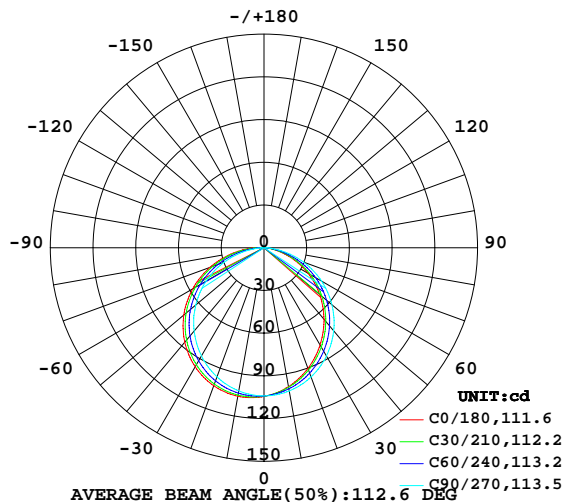


LUMINAIRE PHOTOMETRIC TEST REPORT

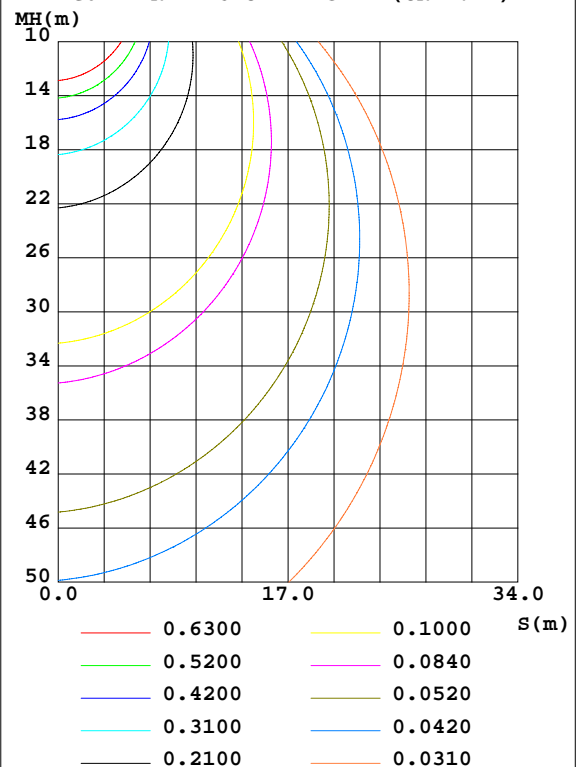
Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 30.25 lm/W			
MODEL:DC24(WCP)-HR-SE-V-040-TT2		Imax(cd)	105.9	S/MH(C0/180)	1.37
NOMINAL POWER(W)	9.96	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	309.15	η UP,DN(C0-180)	1.0,48.2
NOMINAL FLUX(lm)	309.154	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.8
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 24	η down(%)	98.0	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:2019-09-20

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:

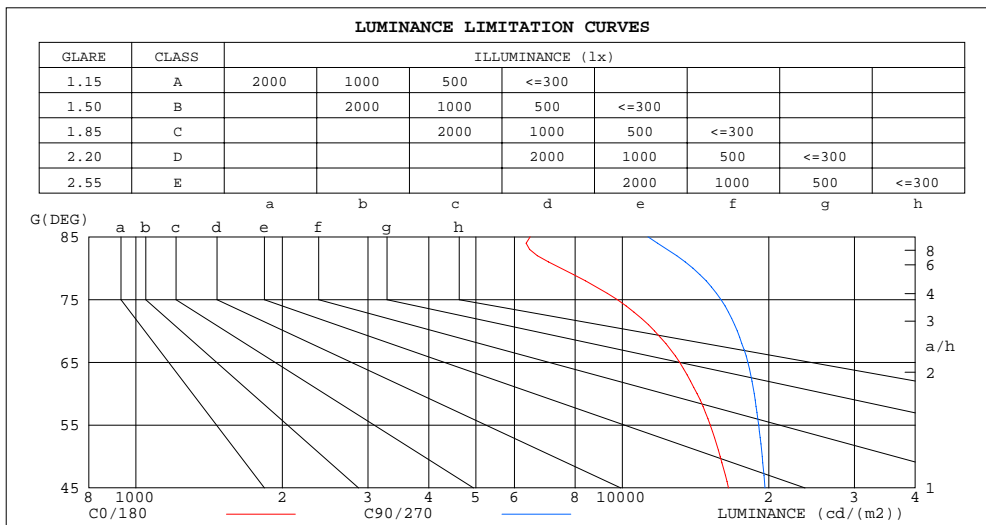
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	99.08	100.1	102.1	104.8	105.9	104.4	102.1	100.3	0- 10	9.860	9.860	3.19,3.19
20	90.26	92.55	96.60	101.2	103.2	100.7	96.55	92.59	10- 20	28.20	38.06	12.3,12.3
30	78.83	82.10	87.76	93.81	96.59	93.36	87.80	82.07	20- 30	42.68	80.74	26.1,26.1
40	65.60	69.46	76.15	83.14	86.55	82.75	76.35	69.46	30- 40	51.49	132.2	42.8,42.8
50	51.08	55.03	62.31	69.82	73.52	69.42	62.54	55.33	40- 50	53.64	185.9	60.1,60.1
60	35.62	39.51	46.67	53.98	57.83	53.81	46.95	39.93	50- 60	48.96	234.8	76,76
70	19.92	23.20	29.47	36.41	40.36	36.39	29.78	23.41	60- 70	38.03	272.9	88.3,88.3
80	6.489	8.161	12.13	18.21	22.00	18.14	12.25	8.298	70- 80	22.54	295.4	95.6,95.6
90	1.529	1.316	1.028	3.743	6.323	3.696	0.6913	1.718	80- 90	7.581	303.0	98,98
100	1.147	0.9557	0.3816	1.001	1.189	0.8935	0.3828	1.314	90-100	1.490	304.5	98.5,98.5
110	1.049	0.9580	0.4838	1.013	1.076	0.9023	0.5064	0.8379	100-110	0.9339	305.4	98.8,98.8
120	1.010	0.8990	0.6185	0.8401	1.047	0.6852	0.6410	0.7055	110-120	0.8276	306.2	99.1,99.1
130	0.9046	0.8979	0.7531	0.8901	0.8290	0.7643	0.7745	0.7998	120-130	0.7218	307.0	99.3,99.3
140	0.9779	0.9292	0.8844	0.9190	0.8868	0.8555	0.9047	0.9256	130-140	0.6680	307.6	99.5,99.5
150	1.041	1.044	1.008	0.9769	0.9670	0.9613	1.022	1.038	140-150	0.5995	308.2	99.7,99.7
160	1.144	1.138	1.108	1.072	1.064	1.062	1.125	1.131	150-160	0.4879	308.7	99.9,99.9
170	1.220	1.211	1.189	1.177	1.172	1.170	1.204	1.204	160-170	0.3245	309.0	100,100
180	1.244	1.235	1.243	1.243	1.243	1.234	1.244	1.236	170-180	0.1158	309.2	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:2019-09-20

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

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6466	11287
80	7474	13971
75	9764	15946
70	11649	17230
65	13112	18120
60	14247	18667
55	15160	19072
50	15893	19388
45	16532	19647

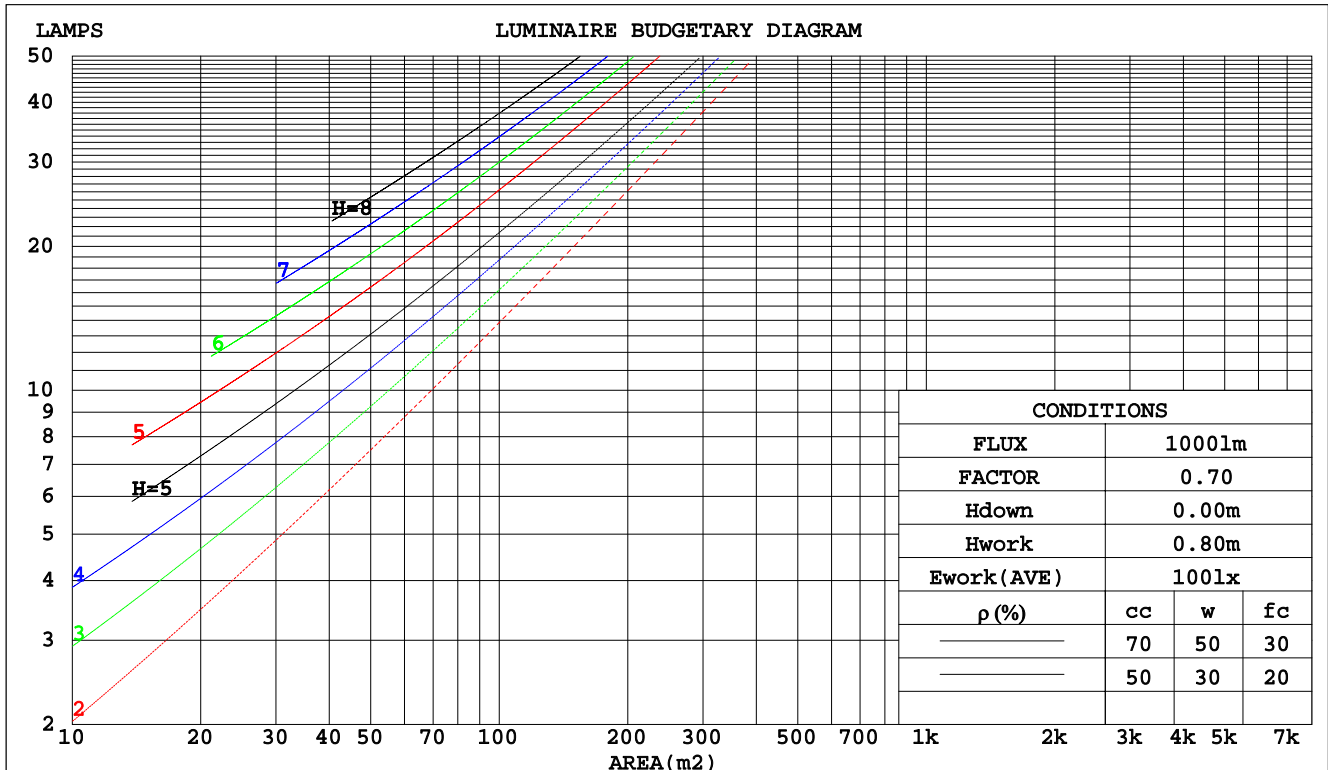
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	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															



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	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	.318	.181	.057	.310	.177	.056	.296	.170	.054	.282	.163	.052	.270	.157	.051			
2.0	.296	.162	.050	.290	.159	.049	.277	.154	.048	.265	.149	.047	.254	.144	.045			
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.245	.134	.041	.235	.130	.040			
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.226	.122	.037	.218	.118	.036			
5.0	.232	.118	.034	.227	.117	.034	.218	.114	.033	.210	.111	.033	.202	.108	.032			
6.0	.215	.108	.031	.210	.106	.031	.202	.104	.030	.195	.101	.030	.188	.099	.029			
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.027	.182	.093	.027	.175	.091	.027			
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025			
9.0	.174	.084	.024	.171	.084	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023			
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.151	.075	.021	.146	.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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022		
1.0	.196	.171	.149	.168	.147	.128	.115	.101	.089	.066	.059	.052	.021	.019	.017		
2.0	.188	.147	.113	.161	.127	.098	.111	.088	.068	.064	.051	.040	.020	.017	.013		
3.0	.181	.130	.089	.155	.112	.077	.106	.078	.054	.061	.045	.032	.020	.015	.010		
4.0	.173	.117	.074	.148	.101	.064	.102	.070	.045	.059	.041	.027	.019	.013	.009		
5.0	.165	.106	.063	.142	.092	.054	.098	.064	.038	.057	.038	.023	.018	.012	.008		
6.0	.158	.098	.055	.136	.085	.048	.094	.059	.034	.054	.035	.020	.018	.011	.007		
7.0	.151	.091	.049	.130	.079	.043	.090	.055	.030	.052	.033	.018	.017	.011	.006		
8.0	.145	.085	.044	.125	.074	.039	.086	.052	.027	.050	.031	.016	.016	.010	.005		
9.0	.139	.080	.041	.120	.070	.036	.083	.049	.025	.048	.029	.015	.016	.010	.005		
10.0	.133	.076	.038	.115	.066	.033	.080	.047	.024	.046	.027	.014	.015	.009	.005		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g		
SPEC.:2835 140LED					DIM.: 1000*9*5MM			SERIAL No.:20190920001		
MFR.: EVERFINE					SUR.:1000*5mm			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	25.6	27.1	25.9	27.4	27.6	26.7	28.2	27.0	28.4	28.7
3H	26.9	28.2	27.2	28.5	28.8	28.3	29.7	28.6	29.9	30.2
4H	27.3	28.6	27.6	28.9	29.2	28.9	30.2	29.2	30.5	30.8
6H	27.5	28.7	27.8	29.0	29.3	29.3	30.6	29.7	30.9	31.2
8H	27.5	28.7	27.9	29.0	29.4	29.5	30.7	29.8	31.0	31.3
12H	27.5	28.7	27.9	29.0	29.4	29.5	30.7	29.9	31.0	31.4
4H 2H	26.3	27.6	26.6	27.9	28.2	27.1	28.4	27.5	28.7	29.0
3H	27.7	28.8	28.0	29.2	29.5	28.9	30.0	29.2	30.3	30.7
4H	28.2	29.2	28.6	29.6	30.0	29.6	30.7	30.0	31.0	31.4
6H	28.5	29.4	28.9	29.8	30.2	30.1	31.1	30.6	31.5	31.9
8H	28.5	29.4	29.0	29.8	30.2	30.3	31.2	30.8	31.6	32.0
12H	28.6	29.4	29.0	29.8	30.3	30.4	31.2	30.9	31.7	32.1
8H 4H	28.4	29.3	28.9	29.7	30.1	29.7	30.6	30.2	31.0	31.4
6H	28.8	29.6	29.3	30.0	30.5	30.4	31.1	30.8	31.5	32.0
8H	28.9	29.6	29.4	30.1	30.6	30.6	31.3	31.1	31.7	32.2
12H	29.0	29.6	29.6	30.1	30.6	30.8	31.3	31.3	31.8	32.3
12H 4H	28.4	29.2	28.9	29.7	30.1	29.7	30.5	30.2	30.9	31.4
6H	28.9	29.5	29.4	30.0	30.5	30.4	31.0	30.9	31.5	32.0
8H	29.0	29.6	29.5	30.1	30.6	30.6	31.2	31.1	31.7	32.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.1 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 309.2 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:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:

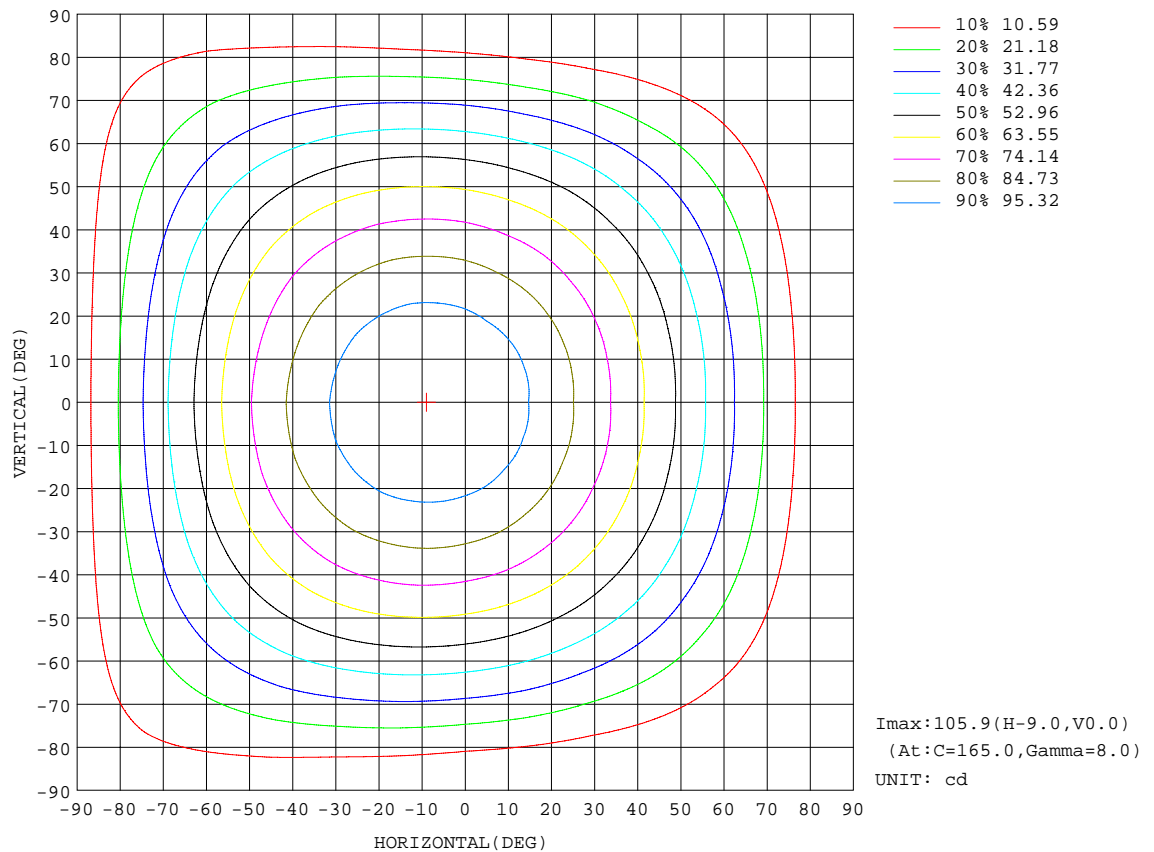
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	38	56	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	83	96	88	82	91	85	80	72
3.00	101	94	88	99	92	87	94	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	101	97	100	97	93	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:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:



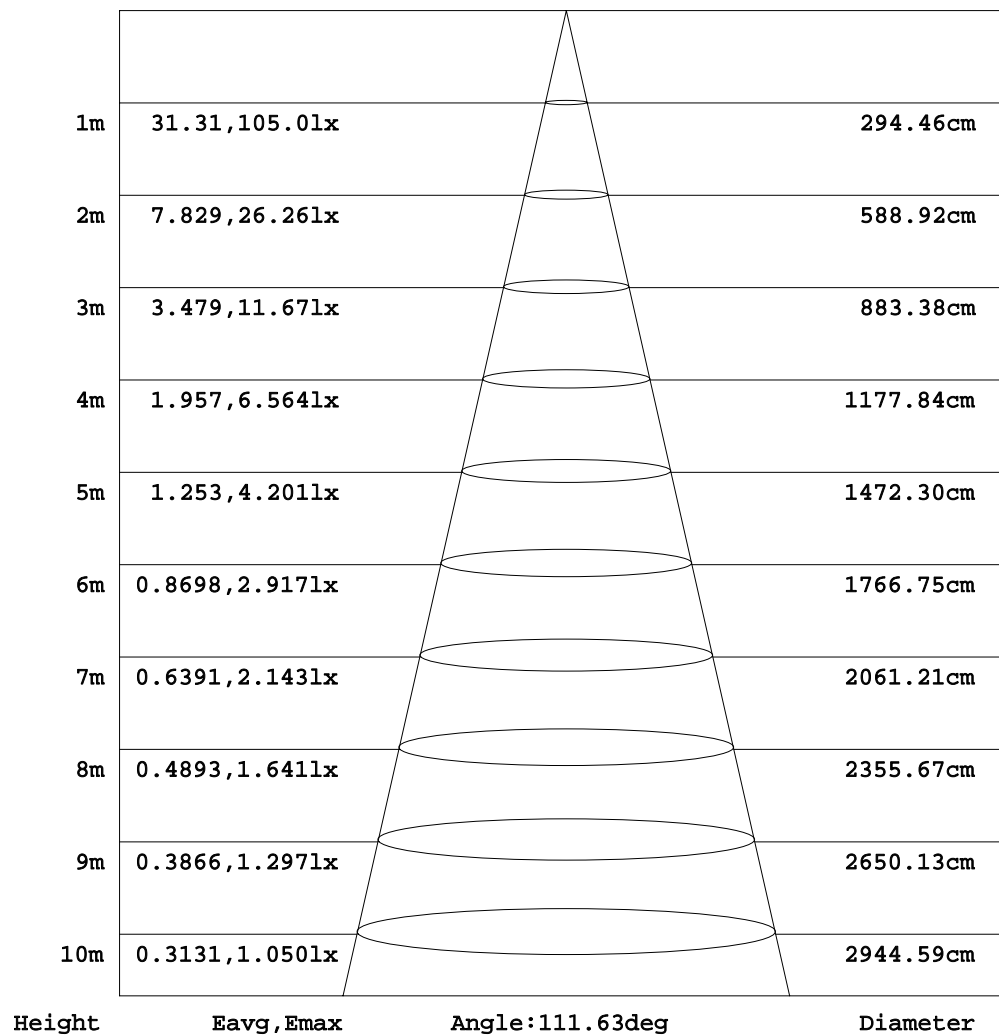
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:

Flux out:216.2 lm



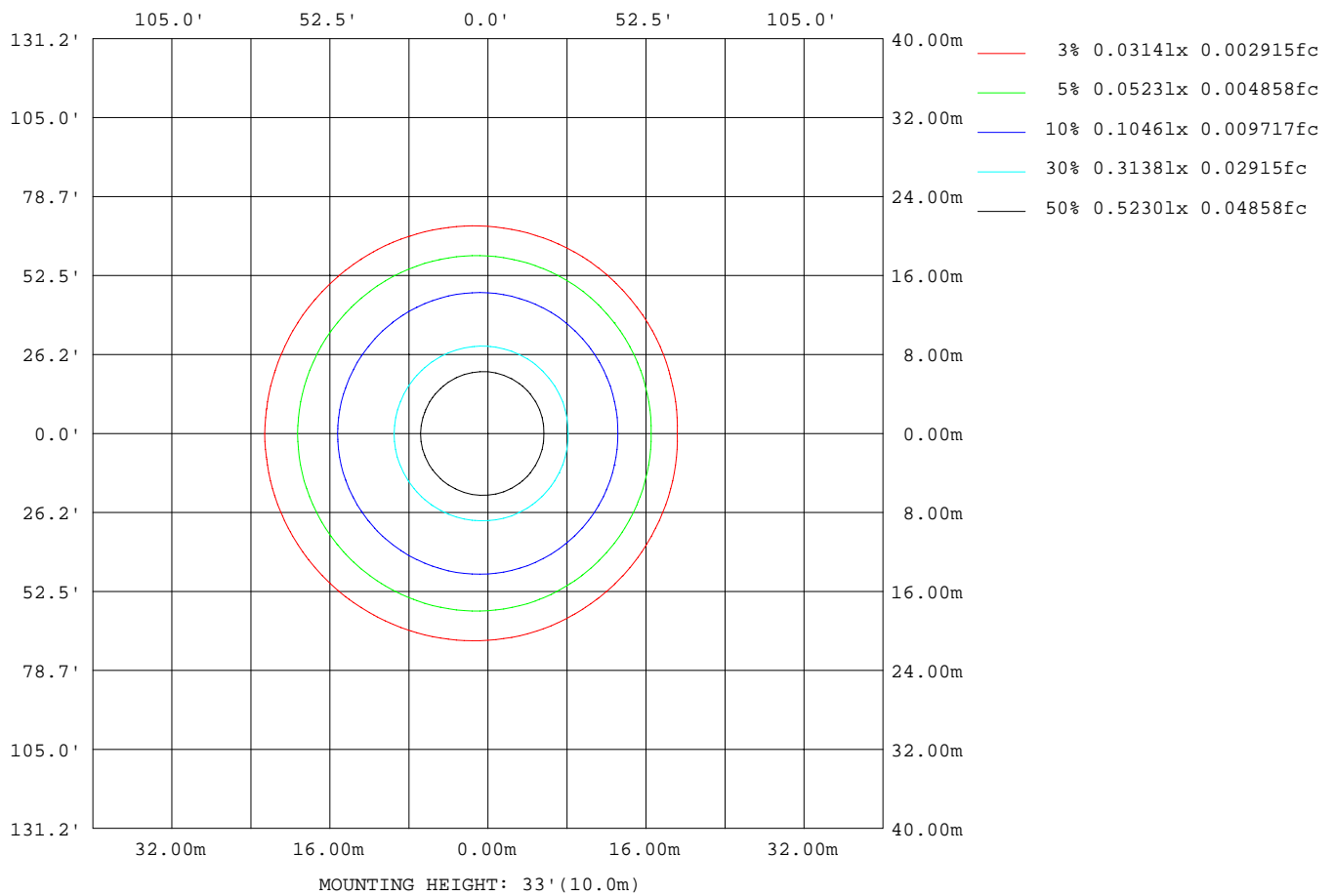
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:

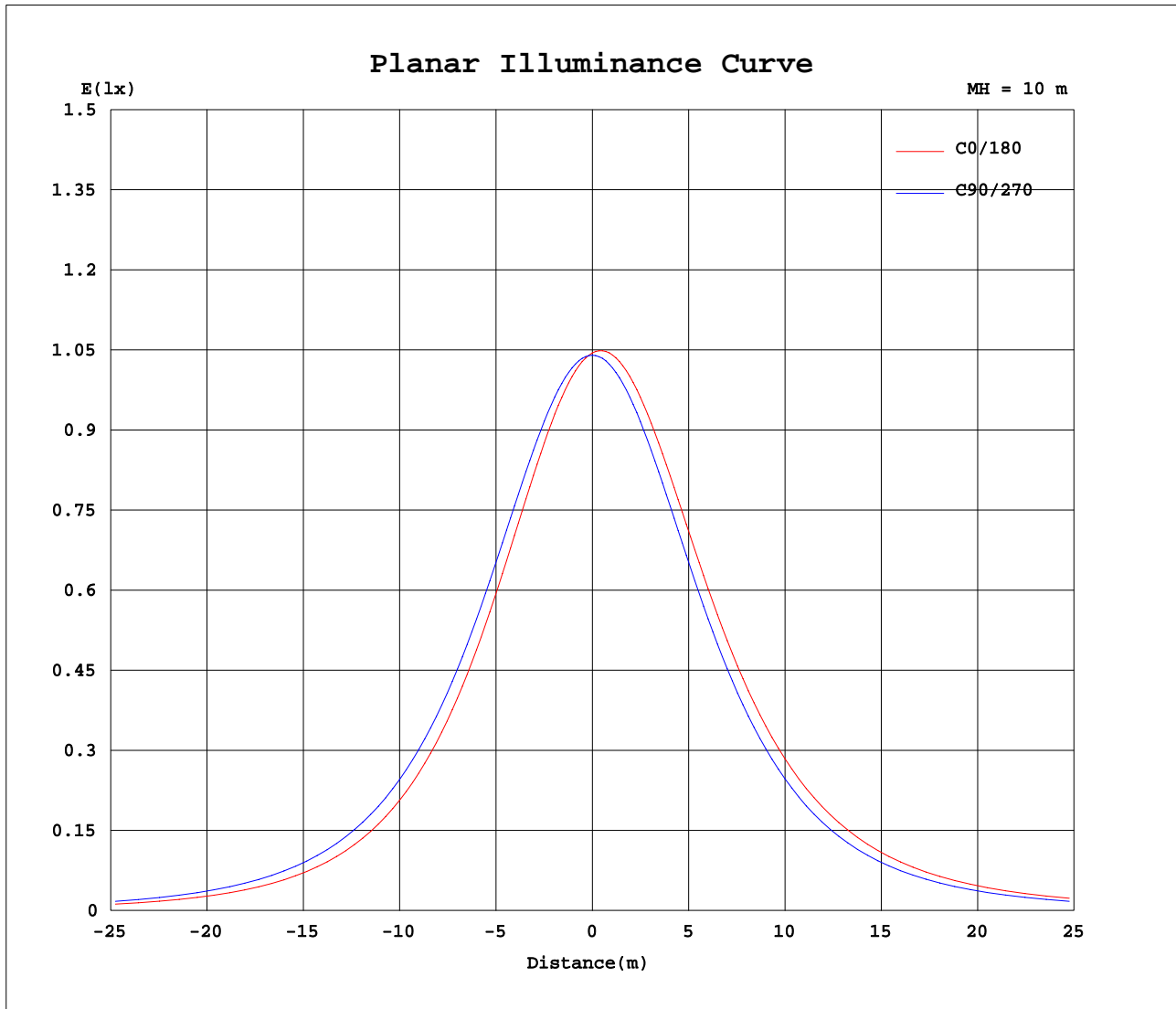
AvgL	cd/m2
L_0~180(65)av	18220
L_0~180(75)av	16937
L_0~180(85)av	18570
L_90~270(65)av	18176
L_90~270(75)av	16053
L_90~270(85)av	11208
L_45(65)av	18200
L_45(75)av	16332
L_45(85)av	15082

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-09-20

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: 2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	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	104	104	104	104	104	104	104	104	104	104	104	105	104	104	104	104	104	104	104
5	102	102	102	103	103	103	104	104	104	105	105	106	106	105	105	105	104	104	104
10	99.1	99.3	99.5	100	101	101	102	103	104	105	105	106	106	106	105	104	104	103	102
15	95.0	95.4	95.9	96.7	97.6	98.8	99.8	101	102	103	104	105	105	105	104	103	102	101	99.7
20	90.3	90.8	91.4	92.6	93.7	95.3	96.6	98.1	99.6	101	102	103	103	103	102	101	99.5	98.0	96.5
25	84.8	85.4	86.2	87.6	89.1	90.9	92.6	94.3	96.1	97.9	99.2	100	100	99.7	98.9	97.5	96.0	94.2	92.5
30	78.8	79.5	80.5	82.1	83.8	85.9	87.8	89.8	91.8	93.8	95.3	96.4	96.6	95.9	94.9	93.4	91.8	89.7	87.8
35	72.4	73.2	74.2	76.0	78.0	80.3	82.3	84.5	86.7	88.9	90.5	91.7	92.0	91.2	90.1	88.4	86.7	84.5	82.4
40	65.6	66.4	67.5	69.5	71.6	74.1	76.2	78.6	80.8	83.1	84.9	86.2	86.5	85.7	84.6	82.7	80.9	78.6	76.4
45	58.4	59.2	60.4	62.3	64.7	67.3	69.5	72.0	74.4	76.8	78.5	80.0	80.4	79.4	78.3	76.4	74.5	72.0	69.8
50	51.1	51.8	53.1	55.0	57.4	60.0	62.3	64.8	67.3	69.8	71.6	73.1	73.5	72.5	71.4	69.4	67.4	64.9	62.5
55	43.5	44.1	45.5	47.4	49.8	52.3	54.7	57.2	59.7	62.1	64.0	65.4	65.9	65.0	63.7	61.9	59.8	57.3	55.0
60	35.6	36.3	37.6	39.5	41.8	44.3	46.7	49.1	51.5	54.0	55.9	57.3	57.8	57.0	55.7	53.8	51.7	49.4	46.9
65	27.7	28.4	29.5	31.4	33.4	36.1	38.3	40.7	43.0	45.4	47.3	48.7	49.3	48.5	47.2	45.3	43.3	40.9	38.5
70	19.9	20.6	21.5	23.2	25.0	27.5	29.5	31.9	34.0	36.4	38.3	39.7	40.4	39.6	38.3	36.4	34.4	31.9	29.8
75	12.6	13.2	13.9	15.3	16.7	18.9	20.6	23.0	25.0	27.3	29.0	30.6	31.2	30.3	29.2	27.2	25.3	22.9	20.9
80	6.49	6.88	7.24	8.16	9.08	10.7	12.1	14.3	16.0	18.2	19.8	21.4	22.0	21.2	20.1	18.1	16.3	14.1	12.3
85	2.82	2.92	2.92	3.12	3.31	4.09	4.92	6.61	7.99	9.93	11.4	12.8	13.4	12.6	11.6	9.87	8.25	6.33	4.85
90	1.53	1.50	1.40	1.32	1.18	1.10	1.03	1.72	2.48	3.74	4.81	5.87	6.32	5.75	5.00	3.70	2.55	1.44	0.69
95	1.24	1.17	1.11	1.02	0.94	0.85	0.41	0.94	1.03	1.28	1.66	2.07	2.26	2.00	1.65	1.17	0.84	0.63	0.37
100	1.15	1.07	1.03	0.96	0.88	0.80	0.38	0.81	0.94	1.00	1.09	1.15	1.19	1.14	1.02	0.89	0.74	0.53	0.38
105	1.09	1.03	1.00	0.94	0.89	0.73	0.42	0.81	0.94	1.01	1.04	1.05	1.07	1.05	0.99	0.88	0.74	0.50	0.44
110	1.05	1.01	0.99	0.96	0.90	0.56	0.48	0.78	0.81	1.01	1.04	1.06	1.08	1.05	1.00	0.90	0.61	0.53	0.51
115	1.02	1.00	0.99	0.96	0.87	0.58	0.55	0.66	0.83	0.87	1.06	1.07	1.10	1.07	1.00	0.73	0.61	0.58	0.58
120	1.01	1.00	0.98	0.90	0.81	0.65	0.62	0.65	0.86	0.84	0.87	0.99	1.05	1.00	0.83	0.69	0.65	0.62	0.64
125	0.99	0.97	0.91	0.90	0.77	0.71	0.69	0.68	0.86	0.88	0.82	0.81	0.84	0.82	0.78	0.75	0.69	0.67	0.71
130	0.90	0.92	0.92	0.90	0.78	0.78	0.75	0.74	0.85	0.89	0.86	0.83	0.83	0.82	0.82	0.76	0.74	0.74	0.77
135	0.94	0.96	0.94	0.91	0.85	0.84	0.82	0.81	0.84	0.90	0.87	0.86	0.87	0.85	0.84	0.80	0.80	0.81	0.84
140	0.98	1.00	0.96	0.93	0.91	0.91	0.88	0.87	0.87	0.92	0.89	0.88	0.89	0.87	0.87	0.86	0.86	0.87	0.90
145	1.01	1.02	0.99	0.99	0.97	0.97	0.95	0.94	0.90	0.94	0.93	0.92	0.92	0.90	0.92	0.91	0.92	0.94	0.96
150	1.04	1.06	1.04	1.04	1.03	1.03	1.01	1.00	0.96	0.98	0.97	0.97	0.97	0.96	0.97	0.96	0.98	0.99	1.02
155	1.10	1.11	1.09	1.09	1.08	1.08	1.06	1.05	1.02	1.01	1.00	1.01	1.02	1.00	1.02	1.01	1.04	1.05	1.08
160	1.14	1.15	1.13	1.14	1.12	1.13	1.11	1.11	1.08	1.07	1.04	1.05	1.06	1.04	1.06	1.06	1.09	1.10	1.12
165	1.19	1.19	1.17	1.18	1.16	1.17	1.15	1.15	1.13	1.13	1.10	1.10	1.12	1.10	1.12	1.12	1.14	1.15	1.17
170	1.22	1.22	1.20	1.21	1.20	1.21	1.19	1.20	1.18	1.18	1.15	1.16	1.17	1.15	1.17	1.17	1.19	1.19	1.20
175	1.24	1.24	1.22	1.23	1.22	1.24	1.22	1.23	1.21	1.22	1.20	1.21	1.22	1.20	1.21	1.21	1.22	1.22	1.23
180	1.24	1.24	1.23	1.23	1.24	1.25	1.24	1.24	1.24	1.24	1.23	1.23	1.24	1.24	1.24	1.23	1.24	1.24	1.24

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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:0.4259A P:10.22W PF:1.000 Freq:0Hz Lamp Flux:309.154x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 140LED	DIM.: 1000*9*5MM	SERIAL No.:20190920001
MFR.: EVERFINE	SUR.:1000*5mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	104	104	104	104	105														
5	103	103	103	103	103														
10	101	101	100	99.7	99.4														
15	98.4	97.6	96.8	96.0	95.5														
20	94.9	93.7	92.6	91.5	90.8														
25	90.6	89.1	87.6	86.3	85.4														
30	85.6	83.8	82.1	80.6	79.5														
35	80.0	78.0	76.0	74.4	73.1														
40	73.8	71.8	69.5	67.9	66.4														
45	67.2	64.9	62.6	60.7	59.3														
50	60.0	57.8	55.3	53.4	51.9														
55	52.5	50.3	47.7	45.8	44.3														
60	44.6	42.3	39.9	38.0	36.5														
65	36.2	34.0	31.7	30.0	28.5														
70	27.4	25.5	23.4	22.0	20.7														
75	18.7	17.0	14.8	14.3	13.3														
80	10.3	8.96	8.30	7.63	6.94														
85	3.60	3.22	3.37	3.29	2.83														
90	0.65	1.21	1.72	1.79	1.71														
95	0.47	0.93	1.45	1.48	1.43														
100	0.45	0.78	1.31	1.37	1.33														
105	0.47	0.64	0.89	1.25	1.25														
110	0.52	0.62	0.84	0.83	1.16														
115	0.58	0.61	0.78	0.94	1.04														
120	0.64	0.67	0.71	0.92	1.00														
125	0.71	0.73	0.73	0.78	0.97														
130	0.78	0.80	0.80	0.82	0.89														
135	0.84	0.86	0.86	0.88	0.89														
140	0.91	0.93	0.93	0.95	0.94														
145	0.97	0.99	0.98	1.00	1.00														
150	1.02	1.04	1.04	1.06	1.06														
155	1.07	1.09	1.09	1.11	1.10														
160	1.12	1.14	1.13	1.15	1.14														
165	1.16	1.18	1.17	1.18	1.18														
170	1.20	1.21	1.20	1.22	1.21														
175	1.22	1.24	1.22	1.24	1.23														
180	1.24	1.24	1.24	1.24	1.23														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-09-20

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: