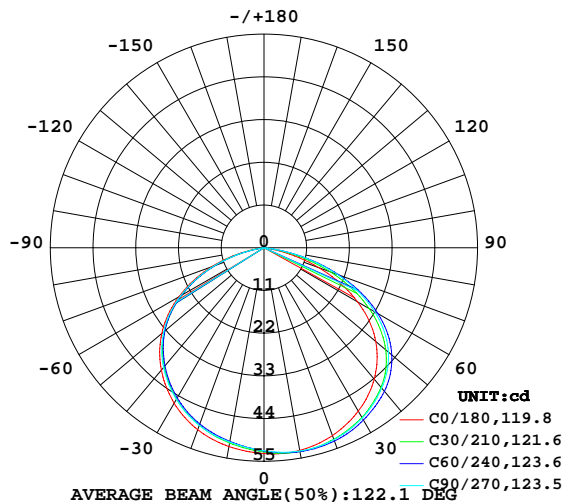


LUMINAIRE PHOTOMETRIC TEST REPORT

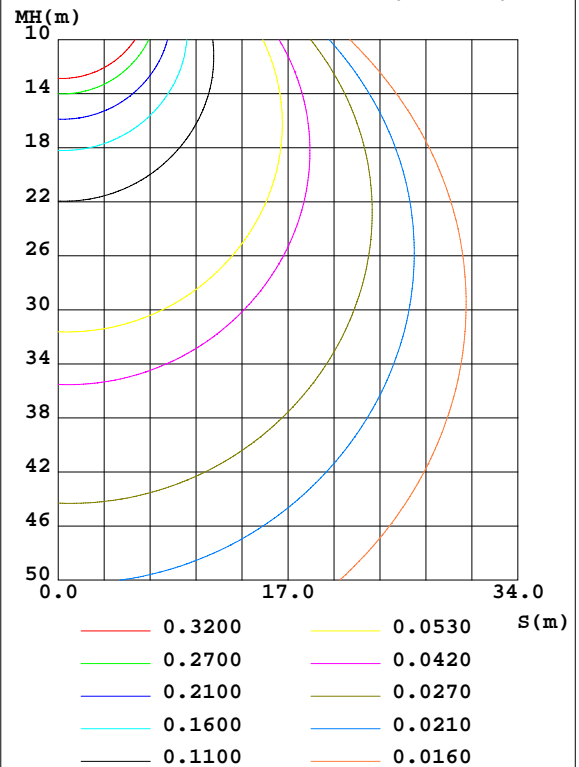
Test:U:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.84 lm/W			
MODEL	S103T50FC036B-24(WCP)	I _{max} (cd)	53.37	S/MH(C0/180)	1.30
NOMINAL POWER(W)	7.42	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	164.07	η UP,DN(C0-180)	0.0,53.4
NOMINAL FLUX(lm)	164.072	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,46.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	100.0	CIBSE SHR MAX	1.55

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:2017-12-30

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:

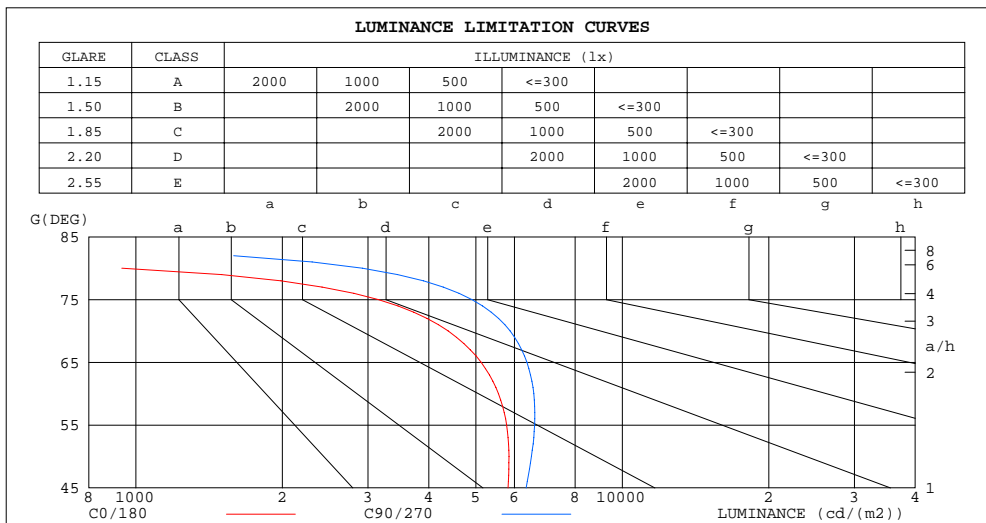
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	52.97	53.37	53.14	52.69	51.97	50.74	50.81	51.85	0- 10	5.002	5.002	3.05,3.05
20	51.48	52.89	52.62	51.48	49.87	48.41	48.68	50.09	10- 20	14.59	19.59	11.9,11.9
30	48.56	51.09	50.63	48.78	46.26	44.81	45.08	47.08	20- 30	22.80	42.39	25.8,25.8
40	44.16	47.91	47.15	44.58	41.12	39.75	40.23	42.72	30- 40	28.67	71.06	43.3,43.3
50	37.58	42.49	41.80	38.57	34.35	33.28	33.72	36.68	40- 50	31.34	102.4	62.4,62.4
60	27.81	33.14	32.88	29.53	25.33	24.43	24.87	26.51	50- 60	29.48	131.9	80.4,80.4
70	15.00	19.96	20.11	17.29	14.38	13.21	13.57	15.00	60- 70	21.98	153.9	93.8,93.8
80	1.625	4.646	5.074	3.646	2.490	1.489	1.481	1.669	70- 80	9.812	163.7	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	0.3932	164.1	100,100
100	0	0	0	0	0	0	0	0	90-100	0	164.1	100,100
110	0	0	0	0	0	0	0	0	100-110	0	164.1	100,100
120	0	0	0	0	0	0	0	0	110-120	0	164.1	100,100
130	0	0	0	0	0	0	0	0	120-130	0	164.1	100,100
140	0	0	0	0	0	0	0	0	130-140	0	164.1	100,100
150	0	0	0	0	0	0	0	0	140-150	0	164.1	100,100
160	0	0	0	0	0	0	0	0	150-160	0	164.1	100,100
170	0	0	0	0	0	0	0	0	160-170	0	164.1	100,100
180	0	0	0	0	0	0	0	0	170-180	0	164.1	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:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	936	2922
75	3150	4907
70	4385	5881
65	5127	6368
60	5563	6576
55	5784	6601
50	5847	6504
45	5822	6342

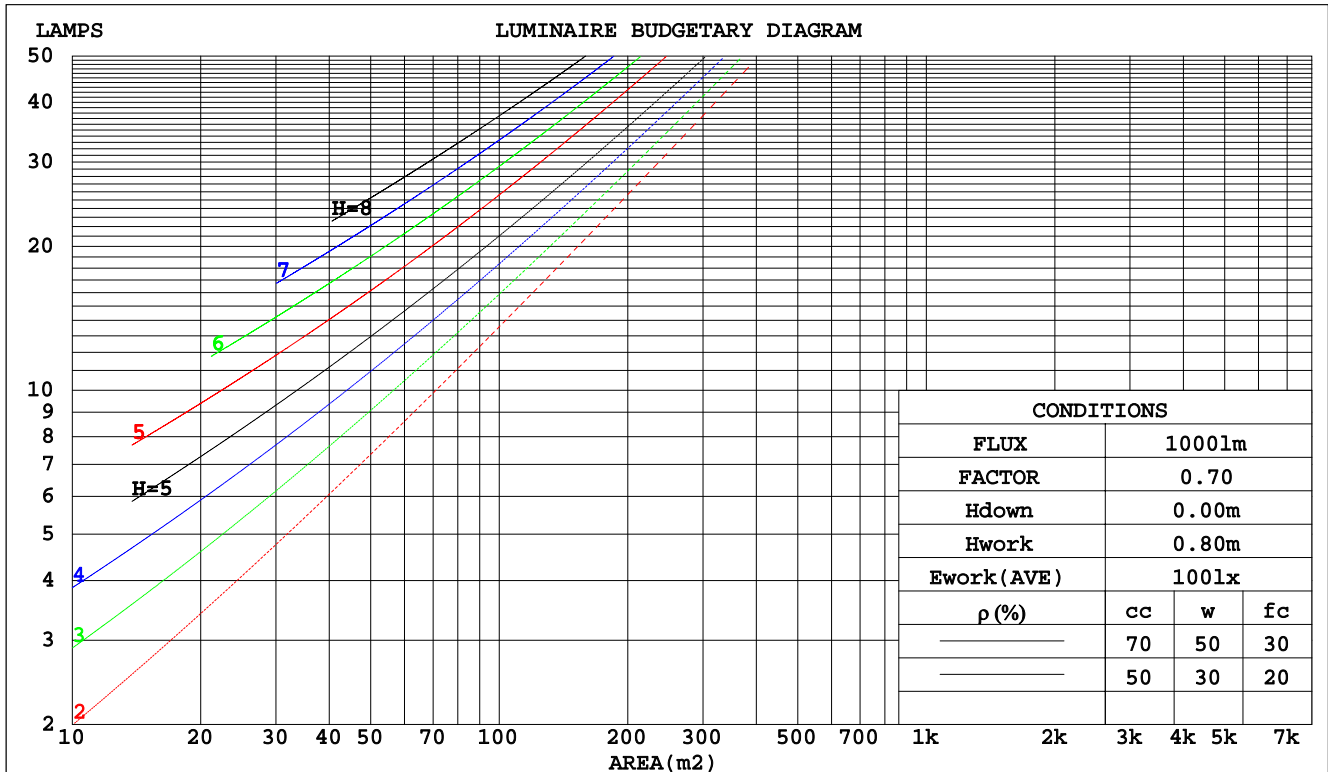
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.90	.91	.89	.87	.85
2.0	.91	.84	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.71
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
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	.293	.167	.053	.286	.163	.052	.273	.157	.050	.261	.151	.048	.250	.145	.047		
2.0	.285	.156	.048	.279	.153	.047	.267	.148	.046	.256	.144	.045	.246	.139	.044		
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.242	.133	.041	.233	.129	.040		
4.0	.248	.129	.038	.244	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036		
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.211	.111	.033	.204	.109	.033		
6.0	.214	.108	.031	.211	.106	.031	.203	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.158	.080	.023		
10.0	.165	.079	.022	.162	.078	.022	.158	.077	.022	.153	.076	.022	.149	.075	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.147	.114	.085	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.096	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:		
SPEC.:5050 036LED					DIM.: 1000*10*1MM			SERIAL No.:20171229008		
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	25.9	27.5	26.2	27.7	27.9	26.6	28.2	26.9	28.4	28.6
3H	27.2	28.6	27.5	28.8	29.1	28.2	29.6	28.5	29.9	30.1
4H	27.5	28.9	27.8	29.1	29.4	28.7	30.1	29.1	30.3	30.6
6H	27.5	28.8	27.9	29.1	29.3	29.0	30.2	29.3	30.5	30.8
8H	27.5	28.7	27.8	29.0	29.3	28.9	30.1	29.3	30.4	30.7
12H	27.4	28.6	27.8	28.9	29.2	28.9	30.0	29.2	30.3	30.6
4H 2H	26.7	28.1	27.0	28.3	28.6	27.3	28.6	27.6	28.9	29.1
3H	28.2	29.3	28.5	29.6	29.9	29.0	30.2	29.4	30.5	30.8
4H	28.6	29.6	28.9	29.9	30.3	29.6	30.7	30.0	31.0	31.4
6H	28.6	29.6	29.0	29.9	30.3	29.9	30.9	30.3	31.2	31.6
8H	28.6	29.5	29.0	29.8	30.2	29.9	30.8	30.3	31.2	31.5
12H	28.5	29.3	29.0	29.7	30.1	29.9	30.7	30.3	31.1	31.5
8H 4H	28.8	29.7	29.2	30.1	30.4	29.8	30.7	30.2	31.0	31.4
6H	28.9	29.7	29.4	30.1	30.5	30.1	30.9	30.6	31.3	31.7
8H	28.9	29.5	29.4	30.0	30.4	30.2	30.8	30.6	31.2	31.7
12H	28.9	29.4	29.3	29.9	30.3	30.1	30.7	30.6	31.1	31.6
12H 4H	28.8	29.6	29.2	30.0	30.4	29.8	30.6	30.2	30.9	31.4
6H	28.9	29.6	29.4	30.0	30.4	30.1	30.8	30.6	31.2	31.6
8H	28.9	29.4	29.4	29.9	30.4	30.1	30.7	30.6	31.1	31.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.7					+ 0.2 / - 0.6				

CIE Pub.117, 164.1 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -6.3$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

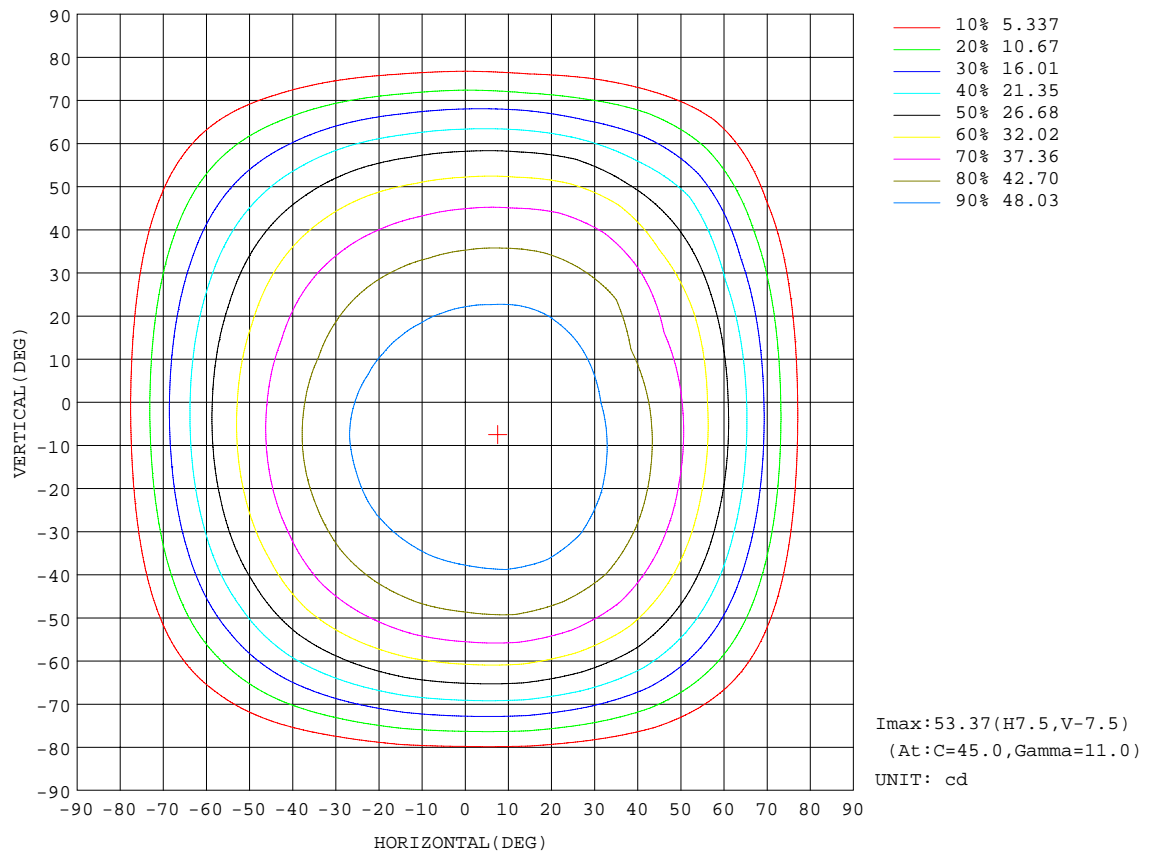
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	45	38	56	44	38	55	44	37	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	87	78	71	84	76	70	62
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
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:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



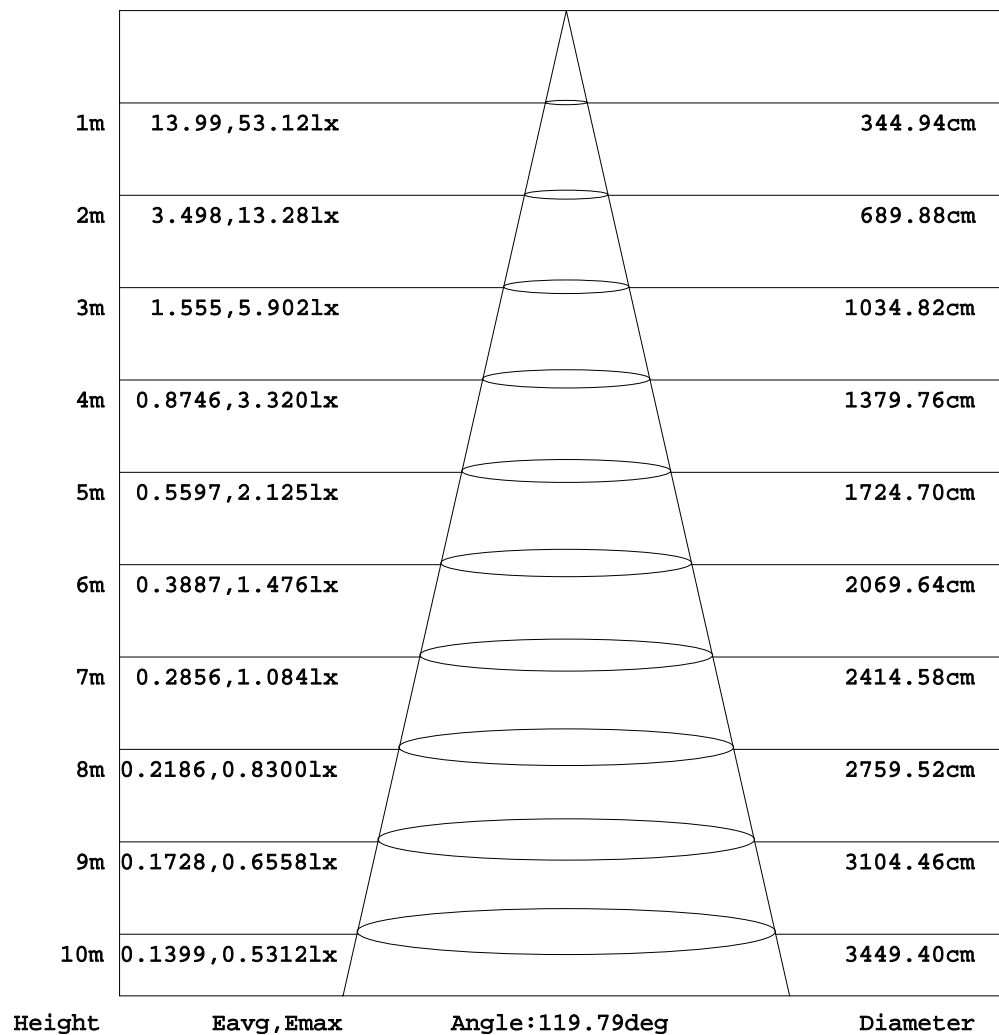
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:131.9 lm



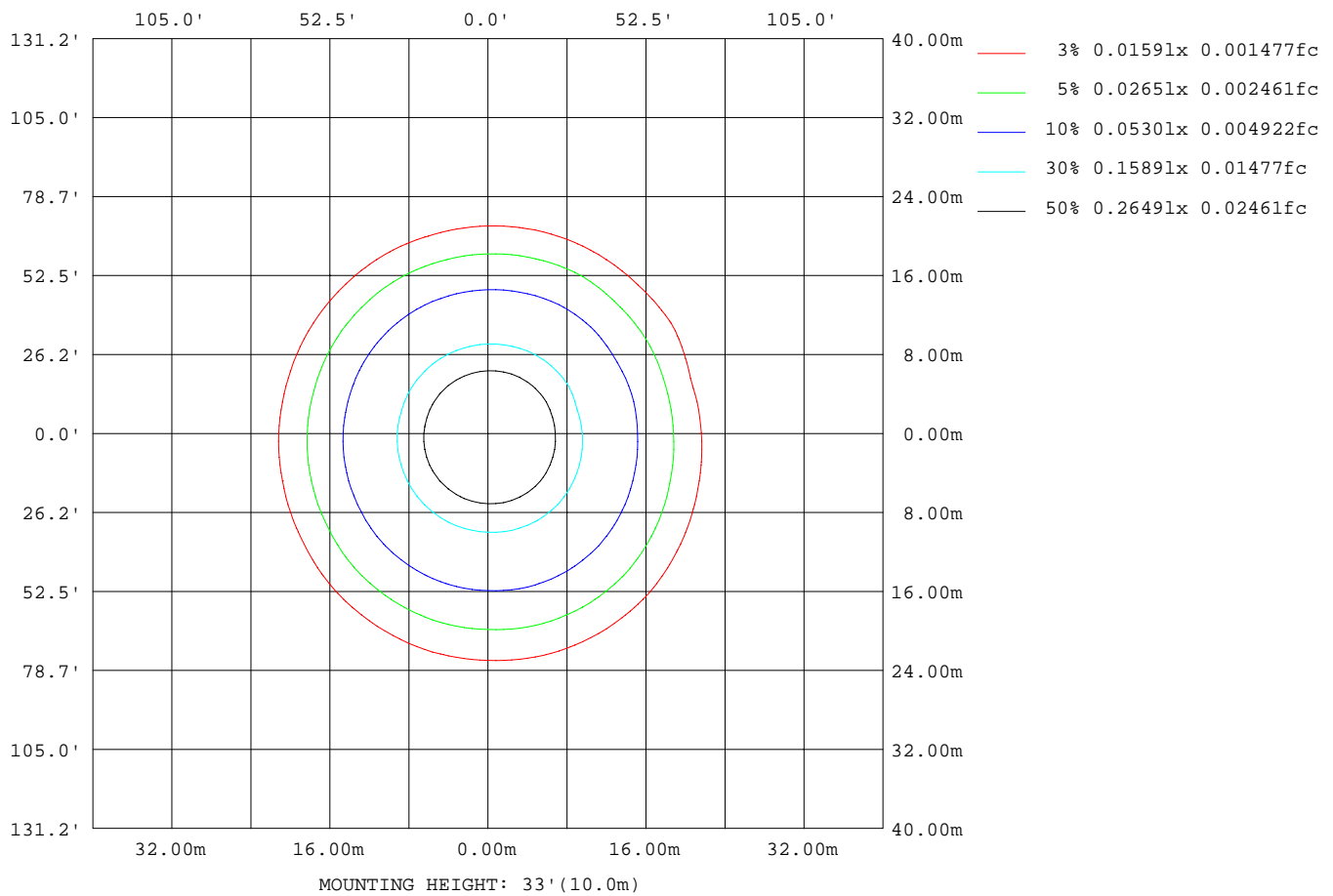
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
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:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

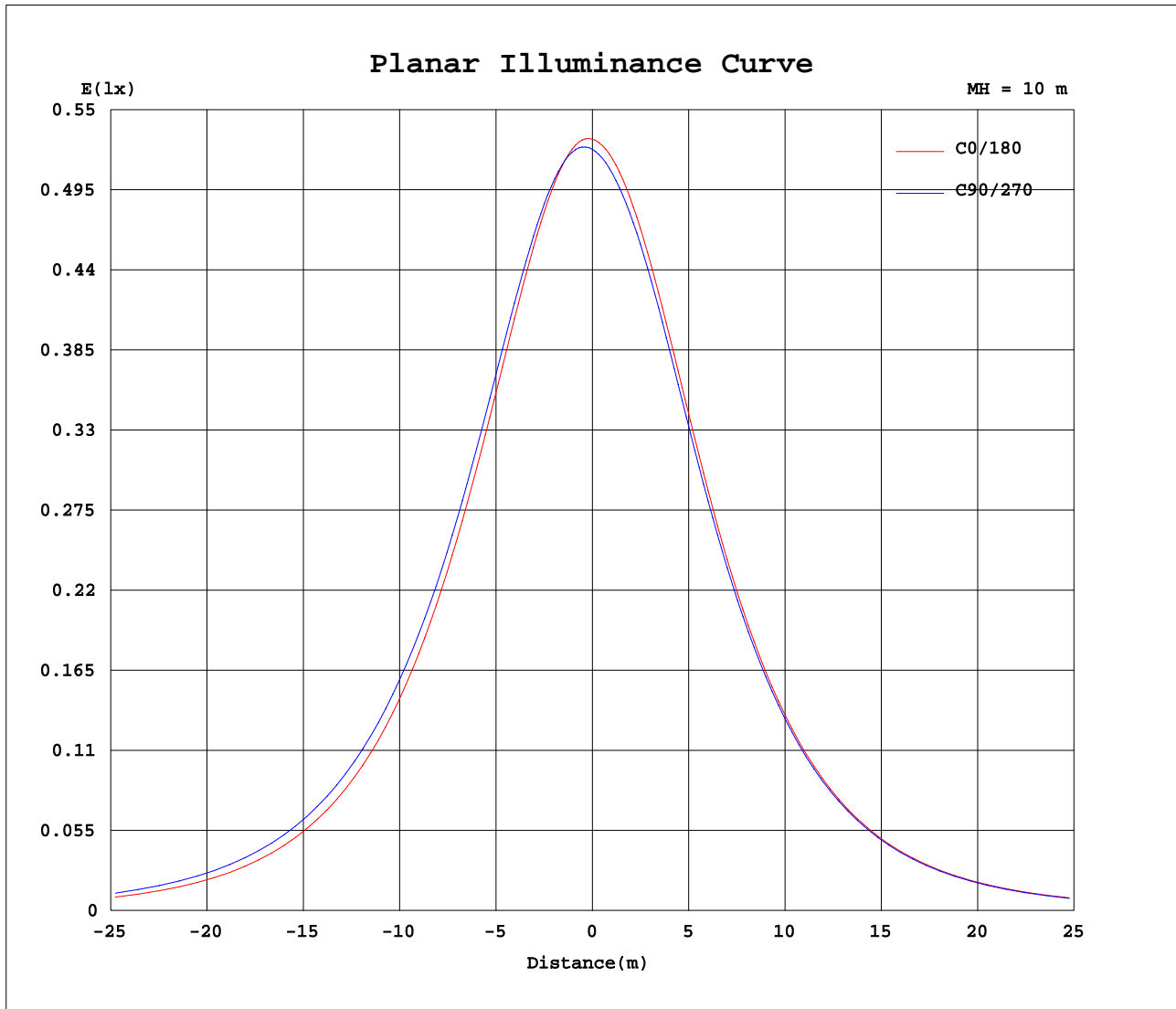
AvgL	cd/m2
L_0~180(65)av	4933
L_0~180(75)av	3205
L_0~180(85)av	0
L_90~270(65)av	5491
L_90~270(75)av	3896
L_90~270(85)av	0
L_45(65)av	5357
L_45(75)av	3685
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-12-30

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: 2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	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	53.0	52.8	52.6	52.4	52.3	52.3	52.3	52.3	52.4	52.7	52.9	53.1	53.0	52.8	52.6	52.4	52.3	52.3	52.3
5	53.2	53.2	53.1	53.1	53.0	53.0	52.9	52.7	52.8	52.8	52.8	52.9	52.6	52.2	51.9	51.7	51.5	51.5	51.6
10	53.0	53.1	53.3	53.4	53.3	53.3	53.1	52.9	52.8	52.7	52.5	52.4	52.0	51.4	51.1	50.7	50.6	50.7	50.8
15	52.4	52.8	53.1	53.3	53.3	53.3	53.1	52.8	52.5	52.3	51.9	51.7	51.1	50.4	50.0	49.7	49.6	49.7	49.9
20	51.5	52.1	52.5	52.9	53.0	53.0	52.6	52.3	51.9	51.5	51.0	50.6	49.9	49.1	48.7	48.4	48.3	48.5	48.7
25	50.2	50.9	51.6	52.2	52.3	52.2	51.8	51.4	50.8	50.4	49.7	49.1	48.3	47.4	47.0	46.8	46.7	46.7	47.1
30	48.6	49.5	50.4	51.1	51.2	51.1	50.6	50.0	49.5	48.8	47.9	47.1	46.3	45.3	45.0	44.8	44.7	44.7	45.1
35	46.6	47.7	48.8	49.7	49.9	49.7	49.1	48.5	47.7	46.9	45.8	44.8	43.8	42.9	42.6	42.4	42.3	42.4	42.8
40	44.2	45.5	46.9	47.9	48.2	47.9	47.2	46.5	45.6	44.6	43.3	42.2	41.1	40.2	40.0	39.8	39.7	39.8	40.2
45	41.2	42.7	44.3	45.6	46.0	45.8	44.8	44.1	43.0	41.9	40.3	39.1	38.0	37.1	36.9	36.8	36.7	36.8	37.3
50	37.6	39.1	40.9	42.5	43.0	42.9	41.8	41.0	39.8	38.6	36.8	35.5	34.3	33.5	33.4	33.3	33.3	33.3	33.7
55	33.2	34.6	36.5	38.3	39.0	38.8	37.9	37.1	35.8	34.5	32.5	31.2	30.1	29.3	29.3	29.2	29.3	29.2	29.6
60	27.8	29.3	31.3	33.1	33.9	33.8	32.9	32.2	30.9	29.5	27.5	26.3	25.3	24.6	24.5	24.4	24.5	24.5	24.9
65	21.7	23.1	25.1	27.0	27.7	27.8	26.9	26.3	25.0	23.7	21.9	20.8	20.0	19.4	19.2	19.1	19.2	19.1	19.5
70	15.0	16.3	18.2	20.0	20.6	20.8	20.1	19.6	18.5	17.3	15.8	14.9	14.4	13.7	13.5	13.2	13.3	13.2	13.6
75	8.15	9.30	10.8	12.4	13.0	13.2	12.7	12.3	11.4	10.5	9.34	8.74	8.44	7.81	7.60	7.25	7.32	7.23	7.47
80	1.62	2.48	3.45	4.65	5.12	5.45	5.07	4.97	4.19	3.65	2.87	2.59	2.49	1.98	1.82	1.49	1.51	1.41	1.48
85	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
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	0.00	0.00	0.00	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:2017-12-30

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:24.01V I:0.3128A P:7.511W PF:1.0000 Freq:0Hz Lamp Flux:164.072x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 036LED	DIM.: 1000*10*1MM	SERIAL No.:20171229008
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	52.3	52.4	52.7	52.9	53.1														
5	51.7	52.0	52.4	52.7	53.2														
10	51.0	51.4	51.8	52.3	52.8														
15	50.1	50.6	51.1	51.6	52.2														
20	49.0	49.6	50.1	50.6	51.1														
25	47.5	48.2	48.8	49.3	49.8														
30	45.6	46.4	47.1	47.7	48.1														
35	43.5	44.3	45.1	45.8	45.9														
40	41.0	42.0	42.7	43.5	42.7														
45	38.0	39.3	40.0	40.6	39.5														
50	34.5	35.9	36.7	36.5	36.1														
55	30.4	31.7	32.4	31.8	32.6														
60	25.6	26.7	26.5	26.9	27.2														
65	20.0	20.4	20.8	21.9	20.3														
70	13.7	14.0	15.0	14.8	13.9														
75	7.27	7.90	7.99	8.17	6.80														
80	1.27	1.54	1.67	1.63	1.01														
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:2017-12-30

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: