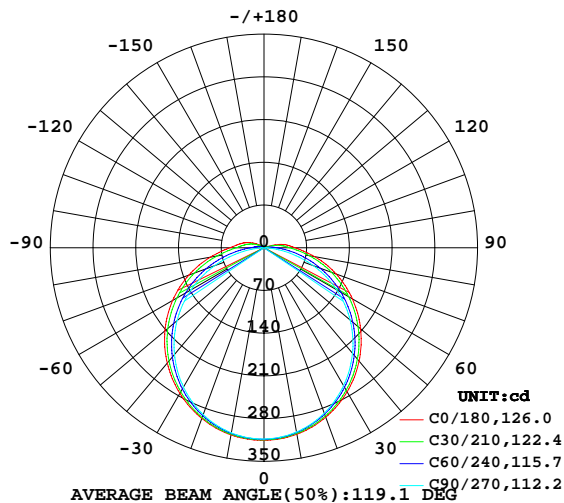


LUMINAIRE PHOTOMETRIC TEST REPORT

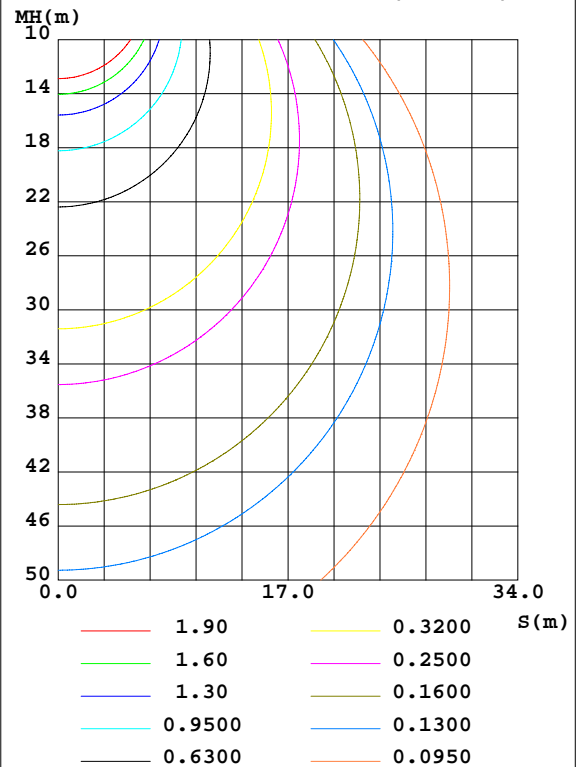
Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.11 lm/W			
WW-FMSIDEZT21WW300K-24(WCP)-UR-M		Imax(cd)	315.6	S/MH(C0/180)	1.30
NOMINAL POWER(W)	14.82	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	1050.3	η UP,DN(C0-180)	2.4,47.4
NOMINAL FLUX(lm)	1050.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.5,47.6
LAMPS INSIDE	1	η up(%)	5.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	95.0	CIBSE SHR MAX	1.35

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:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

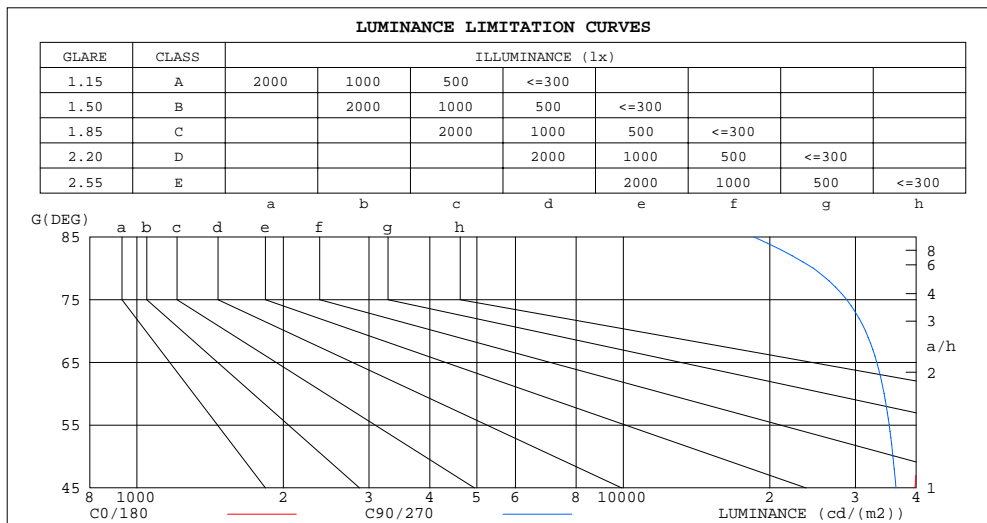
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	310.3	308.3	306.6	308.9	311.4	309.5	308.0	309.2	0- 10	29.74	29.74	2.83,2.83
20	295.6	292.1	288.6	293.0	297.7	294.3	291.0	293.4	10- 20	85.32	115.1	11,11
30	272.6	267.0	260.9	268.0	275.6	269.7	263.8	268.1	20- 30	129.9	244.9	23.3,23.3
40	242.4	234.4	225.7	235.8	246.7	237.4	228.2	234.8	30- 40	158.2	403.2	38.4,38.4
50	206.7	196.0	184.3	198.2	212.0	199.2	185.9	194.3	40- 50	167.5	570.7	54.3,54.3
60	167.2	153.1	137.4	156.0	173.0	156.5	138.1	151.2	50- 60	157.4	728.1	69.3,69.3
70	125.9	108.8	86.08	110.9	131.1	111.2	86.06	106.8	60- 70	130.1	858.2	81.7,81.7
80	84.12	65.94	34.15	66.78	89.20	67.01	34.02	64.36	70- 80	90.50	948.7	90.3,90.3
90	51.00	32.97	1.728	34.43	56.11	34.90	1.658	31.36	80- 90	49.50	998.2	95,95
100	31.53	14.40	1.217	20.81	39.18	21.17	1.207	12.79	90-100	25.94	1024	97.5,97.5
110	4.002	1.992	1.561	9.061	25.18	9.750	1.559	1.965	100-110	12.26	1036	98.7,98.7
120	2.213	2.160	1.958	2.400	10.34	2.262	1.960	2.109	110-120	4.741	1041	99.1,99.1
130	2.501	2.487	2.363	2.572	2.772	2.441	2.358	2.460	120-130	2.350	1043	99.3,99.3
140	2.831	2.797	2.761	2.883	2.902	2.793	2.753	2.801	130-140	2.051	1046	99.5,99.5
150	3.135	3.136	3.151	3.171	3.185	3.118	3.122	3.145	140-150	1.872	1047	99.7,99.7
160	3.458	3.450	3.475	3.485	3.454	3.421	3.453	3.458	150-160	1.527	1049	99.9,99.9
170	3.734	3.710	3.734	3.749	3.725	3.681	3.720	3.722	160-170	1.015	1050	100,100
180	3.881	3.846	3.862	3.879	3.884	3.841	3.861	3.879	170-180	0.3613	1050	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:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	93511	18535
80	60556	24583
75	50752	28775
70	46005	31461
65	43398	33192
60	41803	34358
55	40817	35198
50	40187	35837
45	39787	36355

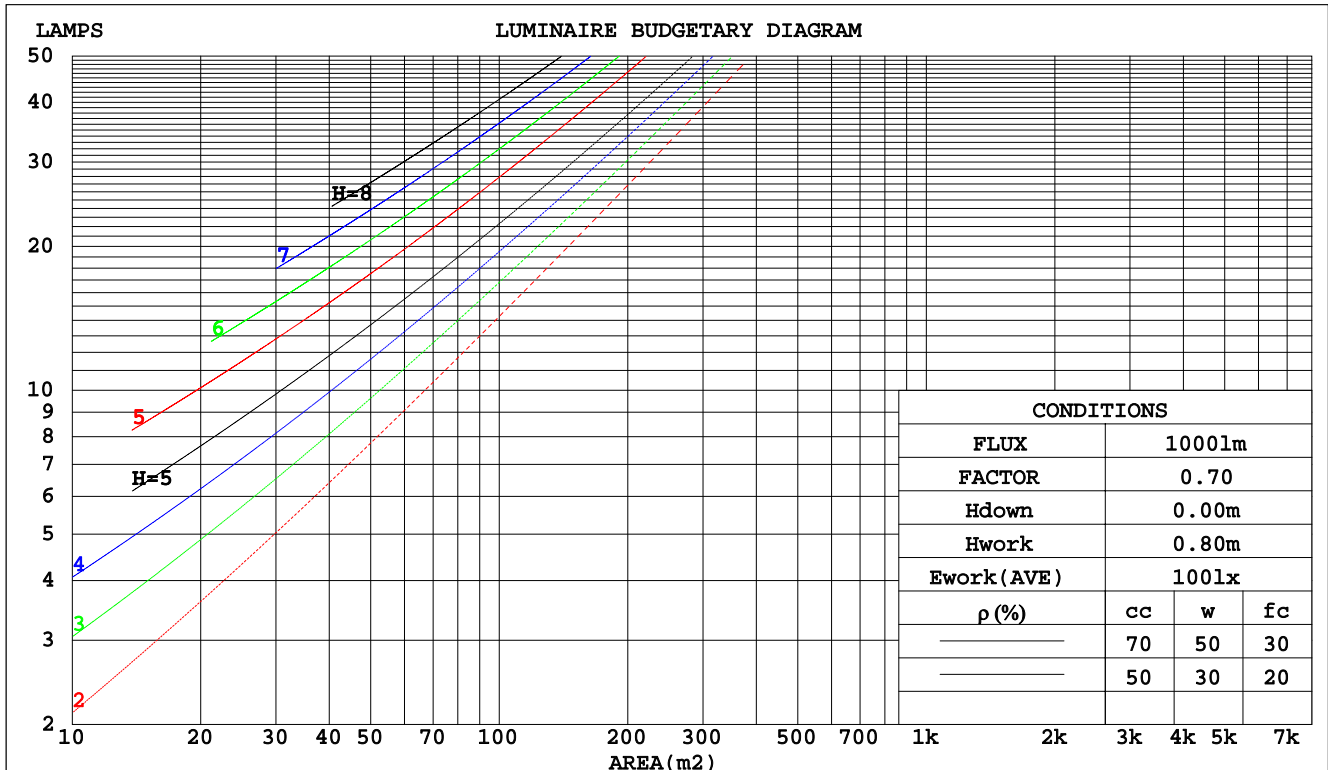
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	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	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.01	.96	.91	.98	.93	.89	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.79	.73	.84	.78	.72	.80	.74	.69	.76	.71	.67	.72	.68	.65	.62
3.0	.76	.67	.60	.74	.66	.59	.70	.63	.58	.67	.61	.56	.63	.58	.54	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.47	.56	.51	.46	.44
5.0	.59	.50	.43	.58	.49	.43	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38
6.0	.53	.44	.38	.52	.43	.37	.50	.42	.36	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.36	.29	.24	.35	.28	.23	.34	.27	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.350	.199	.063	.341	.195	.062	.325	.186	.059	.310	.179	.057	.296	.172	.055	
2.0	.315	.173	.053	.307	.169	.052	.293	.163	.051	.279	.157	.049	.267	.151	.048	
3.0	.285	.152	.045	.278	.149	.045	.266	.144	.044	.254	.139	.043	.242	.134	.042	
4.0	.260	.135	.040	.254	.133	.039	.242	.128	.038	.231	.124	.037	.221	.120	.037	
5.0	.238	.121	.035	.233	.119	.035	.222	.116	.034	.213	.112	.033	.204	.109	.033	
6.0	.219	.110	.031	.215	.108	.031	.205	.105	.031	.196	.102	.030	.188	.099	.029	
7.0	.203	.101	.028	.199	.099	.028	.190	.096	.028	.183	.094	.027	.175	.091	.027	
8.0	.189	.092	.026	.185	.091	.026	.178	.089	.025	.170	.086	.025	.164	.084	.024	
9.0	.177	.085	.024	.173	.084	.024	.166	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.166	.079	.022	.162	.078	.022	.156	.077	.022	.150	.075	.021	.145	.073	.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	.228	.228	.228	.195	.195	.195	.133	.133	.133	.076	.076	.076	.024	.024	.024	
1.0	.221	.194	.169	.189	.166	.146	.129	.114	.101	.075	.066	.059	.024	.021	.019	
2.0	.214	.170	.134	.183	.146	.115	.125	.101	.081	.072	.059	.047	.023	.019	.015	
3.0	.206	.153	.111	.177	.132	.096	.121	.092	.067	.070	.054	.040	.023	.017	.013	
4.0	.198	.140	.095	.170	.121	.083	.117	.084	.058	.068	.049	.035	.022	.016	.011	
5.0	.191	.130	.085	.164	.112	.074	.113	.078	.052	.065	.046	.031	.021	.015	.010	
6.0	.183	.122	.077	.157	.105	.067	.109	.074	.048	.063	.043	.028	.020	.014	.009	
7.0	.176	.115	.072	.152	.099	.062	.105	.070	.044	.061	.041	.026	.020	.013	.009	
8.0	.170	.109	.067	.146	.095	.059	.101	.066	.042	.059	.039	.025	.019	.013	.008	
9.0	.163	.104	.064	.141	.090	.056	.097	.064	.040	.057	.038	.024	.018	.012	.008	
10.0	.157	.100	.061	.136	.087	.054	.094	.061	.038	.055	.036	.023	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:2835 300LED					DIM.: 1000*8*1MM			SERIAL No.:20191225001			
MFR.: EVERFINE					SUR.:1000*8mm			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	25.4	26.9	25.8	27.2	27.5	24.6	26.1	24.9	26.4	26.7	
	3H	27.5	28.9	27.9	29.2	29.6	26.1	27.5	26.5	27.9	28.2
	4H	28.6	29.9	29.0	30.2	30.6	26.7	28.1	27.1	28.4	28.8
	6H	29.6	30.9	30.0	31.2	31.6	27.1	28.4	27.6	28.8	29.2
	8H	30.2	31.4	30.6	31.8	32.2	27.3	28.5	27.7	28.8	29.2
	12H	30.8	31.9	31.2	32.3	32.7	27.3	28.5	27.7	28.9	29.3
4H	2H	26.0	27.3	26.4	27.7	28.1	25.4	26.7	25.8	27.1	27.4
	3H	28.3	29.5	28.8	29.9	30.3	27.1	28.3	27.6	28.7	29.1
	4H	29.5	30.6	30.0	31.0	31.5	27.9	29.0	28.3	29.4	29.8
	6H	30.8	31.8	31.3	32.2	32.7	28.4	29.4	28.9	29.8	30.3
	8H	31.5	32.4	32.0	32.8	33.3	28.6	29.5	29.1	30.0	30.5
	12H	32.2	33.0	32.7	33.5	34.0	28.7	29.5	29.2	30.0	30.5
8H	4H	29.9	30.8	30.4	31.2	31.7	28.4	29.3	28.9	29.8	30.3
	6H	31.4	32.1	31.9	32.6	33.2	29.2	30.0	29.8	30.5	31.0
	8H	32.2	32.9	32.7	33.4	34.0	29.6	30.2	30.1	30.7	31.3
	12H	33.2	33.7	33.7	34.3	34.9	29.8	30.4	30.3	30.9	31.5
12H	4H	29.9	30.7	30.4	31.2	31.7	28.6	29.4	29.1	29.9	30.4
	6H	31.5	32.1	32.0	32.7	33.2	29.5	30.2	30.0	30.7	31.3
	8H	32.4	33.0	32.9	33.5	34.1	29.9	30.5	30.5	31.0	31.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 1050 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.2$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

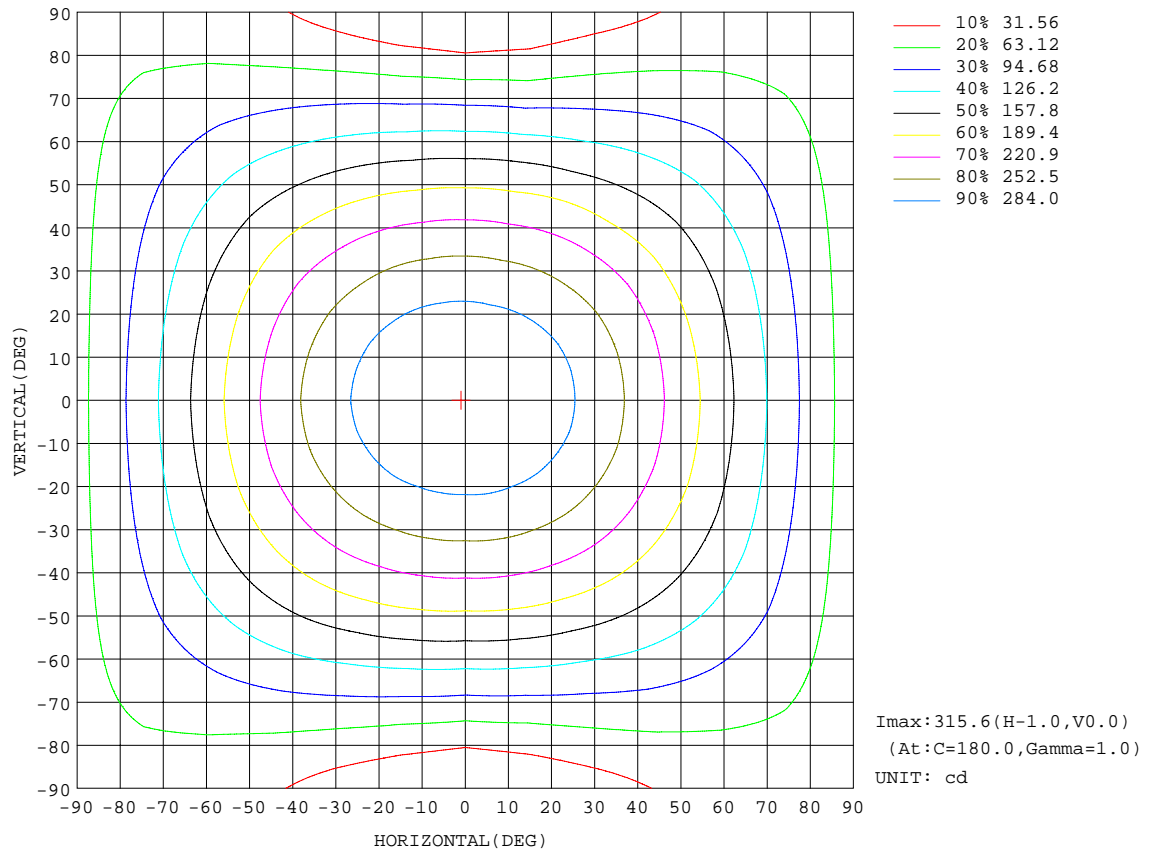
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	34	28
0.80	63	51	43	62	51	43	60	50	43	36
1.00	72	60	52	70	59	51	68	60	51	43
1.25	79	67	59	77	66	59	74	65	58	50
1.50	84	73	65	82	72	64	78	70	63	55
2.00	91	81	74	89	80	73	84	77	71	62
2.50	95	86	79	92	84	78	88	81	76	66
3.00	98	90	84	96	89	83	91	85	80	70
4.00	103	96	90	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	78
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:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



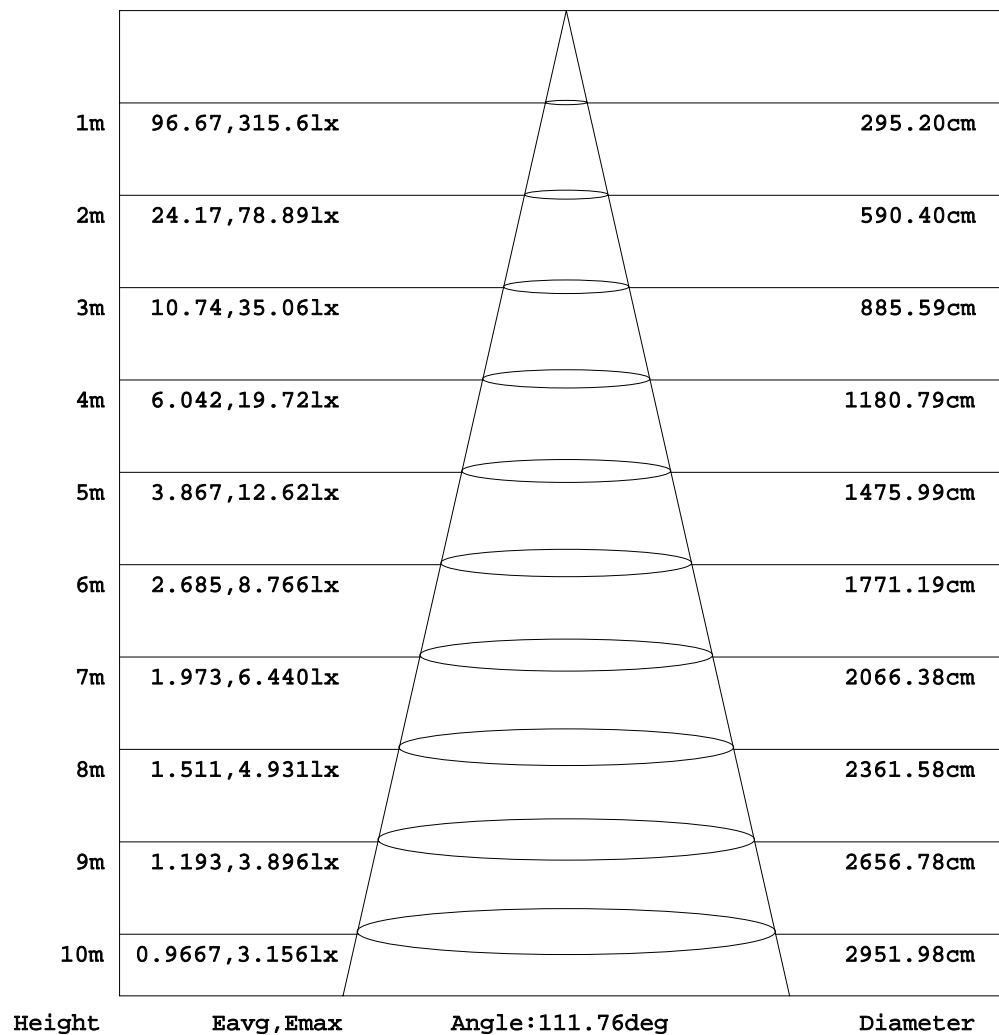
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Flux out:667.5 lm



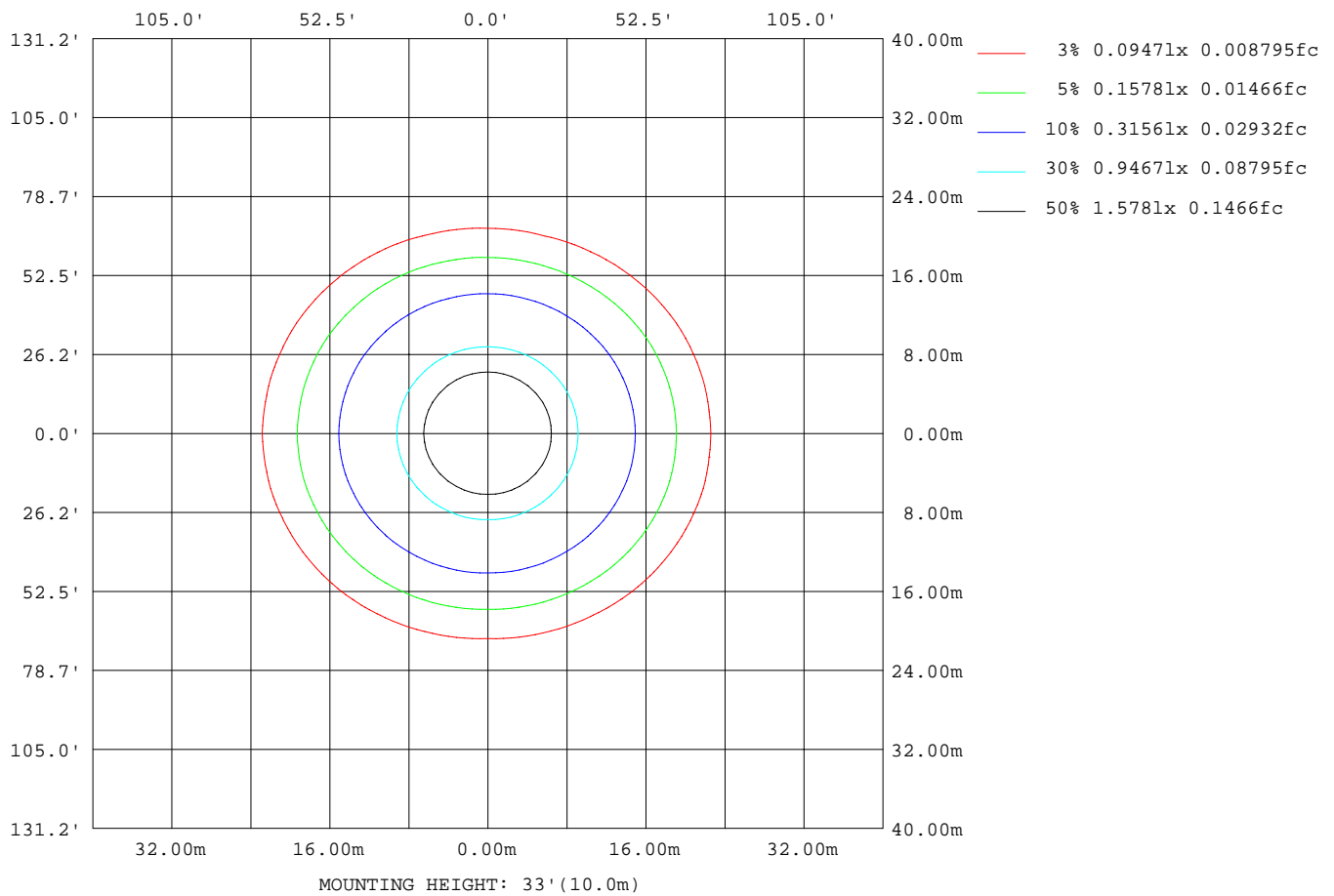
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

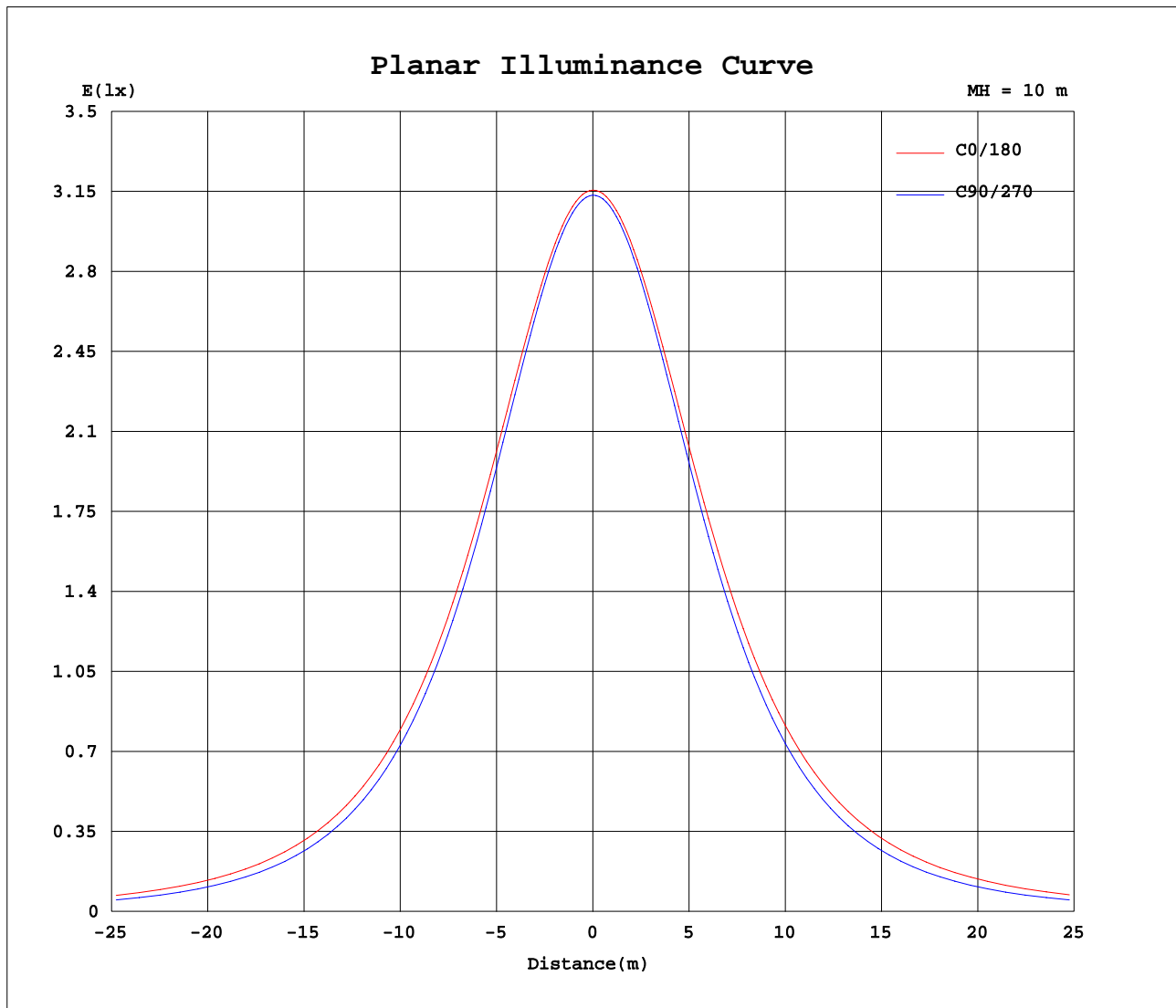
AvgL	cd/m2
L_0~180(65)av	44211
L_0~180(75)av	51921
L_0~180(85)av	97392
L_90~270(65)av	33217
L_90~270(75)av	28734
L_90~270(85)av	18307
L_45(65)av	39020
L_45(75)av	42230
L_45(85)av	67370

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 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: 2019-12-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	316	315	315	314	314	314	313	313	314	314	315	315	316	315	315	314	314	314	313
5	314	314	313	313	312	312	311	311	312	313	313	314	315	314	314	313	313	313	312
10	310	310	309	308	307	307	307	307	307	309	310	311	311	311	310	309	309	308	308
15	304	304	302	301	300	300	299	299	300	302	303	305	306	305	304	303	302	301	301
20	296	295	294	292	290	289	289	289	290	293	295	297	298	297	296	294	293	292	291
25	285	285	283	280	278	277	276	277	278	281	284	286	288	287	285	283	281	279	279
30	273	272	269	267	264	262	261	262	264	268	271	274	276	274	273	270	267	265	264
35	258	258	255	252	248	246	244	246	248	253	257	260	262	261	258	254	251	248	247
40	242	242	238	234	230	228	226	227	231	236	241	245	247	245	242	237	234	230	228
45	225	224	220	216	211	208	206	208	212	218	223	228	230	228	225	219	214	209	208
50	207	206	201	196	190	187	184	187	191	198	204	210	212	210	206	199	193	188	186
55	187	186	181	175	168	164	162	165	170	178	184	190	193	190	186	178	171	165	163
60	167	166	160	153	145	140	137	141	147	156	164	170	173	170	165	156	149	141	138
65	147	145	139	131	122	115	112	117	124	134	142	149	152	149	143	134	125	117	112
70	126	124	118	109	98.2	90.1	86.1	91.4	100	111	120	128	131	128	121	111	101	91.1	86.1
75	105	104	96.3	87.3	75.2	64.9	59.6	66.3	76.8	88.5	98.5	107	110	107	99.4	88.7	77.4	66.0	59.4
80	84.1	82.7	75.6	65.9	53.8	41.4	34.1	42.4	54.1	66.8	77.4	85.8	89.2	85.8	78.4	67.0	54.7	42.2	34.0
85	65.2	63.6	56.6	46.9	34.6	22.1	12.9	22.3	34.7	47.7	58.7	67.2	70.6	67.3	59.6	48.2	35.4	22.1	12.6
90	51.0	49.3	42.5	33.0	21.1	9.64	1.73	9.98	21.8	34.4	45.2	53.0	56.1	53.2	45.8	34.9	22.4	9.89	1.66
95	41.3	39.5	33.2	24.3	13.3	2.73	1.28	5.17	15.4	26.7	36.7	43.8	46.6	44.0	37.1	27.0	15.8	5.28	1.21
100	31.5	29.8	23.4	14.4	3.34	1.47	1.22	1.75	10.3	20.8	29.9	36.6	39.2	36.8	30.5	21.2	10.9	1.97	1.21
105	18.9	17.2	10.7	2.86	1.76	1.51	1.36	1.54	5.25	15.0	23.6	29.9	32.4	30.1	24.2	15.5	6.11	1.47	1.36
110	4.00	3.23	2.16	1.99	1.79	1.63	1.56	1.62	2.11	9.06	17.0	22.9	25.2	23.1	17.7	9.75	2.43	1.60	1.56
115	2.25	2.20	2.12	2.04	1.91	1.78	1.76	1.78	2.00	3.55	10.3	15.7	17.8	15.9	11.0	4.25	1.88	1.77	1.76
120	2.21	2.23	2.20	2.16	2.08	1.98	1.96	1.96	2.11	2.40	4.14	8.34	10.3	8.62	4.84	2.26	2.01	1.96	1.96
125	2.34	2.36	2.35	2.32	2.24	2.17	2.16	2.16	2.28	2.44	2.70	3.60	4.29	3.67	2.58	2.28	2.20	2.16	2.16
130	2.50	2.53	2.52	2.49	2.40	2.37	2.36	2.36	2.46	2.57	2.68	2.79	2.77	2.66	2.52	2.44	2.40	2.36	2.36
135	2.67	2.70	2.68	2.65	2.58	2.57	2.56	2.57	2.65	2.72	2.79	2.85	2.79	2.73	2.67	2.62	2.59	2.56	2.56
140	2.83	2.87	2.84	2.80	2.77	2.76	2.76	2.77	2.80	2.88	2.92	2.95	2.90	2.86	2.83	2.79	2.77	2.75	2.75
145	2.99	3.03	2.98	2.97	2.95	2.96	2.97	2.98	2.98	3.04	3.06	3.07	3.04	3.01	2.99	2.96	2.95	2.94	2.94
150	3.14	3.17	3.14	3.14	3.13	3.14	3.15	3.16	3.16	3.17	3.21	3.22	3.18	3.16	3.14	3.12	3.12	3.11	3.12
155	3.30	3.33	3.30	3.30	3.30	3.31	3.32	3.33	3.33	3.33	3.32	3.35	3.33	3.29	3.28	3.27	3.28	3.28	3.29
160	3.46	3.47	3.45	3.45	3.45	3.47	3.48	3.49	3.48	3.48	3.47	3.47	3.45	3.42	3.42	3.42	3.44	3.44	3.45
165	3.61	3.60	3.58	3.59	3.59	3.61	3.62	3.63	3.62	3.63	3.62	3.62	3.60	3.56	3.57	3.56	3.58	3.58	3.60
170	3.73	3.72	3.70	3.71	3.71	3.73	3.73	3.75	3.74	3.75	3.74	3.75	3.73	3.68	3.69	3.68	3.71	3.70	3.72
175	3.83	3.82	3.79	3.80	3.80	3.82	3.82	3.83	3.83	3.84	3.84	3.85	3.83	3.79	3.79	3.78	3.80	3.80	3.81
180	3.88	3.86	3.84	3.85	3.84	3.86	3.86	3.87	3.88	3.88	3.88	3.90	3.88	3.85	3.85	3.84	3.84	3.86	3.86

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6242A P:14.98W PF:1.0000 Freq:0Hz Lamp Flux:1050.3x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 300LED	DIM.: 1000*8*1MM	SERIAL No.:20191225001
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	313	314	314	315	315														
5	312	312	313	314	314														
10	308	308	309	310	310														
15	300	301	303	304	304														
20	291	292	293	295	296														
25	278	280	282	284	285														
30	264	266	268	271	272														
35	247	250	252	256	258														
40	228	232	235	239	242														
45	208	212	216	221	224														
50	186	191	194	200	204														
55	163	167	173	180	185														
60	139	144	151	160	165														
65	113	120	129	138	144														
70	86.3	96.1	107	117	123														
75	61.2	73.6	85.3	95.9	102														
80	38.6	52.3	64.4	75.0	81.7														
85	20.3	33.6	45.2	55.7	62.7														
90	8.17	20.1	31.4	41.7	48.5														
95	2.07	10.4	21.1	31.9	38.9														
100	1.37	2.69	12.8	21.6	28.0														
105	1.46	1.66	2.28	10.7	16.0														
110	1.62	1.74	1.96	2.33	3.17														
115	1.80	1.88	1.98	2.20	2.37														
120	1.98	2.05	2.11	2.24	2.34														
125	2.16	2.23	2.28	2.35	2.42														
130	2.36	2.41	2.46	2.51	2.56														
135	2.56	2.59	2.63	2.68	2.70														
140	2.75	2.77	2.80	2.85	2.87														
145	2.94	2.95	2.98	3.01	3.04														
150	3.12	3.13	3.15	3.17	3.20														
155	3.29	3.30	3.30	3.33	3.35														
160	3.45	3.46	3.46	3.48	3.49														
165	3.59	3.60	3.60	3.61	3.62														
170	3.71	3.73	3.72	3.74	3.74														
175	3.81	3.82	3.82	3.84	3.84														
180	3.87	3.88	3.88	3.88	3.89														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-12-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks: