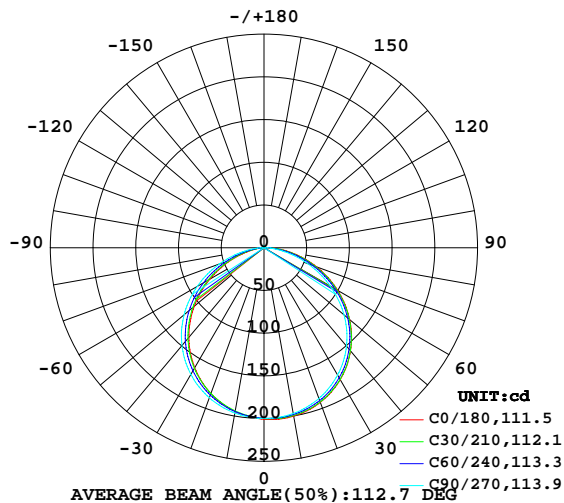


LUMINAIRE PHOTOMETRIC TEST REPORT

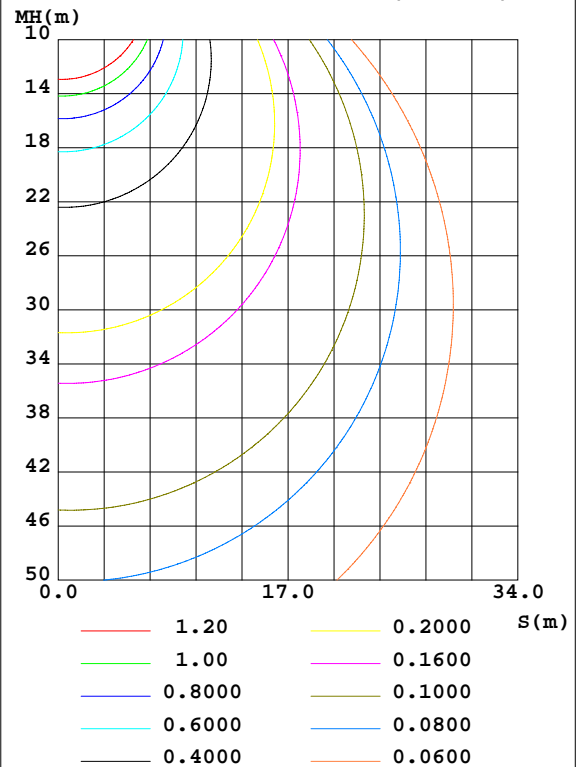
Test:U:23.992V I:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.23 lm/W			
WW-FINDET36FC120B-24 (WCP) -10		Imax(cd)	202.0	S/MH(C0/180)	1.21
NOMINAL POWER(W)	19.0102	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	584.31	η UP,DN(C0-180)	0.7,49.7
NOMINAL FLUX(lm)	584.308	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,48.9
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	98.5	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: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:

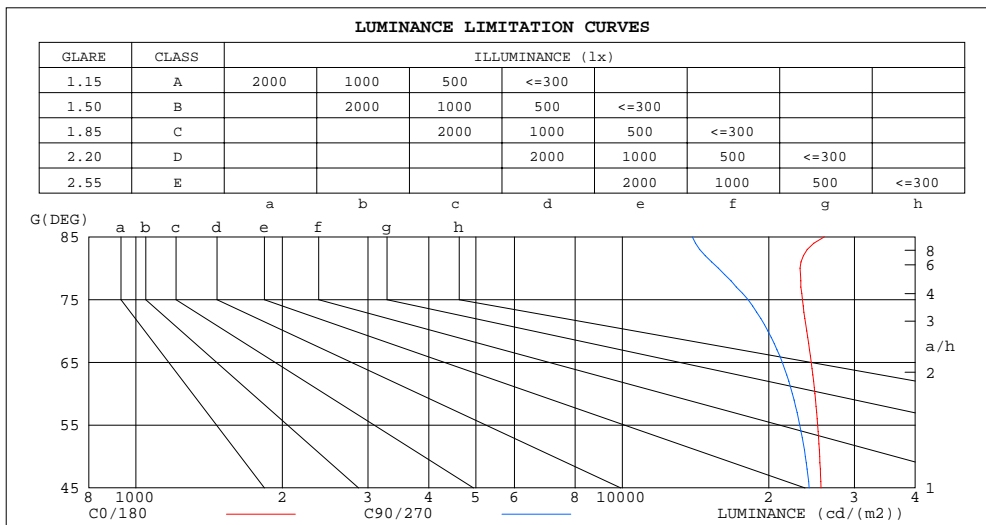
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	200.1	199.0	197.0	195.7	194.6	194.2	196.5	199.8	0- 10	18.96	18.96	3.25,3.25
20	192.7	191.5	187.8	183.7	181.6	182.3	186.9	191.9	10- 20	54.47	73.43	12.6,12.6
30	178.4	177.4	172.1	165.5	162.2	164.2	171.2	177.4	20- 30	82.92	156.3	26.8,26.8
40	157.6	156.7	150.3	141.2	136.9	140.1	149.4	156.4	30- 40	100.4	256.7	43.9,43.9
50	130.9	129.8	122.3	111.5	106.5	110.9	122.0	129.6	40- 50	104.1	360.8	61.8,61.8
60	99.54	97.87	89.46	78.01	72.96	77.76	90.08	98.08	50- 60	93.43	454.3	77.7,77.7
70	65.51	62.84	54.48	43.26	38.95	43.77	55.46	63.77	60- 70	70.02	524.3	89.7,89.7
80	32.23	29.52	21.90	13.96	11.25	14.41	22.95	30.28	70- 80	39.30	563.6	96.5,96.5
90	7.750	5.919	1.606	0.8053	0.7372	0.9627	1.661	5.573	80- 90	12.12	575.7	98.5,98.5
100	1.037	1.037	0.7327	0.7116	0.7184	0.7191	0.7350	0.7665	90-100	1.558	577.3	98.8,98.8
110	0.7550	0.8521	0.9010	0.9461	0.9697	0.9692	0.9585	0.8229	100-110	0.8742	578.1	98.9,98.9
120	0.9736	1.032	1.144	1.195	1.228	1.237	1.246	1.079	110-120	1.004	579.1	99.1,99.1
130	1.264	1.309	1.383	1.480	1.533	1.541	1.515	1.380	120-130	1.154	580.3	99.3,99.3
140	1.582	1.624	1.617	1.784	1.701	1.709	1.690	1.561	130-140	1.201	581.5	99.5,99.5
150	1.758	1.801	1.840	1.939	1.883	1.887	1.892	1.772	140-150	1.108	582.6	99.7,99.7
160	1.952	1.975	2.030	2.076	2.078	2.062	2.063	1.984	150-160	0.8951	583.5	99.9,99.9
170	2.155	2.157	2.188	2.220	2.234	2.202	2.210	2.165	160-170	0.5962	584.1	100,100
180	2.293	2.275	2.282	2.286	2.296	2.274	2.282	2.282	170-180	0.2130	584.3	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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	26021	13923
80	23198	15763
75	23463	18129
70	23944	19913
65	24457	21318
60	24884	22365
55	25211	23161
50	25450	23786
45	25616	24215

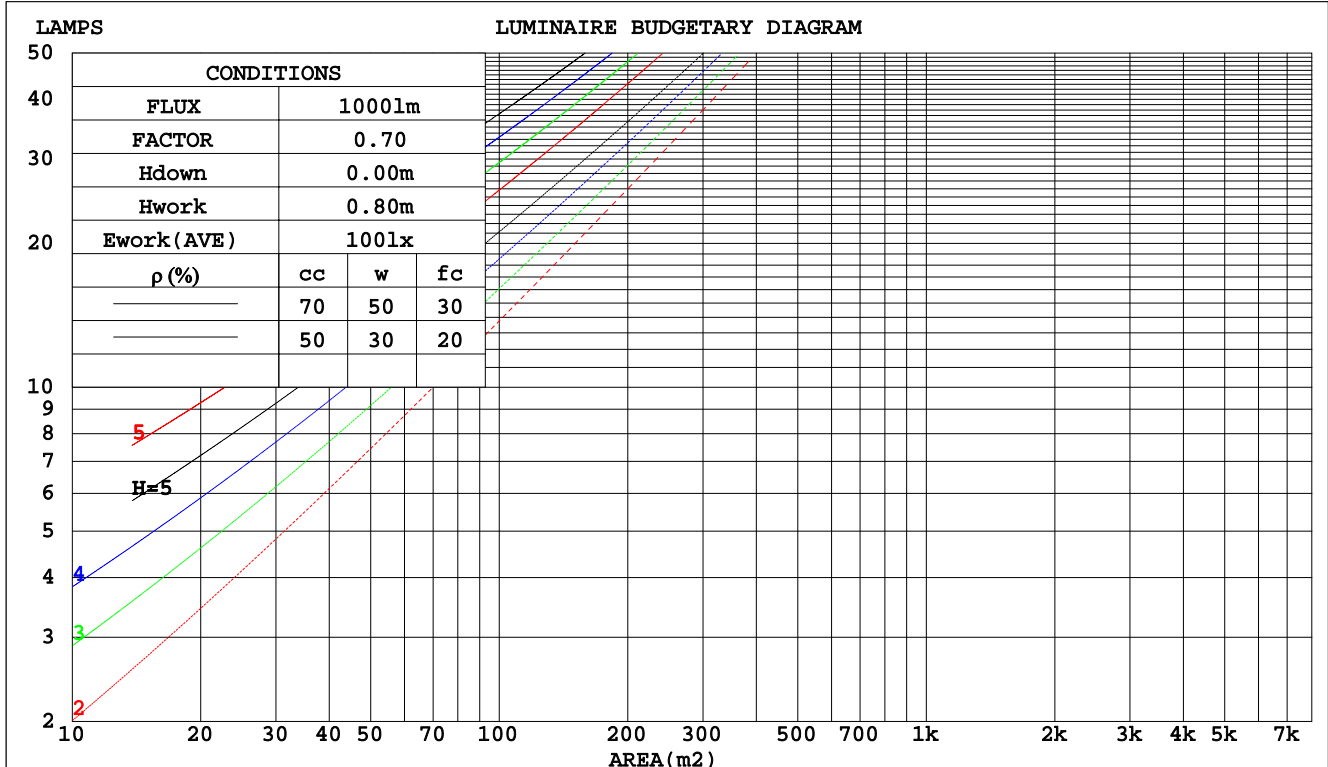
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-08-24

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	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	1.04	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.81	.76	.73	.78	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.276	.159	.051	.264	.153	.049		
2.0	.291	.160	.049	.285	.157	.048	.272	.151	.047	.261	.146	.046	.250	.141	.045		
3.0	.269	.143	.043	.263	.141	.042	.252	.137	.042	.242	.133	.041	.233	.129	.040		
4.0	.249	.129	.038	.243	.127	.038	.233	.124	.037	.224	.120	.036	.216	.117	.036		
5.0	.230	.117	.034	.225	.116	.034	.216	.113	.033	.208	.110	.033	.201	.107	.032		
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.187	.098	.029		
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.185	.091	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.174	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.155	.076	.021	.151	.075	.021	.146	.073	.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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022		
1.0	.192	.167	.146	.164	.144	.125	.112	.099	.087	.065	.057	.050	.021	.018	.016		
2.0	.184	.143	.109	.157	.123	.095	.108	.085	.066	.062	.050	.039	.020	.016	.013		
3.0	.176	.126	.086	.151	.108	.074	.103	.075	.052	.060	.044	.031	.019	.014	.010		
4.0	.168	.112	.070	.144	.097	.061	.099	.068	.043	.057	.040	.025	.018	.013	.008		
5.0	.161	.102	.059	.138	.088	.051	.095	.062	.036	.055	.036	.021	.018	.012	.007		
6.0	.154	.094	.051	.132	.081	.044	.091	.057	.031	.053	.033	.019	.017	.011	.006		
7.0	.147	.087	.045	.126	.075	.039	.087	.053	.028	.051	.031	.016	.016	.010	.005		
8.0	.140	.081	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005		
9.0	.134	.076	.037	.116	.066	.032	.080	.046	.023	.047	.027	.014	.015	.009	.005		
10.0	.129	.072	.034	.111	.062	.030	.077	.044	.021	.045	.026	.013	.015	.009	.004		

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:20g		
SPEC.:3535 120LED					DIM.: 1000*10*1mm			SERIAL No.:20200824001		
MFR.: EVERFINE					SUR.:1000*10mm			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	26.2	27.7	26.5	28.0	28.2	25.9	27.4	26.2	27.6	27.9
3H	27.9	29.3	28.2	29.6	29.8	27.4	28.8	27.7	29.0	29.3
4H	28.6	30.0	29.0	30.2	30.5	27.9	29.3	28.3	29.5	29.8
6H	29.2	30.5	29.6	30.8	31.1	28.3	29.6	28.7	29.9	30.2
8H	29.5	30.7	29.8	31.0	31.3	28.4	29.6	28.8	29.9	30.3
12H	29.7	30.8	30.0	31.1	31.5	28.5	29.7	28.9	30.0	30.3
4H 2H	26.9	28.2	27.2	28.4	28.7	26.6	27.9	26.9	28.2	28.5
3H	28.7	29.9	29.1	30.2	30.5	28.3	29.4	28.6	29.7	30.1
4H	29.6	30.6	30.0	31.0	31.3	29.0	30.0	29.4	30.4	30.7
6H	30.3	31.2	30.7	31.6	32.0	29.5	30.4	29.9	30.8	31.2
8H	30.6	31.5	31.1	31.9	32.3	29.7	30.5	30.1	30.9	31.3
12H	30.9	31.7	31.3	32.1	32.5	29.8	30.6	30.2	31.0	31.4
8H 4H	29.9	30.7	30.3	31.1	31.5	29.3	30.2	29.8	30.6	31.0
6H	30.8	31.5	31.2	31.9	32.4	30.0	30.7	30.5	31.2	31.6
8H	31.2	31.8	31.7	32.3	32.8	30.3	30.9	30.8	31.4	31.9
12H	31.6	32.1	32.1	32.6	33.1	30.5	31.1	31.0	31.5	32.0
12H 4H	29.9	30.7	30.3	31.1	31.5	29.4	30.2	29.8	30.6	31.0
6H	30.8	31.5	31.3	31.9	32.4	30.1	30.8	30.6	31.2	31.7
8H	31.3	31.9	31.8	32.3	32.8	30.5	31.0	31.0	31.5	32.0
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	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 584.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)
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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

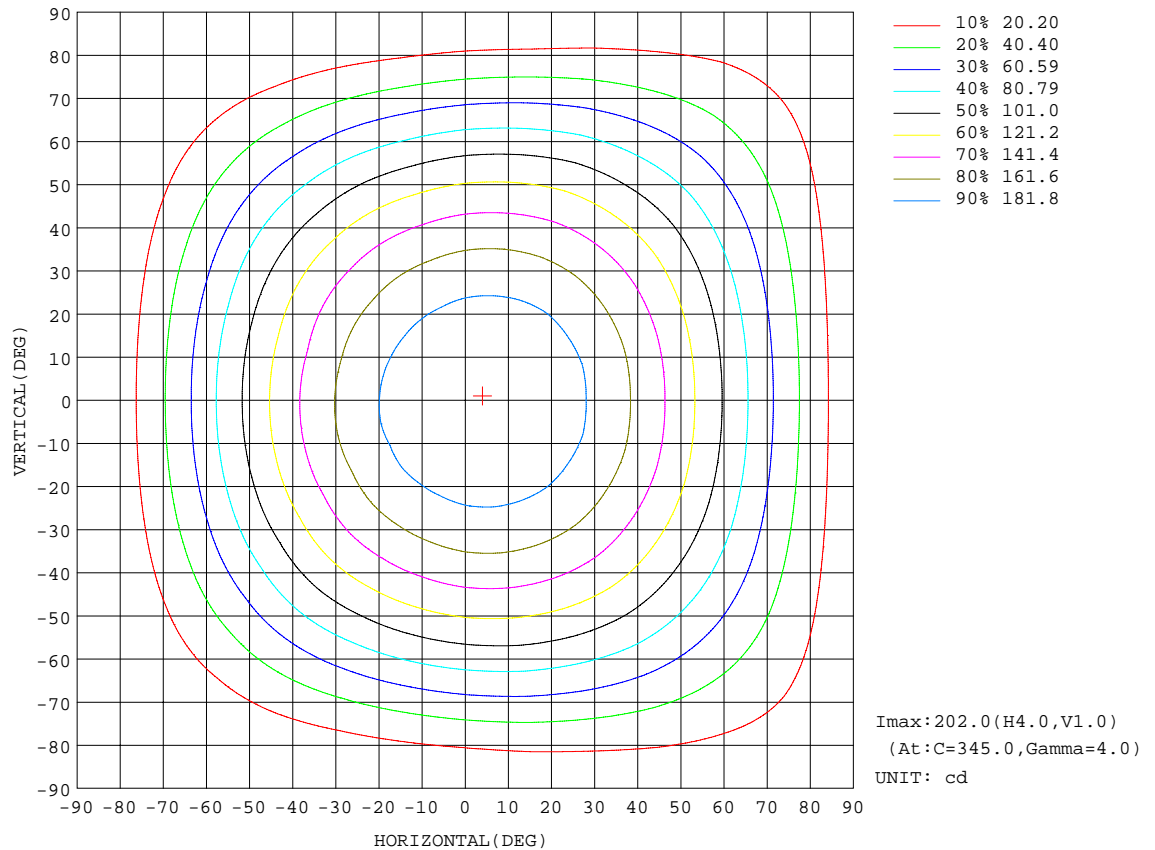
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	94	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



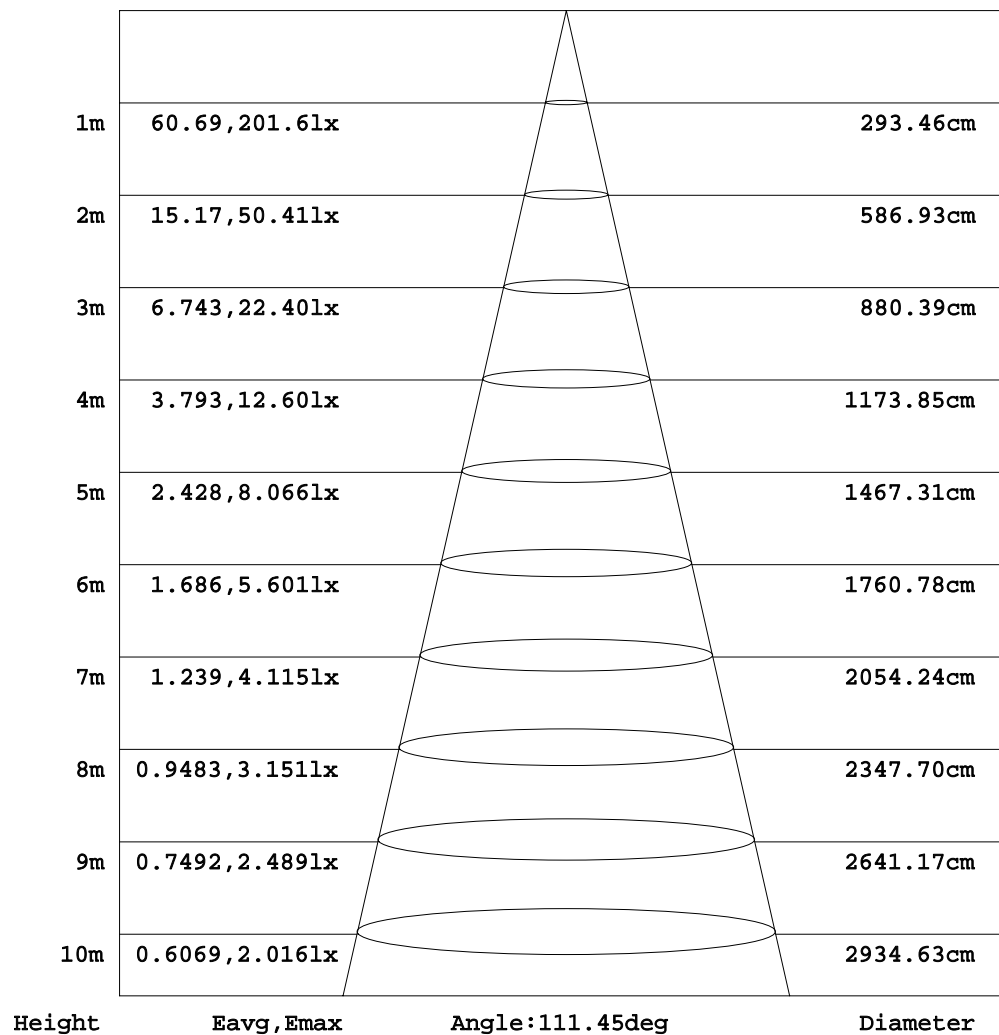
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-08-24

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:419.1 lm



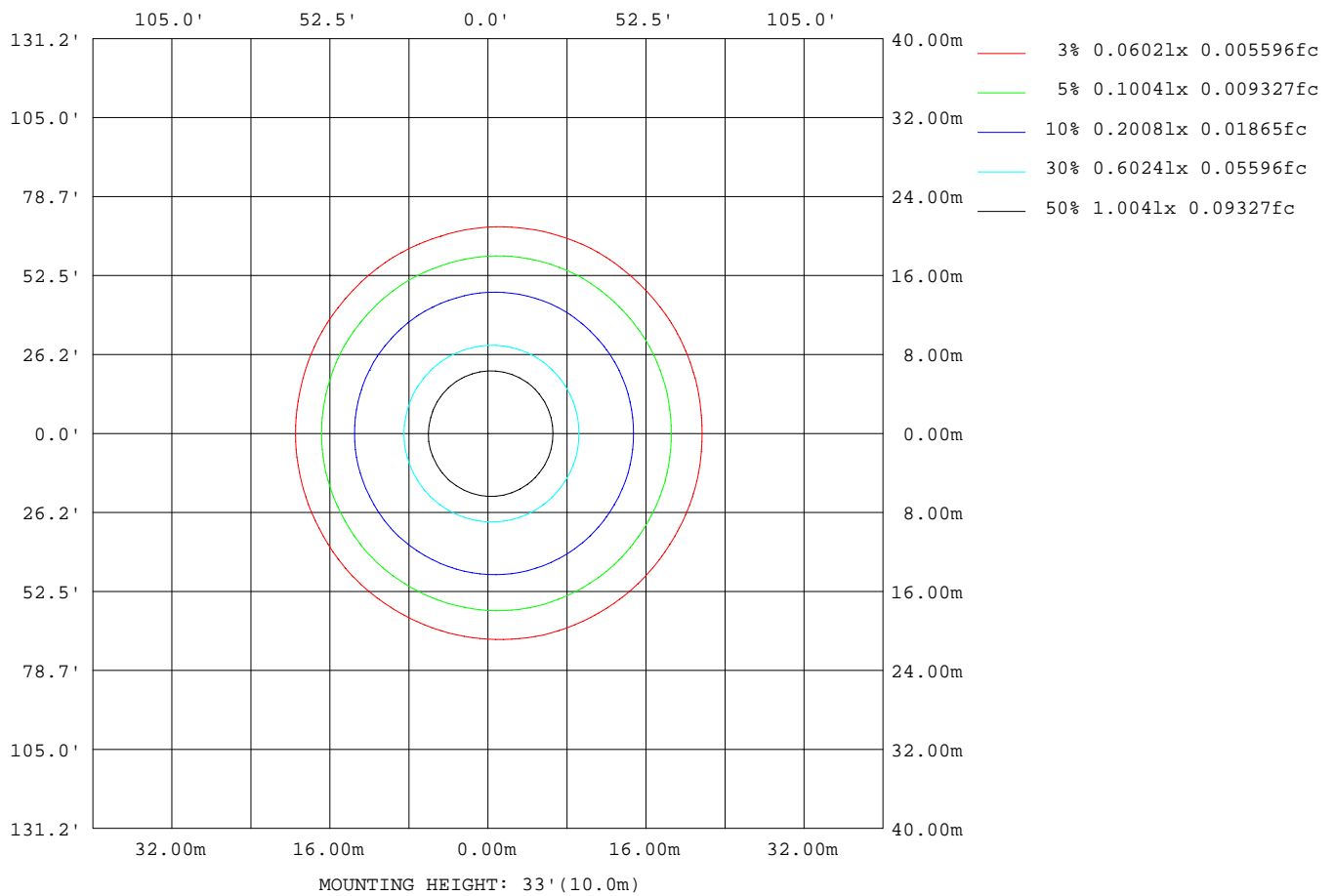
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

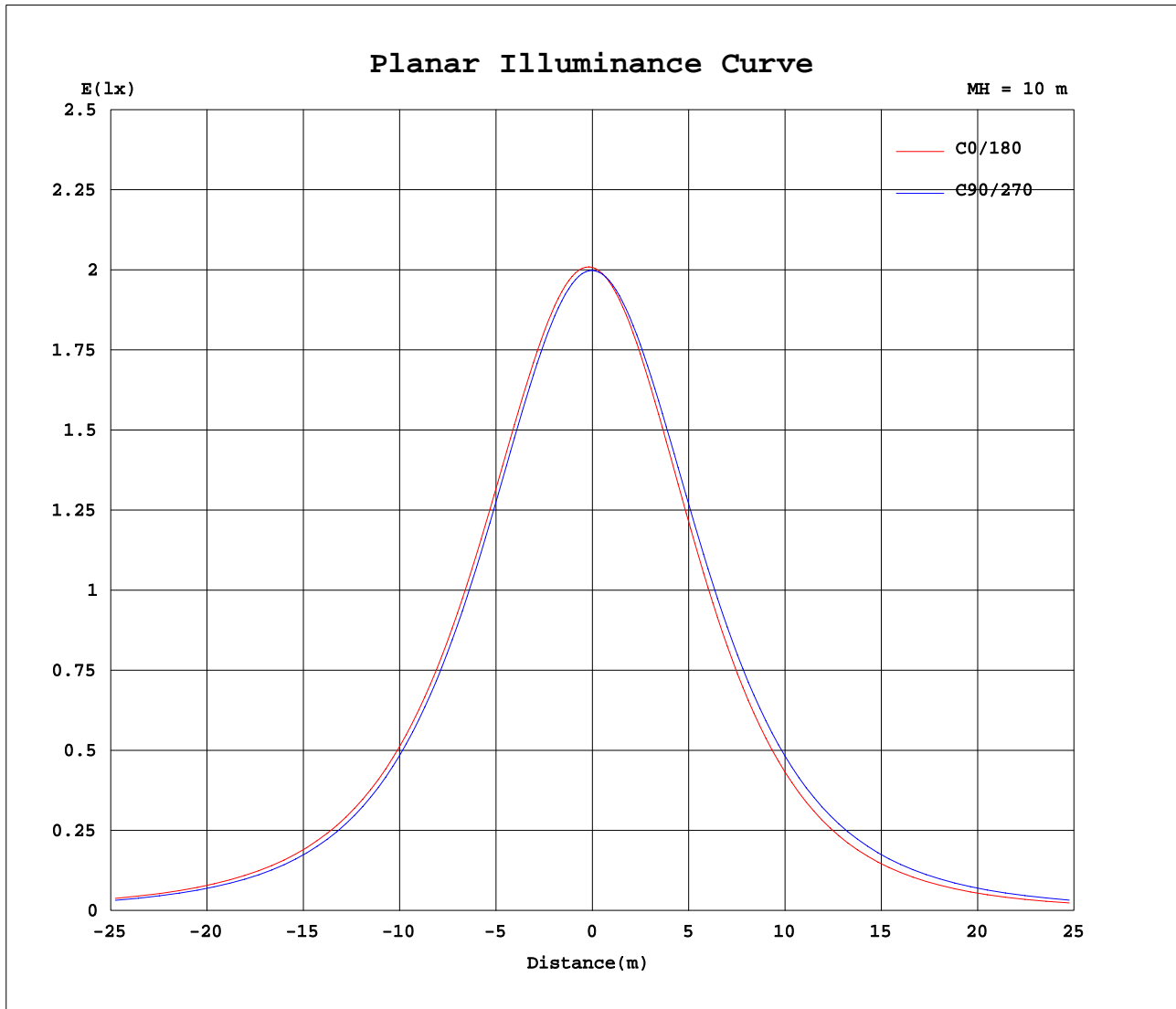
AvgL	cd/m2
L_0~180(65)av	20448
L_0~180(75)av	17468
L_0~180(85)av	15619
L_90~270(65)av	21453
L_90~270(75)av	18387
L_90~270(85)av	14203
L_45(65)av	20909
L_45(75)av	17843
L_45(85)av	14811

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	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	201	201	200	200	200	200	200	200	200	201	201	201	201	201	200	200	200	200	200
5	201	201	200	200	200	199	199	199	199	199	199	199	199	198	198	198	198	198	199
10	200	200	199	199	198	198	197	196	196	196	195	195	195	194	194	194	195	195	196
15	197	197	197	196	195	194	193	192	191	191	189	189	189	189	189	189	190	191	192
20	193	193	192	192	190	189	188	186	185	184	182	182	182	181	182	182	184	185	187
25	186	187	186	185	184	183	181	178	177	175	173	173	173	173	173	174	176	177	180
30	178	179	178	177	176	174	172	169	167	166	163	163	162	162	163	164	166	168	171
35	169	169	168	168	166	164	162	159	156	154	151	151	150	149	151	153	155	158	161
40	158	158	157	157	155	153	150	147	143	141	138	137	137	137	138	140	143	146	149
45	145	145	145	144	142	140	137	133	130	127	124	123	122	122	124	126	129	132	136
50	131	131	130	130	128	126	122	118	114	112	108	107	107	107	109	111	114	118	122
55	116	116	115	114	112	110	106	102	98.0	95.1	91.5	90.3	90.0	90.4	92.5	94.6	98.4	102	107
60	99.5	99.8	98.6	97.9	95.8	93.4	89.5	85.1	81.0	78.0	74.4	73.3	73.0	73.2	75.5	77.8	81.7	85.2	90.1
65	82.7	82.9	81.5	80.6	78.5	76.0	72.1	67.7	63.6	60.4	57.1	55.8	55.6	56.1	58.1	60.6	64.4	68.2	73.0
70	65.5	65.3	64.0	62.8	60.8	58.3	54.5	50.1	46.3	43.3	40.2	39.0	38.9	39.5	41.4	43.8	47.4	50.9	55.5
75	48.6	48.4	47.0	45.7	43.6	41.2	37.5	33.6	29.9	27.4	24.7	23.8	23.8	24.2	26.0	28.0	31.3	34.5	38.6
80	32.2	32.2	30.6	29.5	27.3	25.3	21.9	18.8	15.8	14.0	11.9	11.4	11.3	11.6	12.9	14.4	17.1	19.5	23.0
85	18.1	18.2	16.8	15.8	13.9	12.3	9.71	7.56	5.53	4.58	3.62	3.49	3.64	3.58	4.14	4.83	6.38	7.95	10.1
90	7.75	7.80	6.67	5.92	4.77	3.71	1.61	1.55	0.95	0.81	0.74	0.74	0.74	0.79	0.85	0.96	1.21	1.54	1.66
95	2.50	2.58	2.01	1.79	1.64	1.36	0.79	0.79	0.67	0.64	0.60	0.60	0.60	0.63	0.63	0.66	0.65	0.70	0.74
100	1.04	1.18	0.98	1.04	1.19	0.81	0.73	0.72	0.70	0.71	0.70	0.70	0.72	0.73	0.73	0.72	0.73	0.73	0.74
105	0.77	0.89	0.82	0.88	0.98	0.77	0.78	0.80	0.81	0.83	0.82	0.82	0.85	0.85	0.85	0.84	0.85	0.84	0.83
110	0.75	0.84	0.79	0.85	0.83	0.88	0.90	0.93	0.93	0.95	0.94	0.94	0.97	0.97	0.97	0.97	0.98	0.96	0.96
115	0.84	0.88	0.87	0.91	0.94	0.99	1.02	1.06	1.06	1.07	1.06	1.07	1.09	1.10	1.10	1.10	1.11	1.09	1.10
120	0.97	0.99	1.00	1.03	1.06	1.11	1.14	1.19	1.18	1.20	1.19	1.19	1.23	1.24	1.24	1.24	1.25	1.23	1.25
125	1.11	1.12	1.13	1.17	1.19	1.24	1.26	1.32	1.32	1.33	1.32	1.33	1.38	1.39	1.40	1.39	1.40	1.38	2.35
130	1.26	1.27	1.28	1.31	1.34	1.39	1.38	1.46	1.47	1.48	1.47	1.48	1.53	1.54	1.55	1.54	1.55	1.53	1.51
135	1.44	1.44	1.44	1.47	1.51	1.55	1.50	1.63	1.63	1.64	1.63	1.64	1.63	1.63	1.64	1.64	1.64	1.62	1.61
140	1.58	1.60	1.59	1.62	1.64	1.70	1.62	1.77	1.77	1.78	1.77	1.78	1.70	1.71	1.72	1.71	1.72	1.70	1.69
145	1.68	1.70	1.70	1.73	1.74	1.79	1.73	1.87	1.87	1.88	1.86	1.87	1.79	1.80	1.80	1.79	1.81	1.79	1.83
150	1.76	1.79	1.78	1.80	1.82	1.87	1.84	1.93	1.93	1.94	1.92	1.93	1.88	1.89	1.90	1.89	1.90	1.88	1.89
155	1.85	1.87	1.86	1.88	1.90	1.94	1.94	2.00	1.99	2.00	1.98	1.99	1.98	1.98	1.99	1.98	1.99	1.98	1.98
160	1.95	1.96	1.96	1.97	1.99	2.02	2.03	2.08	2.07	2.08	2.06	2.06	2.08	2.06	2.07	2.06	2.08	2.06	2.06
165	2.06	2.06	2.06	2.07	2.08	2.11	2.12	2.15	2.14	2.15	2.13	2.14	2.17	2.14	2.15	2.14	2.15	2.14	2.14
170	2.16	2.16	2.15	2.16	2.16	2.18	2.19	2.22	2.21	2.22	2.20	2.21	2.23	2.21	2.22	2.20	2.22	2.20	2.21
175	2.24	2.24	2.22	2.23	2.24	2.25	2.26	2.28	2.26	2.27	2.25	2.27	2.29	2.26	2.27	2.25	2.27	2.25	2.26
180	2.29	2.29	2.27	2.28	2.27	2.28	2.28	2.29	2.29	2.29	2.27	2.28	2.30	2.28	2.28	2.27	2.28	2.28	2.28

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:0.8057A P:19.331W PF:0.9999 Freq:0Hz Lamp Flux:584.308x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:20g
SPEC.:3535 120LED	DIM.: 1000*10*1mm	SERIAL No.:20200824001
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	200	200	201	201	201														
5	199	200	201	201	202														
10	197	198	200	200	201														
15	194	195	197	197	198														
20	188	190	192	192	193														
25	182	184	185	186	187														
30	173	176	177	178	179														
35	164	166	168	168	169														
40	152	155	156	157	158														
45	140	142	144	145	145														
50	125	129	130	131	131														
55	110	113	114	116	116														
60	93.8	97.2	98.1	99.7	99.9														
65	76.7	80.0	81.1	82.8	83.1														
70	59.2	62.2	63.8	65.5	65.9														
75	41.9	45.0	46.7	48.4	48.9														
80	25.4	28.3	30.3	32.2	32.5														
85	11.6	14.6	16.1	17.9	18.3														
90	3.05	4.61	5.57	7.06	7.49														
95	0.93	1.16	1.47	2.03	1.91														
100	0.70	0.78	0.77	0.81	0.95														
105	0.78	0.76	0.73	0.70	0.73														
110	0.90	0.87	0.82	0.80	0.77														
115	1.03	0.99	0.95	0.92	0.89														
120	1.16	1.12	1.08	1.05	1.03														
125	1.31	1.27	1.23	1.20	1.18														
130	1.46	1.42	1.38	1.36	1.33														
135	1.55	1.52	1.48	1.46	1.44														
140	1.63	1.60	1.56	1.54	1.53														
145	1.73	1.69	1.66	1.65	1.64														
150	1.83	1.80	1.77	1.76	1.75														
155	1.93	1.91	1.88	1.88	1.86														
160	2.02	2.01	1.98	1.98	1.97														
165	2.11	2.10	2.08	2.08	2.07														
170	2.19	2.18	2.17	2.17	2.16														
175	2.25	2.25	2.24	2.24	2.24														
180	2.28	2.29	2.28	2.28	2.29														

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: