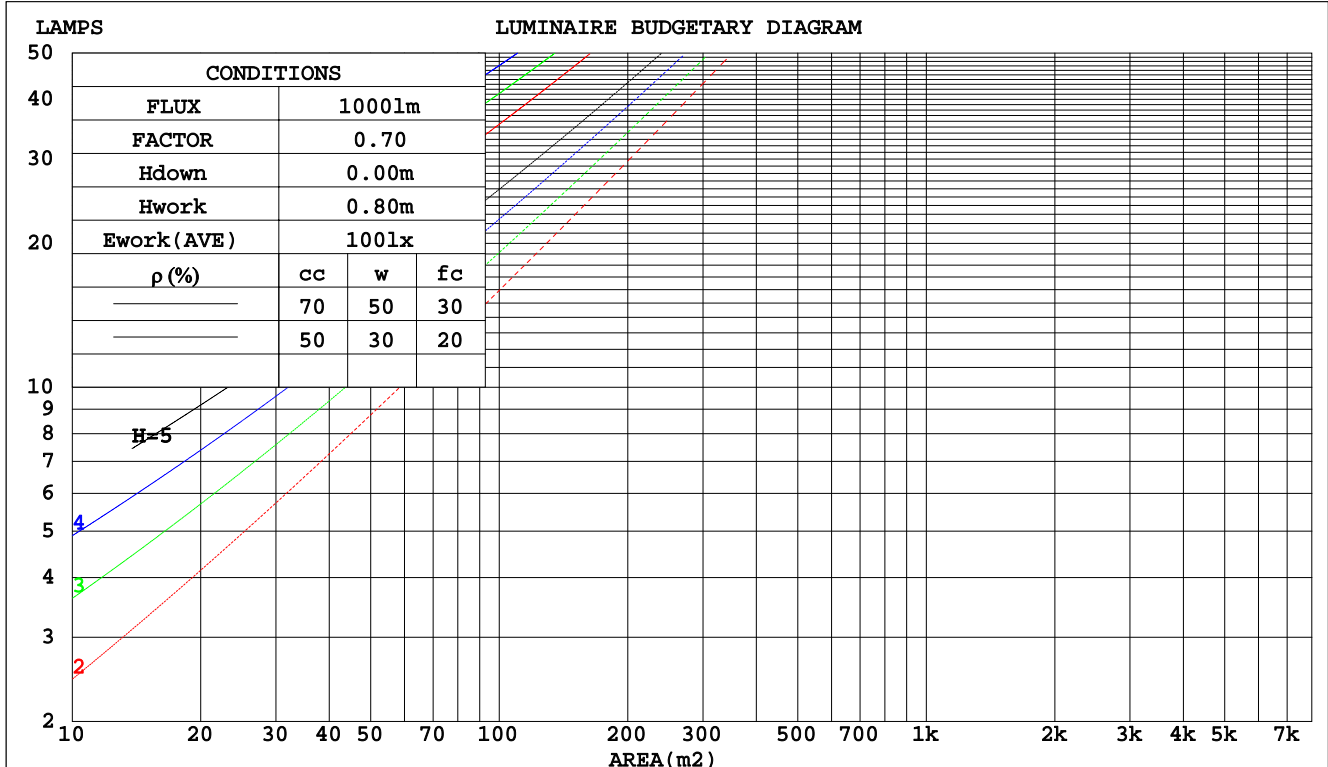
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

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	1.13	1.13	1.13	1.08	1.08	1.08	.98	.98	.98	.88	.88	.88	.80	.80	.80	.76
1.0	.93	.87	.82	.88	.83	.78	.79	.75	.71	.71	.68	.65	.64	.61	.59	.55
2.0	.79	.70	.63	.75	.67	.61	.67	.61	.56	.60	.55	.51	.54	.50	.46	.43
3.0	.68	.58	.51	.64	.56	.49	.58	.51	.45	.52	.46	.41	.46	.41	.37	.34
4.0	.59	.49	.42	.56	.47	.40	.51	.43	.37	.45	.39	.34	.40	.35	.31	.28
5.0	.52	.43	.35	.50	.41	.34	.45	.37	.31	.40	.34	.29	.36	.31	.26	.24
6.0	.47	.37	.30	.44	.36	.29	.40	.33	.27	.36	.30	.25	.32	.27	.23	.20
7.0	.42	.33	.26	.40	.31	.25	.36	.29	.24	.33	.26	.22	.29	.24	.20	.17
8.0	.38	.29	.23	.36	.28	.22	.33	.26	.21	.30	.24	.19	.27	.22	.18	.15
9.0	.35	.26	.20	.33	.25	.20	.30	.23	.18	.27	.21	.17	.25	.20	.16	.14
10.0	.32	.24	.18	.30	.23	.18	.28	.21	.16	.25	.19	.15	.23	.18	.14	.12



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

pcc	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	.412	.234	.074	.397	.227	.072	.370	.212	.068	.345	.199	.064	.321	.186	.060		
2.0	.349	.192	.059	.336	.185	.057	.311	.173	.054	.288	.162	.051	.267	.151	.048		
3.0	.307	.163	.049	.295	.158	.048	.272	.148	.045	.252	.138	.042	.232	.129	.040		
4.0	.274	.143	.042	.263	.138	.041	.243	.129	.038	.224	.120	.036	.206	.112	.034		
5.0	.248	.126	.037	.238	.122	.036	.219	.114	.034	.202	.107	.032	.186	.099	.030		
6.0	.226	.113	.032	.217	.110	.032	.200	.103	.030	.184	.096	.028	.169	.089	.026		
7.0	.208	.103	.029	.200	.100	.028	.184	.093	.027	.169	.087	.025	.156	.081	.024		
8.0	.192	.094	.026	.185	.091	.026	.170	.085	.024	.157	.079	.023	.144	.074	.022		
9.0	.179	.087	.024	.172	.084	.024	.159	.078	.022	.146	.073	.021	.134	.068	.020		
10.0	.167	.080	.022	.161	.078	.022	.148	.073	.020	.137	.068	.019	.126	.063	.018		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.374	.374	.374	.319	.319	.319	.218	.218	.218	.125	.125	.125	.040	.040	.040	
1.0	.372	.340	.311	.318	.292	.268	.218	.201	.185	.125	.116	.108	.040	.037	.035	
2.0	.366	.317	.277	.313	.273	.239	.215	.189	.167	.124	.110	.098	.040	.036	.032	
3.0	.358	.301	.256	.307	.260	.222	.211	.181	.156	.122	.105	.092	.039	.034	.030	
4.0	.351	.289	.242	.301	.250	.210	.207	.174	.148	.120	.102	.088	.039	.033	.029	
5.0	.343	.280	.233	.294	.242	.203	.203	.169	.143	.118	.099	.085	.038	.032	.028	
6.0	.335	.272	.226	.288	.235	.197	.199	.165	.139	.115	.097	.083	.037	.032	.027	
7.0	.328	.265	.221	.282	.230	.193	.195	.161	.137	.113	.095	.081	.037	.031	.027	
8.0	.321	.260	.218	.277	.225	.190	.191	.158	.135	.111	.093	.080	.036	.031	.027	
9.0	.315	.255	.215	.271	.221	.187	.188	.156	.133	.110	.092	.079	.035	.030	.026	
10.0	.309	.251	.212	.266	.218	.185	.185	.153	.132	.108	.091	.079	.035	.030	.026	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

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	24.8	26.1	25.4	26.7	27.4	21.4	22.7	21.9	23.3	24.0
3H	27.9	29.2	28.5	29.8	30.5	23.0	24.2	23.6	24.8	25.6
4H	29.7	30.8	30.3	31.5	32.2	23.7	24.8	24.3	25.5	26.2
6H	31.6	32.7	32.2	33.3	34.1	24.2	25.3	24.8	26.0	26.7
8H	32.6	33.7	33.3	34.4	35.2	24.4	25.5	25.1	26.1	26.9
12H	33.8	34.9	34.5	35.5	36.3	24.5	25.6	25.2	26.3	27.1
4H 2H	25.4	26.5	26.0	27.2	27.9	23.1	24.3	23.7	24.9	25.6
3H	28.8	29.8	29.4	30.5	31.3	25.0	26.1	25.7	26.7	27.5
4H	30.7	31.6	31.4	32.3	33.2	25.9	26.9	26.6	27.6	28.4
6H	32.8	33.7	33.6	34.4	35.3	26.7	27.5	27.4	28.3	29.1
8H	34.0	34.8	34.7	35.6	36.4	27.0	27.8	27.7	28.5	29.4
12H	35.4	36.1	36.1	36.9	37.7	27.2	27.9	27.9	28.7	29.6
8H 4H	31.1	31.9	31.8	32.6	33.5	27.6	28.4	28.3	29.1	30.0
6H	33.5	34.2	34.3	35.0	35.9	28.8	29.5	29.6	30.2	31.2
8H	34.9	35.5	35.7	36.3	37.3	29.4	30.0	30.1	30.7	31.7
12H	36.6	37.1	37.3	37.9	38.8	29.8	30.3	30.6	31.1	32.1
12H 4H	31.1	31.8	31.8	32.6	33.5	28.1	28.8	28.8	29.6	30.5
6H	33.7	34.3	34.4	35.1	36.0	29.6	30.2	30.4	31.0	32.0
8H	35.2	35.7	36.0	36.5	37.5	30.4	31.0	31.2	31.7	32.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 467.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

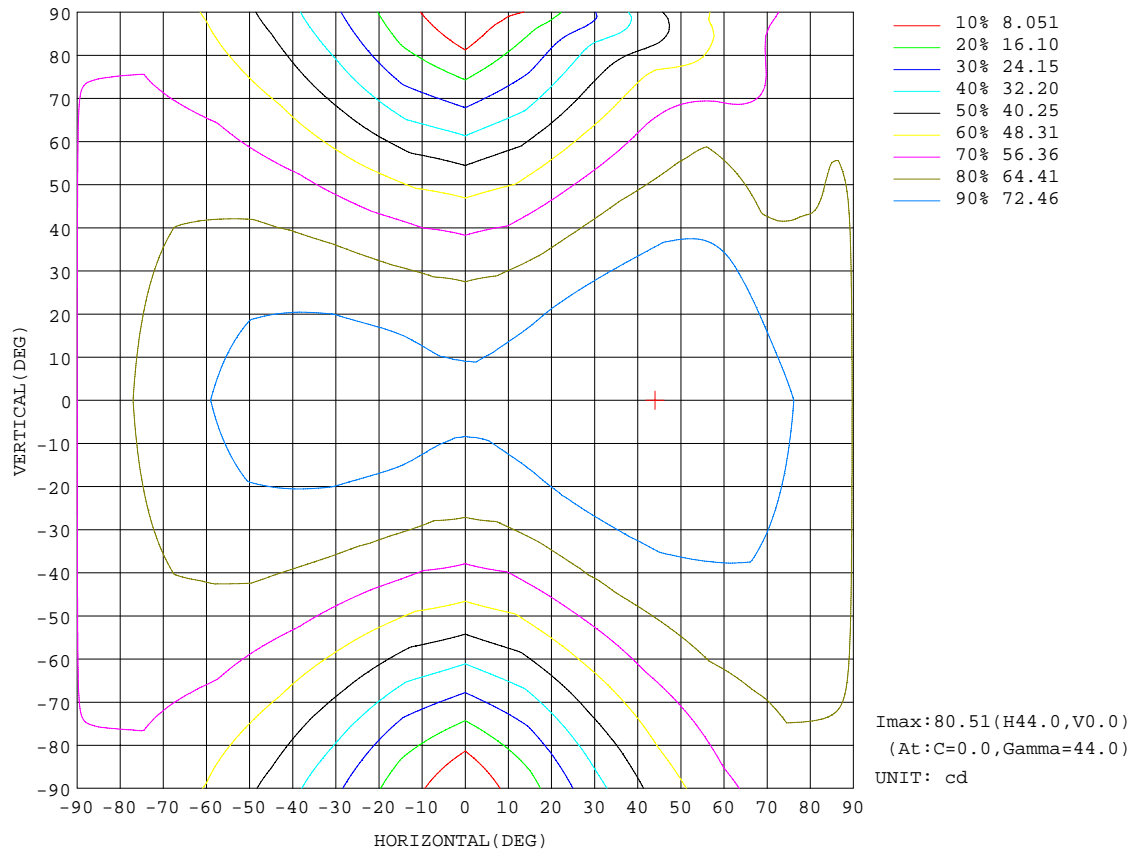
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	31	24	43	31	23	41	30	23	16
0.80	53	39	31	51	38	30	48	37	29	21
1.00	60	47	38	58	45	37	54	46	36	26
1.25	67	54	45	65	52	44	60	49	42	31
1.50	72	59	50	69	57	49	64	54	46	35
2.00	80	68	59	76	65	57	70	61	54	41
2.50	85	73	65	81	71	63	74	66	59	45
3.00	89	78	70	85	75	68	77	70	63	48
4.00	94	85	78	89	81	75	81	75	69	53
5.00	97	89	83	92	85	79	84	78	73	56
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:



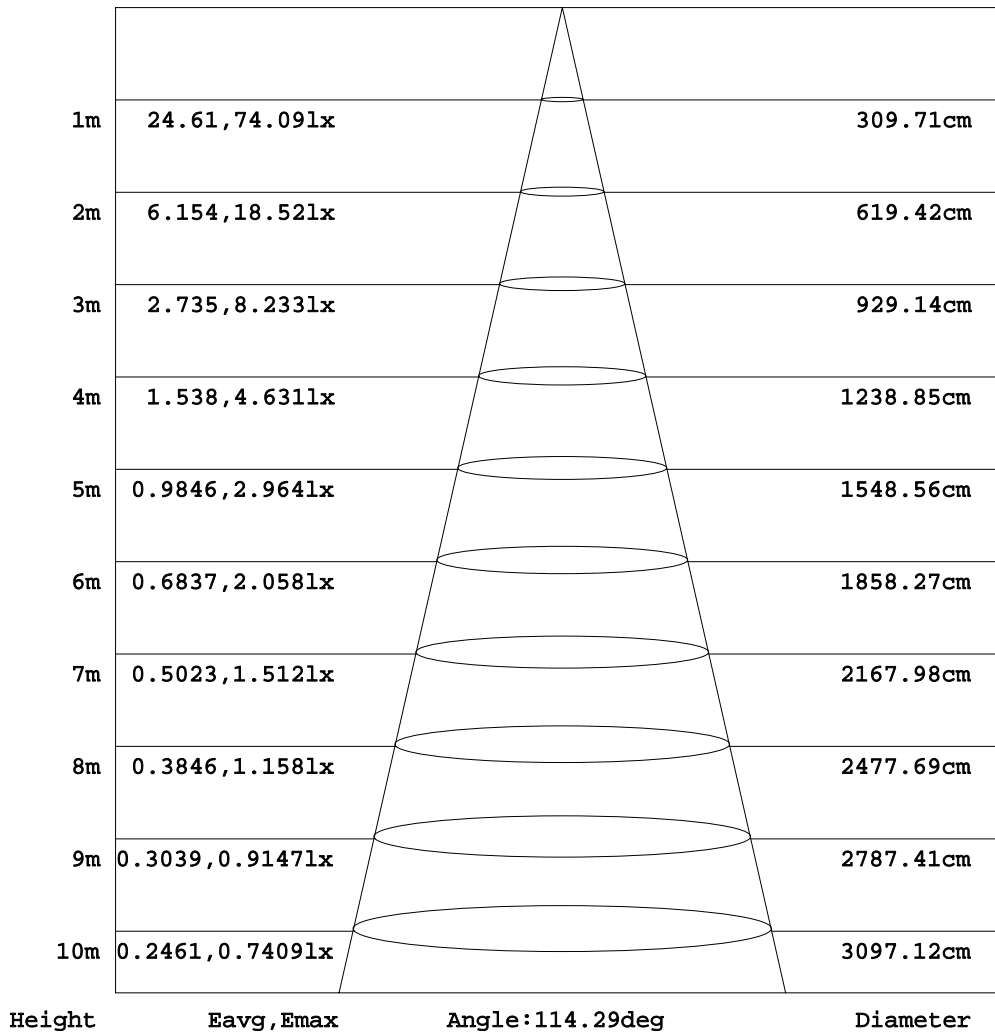
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

Flux out:198.0 lm



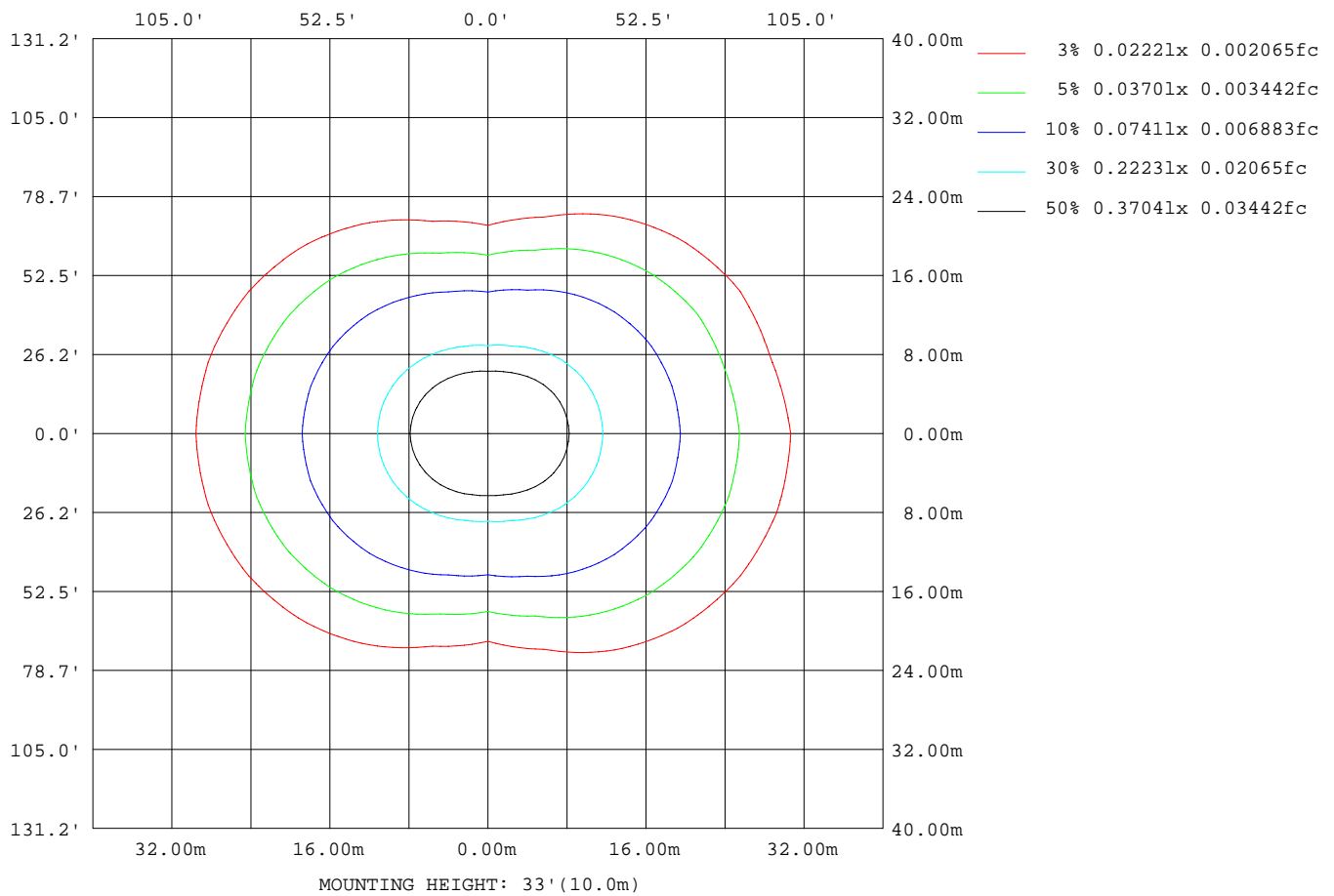
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity: 65.0%
 Test Distance: 4.717m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

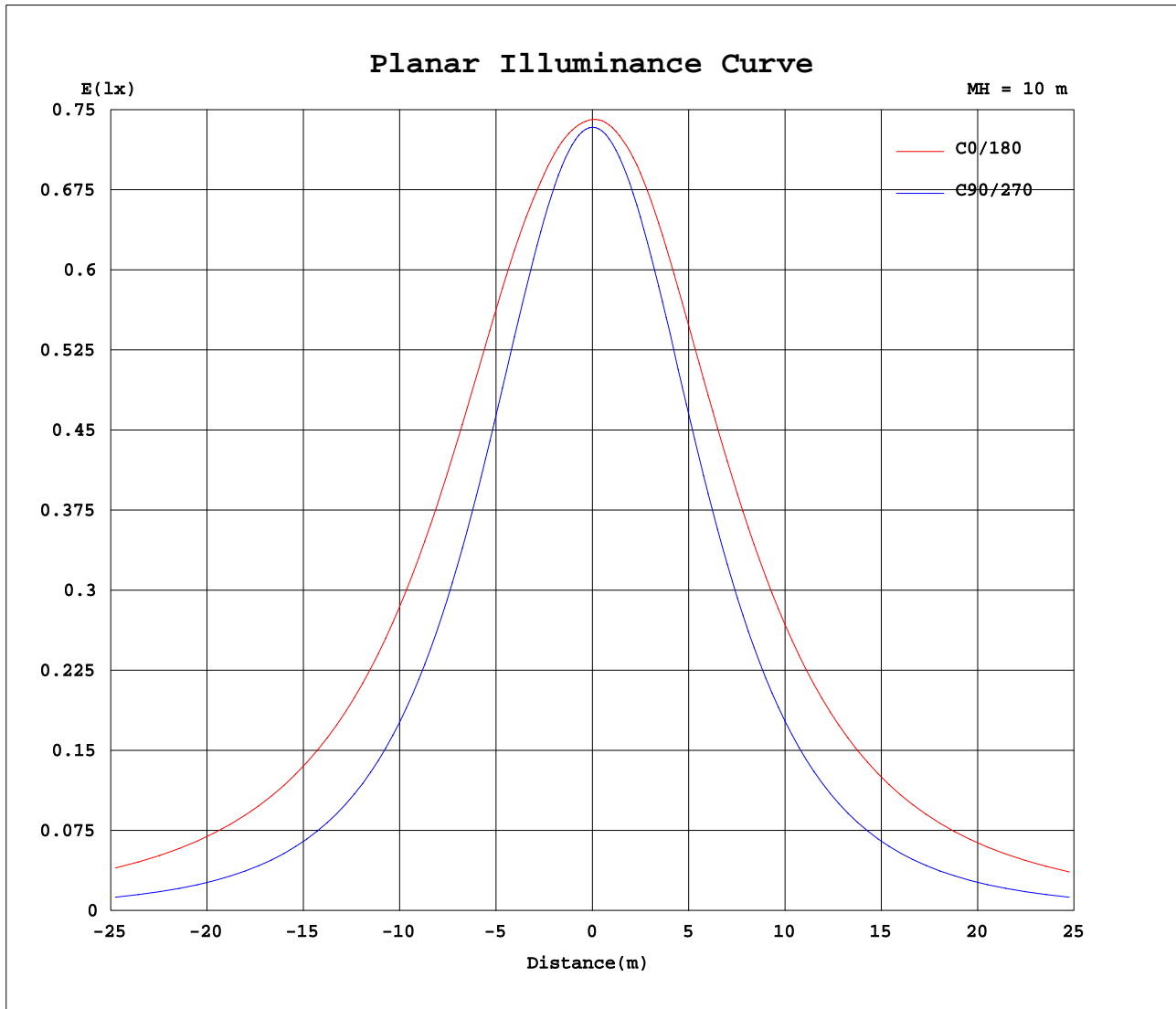
AvgL	cd/m2
L_0~180(65)av	21785
L_0~180(75)av	33457
L_0~180(85)av	91053
L_90~270(65)av	8173
L_90~270(75)av	7363
L_90~270(85)av	6640
L_45(65)av	16824
L_45(75)av	24519
L_45(85)av	60880

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-08-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.414
 Humidity: 65.0%
 Test Distance: 4.717m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	74.1	73.9	73.6	73.5	73.3	73.4	73.4	73.3	73.5	73.6	73.7	73.9	74.1	73.9	73.6	73.5	73.3	73.4	73.4
5	74.2	74.0	73.7	73.4	73.1	73.1	73.0	73.1	73.3	73.6	73.9	74.1	74.4	74.1	73.8	73.5	73.2	73.2	73.1
10	74.8	74.6	74.0	73.3	72.6	72.2	72.1	72.3	72.7	73.4	74.1	74.6	75.0	74.6	74.0	73.4	72.7	72.4	72.2
15	75.7	75.3	74.4	73.1	71.7	70.9	70.5	70.9	71.8	73.1	74.4	75.2	75.8	75.2	74.3	73.1	71.8	71.1	70.8
20	77.1	76.4	74.9	72.8	70.6	69.1	68.4	69.0	70.6	72.6	74.3	75.5	76.2	75.6	74.3	72.6	70.7	69.2	68.7
25	78.3	77.5	75.4	72.4	69.1	66.6	65.7	66.5	69.0	71.6	74.0	75.6	76.5	75.6	74.0	71.7	69.1	66.9	65.9
30	79.3	78.3	75.7	71.8	67.3	63.8	62.5	63.7	66.9	70.3	73.4	75.6	76.6	75.6	73.4	70.4	67.0	64.1	62.7
35	80.1	78.9	75.7	71.0	65.3	60.6	58.8	60.4	64.4	68.8	72.7	75.4	76.6	75.3	72.6	68.7	64.4	60.8	59.0
40	80.4	79.1	75.4	69.8	63.0	57.0	54.6	56.7	61.6	66.9	71.7	74.9	76.3	74.9	71.6	66.9	61.6	57.1	54.8
45	80.5	79.0	74.7	68.3	60.4	53.0	49.9	52.7	58.4	64.7	70.4	74.2	75.7	74.1	70.4	64.8	58.4	52.9	50.2
50	80.2	78.5	73.7	66.3	57.5	48.7	44.9	48.2	55.0	62.5	68.9	73.2	74.8	73.1	68.9	62.5	54.9	48.4	45.1
55	79.5	77.7	72.4	64.2	54.4	44.3	39.4	43.4	51.4	59.9	67.1	71.9	73.7	71.7	67.0	59.9	51.3	43.5	39.6
60	78.4	76.5	70.7	61.9	51.0	39.6	33.5	38.4	47.8	57.2	65.0	70.2	72.1	70.1	64.8	57.2	47.6	38.4	33.8
65	77.0	74.9	68.7	59.2	47.4	34.7	27.6	33.3	44.0	54.3	62.7	68.3	70.3	68.1	62.5	54.2	43.8	33.0	27.7
70	75.2	73.0	66.5	56.4	43.8	29.9	21.4	28.2	40.2	51.2	60.1	65.9	68.2	65.9	59.9	51.1	39.9	27.8	21.4
75	73.0	70.8	64.0	53.4	40.1	25.2	15.3	23.3	36.4	48.0	57.4	63.4	65.5	63.3	57.2	47.9	36.0	22.9	15.2
80	70.5	68.2	61.2	50.3	36.5	20.7	9.49	18.9	32.5	44.7	54.4	60.6	62.7	60.4	54.2	44.6	32.2	18.2	9.37
85	67.5	65.0	58.1	47.1	32.9	16.8	4.76	15.0	29.0	41.3	51.1	57.3	59.4	57.2	50.9	41.2	28.6	14.3	4.49
90	64.2	61.7	54.7	43.7	29.5	13.5	1.72	11.9	25.6	38.1	47.9	54.2	56.3	54.0	47.7	37.9	25.3	11.1	1.18
95	60.8	58.3	51.4	40.5	26.6	11.2	0.84	9.59	22.9	35.2	44.9	51.1	53.3	51.0	44.7	34.9	22.5	8.85	0.69
100	57.4	55.0	48.2	37.5	23.8	9.24	0.67	7.64	20.1	32.1	41.6	47.7	49.9	47.7	41.5	31.8	19.8	6.94	0.59
105	53.7	51.3	44.7	33.3	20.5	6.97	0.62	5.67	17.4	28.8	38.0	43.9	46.2	44.0	37.9	28.6	17.1	5.08	0.58
110	49.5	47.2	40.7	29.0	17.5	4.43	0.57	3.61	14.8	25.5	34.1	39.9	42.1	40.0	34.2	25.3	14.5	3.29	0.59
115	45.0	42.8	34.9	26.1	13.6	2.13	0.58	2.00	12.0	22.2	30.3	35.7	37.8	35.8	30.4	22.0	11.8	2.00	0.61
120	39.9	37.9	30.5	20.4	10.0	1.23	0.61	1.32	9.08	18.9	26.4	31.5	33.4	31.4	26.5	18.6	9.01	1.41	0.63
125	34.3	32.5	24.5	16.1	6.54	0.96	0.65	0.97	6.16	15.2	22.3	27.1	28.9	27.0	22.4	15.0	6.27	1.03	0.67
130	28.3	25.4	19.1	11.4	3.34	0.86	0.68	0.81	3.63	11.4	18.0	22.5	24.2	22.4	18.1	11.3	3.88	0.84	0.70
135	21.9	19.9	13.6	7.06	1.64	0.83	0.72	0.80	2.35	7.68	13.6	17.7	19.2	17.6	13.7	7.72	2.57	0.82	0.74
140	15.2	13.5	8.20	3.45	1.10	0.82	0.75	0.81	1.66	4.44	9.21	12.9	14.2	12.7	9.39	4.57	1.77	0.81	0.77
145	8.95	7.46	3.83	1.63	0.98	0.85	0.81	0.85	1.20	2.76	5.26	8.21	9.16	8.02	5.41	2.85	1.20	0.80	0.80
150	3.54	2.67	1.62	1.06	0.93	0.87	0.84	0.88	1.04	1.84	3.09	4.48	2.76	4.29	3.12	1.82	0.97	0.83	0.84
155	1.32	1.23	1.06	0.97	0.93	0.89	0.87	0.90	1.01	1.24	1.93	2.67	2.59	2.48	1.89	1.15	0.93	0.86	0.87
160	1.02	1.00	0.98	0.96	0.93	0.91	0.90	0.93	0.96	1.09	1.25	1.60	1.54	1.37	1.11	1.00	0.91	0.89	0.90
165	0.97	0.97	0.96	0.95	0.93	0.94	0.93	0.95	0.97	1.02	1.14	1.22	0.95	1.02	0.98	0.94	0.93	0.91	0.93
170	0.96	0.97	0.96	0.96	0.95	0.96	0.95	0.98	0.98	1.02	1.06	1.10	0.95	0.95	0.94	0.94	0.95	0.94	0.96
175	0.96	0.96	0.96	0.97	0.96	0.97	0.97	0.99	1.00	1.02	1.05	1.09	0.96	0.95	0.96	0.95	0.97	0.96	0.98
180	0.96	0.96	0.96	0.97	0.97	0.97	0.99	0.99	1.00	1.03	1.05	1.09	0.96	0.95	0.96	0.97	0.97	0.97	0.99

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.992V I:1.0148A P:24.348W PF:1.0000 Freq:0Hz Lamp Flux:466.979x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:5050 120LED	DIM.: 1000*15*10mm	SERIAL No.:20200824005
MFR.: EVERFINE	SUR.:1000*15mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	73.3	73.5	73.6	73.7	73.9													
5	73.1	73.3	73.6	73.7	74.0													
10	72.3	72.8	73.6	74.1	74.6													
15	71.0	72.1	73.4	74.5	75.3													
20	69.2	70.9	73.1	75.0	76.4													
25	67.0	69.5	72.8	75.6	77.5													
30	64.2	67.8	72.3	75.9	78.4													
35	61.0	65.7	71.4	75.9	78.9													
40	57.4	63.4	70.2	75.7	79.2													
45	53.5	60.9	68.7	75.0	79.0													
50	49.2	58.0	66.9	74.1	78.5													
55	44.8	54.9	64.8	72.8	77.7													
60	40.1	51.6	62.4	71.1	76.4													
65	35.0	48.0	59.8	69.2	73.8													
70	30.1	44.2	56.9	66.6	69.3													
75	25.3	40.4	53.7	62.4	64.1													
80	20.7	36.3	49.0	55.3	60.5													
85	16.2	30.1	40.1	50.7	58.8													
90	8.76	23.9	39.7	50.7	57.4													
95	10.9	26.6	39.9	49.4	55.2													
100	8.86	23.9	37.6	47.3	50.3													
105	6.55	20.5	32.5	43.4	49.5													
110	3.98	17.5	29.7	39.5	45.6													
115	1.64	13.1	25.9	35.2	41.7													
120	0.83	8.96	20.0	31.1	36.8													
125	0.76	5.25	14.5	25.0	31.2													
130	0.75	2.38	9.38	18.1	25.9													
135	0.75	0.98	5.34	11.9	19.8													
140	0.78	0.88	2.36	6.41	12.0													
145	0.81	0.88	1.02	2.80	5.96													
150	0.84	0.88	0.97	1.07	1.76													
155	0.87	0.93	0.95	1.01	1.09													
160	0.90	0.95	0.97	0.99	1.05													
165	0.93	0.97	0.99	1.00	1.04													
170	0.96	0.99	1.00	1.03	1.04													
175	0.98	1.01	1.00	1.04	1.07													
180	0.99	1.00	1.02	1.04	1.09													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-08-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.414
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks: