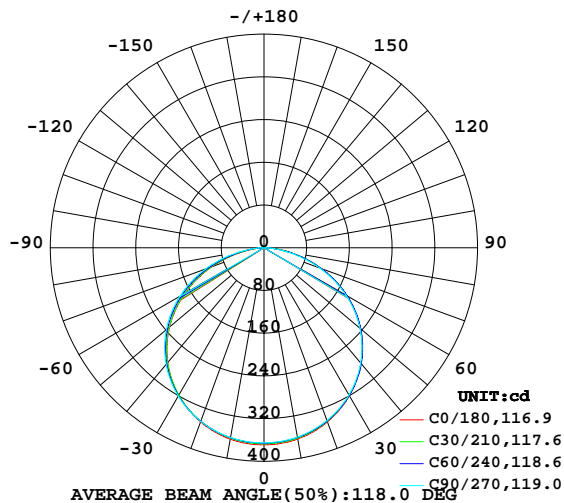


LUMINAIRE PHOTOMETRIC TEST REPORT

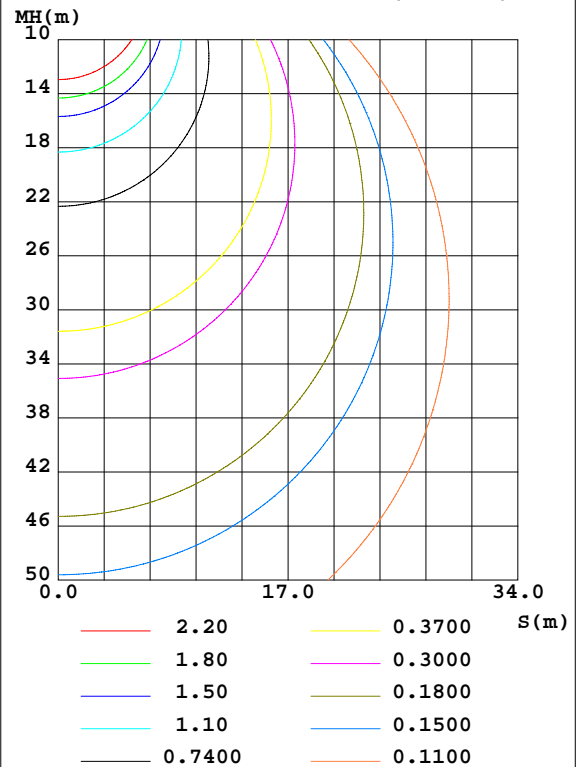
Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.85 lm/W			
MODEL	120B-24(WCP)-HR-DT	Imax(cd)	369.1	S/MH(C0/180)	1.29
NOMINAL POWER(W)	12.93	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	1123.1	η UP,DN(C0-180)	0.7,49.1
NOMINAL FLUX(lm)	1123.07	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,49.6
LAMPS INSIDE	1	η up(%)	1.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	98.7	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:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

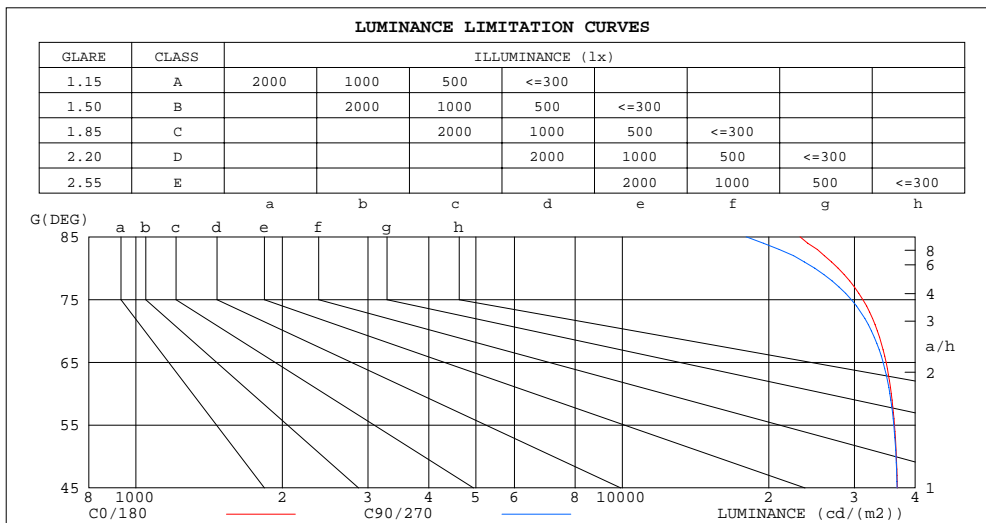
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	363.7	361.9	360.0	362.0	363.9	361.8	360.9	363.0	0- 10	34.79	34.79	3.1,3.1
20	347.1	346.2	344.4	345.5	347.1	345.8	346.1	347.6	10- 20	100.3	135.1	12,12
30	320.0	320.0	318.3	318.1	319.3	319.0	320.8	321.4	20- 30	154.0	289.2	25.7,25.7
40	282.5	283.4	281.8	279.8	280.4	281.3	285.1	284.8	30- 40	189.1	478.3	42.6,42.6
50	235.2	236.8	234.7	231.0	230.8	232.9	238.8	238.5	40- 50	200.4	678.7	60.4,60.4
60	178.6	180.2	177.4	171.9	171.1	174.1	182.0	182.5	50- 60	185.0	863.7	76.9,76.9
70	114.4	115.4	111.2	103.7	103.3	106.7	116.3	117.6	60- 70	143.2	1007	89.7,89.7
80	48.24	48.18	43.18	35.99	35.98	38.89	47.77	50.36	70- 80	81.02	1088	96.9,96.9
90	2.936	3.227	1.894	1.463	1.174	1.434	2.257	3.494	80- 90	20.27	1108	98.7,98.7
100	1.152	1.255	1.334	1.290	1.248	1.278	1.336	1.212	90-100	1.470	1110	98.8,98.8
110	1.580	1.669	1.809	1.738	1.693	1.753	1.799	1.662	100-110	1.558	1111	98.9,98.9
120	2.055	2.138	2.292	2.218	2.164	2.229	2.280	2.135	110-120	1.932	1113	99.1,99.1
130	2.541	2.621	2.775	2.708	2.639	2.710	2.753	2.608	120-130	2.171	1115	99.3,99.3
140	3.038	3.118	3.247	3.188	3.113	3.183	3.225	3.094	130-140	2.249	1118	99.5,99.5
150	3.509	3.572	3.673	3.623	3.565	3.615	3.653	3.551	140-150	2.116	1120	99.7,99.7
160	3.955	3.973	4.034	4.000	3.988	3.992	4.026	3.946	150-160	1.752	1121	99.9,99.9
170	4.321	4.291	4.324	4.309	4.332	4.302	4.322	4.271	160-170	1.173	1123	100,100
180	4.516	4.467	4.482	4.470	4.515	4.468	4.484	4.466	170-180	0.4179	1123	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:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.706m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	23184	17974
80	27780	24867
75	31220	29564
70	33448	32523
65	34852	34374
60	35727	35479
55	36265	36147
50	36592	36520
45	36773	36701

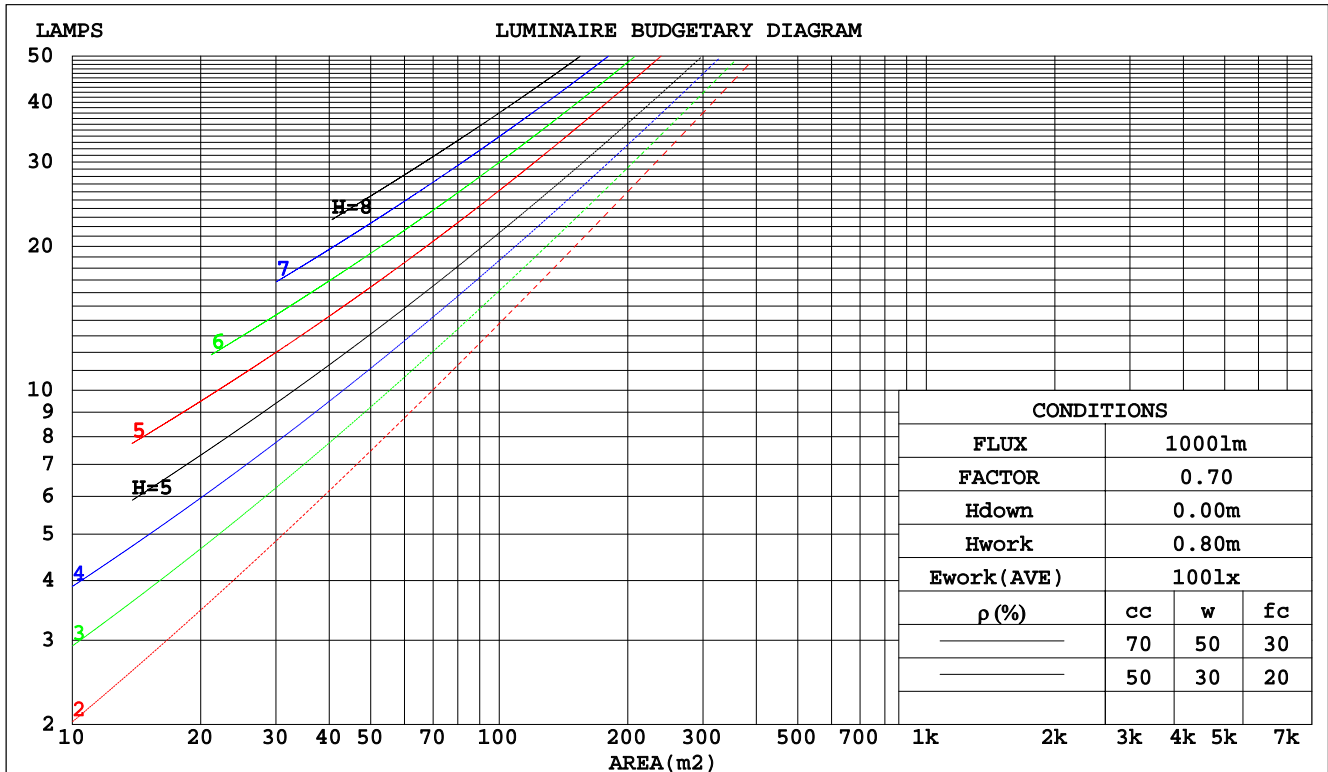
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
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	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.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	.61	.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:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.706m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.313	.178	.056	.305	.174	.055	.291	.167	.053	.278	.161	.052	.266	.154	.050		
2.0	.295	.162	.050	.288	.159	.049	.276	.153	.048	.264	.148	.046	.254	.143	.045		
3.0	.273	.145	.043	.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	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.191	.166	.144	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.108	.157	.122	.093	.107	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.125	.084	.150	.107	.073	.103	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.111	.068	.144	.096	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.057	.138	.087	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.049	.132	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
7.0	.146	.086	.043	.126	.074	.038	.087	.052	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.120	.069	.034	.083	.049	.024	.048	.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	.110	.062	.029	.077	.043	.020	.045	.026	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g		
SPEC.:2835 120LED					DIM.: 1000*10*1MM			SERIAL No.:20180825003		
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	25.0	26.5	25.3	26.8	27.0	25.0	26.5	25.3	26.8	27.0
3H	26.6	28.0	27.0	28.3	28.6	26.6	28.0	26.9	28.3	28.5
4H	27.3	28.6	27.6	28.9	29.2	27.2	28.5	27.5	28.8	29.1
6H	27.7	29.0	28.1	29.3	29.6	27.6	28.9	28.0	29.2	29.5
8H	27.9	29.1	28.2	29.4	29.7	27.7	28.9	28.1	29.2	29.5
12H	27.9	29.1	28.3	29.4	29.8	27.7	28.9	28.1	29.2	29.6
4H 2H	25.7	27.0	26.0	27.3	27.6	25.7	27.0	26.0	27.3	27.6
3H	27.5	28.6	27.8	28.9	29.3	27.4	28.6	27.8	28.9	29.3
4H	28.2	29.3	28.6	29.6	30.0	28.2	29.2	28.6	29.6	29.9
6H	28.8	29.8	29.2	30.1	30.5	28.7	29.6	29.1	30.0	30.4
8H	29.0	29.9	29.4	30.3	30.7	28.8	29.7	29.3	30.1	30.5
12H	29.1	29.9	29.6	30.3	30.8	28.9	29.7	29.4	30.1	30.6
8H 4H	28.5	29.4	28.9	29.8	30.2	28.4	29.3	28.9	29.7	30.1
6H	29.2	30.0	29.7	30.4	30.8	29.1	29.8	29.6	30.3	30.7
8H	29.5	30.2	30.0	30.6	31.1	29.3	30.0	29.8	30.4	30.9
12H	29.7	30.3	30.2	30.7	31.2	29.5	30.0	30.0	30.5	31.0
12H 4H	28.5	29.3	29.0	29.7	30.2	28.5	29.3	28.9	29.7	30.1
6H	29.3	29.9	29.8	30.4	30.9	29.2	29.8	29.6	30.3	30.7
8H	29.6	30.2	30.1	30.6	31.1	29.4	30.0	29.9	30.5	31.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 1123 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.4$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

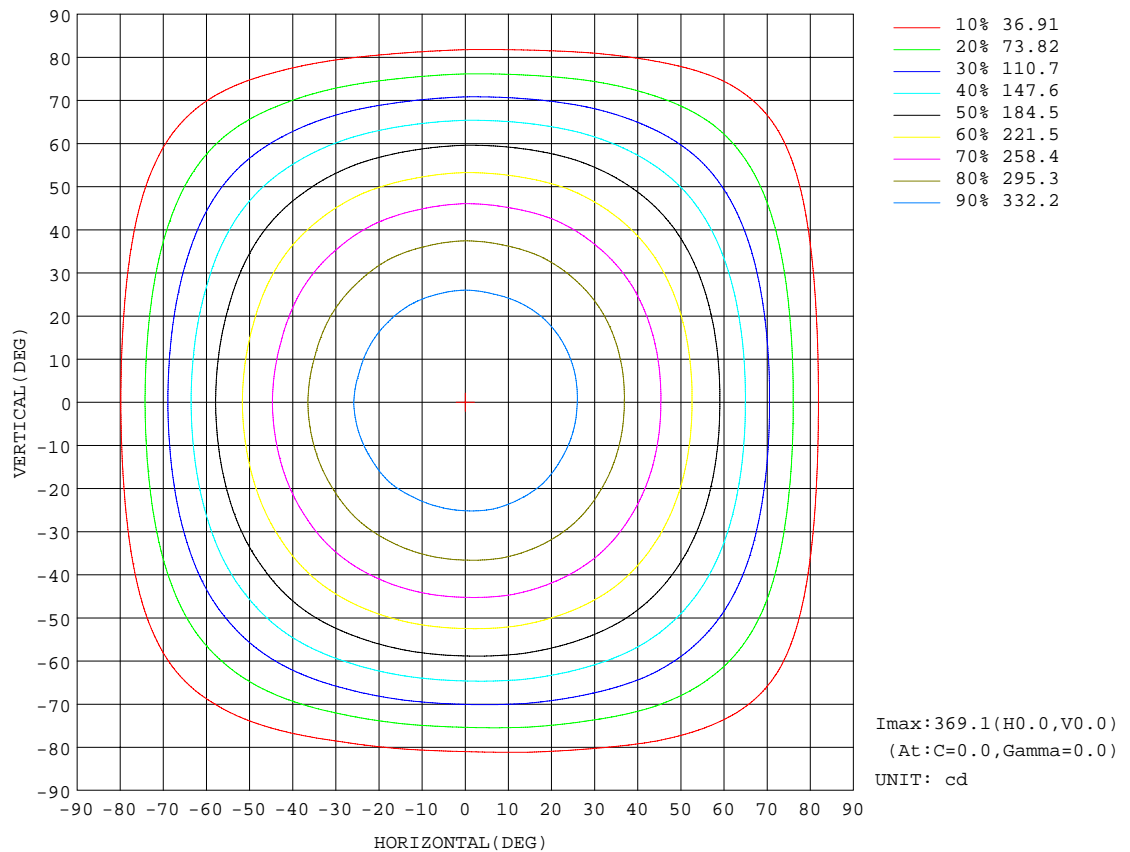
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	37	55	44	37	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	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	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	81
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										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



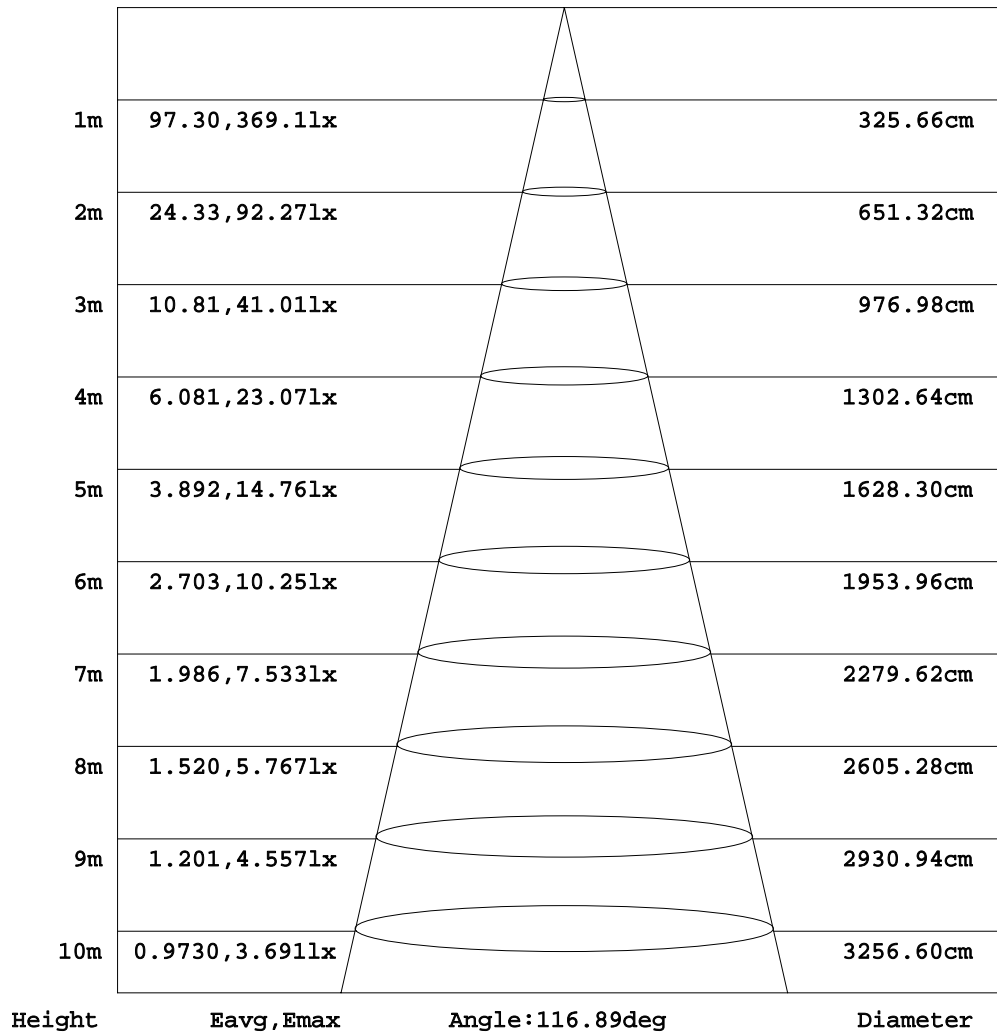
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:846.7 lm



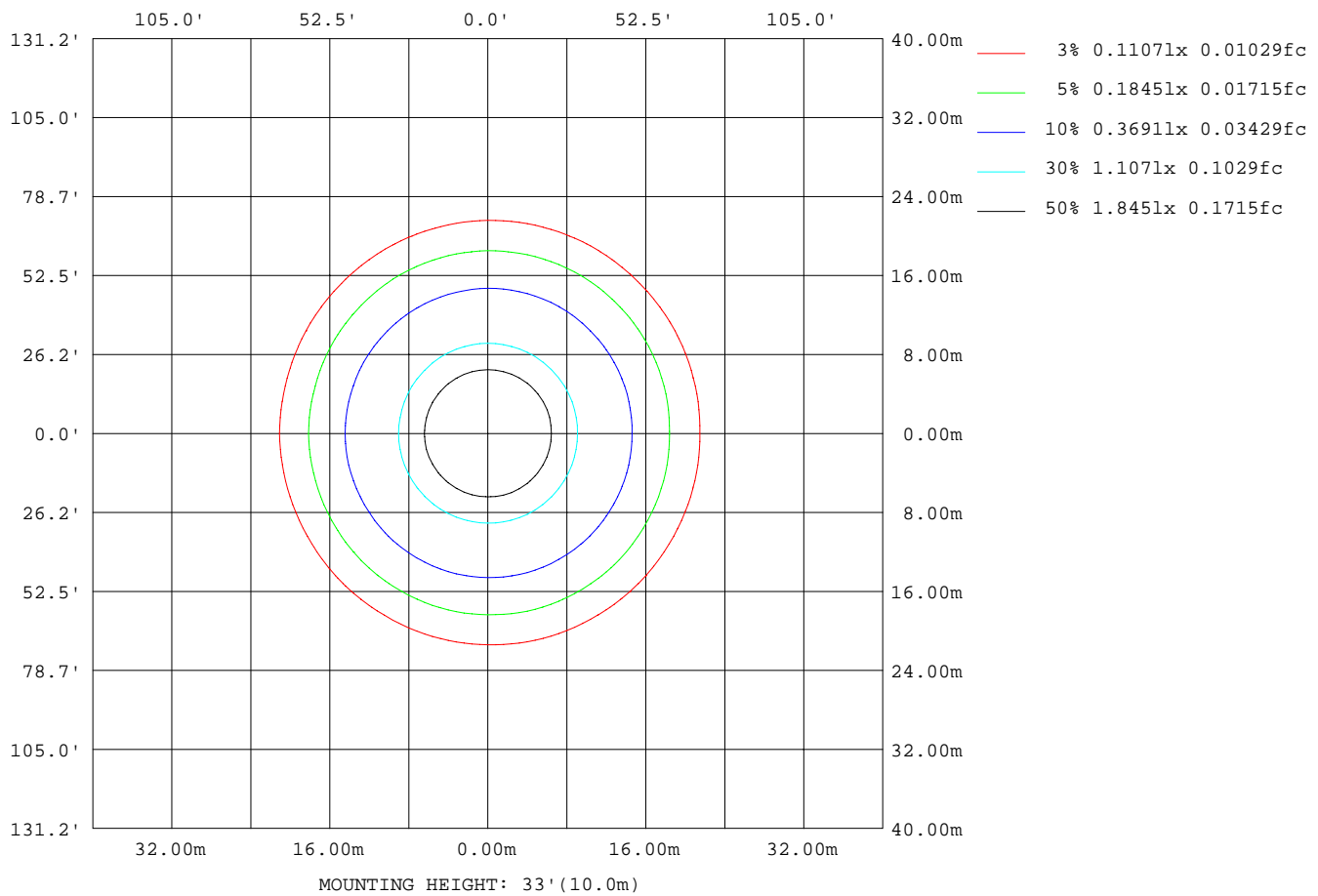
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 4.706m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
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:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

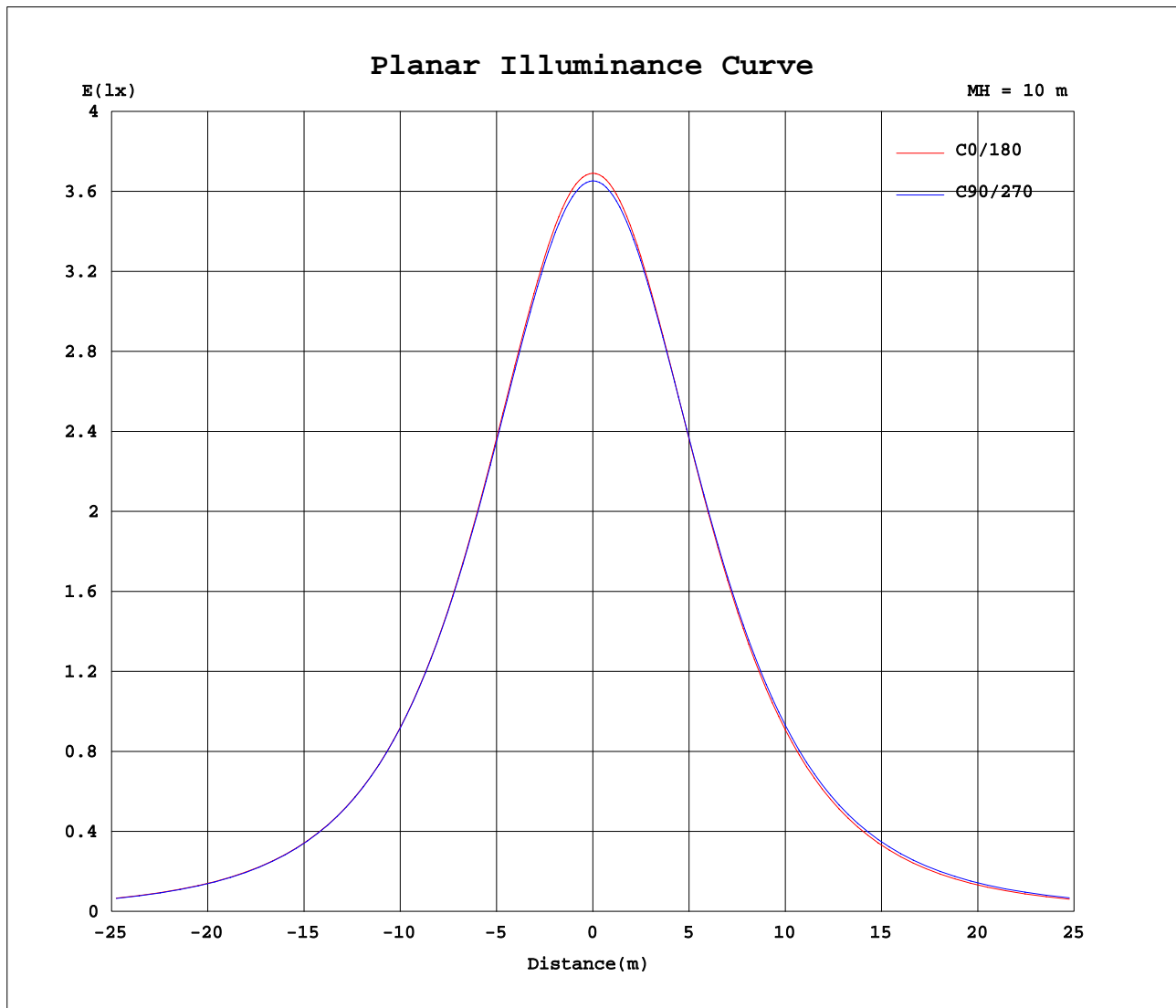
AvgL	cd/m2
L_0~180(65)av	33745
L_0~180(75)av	28853
L_0~180(85)av	17877
L_90~270(65)av	34934
L_90~270(75)av	30554
L_90~270(85)av	19961
L_45(65)av	34293
L_45(75)av	29529
L_45(85)av	18721

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.706m [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: 2018-08-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.706m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
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	369	368	367	367	366	366	365	365	366	367	368	369	369	368	367	367	366	366	365
5	368	367	366	366	365	364	364	364	365	366	366	367	368	367	366	366	365	365	364
10	364	363	362	362	361	361	360	360	360	362	362	363	364	363	362	362	361	361	361
15	357	356	355	355	354	354	354	353	354	355	355	356	357	356	355	355	355	355	355
20	347	347	346	346	345	345	344	344	344	345	345	346	347	346	346	346	346	346	346
25	335	334	334	334	334	334	333	332	332	333	333	334	335	334	334	334	334	334	335
30	320	320	319	320	320	319	318	318	317	318	318	319	319	318	319	319	320	320	321
35	303	302	302	303	303	303	301	301	300	300	300	300	301	300	301	302	303	303	304
40	283	283	283	283	284	283	282	281	280	280	279	280	280	279	281	281	283	284	285
45	260	260	260	261	261	261	260	259	257	257	255	256	257	256	258	258	261	262	263
50	235	236	236	237	237	237	235	234	232	231	229	230	231	230	232	233	236	237	239
55	208	209	209	210	210	209	207	206	204	203	201	201	202	201	203	205	208	209	212
60	179	179	179	180	180	180	177	176	173	172	170	170	171	171	173	174	177	179	182
65	147	148	148	149	148	148	145	143	140	139	136	137	138	138	140	141	145	147	150
70	114	115	115	115	114	114	111	109	106	104	102	102	103	103	105	107	110	113	116
75	80.8	81.8	81.0	81.5	79.9	79.6	76.5	74.4	70.7	68.7	66.7	66.9	68.6	68.3	70.4	71.8	75.4	78.0	81.6
80	48.2	49.0	48.2	48.2	46.6	45.9	43.2	41.2	37.6	36.0	34.3	34.5	36.0	35.9	37.5	38.9	41.9	44.5	47.8
85	20.2	20.9	20.1	20.0	18.5	18.0	15.7	14.8	12.0	11.0	9.81	10.0	11.0	10.9	12.1	12.9	15.0	16.7	19.1
90	2.94	3.28	3.11	3.23	2.72	2.54	1.89	2.04	1.64	1.46	1.28	1.17	1.17	1.22	1.34	1.43	1.70	2.05	2.26
95	1.15	1.17	1.24	1.28	1.27	1.28	1.37	1.33	1.26	1.25	1.19	1.14	1.14	1.14	1.17	1.18	1.20	1.32	1.36
100	1.15	1.17	1.22	1.26	1.26	1.31	1.33	1.33	1.29	1.29	1.25	1.23	1.25	1.25	1.26	1.28	1.31	1.33	1.34
105	1.35	1.36	1.40	1.43	1.48	1.52	1.56	1.55	1.53	1.50	1.46	1.45	1.46	1.46	1.49	1.51	1.54	1.55	1.55
110	1.58	1.59	1.62	1.67	1.71	1.77	1.81	1.80	1.77	1.74	1.70	1.68	1.69	1.70	1.73	1.75	1.78	1.79	1.80
115	1.82	1.83	1.86	1.91	1.95	2.01	2.05	2.04	2.01	1.98	1.94	1.91	1.93	1.94	1.97	1.99	2.02	2.04	2.04
120	2.06	2.07	2.09	2.14	2.19	2.25	2.29	2.28	2.25	2.22	2.18	2.15	2.16	2.17	2.20	2.23	2.26	2.27	2.28
125	2.29	2.30	2.34	2.38	2.42	2.48	2.53	2.52	2.49	2.46	2.42	2.39	2.40	2.41	2.44	2.47	2.50	2.51	2.51
130	2.54	2.55	2.59	2.62	2.67	2.73	2.77	2.77	2.74	2.71	2.66	2.63	2.64	2.65	2.68	2.71	2.74	2.75	2.75
135	2.79	2.81	2.84	2.87	2.92	2.97	3.02	3.01	2.99	2.95	2.91	2.87	2.88	2.89	2.92	2.95	2.98	2.99	2.99
140	3.04	3.07	3.08	3.12	3.15	3.20	3.25	3.25	3.22	3.19	3.15	3.11	3.11	3.13	3.16	3.18	3.21	3.23	3.22
145	3.28	3.32	3.32	3.35	3.38	3.43	3.46	3.47	3.44	3.41	3.37	3.34	3.34	3.35	3.38	3.40	3.43	3.45	3.45
150	3.51	3.56	3.55	3.57	3.59	3.64	3.67	3.68	3.65	3.62	3.58	3.56	3.56	3.56	3.59	3.61	3.64	3.66	3.65
155	3.74	3.78	3.77	3.78	3.80	3.84	3.86	3.87	3.84	3.82	3.78	3.76	3.78	3.76	3.79	3.81	3.83	3.85	3.85
160	3.96	3.97	3.96	3.97	3.99	4.02	4.03	4.04	4.02	4.00	3.97	3.95	3.99	3.95	3.98	3.99	4.02	4.03	4.03
165	4.16	4.15	4.14	4.14	4.15	4.18	4.19	4.20	4.18	4.17	4.14	4.13	4.18	4.13	4.15	4.16	4.18	4.18	4.19
170	4.32	4.31	4.29	4.29	4.30	4.32	4.32	4.33	4.31	4.31	4.29	4.29	4.33	4.29	4.30	4.30	4.32	4.32	4.32
175	4.44	4.43	4.40	4.41	4.41	4.43	4.42	4.43	4.42	4.42	4.40	4.41	4.45	4.41	4.41	4.41	4.43	4.42	4.43
180	4.52	4.48	4.47	4.47	4.47	4.48	4.48	4.48	4.47	4.47	4.46	4.47	4.51	4.48	4.47	4.47	4.47	4.48	4.48

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.5386A P:12.93W PF:1.000 Freq:0Hz Lamp Flux:1123.07x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*10*1MM	SERIAL No.:20180825003
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	365	366	367	368	369														
5	364	365	366	367	368														
10	361	362	363	363	364														
15	354	355	357	357	357														
20	346	347	348	348	348														
25	334	335	336	336	336														
30	321	321	321	321	321														
35	304	305	304	304	304														
40	285	286	285	285	284														
45	263	264	263	263	262														
50	239	240	238	238	237														
55	212	213	212	211	210														
60	183	184	182	182	181														
65	151	152	151	151	149														
70	117	118	118	118	116														
75	82.8	84.1	83.6	84.1	82.7														
80	49.0	50.2	50.4	50.9	50.0														
85	20.0	21.3	21.3	22.1	21.4														
90	2.71	3.34	3.49	3.85	3.48														
95	1.26	1.18	1.22	1.21	1.21														
100	1.29	1.26	1.21	1.19	1.19														
105	1.50	1.47	1.43	1.40	1.38														
110	1.75	1.71	1.66	1.63	1.62														
115	1.99	1.94	1.90	1.87	1.86														
120	2.23	2.18	2.13	2.11	2.09														
125	2.46	2.41	2.37	2.35	2.32														
130	2.70	2.65	2.61	2.59	2.57														
135	2.94	2.89	2.85	2.83	2.82														
140	3.17	3.13	3.09	3.08	3.08														
145	3.40	3.36	3.33	3.31	3.32														
150	3.61	3.58	3.55	3.54	3.55														
155	3.81	3.78	3.76	3.76	3.76														
160	4.00	3.97	3.95	3.95	3.95														
165	4.16	4.15	4.12	4.13	4.13														
170	4.30	4.30	4.27	4.28	4.29														
175	4.41	4.41	4.39	4.39	4.40														
180	4.48	4.48	4.47	4.46	4.47														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.706m [K=1.0000]
Remarks: