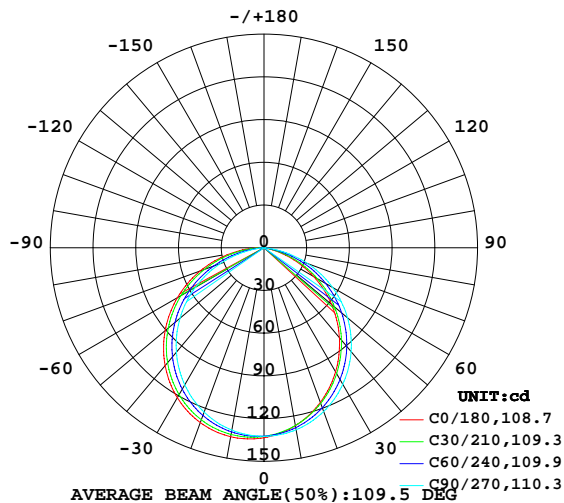


LUMINAIRE PHOTOMETRIC TEST REPORT

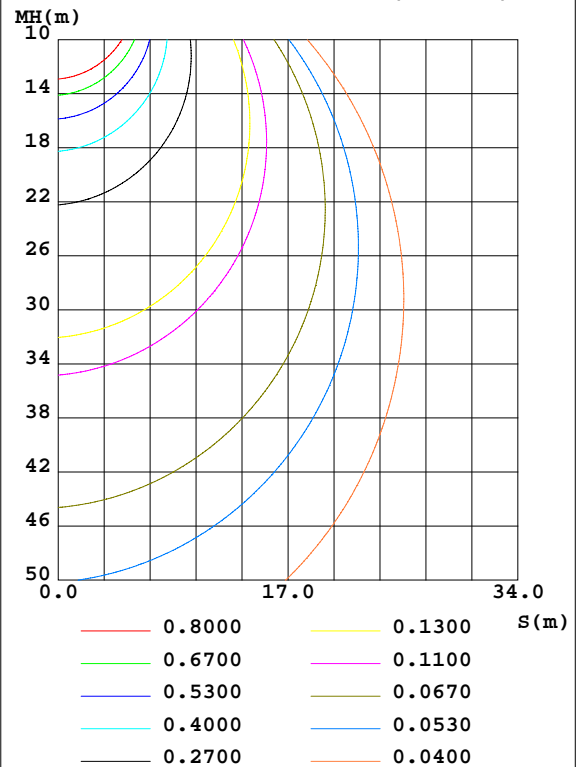
Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.43 lm/W			
MODEL: T28WW084TA-24(WCP)-HR		Imax(cd)	134.9	S/MH(C0/180)	1.35
NOMINAL POWER(W)	9.37	LOR(%)	163.4	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	363.56	η UP,DN(C0-180)	0.0,79.1
NOMINAL FLUX(lm)	222.471	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,84.3
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	163.4	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:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

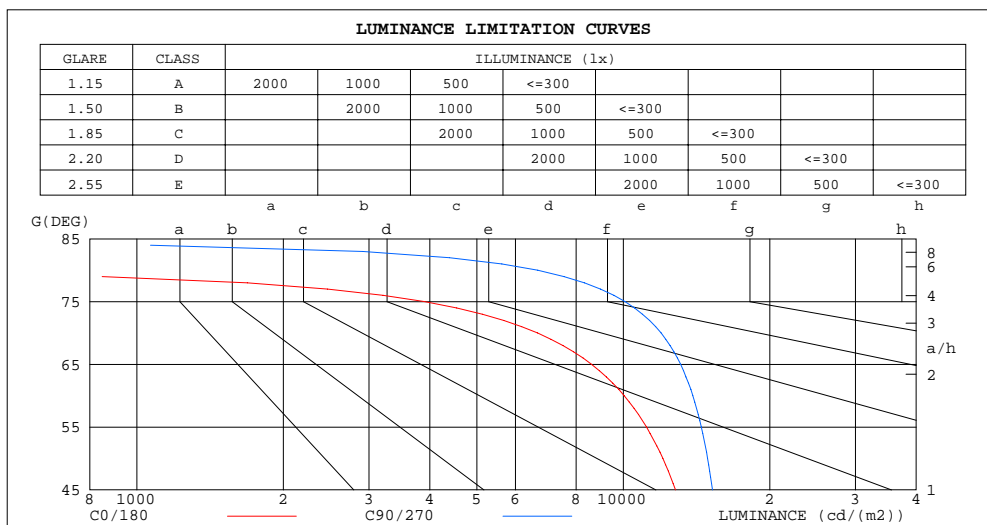
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	126.9	127.6	129.8	132.5	134.8	132.3	130.0	129.2	0- 10	12.56	12.56	3.46,5.65
20	115.7	118.1	122.4	126.7	130.7	127.0	122.9	120.2	10- 20	35.90	48.46	13.3,21.8
30	100.6	104.5	110.7	116.0	121.7	117.0	111.3	107.0	20- 30	54.15	102.6	28.2,46.1
40	82.41	87.69	95.22	101.2	108.1	102.5	95.73	90.32	30- 40	64.83	167.4	46.1,75.3
50	61.99	68.18	76.63	82.99	90.64	84.51	76.99	70.92	40- 50	66.57	234.0	64.4,105
60	40.17	46.54	55.58	61.87	70.23	63.63	55.73	49.56	50- 60	59.19	293.2	80.6,132
70	18.23	24.06	32.72	38.77	47.63	40.76	32.83	27.01	60- 70	43.70	336.9	92.7,151
80	0.0137	3.180	9.264	15.27	24.14	17.34	9.621	5.618	70- 80	22.59	359.5	98.9,162
90	0	0	0	0	3.104	0	0	0	80- 90	4.047	363.5	100,163
100	0	0	0	0	0	0	0	0	90-100	0.0239	363.6	100,163
110	0	0	0	0	0	0	0	0	100-110	0	363.6	100,163
120	0	0	0	0	0	0	0	0	110-120	0	363.6	100,163
130	0	0	0	0	0	0	0	0	120-130	0	363.6	100,163
140	0	0	0	0	0	0	0	0	130-140	0	363.6	100,163
150	0	0	0	0	0	0	0	0	140-150	0	363.6	100,163
160	0	0	0	0	0	0	0	0	150-160	0	363.6	100,163
170	0	0	0	0	0	0	0	0	160-170	0	363.6	100,163
180	0	0	0	0	0	0	0	0	170-180	0	363.6	100,163
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	15
80	10	6669
75	3900	10077
70	6662	11958
65	8604	13112
60	10042	13894
55	11160	14468
50	12055	14901
45	12801	15248

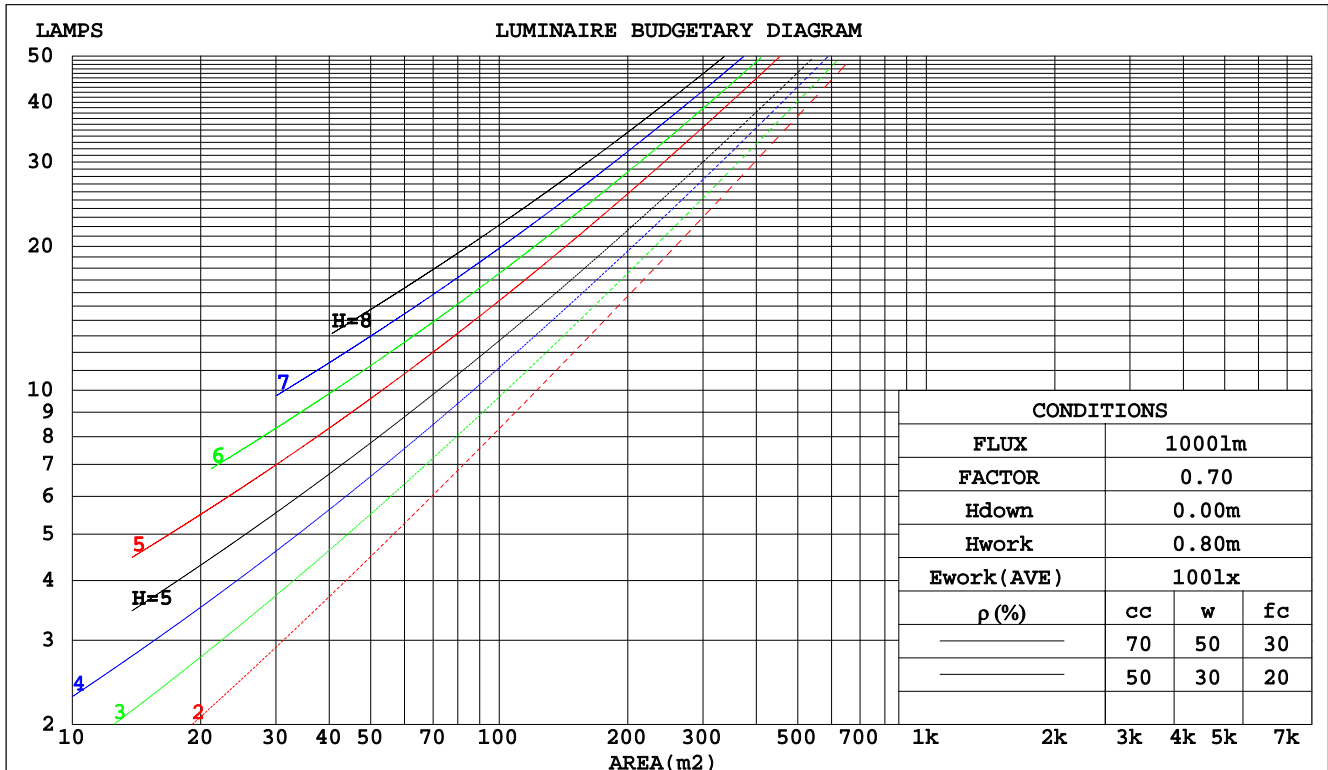
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
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	1.95	1.95	1.95	1.90	1.90	1.90	1.82	1.82	1.82	1.74	1.74	1.74	1.67	1.67	1.67	1.63
1.0	1.71	1.64	1.58	1.67	1.61	1.55	1.60	1.55	1.51	1.54	1.50	1.46	1.48	1.45	1.42	1.38
2.0	1.49	1.38	1.29	1.46	1.36	1.28	1.40	1.32	1.25	1.35	1.28	1.22	1.30	1.24	1.19	1.16
3.0	1.31	1.18	1.08	1.29	1.16	1.07	1.24	1.13	1.05	1.19	1.10	1.03	1.15	1.08	1.01	.98
4.0	1.16	1.02	.91	1.14	1.01	.91	1.10	.99	.89	1.06	.96	.88	1.03	.94	.87	.83
5.0	1.04	.89	.79	1.02	.88	.78	.99	.87	.77	.95	.85	.76	.92	.83	.76	.72
6.0	.94	.79	.69	.92	.78	.68	.89	.77	.68	.86	.75	.67	.84	.74	.67	.63
7.0	.85	.71	.61	.84	.70	.60	.81	.69	.60	.79	.68	.60	.76	.67	.59	.56
8.0	.77	.64	.54	.76	.63	.54	.74	.62	.54	.72	.61	.53	.70	.60	.53	.50
9.0	.71	.58	.49	.70	.57	.49	.68	.57	.48	.67	.56	.48	.65	.55	.48	.45
10.0	.66	.53	.44	.65	.52	.44	.63	.52	.44	.62	.51	.44	.60	.50	.43	.41



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.471x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
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	.485	.276	.087	.473	.270	.086	.452	.259	.083	.432	.249	.080	.414	.240	.077		
2.0	.463	.254	.078	.453	.249	.077	.434	.241	.075	.416	.233	.073	.400	.226	.071		
3.0	.431	.230	.069	.422	.226	.068	.406	.220	.067	.390	.214	.066	.376	.208	.064		
4.0	.400	.208	.061	.392	.205	.061	.377	.200	.060	.363	.195	.059	.350	.190	.058		
5.0	.371	.189	.055	.364	.187	.054	.351	.183	.054	.338	.179	.053	.327	.175	.052		
6.0	.345	.173	.049	.339	.171	.049	.327	.167	.049	.316	.164	.048	.305	.161	.048		
7.0	.321	.159	.045	.316	.157	.045	.305	.154	.044	.295	.151	.044	.286	.149	.044		
8.0	.301	.147	.041	.296	.146	.041	.286	.143	.041	.277	.141	.041	.269	.138	.040		
9.0	.282	.136	.038	.278	.135	.038	.269	.133	.038	.261	.131	.037	.254	.129	.037		
10.0	.265	.127	.035	.261	.126	.035	.254	.124	.035	.247	.122	.035	.240	.121	.035		

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	.311	.311	.311	.266	.266	.266	.182	.182	.182	.104	.104	.104	.033	.033	.033	
1.0	.293	.255	.221	.251	.219	.191	.172	.151	.132	.099	.087	.077	.032	.028	.025	
2.0	.280	.216	.162	.240	.186	.140	.164	.128	.098	.095	.075	.057	.030	.024	.019	
3.0	.267	.187	.123	.229	.161	.107	.157	.112	.075	.091	.065	.044	.029	.021	.014	
4.0	.255	.165	.096	.218	.143	.084	.150	.099	.059	.087	.058	.035	.028	.019	.011	
5.0	.243	.148	.078	.208	.128	.068	.144	.089	.048	.083	.052	.028	.027	.017	.009	
6.0	.231	.134	.065	.199	.116	.056	.137	.081	.040	.079	.048	.024	.026	.016	.008	
7.0	.220	.123	.055	.189	.107	.048	.131	.075	.034	.076	.044	.020	.025	.014	.007	
8.0	.210	.113	.047	.180	.098	.041	.125	.069	.029	.073	.041	.017	.023	.013	.006	
9.0	.200	.105	.042	.172	.091	.036	.119	.064	.026	.069	.038	.015	.023	.012	.005	
10.0	.191	.098	.037	.164	.085	.032	.114	.060	.023	.066	.036	.014	.022	.012	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:		
SPEC.:2835 84LED					DIM.: 1000*8*12MM			SERIAL No.:20171129002		
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	25.8	27.3	26.1	27.5	27.7	27.0	28.5	27.3	28.7	28.9
	3H	26.6	28.0	26.9	28.3	28.5	28.4	29.8	28.7	30.1
	4H	26.8	28.1	27.1	28.3	28.6	28.9	30.2	29.2	30.5
	6H	26.7	27.9	27.0	28.2	28.5	29.1	30.3	29.4	30.6
	8H	26.6	27.8	27.0	28.1	28.4	29.1	30.3	29.4	30.6
	12H	26.6	27.7	26.9	28.0	28.3	29.1	30.2	29.4	30.5
4H	2H	26.4	27.7	26.7	28.0	28.2	27.4	28.7	27.7	29.0
	3H	27.4	28.5	27.7	28.8	29.1	28.9	30.1	29.3	30.4
	4H	27.5	28.6	27.9	28.9	29.2	29.5	30.5	29.9	30.9
	6H	27.5	28.4	27.9	28.8	29.1	29.8	30.7	30.2	31.0
	8H	27.5	28.3	27.9	28.7	29.1	29.8	30.6	30.2	31.0
	12H	27.4	28.2	27.8	28.6	29.0	29.7	30.5	30.2	30.9
8H	4H	27.7	28.6	28.1	28.9	29.3	29.5	30.4	29.9	30.7
	6H	27.7	28.4	28.1	28.8	29.2	29.8	30.5	30.3	30.9
	8H	27.6	28.2	28.1	28.7	29.1	29.8	30.5	30.3	30.9
	12H	27.6	28.1	28.1	28.6	29.0	29.8	30.3	30.3	30.8
12H	4H	27.7	28.5	28.1	28.8	29.2	29.5	30.3	29.9	30.6
	6H	27.6	28.3	28.1	28.7	29.1	29.8	30.4	30.2	30.8
	8H	27.6	28.1	28.1	28.6	29.1	29.8	30.3	30.3	30.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.3				
2.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.5				

CIE Pub.117, 222.5 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -5.2$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

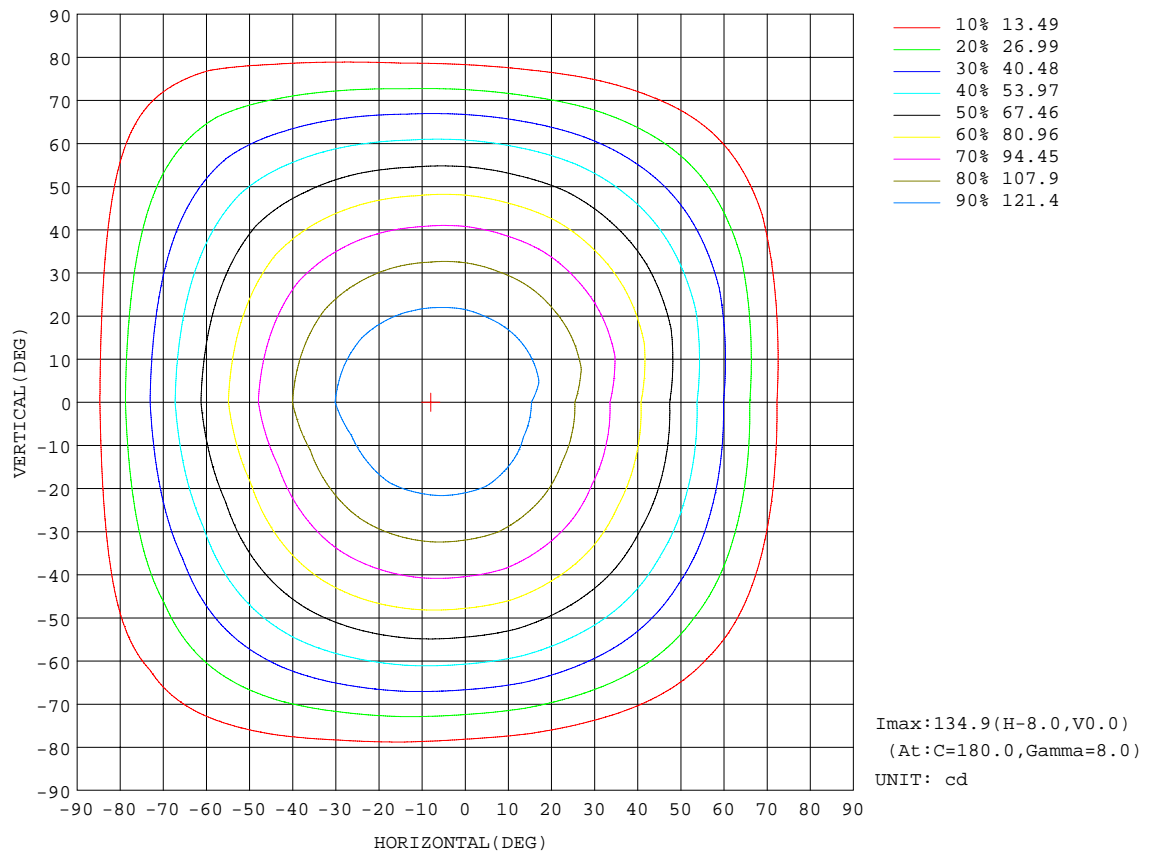
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	95	76	65	94	76	65	92	75	65	54
0.80	112	93	81	110	92	81	107	91	80	69
1.00	126	108	96	124	107	96	120	109	95	83
1.25	137	120	109	135	119	108	131	117	107	95
1.50	145	130	118	143	128	118	138	125	116	104
2.00	157	143	133	154	141	131	148	137	129	116
2.50	163	150	141	159	148	139	153	144	136	123
3.00	168	157	149	165	155	147	158	150	143	130
4.00	175	166	158	171	163	156	164	157	152	137
5.00	178	171	165	174	168	162	167	162	157	142
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:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



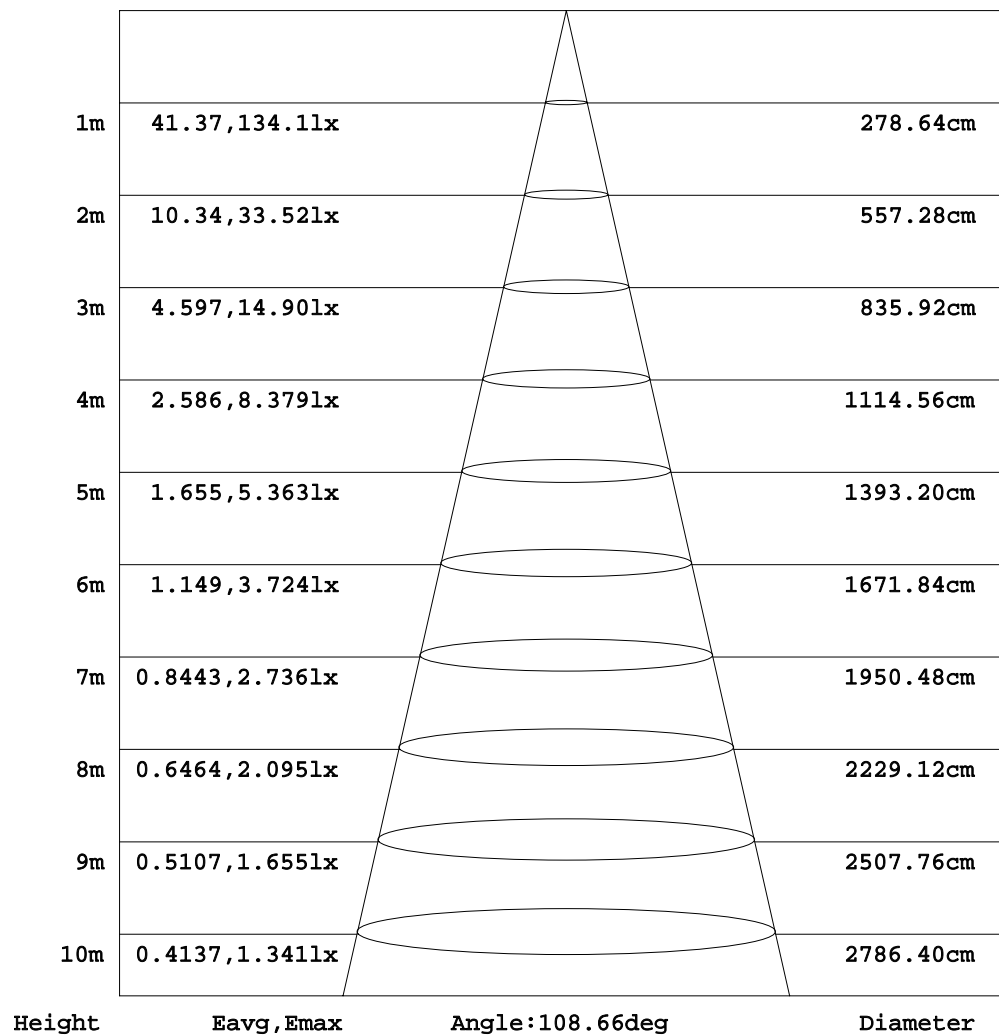
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Flux out:265.1 lm



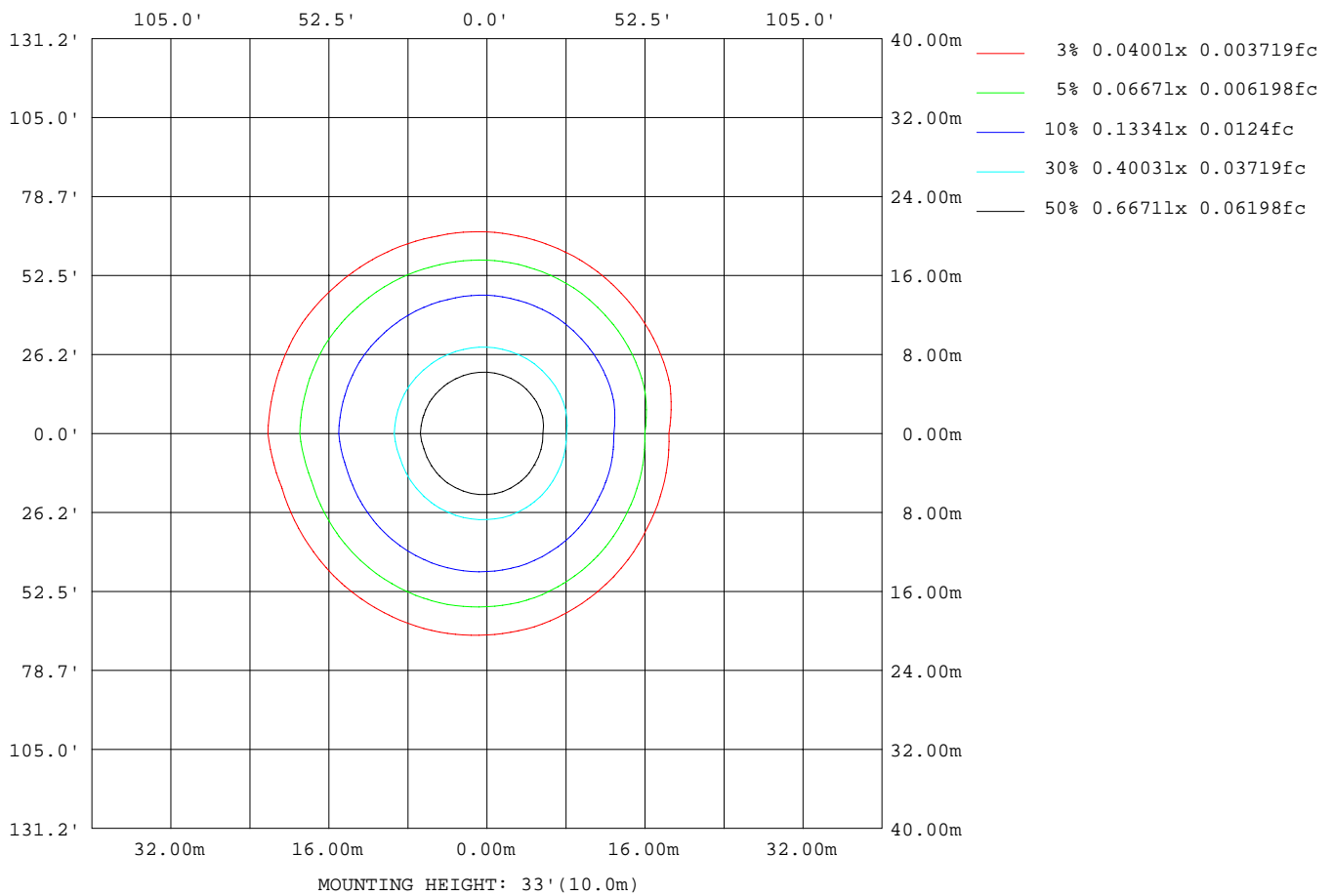
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
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:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

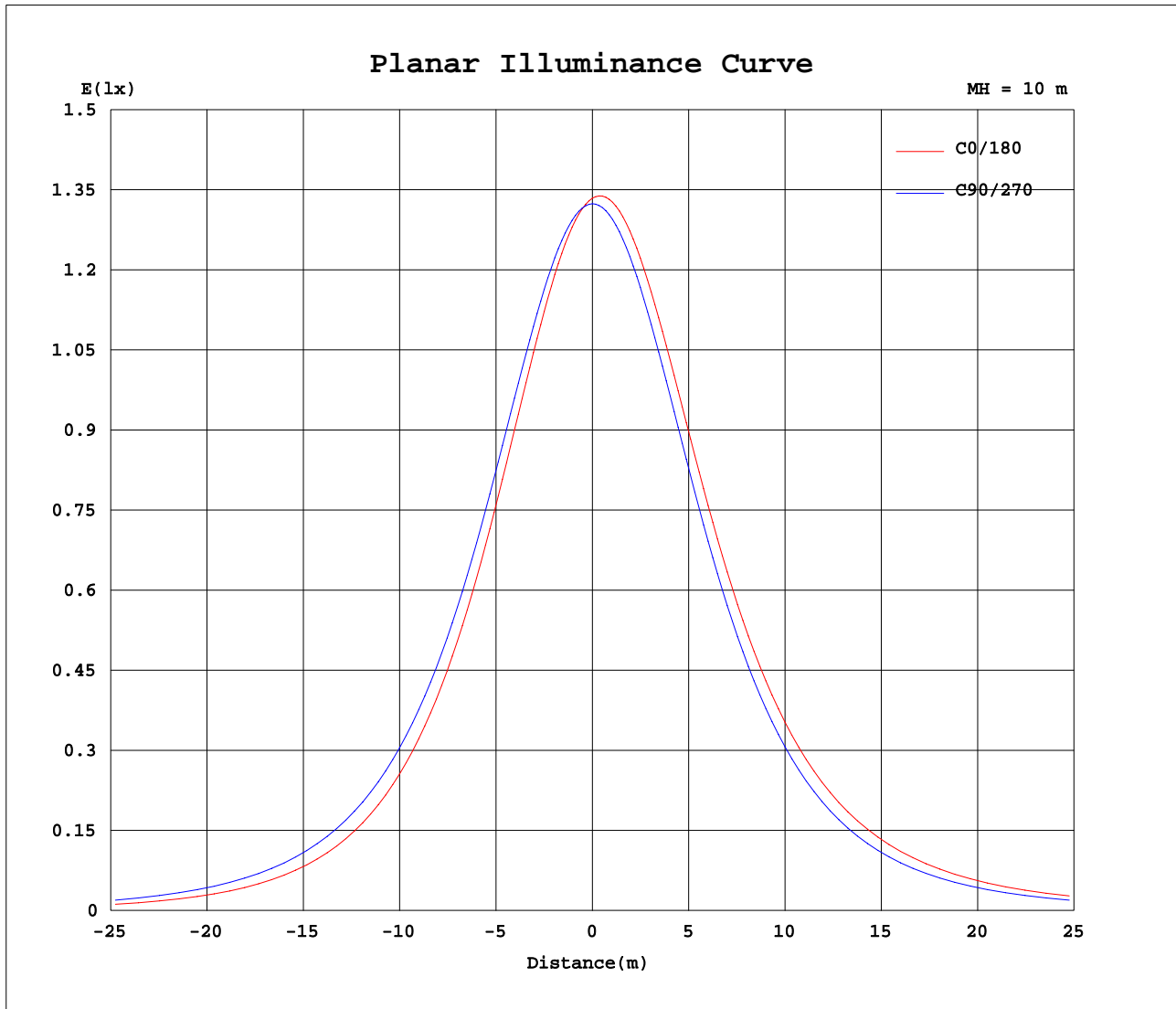
AvgL	cd/m2
L_0~180(65)av	13045
L_0~180(75)av	10624
L_0~180(85)av	9208
L_90~270(65)av	13127
L_90~270(75)av	10136
L_90~270(85)av	8
L_45(65)av	13057
L_45(75)av	10259
L_45(85)av	3964

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [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: 2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.47lx1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	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	133	133	132	132	132	133	132	132	133	133	134	134	133	133	132	132	132	133	132
5	131	131	130	131	131	132	132	132	133	134	134	135	135	134	133	133	132	132	132
10	127	127	127	128	128	129	130	130	131	133	133	134	135	134	133	132	131	131	130
15	122	122	122	123	125	126	127	128	129	130	131	132	133	133	132	130	129	128	127
20	116	116	116	118	120	121	122	124	125	127	128	129	131	130	129	127	125	124	123
25	109	109	110	112	114	116	117	119	120	122	123	124	127	126	125	123	121	119	118
30	101	101	102	105	107	109	111	112	114	116	117	118	122	121	119	117	115	113	111
35	91.8	92.6	93.7	96.5	99.1	102	103	105	107	109	110	112	115	114	113	110	108	106	104
40	82.4	83.3	84.6	87.7	90.5	93.5	95.2	97.4	99.3	101	102	104	108	107	105	103	100	97.4	95.7
45	72.4	73.5	74.9	78.2	81.1	84.4	86.3	88.6	90.6	92.5	93.7	95.1	99.8	98.4	97.0	93.9	91.2	88.4	86.7
50	62.0	63.2	64.8	68.2	71.2	74.6	76.6	79.1	81.2	83.0	84.2	85.6	90.6	89.3	87.8	84.5	81.6	78.7	77.0
55	51.2	52.4	54.1	57.5	60.8	64.3	66.4	69.0	71.0	72.8	73.9	75.3	80.8	79.3	77.9	74.3	71.4	68.4	66.6
60	40.2	41.5	43.2	46.5	49.9	53.4	55.6	58.1	60.0	61.9	63.1	64.5	70.2	68.8	67.4	63.6	60.6	57.5	55.7
65	29.1	30.4	32.1	35.3	38.7	42.2	44.3	46.9	48.6	50.5	51.8	53.2	59.1	57.7	56.1	52.4	49.3	46.3	44.4
70	18.2	19.5	21.0	24.1	27.2	30.5	32.7	35.2	36.9	38.8	40.2	41.6	47.6	46.2	44.6	40.8	37.6	34.6	32.8
75	8.08	9.16	10.4	13.1	15.8	18.8	20.9	23.3	25.0	26.9	28.4	29.9	35.9	34.5	32.8	29.0	25.9	22.8	21.1
80	0.01	0.65	1.34	3.18	5.18	7.60	9.26	11.7	13.2	15.3	16.7	18.3	24.1	22.8	21.1	17.3	14.2	11.2	9.62
85	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.16	2.59	4.62	6.12	7.66	12.8	11.6	10.0	6.44	3.57	0.83	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	2.05	0.77	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-11-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3942A P:9.461W PF:1.000 Freq:0Hz Lamp Flux:222.471x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:2835 84LED	DIM.: 1000*8*12MM	SERIAL No.:20171129002
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	132	133	133	134	134														
5	131	132	132	132	132														
10	129	129	129	129	129														
15	126	126	125	125	124														
20	122	121	120	119	119														
25	116	115	114	113	112														
30	110	108	107	106	105														
35	102	101	99.1	97.8	96.4														
40	93.7	92.3	90.3	88.9	87.3														
45	84.6	83.1	80.9	79.4	77.6														
50	74.8	73.3	70.9	69.2	67.4														
55	64.4	62.8	60.4	58.7	56.8														
60	53.6	51.8	49.6	47.8	45.9														
65	42.3	40.5	38.3	36.6	34.8														
70	30.8	29.1	27.0	25.5	23.7														
75	19.2	17.8	15.9	14.6	13.1														
80	8.04	6.97	5.62	4.75	3.63														
85	0.00	0.00	0.00	0.00	0.00														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.950m [K=1.0000]
Remarks: