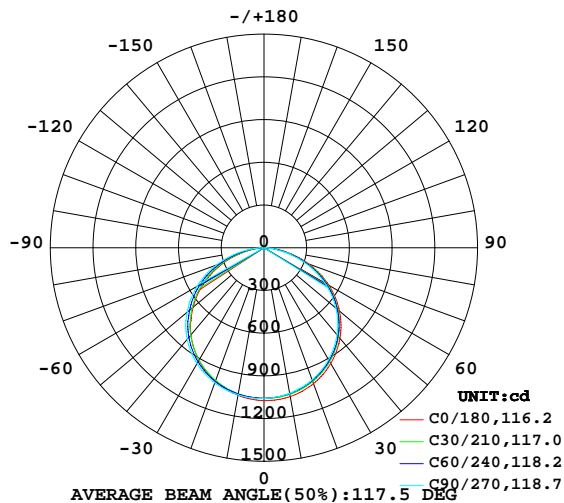


LUMINAIRE PHOTOMETRIC TEST REPORT

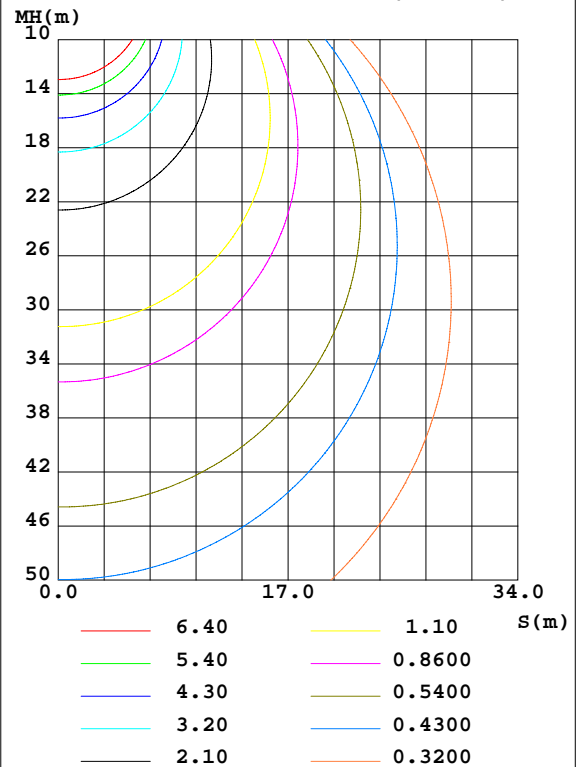
Test:U:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.45 lm/W			
WW-FLS1021C2835W128B-24(WCP)-HR-CV-HE		Imax(cd)	1079	S/MH(C0/180)	1.27
NOMINAL POWER(W)	23.3	LOR(%)	100.0	S/MH(C90/270)	1.32
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	3251.8	η UP,DN(C0-180)	0.7,48.2
NOMINAL FLUX(lm)	3251.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,50.5
LAMPS INSIDE	1	η up(%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	98.6	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:2019-04-01

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:

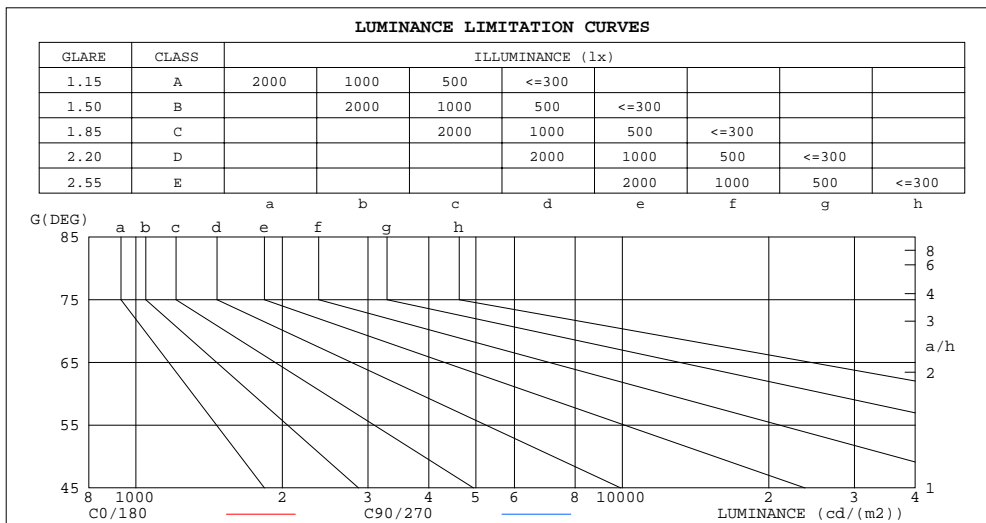
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1061	1043	1038	1048	1052	1042	1049	1064	0- 10	100.9	100.9	3.1,3.1
20	1016	997.3	987.6	992.3	997.9	994.5	1009	1025	10- 20	290.9	391.8	12,12
30	938.5	920.4	907.8	907.1	912.9	916.9	939.4	953.0	20- 30	446.1	838.0	25.8,25.8
40	830.3	813.0	798.2	791.7	798.0	809.4	839.1	849.4	30- 40	547.2	1385	42.6,42.6
50	692.0	671.9	659.1	644.0	650.1	672.0	703.6	715.4	40- 50	578.7	1964	60.4,60.4
60	525.8	507.9	492.1	474.1	481.0	506.8	543.5	547.5	50- 60	533.1	2497	76.8,76.8
70	337.0	320.4	300.2	282.2	291.8	317.8	356.8	359.6	60- 70	413.1	2910	89.5,89.5
80	141.5	129.7	110.6	95.22	105.0	126.0	159.6	162.2	70- 80	234.9	3145	96.7,96.7
90	10.11	10.37	5.775	6.134	4.980	9.318	8.713	17.35	80- 90	62.66	3208	98.6,98.6
100	3.410	3.641	4.142	3.985	3.725	3.734	3.822	3.581	90-100	5.181	3213	98.8,98.8
110	4.572	4.891	5.469	5.336	5.026	5.010	5.042	4.802	100-110	4.614	3217	98.9,98.9
120	5.919	6.215	6.848	6.647	6.392	6.374	6.418	6.149	110-120	5.661	3223	99.1,99.1
130	7.296	7.589	8.222	8.077	7.756	7.744	7.762	7.500	120-130	6.331	3229	99.3,99.3
140	8.702	8.960	9.532	9.442	9.105	9.075	9.102	8.897	130-140	6.527	3236	99.5,99.5
150	10.04	10.22	10.72	10.67	10.36	10.30	10.33	10.22	140-150	6.117	3242	99.7,99.7
160	11.34	11.33	11.69	11.72	11.51	11.37	11.43	11.39	150-160	5.053	3247	99.9,99.9
170	12.40	12.22	12.46	12.55	12.47	12.26	12.32	12.36	160-170	3.378	3251	100,100
180	12.98	12.74	12.87	12.94	12.98	12.74	12.84	12.97	170-180	1.204	3252	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:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	57388	37797
80	67911	53073
75	76125	65162
70	82102	73140
65	85552	78730
60	87635	82017
55	88978	84130
50	89716	85447
45	90115	86300

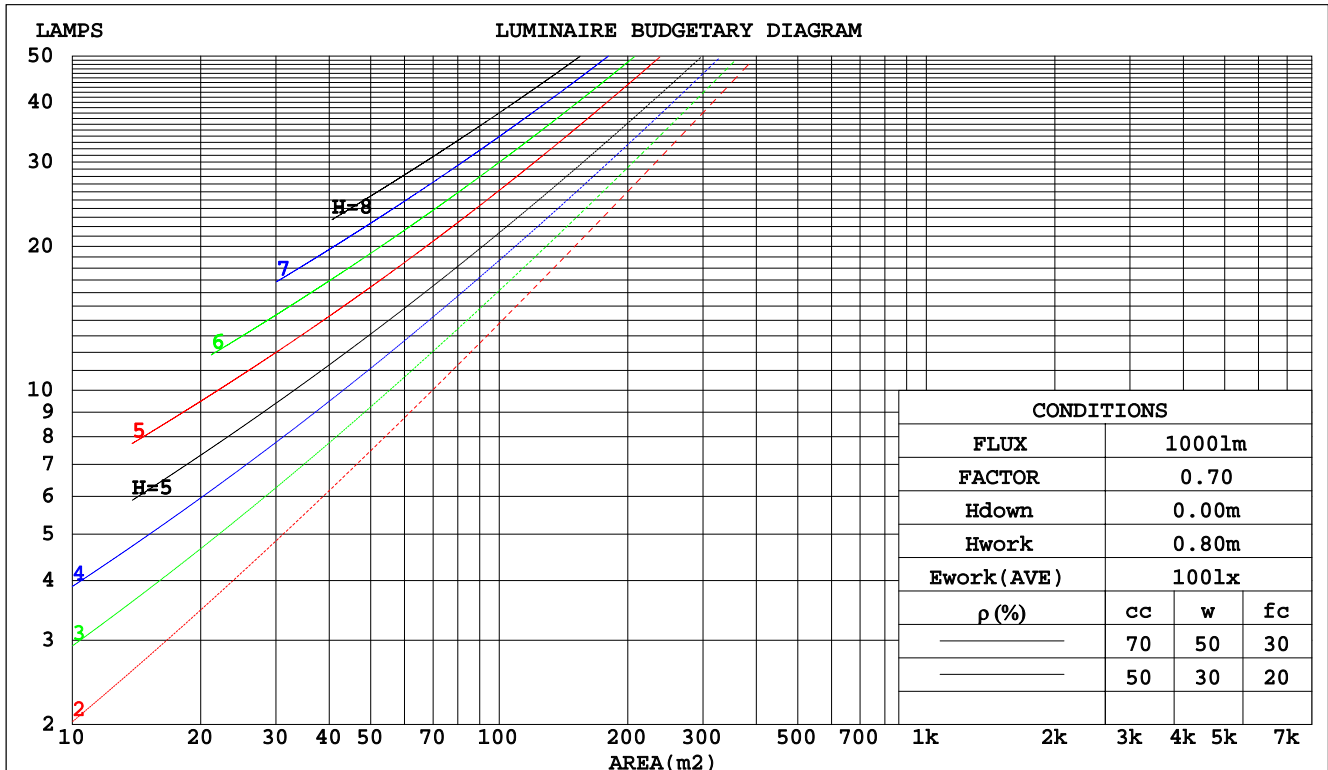
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	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	1.19	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	.60	.54	.68	.60	.53	.65	.58	.52	.63	.57	.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	.47	.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	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	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	.314	.178	.057	.306	.175	.056	.292	.168	.054	.279	.161	.052	.267	.155	.050		
2.0	.295	.162	.050	.289	.159	.049	.276	.154	.048	.265	.148	.046	.254	.144	.045		
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.040		
4.0	.252	.131	.038	.246	.129	.038	.237	.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	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.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	.165	.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	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.191	.167	.144	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.108	.157	.123	.093	.108	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.176	.125	.084	.151	.108	.073	.103	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.112	.069	.144	.096	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.161	.101	.057	.138	.088	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.050	.132	.081	.043	.091	.056	.031	.053	.033	.018	.017	.011	.006	
7.0	.147	.086	.044	.126	.075	.038	.087	.052	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.121	.070	.034	.083	.049	.024	.049	.029	.014	.016	.009	.005	
9.0	.134	.075	.036	.115	.065	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.111	.062	.029	.077	.043	.020	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g		
SPEC.:2835 128LED					DIM.: 1000*12*1MM			SERIAL No.:20190401007		
MFR.: EVERFINE					SUR.:1000*12mm			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	24.4	25.9	24.7	26.1	26.4	24.2	25.7	24.4	25.9	26.1
3H	26.0	27.4	26.3	27.7	28.0	25.7	27.1	26.0	27.3	27.6
4H	26.7	28.0	27.0	28.3	28.6	26.2	27.6	26.6	27.8	28.1
6H	27.1	28.4	27.5	28.7	29.0	26.6	27.8	26.9	28.1	28.4
8H	27.3	28.5	27.6	28.8	29.1	26.7	27.9	27.0	28.2	28.5
12H	27.3	28.5	27.7	28.8	29.2	26.7	27.8	27.0	28.2	28.5
4H 2H	25.0	26.3	25.3	26.6	26.9	24.8	26.2	25.2	26.4	26.7
3H	26.8	28.0	27.2	28.3	28.6	26.5	27.7	26.9	28.0	28.3
4H	27.6	28.6	28.0	29.0	29.3	27.2	28.2	27.6	28.6	29.0
6H	28.1	29.1	28.6	29.5	29.9	27.6	28.6	28.1	29.0	29.4
8H	28.3	29.2	28.8	29.6	30.0	27.8	28.6	28.2	29.0	29.5
12H	28.4	29.3	28.9	29.7	30.1	27.8	28.6	28.3	29.0	29.5
8H 4H	27.8	28.7	28.2	29.1	29.5	27.5	28.3	27.9	28.7	29.2
6H	28.5	29.2	29.0	29.7	30.1	28.1	28.8	28.5	29.2	29.7
8H	28.8	29.4	29.3	29.9	30.4	28.3	28.9	28.7	29.4	29.8
12H	29.0	29.5	29.5	30.0	30.5	28.4	28.9	28.9	29.4	29.9
12H 4H	27.8	28.6	28.2	29.0	29.5	27.5	28.3	27.9	28.7	29.1
6H	28.6	29.2	29.0	29.7	30.1	28.1	28.8	28.6	29.2	29.7
8H	28.9	29.4	29.4	29.9	30.4	28.3	28.9	28.8	29.4	29.9
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, 3252 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.1$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:

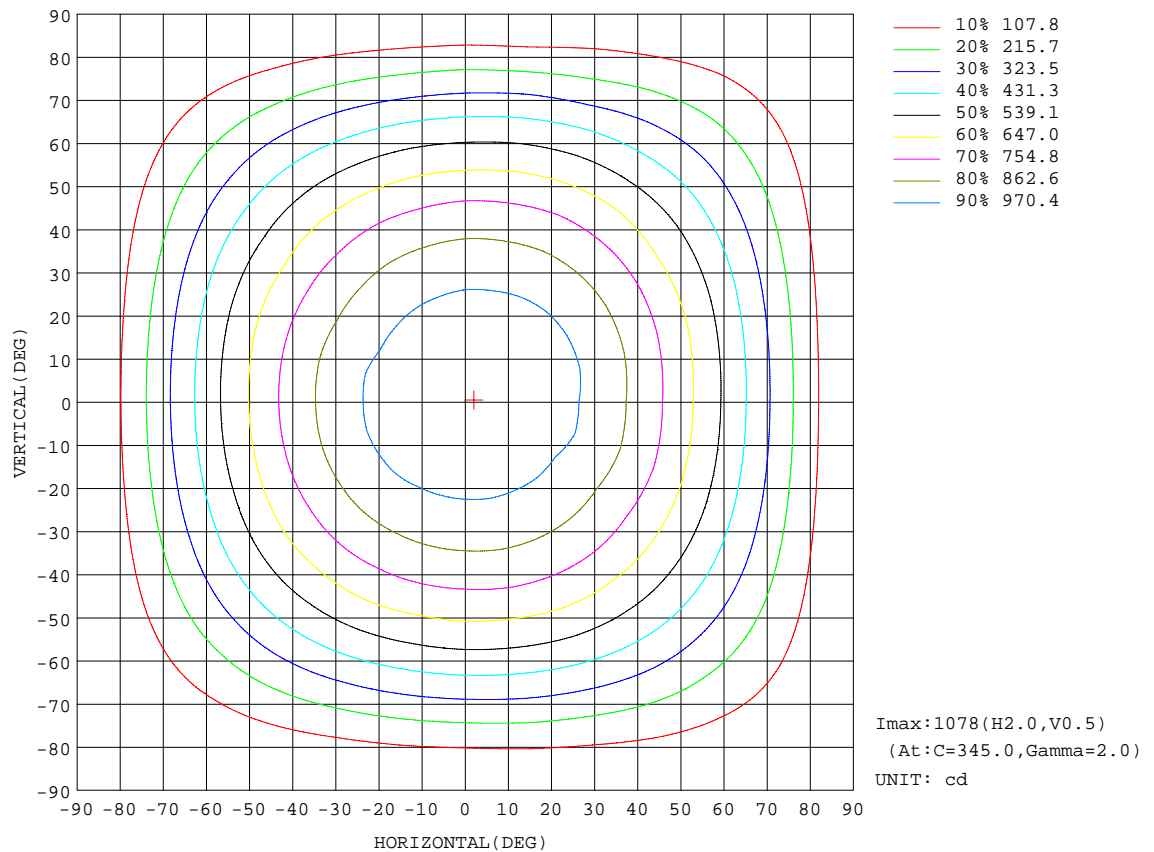
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	37	56	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	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	94	99	94	91	81
5.00	108	103	99	106	101	97	101	97	94	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:



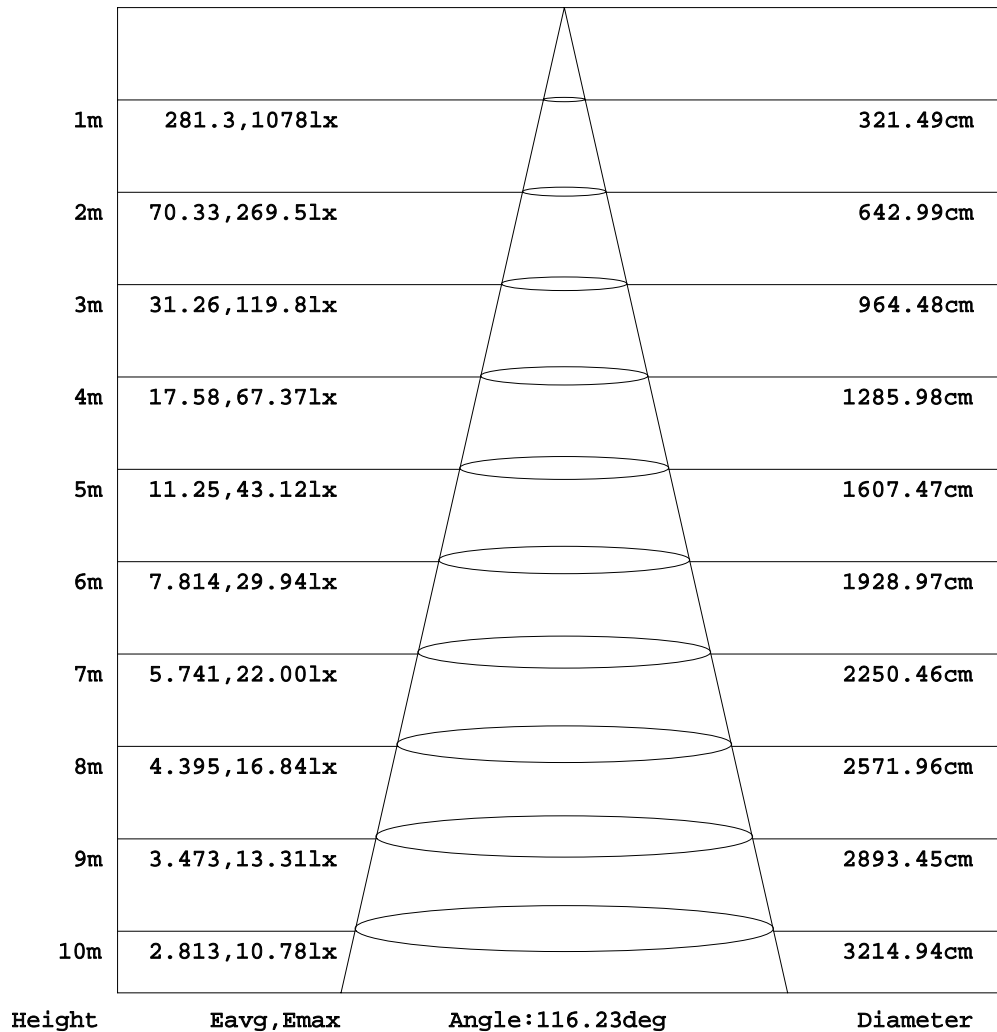
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:

Flux out:2448 lm



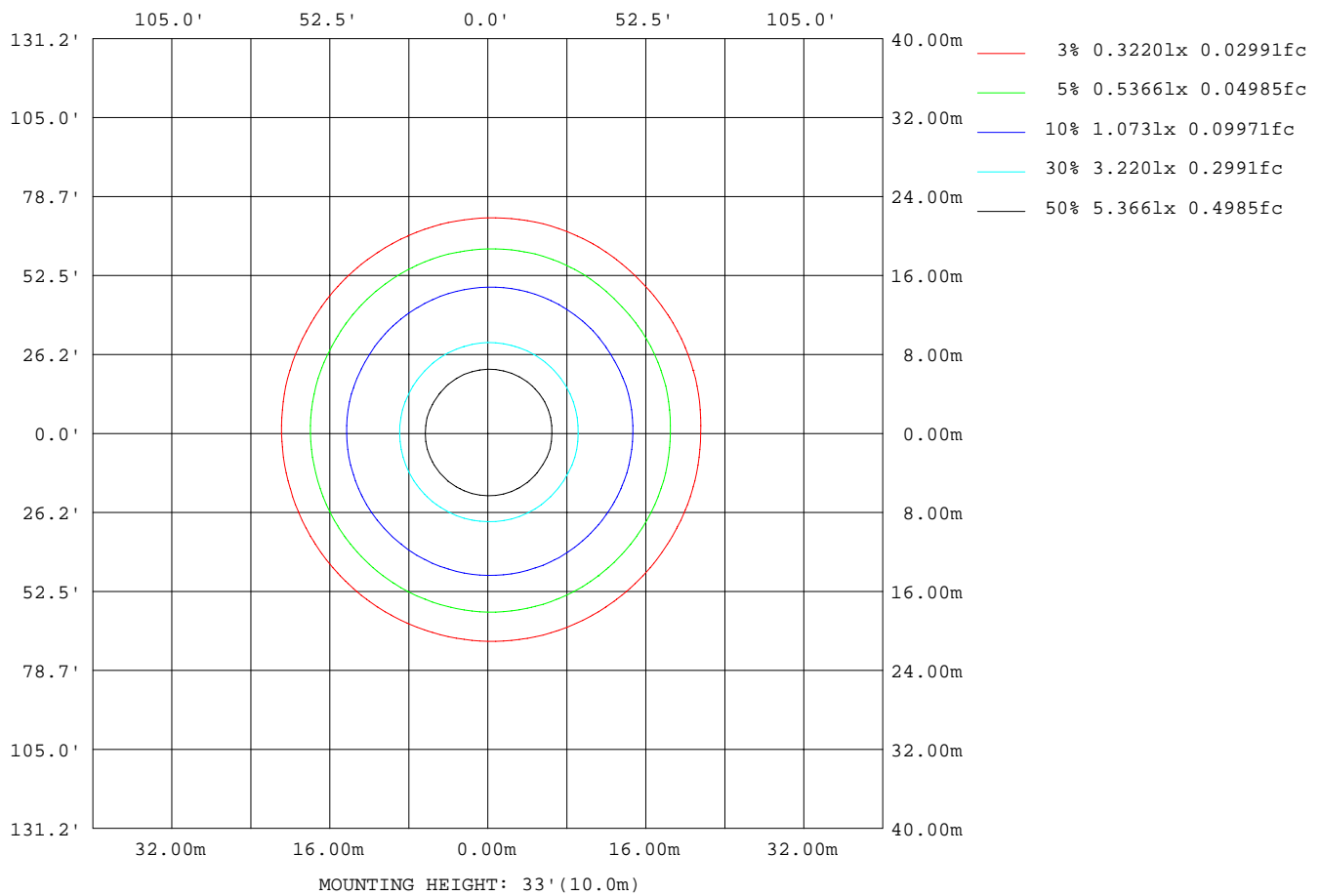
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:

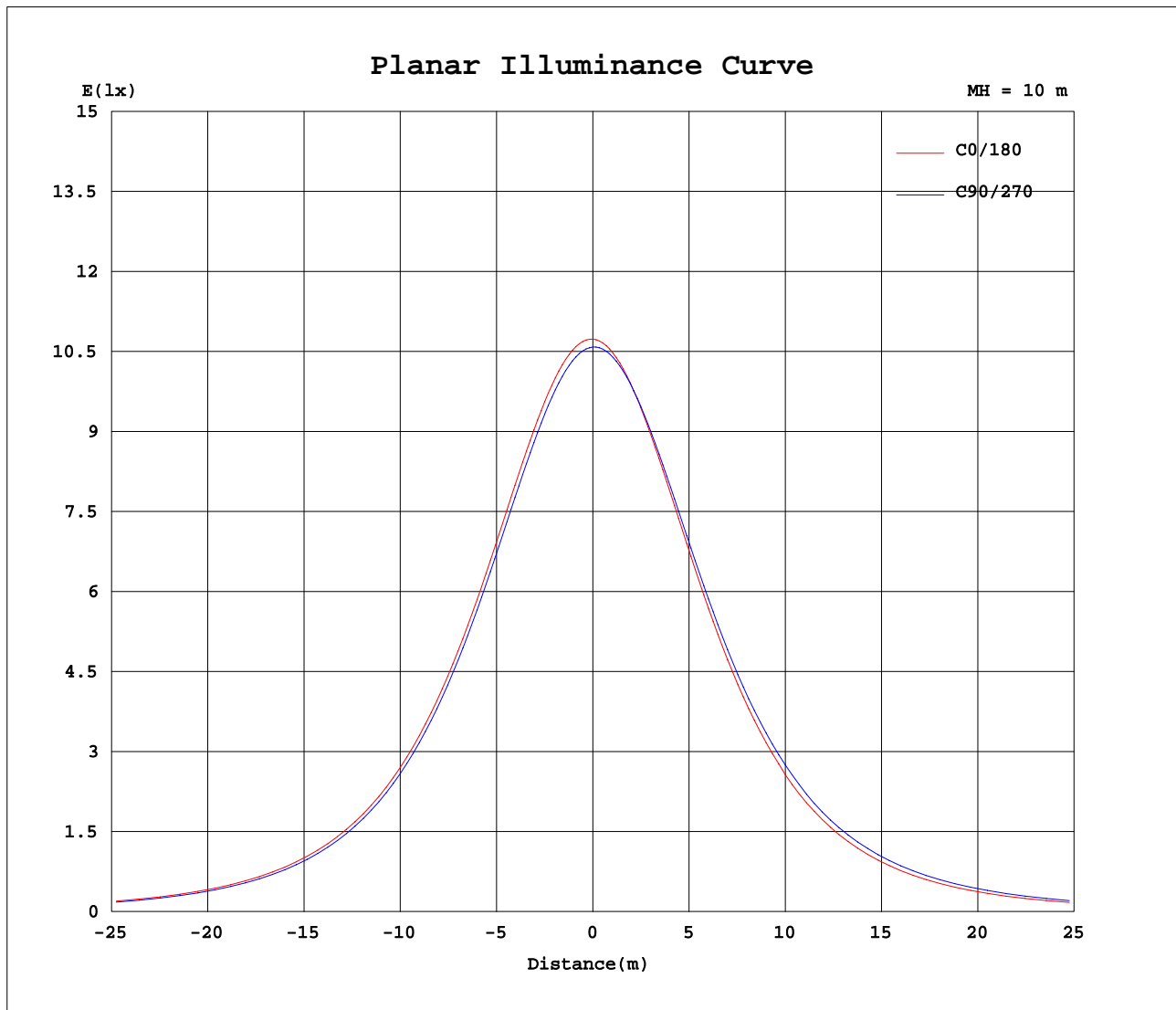
AvgL	cd/m2
L_0~180(65)av	81038
L_0~180(75)av	69503
L_0~180(85)av	45262
L_90~270(65)av	84019
L_90~270(75)av	74062
L_90~270(85)av	53591
L_45(65)av	82080
L_45(75)av	71258
L_45(85)av	49170

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-01

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: 2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm																		
NAME: LED Strip									TYPE:Indoor lighting					WEIGHT:25g				
SPEC.:2835 128LED									DIM.: 1000*12*1MM					SERIAL No.:20190401007				
MFR.: EVERFINE									SUR.:1000*12mm					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	1073	1074	1059	1058	1056	1057	1058	1059	1065	1072	1074	1078	1073	1074	1059	1058	1056	1057	1058
5	1071	1072	1056	1055	1052	1052	1052	1052	1057	1064	1066	1070	1067	1068	1054	1054	1053	1055	1057
10	1061	1062	1045	1043	1040	1039	1038	1038	1041	1048	1050	1054	1052	1053	1041	1042	1043	1045	1049
15	1042	1043	1026	1024	1020	1018	1016	1016	1018	1024	1027	1031	1029	1031	1020	1022	1025	1028	1033
20	1016	1016	1000	997	993	991	988	986	987	992	995	999	998	1001	991	994	999	1004	1009
25	981	981	965	963	958	955	951	949	949	953	956	959	959	962	955	960	966	971	978
30	939	939	923	920	916	913	908	905	904	907	909	912	913	917	912	917	925	932	939
35	888	889	873	871	866	863	857	854	851	853	854	858	859	863	860	867	877	884	893
40	830	831	816	813	809	805	798	794	791	792	792	796	798	803	802	809	821	829	839
45	765	765	751	749	744	738	732	724	724	719	722	722	725	734	734	744	757	766	778
50	692	688	679	672	672	664	659	651	649	644	646	646	650	660	659	672	682	696	704
55	612	608	599	593	592	584	579	570	567	562	563	563	569	578	579	592	604	618	627
60	526	521	513	508	505	498	492	483	479	474	473	474	481	490	493	507	519	534	543
65	434	430	422	417	412	407	399	391	385	380	379	380	388	397	402	415	429	443	453
70	337	333	324	320	314	310	300	293	285	282	279	283	292	298	306	318	332	345	357
75	236	235	226	223	216	213	202	196	188	185	182	187	195	202	210	219	234	244	258
80	142	140	132	130	123	119	111	106	97.6	95.2	92.8	97.2	105	110	118	126	139	149	160
85	60.0	58.9	54.3	52.6	47.6	45.0	39.5	36.9	31.8	29.0	28.1	29.7	34.7	37.9	43.8	49.5	59.1	65.5	72.6
90	10.1	10.6	9.97	10.4	9.49	8.33	5.78	7.19	6.71	6.13	5.47	5.03	4.98	5.80	7.44	9.32	12.5	12.6	8.71
95	3.77	4.09	4.50	4.75	3.82	3.84	4.14	4.13	3.75	3.80	4.04	4.17	4.00	4.05	3.90	3.71	3.70	4.15	4.20
100	3.41	3.49	3.48	3.64	3.84	4.00	4.14	4.09	4.09	3.99	3.92	3.84	3.73	3.72	3.64	3.73	3.79	3.88	3.82
105	3.91	4.02	4.08	4.24	4.44	4.61	4.75	4.71	4.71	4.65	4.59	4.49	4.35	4.36	4.27	4.34	4.35	4.37	4.33
110	4.57	4.68	4.74	4.89	5.12	5.28	5.47	5.43	5.37	5.34	5.28	5.16	5.03	5.04	4.95	5.01	5.02	5.07	5.04
115	5.24	5.35	5.40	5.56	5.77	5.96	6.17	6.14	6.08	6.01	5.96	5.82	5.72	5.73	5.64	5.70	5.71	5.76	5.74
120	5.92	6.02	6.07	6.21	6.43	6.63	6.85	6.83	6.78	6.65	6.64	6.51	6.39	6.41	6.31	6.37	6.39	6.44	6.42
125	6.60	6.69	6.75	6.89	7.11	7.31	7.53	7.53	7.48	7.36	7.33	7.19	7.07	7.10	6.99	7.06	7.07	7.12	7.09
130	7.30	7.41	7.45	7.59	7.81	8.00	8.22	8.23	8.19	8.08	7.99	7.87	7.76	7.79	7.67	7.74	7.75	7.80	7.76
135	8.01	8.15	8.16	8.29	8.49	8.68	8.90	8.92	8.89	8.78	8.68	8.57	8.44	8.47	8.35	8.42	8.43	8.48	8.44
140	8.70	8.88	8.84	8.96	9.14	9.32	9.53	9.58	9.55	9.44	9.36	9.22	9.10	9.14	9.01	9.08	9.09	9.14	9.10
145	9.38	9.58	9.51	9.61	9.76	9.96	10.2	10.2	10.2	10.1	9.99	9.85	9.75	9.77	9.64	9.70	9.72	9.77	9.74
150	10.0	10.2	10.1	10.2	10.4	10.5	10.7	10.7	10.7	10.7	10.6	10.5	10.4	10.4	10.2	10.3	10.3	10.4	10.3
155	10.7	10.8	10.8	10.8	10.9	11.1	11.2	11.3	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.8	10.9	10.9	10.9
160	11.3	11.4	11.3	11.3	11.4	11.6	11.7	11.7	11.8	11.7	11.7	11.6	11.5	11.4	11.3	11.4	11.4	11.5	11.4
165	11.9	11.9	11.8	11.8	11.9	12.0	12.1	12.2	12.2	12.2	12.2	12.1	12.1	12.0	11.8	11.8	11.9	11.9	11.9
170	12.4	12.4	12.2	12.2	12.3	12.4	12.5	12.5	12.6	12.6	12.6	12.6	12.5	12.4	12.2	12.3	12.3	12.3	12.3
175	12.8	12.8	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.8	12.9	13.0	12.8	12.8	12.6	12.6	12.6	12.6	12.6
180	13.0	12.9	12.7	12.7	12.8	12.8	12.9	12.9	12.9	12.9	13.0	13.1	13.0	13.0	12.7	12.7	12.8	12.8	12.8

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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:24.01V I:0.9711A P:23.32W PF:1.0000 Freq:0Hz Lamp Flux:3251.75x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 128LED	DIM.: 1000*12*1MM	SERIAL No.:20190401007
MFR.: EVERFINE	SUR.:1000*12mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1059	1065	1072	1074	1078														
5	1059	1065	1072	1075	1077														
10	1051	1058	1064	1067	1068														
15	1036	1042	1049	1050	1051														
20	1013	1019	1025	1026	1025														
25	982	988	993	993	991														
30	943	950	953	953	950														
35	897	903	905	905	900														
40	844	850	849	849	843														
45	782	788	786	785	778														
50	713	715	715	708	705														
55	637	639	637	624	626														
60	554	554	548	545	540														
65	462	462	453	454	448														
70	365	358	360	357	350														
75	261	257	258	258	250														
80	154	162	162	159	152														
85	67.1	75.8	74.7	74.3	68.0														
90	12.3	18.7	17.4	16.5	13.4														
95	3.85	3.73	4.69	4.57	4.32														
100	3.76	3.64	3.58	3.58	3.73														
105	4.27	4.17	4.12	4.11	4.23														
110	4.95	4.84	4.80	4.78	4.90														
115	5.64	5.51	5.48	5.46	5.59														
120	6.31	6.17	6.15	6.14	6.26														
125	6.98	6.83	6.81	6.82	6.94														
130	7.65	7.51	7.50	7.51	7.64														
135	8.34	8.20	8.20	8.20	8.37														
140	9.01	8.88	8.90	8.90	9.09														
145	9.66	9.54	9.57	9.59	9.79														
150	10.3	10.2	10.2	10.3	10.5														
155	10.9	10.8	10.8	10.9	11.1														
160	11.4	11.3	11.4	11.5	11.6														
165	11.9	11.9	11.9	12.0	12.1														
170	12.3	12.3	12.4	12.4	12.6														
175	12.7	12.7	12.7	12.8	13.0														
180	12.9	12.9	13.0	13.0	13.2														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-01

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: