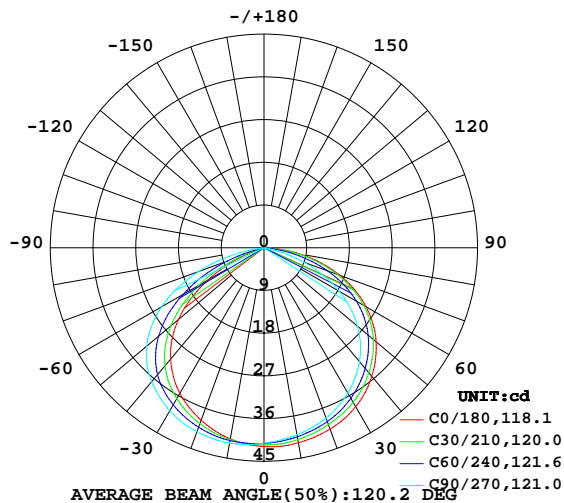


LUMINAIRE PHOTOMETRIC TEST REPORT

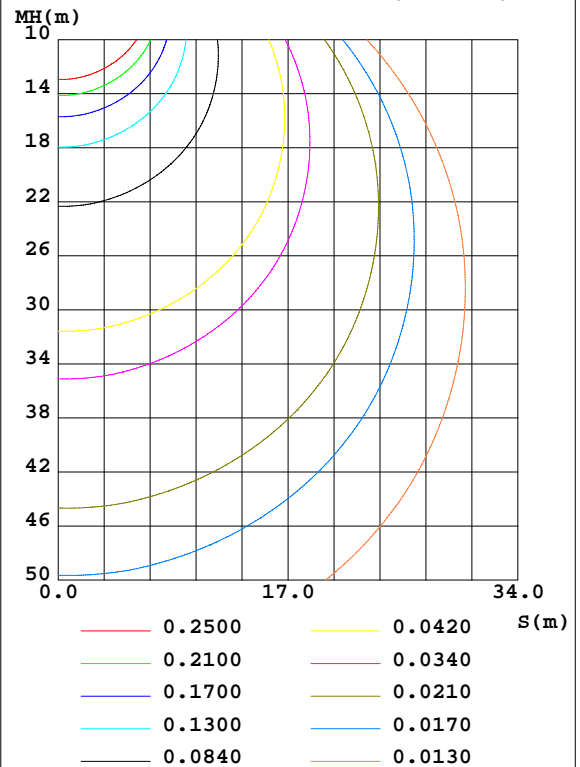
Test:U:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 19.85 lm/W			
MODEL	S103T50FC030B-12(WCP)	I _{max} (cd)	42.33	S/MH(C0/180)	1.26
NOMINAL POWER(W)	6.29	LOR(%)	100.0	S/MH(C90/270)	1.43
RATED VOLTAGE(V)	DC 12	TOTAL FLUX(lm)	125.66	η UP,DN(C0-180)	0.0,47.0
NOMINAL FLUX(lm)	125.659	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	12	η down(%)	100.0	CIBSE SHR MAX	1.50

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:2017-12-26

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:

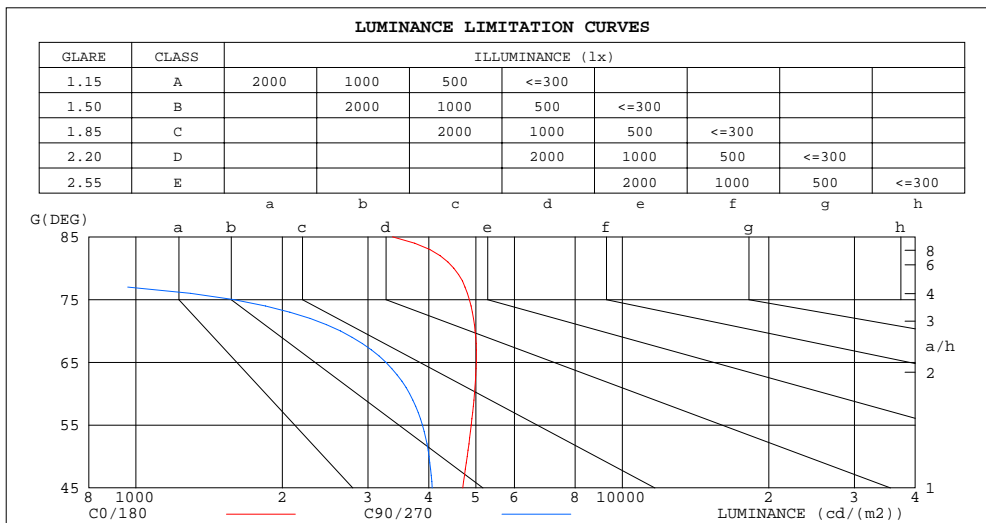
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	41.72	40.79	40.00	39.94	40.89	41.08	41.76	42.29	0- 10	3.938	3.938	3.13,3.13
20	40.66	39.43	38.20	37.52	38.69	39.71	41.27	42.01	10- 20	11.44	15.38	12.2,12.2
30	38.67	37.24	35.34	34.26	35.42	37.31	39.66	40.61	20- 30	17.82	33.19	26.4,26.4
40	35.33	34.06	31.30	29.61	30.61	33.46	36.80	38.06	30- 40	22.31	55.50	44.2,44.2
50	30.84	29.76	25.75	22.56	23.53	26.82	32.24	34.30	40- 50	24.02	79.52	63.3,63.3
60	24.83	23.91	18.27	13.03	13.71	17.16	24.90	28.85	50- 60	21.97	101.5	80.8,80.8
70	17.04	16.04	9.010	2.224	2.718	5.404	14.68	20.76	60- 70	15.66	117.1	93.2,93.2
80	7.822	6.567	0.0029	0	0	0	2.773	10.35	70- 80	7.142	124.3	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	1.369	125.7	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0000	125.7	100,100
110	0	0	0	0	0	0	0	0	100-110	0	125.7	100,100
120	0	0	0	0	0	0	0	0	110-120	0	125.7	100,100
130	0	0	0	0	0	0	0	0	120-130	0	125.7	100,100
140	0	0	0	0	0	0	0	0	130-140	0	125.7	100,100
150	0	0	0	0	0	0	0	0	140-150	0	125.7	100,100
160	0	0	0	0	0	0	0	0	150-160	0	125.7	100,100
170	0	0	0	0	0	0	0	0	160-170	0	125.7	100,100
180	0	0	0	0	0	0	0	0	170-180	0	125.7	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:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3368	0
80	4505	2
75	4848	1588
70	4982	2634
65	5010	3266
60	4965	3654
55	4890	3883
50	4798	4006
45	4699	4066

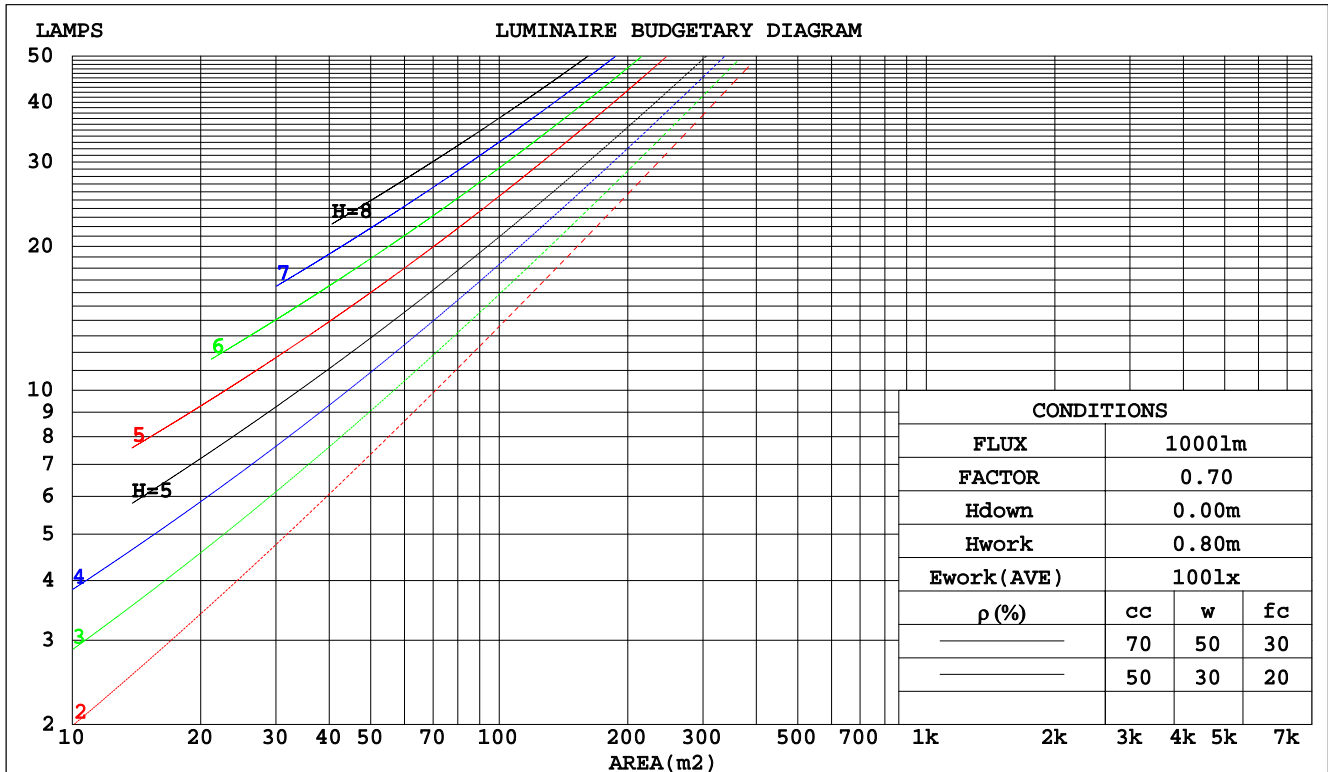
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
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	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.92	.89	.91	.88	.87	.85
2.0	.91	.84	.79	.89	.83	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.45	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
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	.298	.169	.054	.291	.166	.053	.277	.159	.051	.265	.153	.049	.254	.147	.047		
2.0	.285	.156	.048	.279	.154	.047	.267	.149	.046	.257	.144	.045	.247	.139	.044		
3.0	.266	.142	.042	.261	.140	.042	.251	.136	.041	.241	.132	.041	.232	.129	.040		
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.229	.117	.034	.225	.116	.034	.217	.113	.033	.209	.111	.033	.202	.108	.032		
6.0	.213	.107	.031	.210	.106	.030	.202	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.195	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.167	.086	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.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	.135	.154	.134	.116	.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	.140	.099	.065	.096	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.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	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.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:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:			
SPEC.:5050 030LED					DIM.: 1000*10*1MM			SERIAL No.:20171226006			
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	27.8	26.5	28.0	28.2	25.3	26.8	25.6	27.0	27.2	
	3H	28.1	29.5	28.4	29.8	30.0	26.5	28.0	26.8	28.2	28.4
	4H	28.9	30.2	29.2	30.5	30.8	26.8	28.2	27.1	28.4	28.7
	6H	29.5	30.8	29.8	31.0	31.3	26.8	28.1	27.1	28.3	28.6
	8H	29.7	30.9	30.0	31.2	31.5	26.7	28.0	27.1	28.2	28.5
	12H	29.8	30.9	30.1	31.2	31.5	26.7	27.9	27.0	28.2	28.5
4H	2H	26.9	28.2	27.2	28.5	28.8	26.2	27.6	26.5	27.8	28.1
	3H	29.0	30.1	29.3	30.4	30.7	27.7	28.9	28.1	29.2	29.5
	4H	29.9	31.0	30.3	31.3	31.6	28.1	29.2	28.5	29.5	29.8
	6H	30.6	31.6	31.0	31.9	32.3	28.2	29.1	28.6	29.5	29.9
	8H	30.9	31.7	31.3	32.1	32.5	28.2	29.0	28.6	29.4	29.8
	12H	31.0	31.8	31.4	32.2	32.6	28.1	28.9	28.6	29.3	29.7
8H	4H	30.1	31.0	30.6	31.4	31.8	28.6	29.5	29.0	29.9	30.2
	6H	31.0	31.7	31.5	32.1	32.6	28.9	29.6	29.3	30.0	30.4
	8H	31.3	32.0	31.8	32.4	32.9	28.8	29.5	29.3	29.9	30.3
	12H	31.6	32.1	32.0	32.5	33.0	28.8	29.3	29.3	29.8	30.3
12H	4H	30.1	30.9	30.6	31.3	31.7	28.7	29.5	29.1	29.9	30.3
	6H	31.0	31.7	31.5	32.1	32.6	29.0	29.6	29.4	30.0	30.5
	8H	31.4	31.9	31.9	32.4	32.9	29.0	29.5	29.5	30.0	30.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.3					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.5					
2.0H	+ 0.1 / - 0.3					+ 0.3 / - 0.7					

CIE Pub.117, 125.7 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -7.2$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

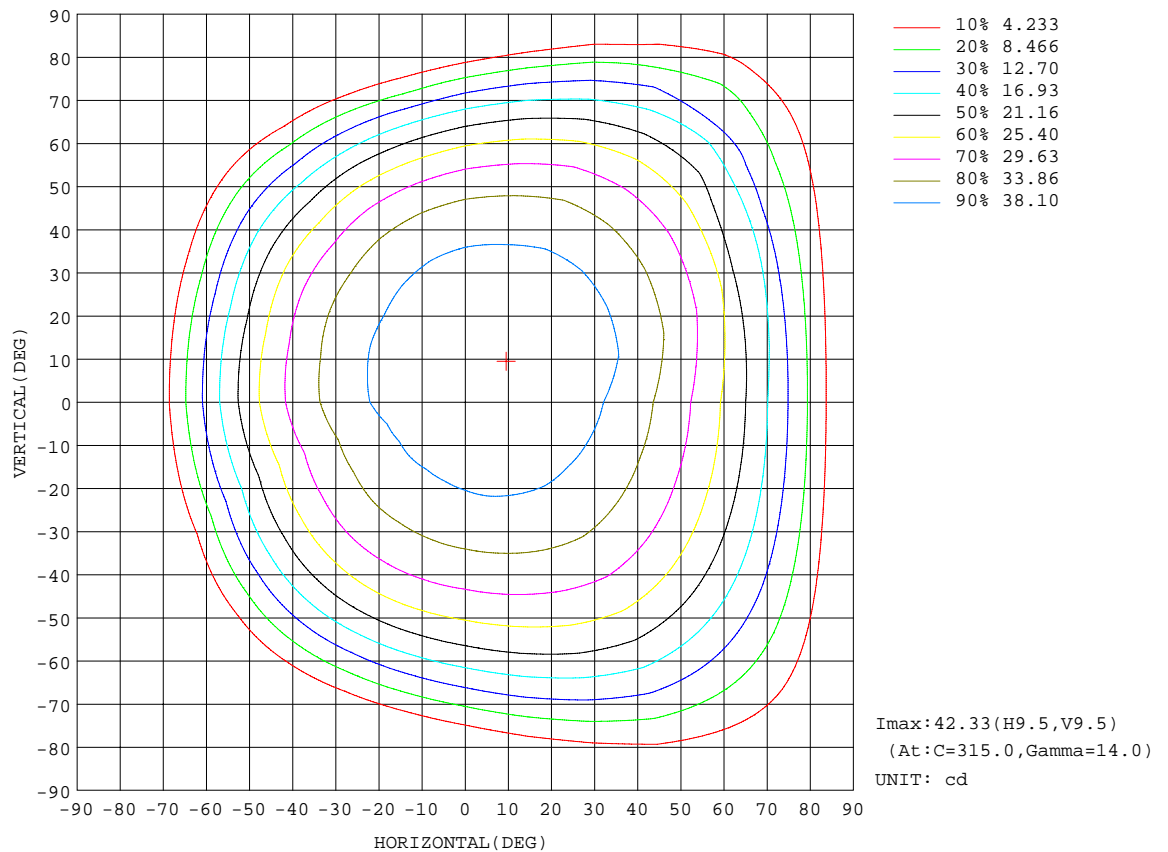
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	45	38	31
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
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	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	107	102	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:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



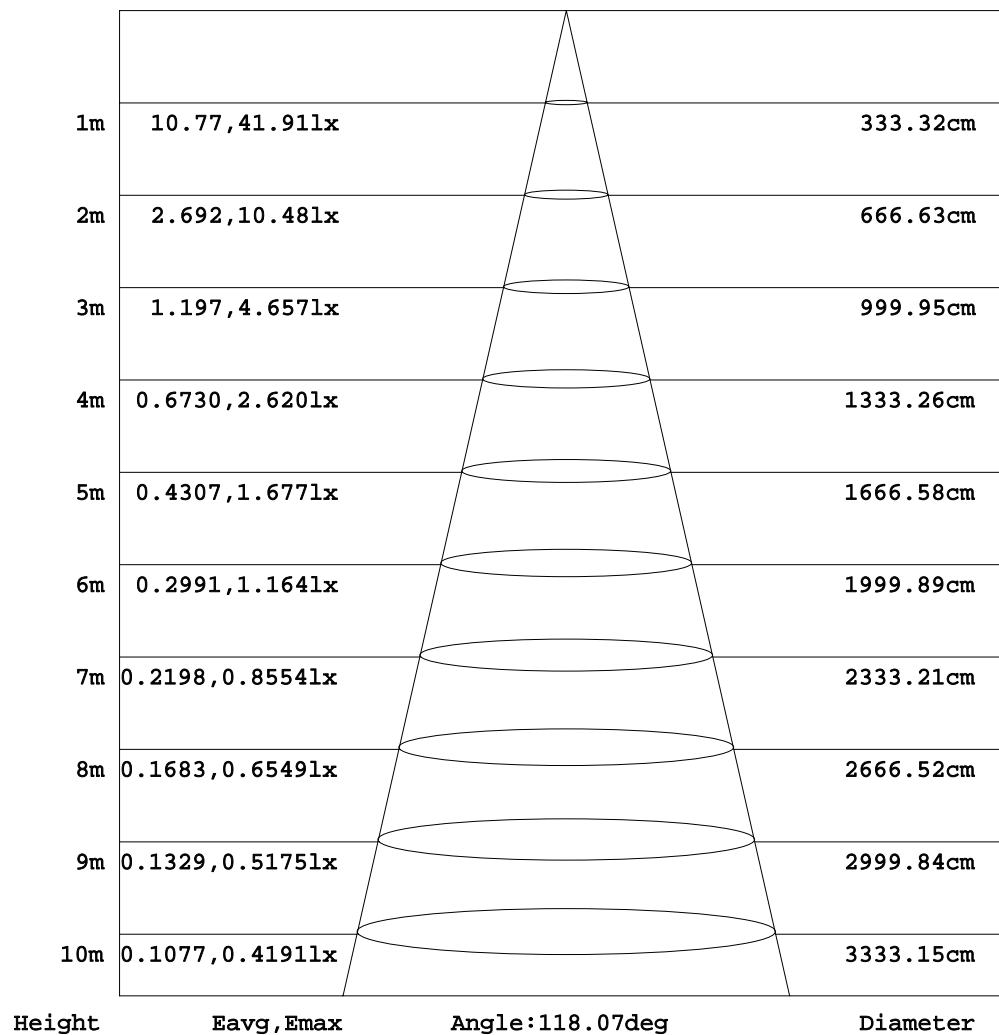
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:101.5 lm



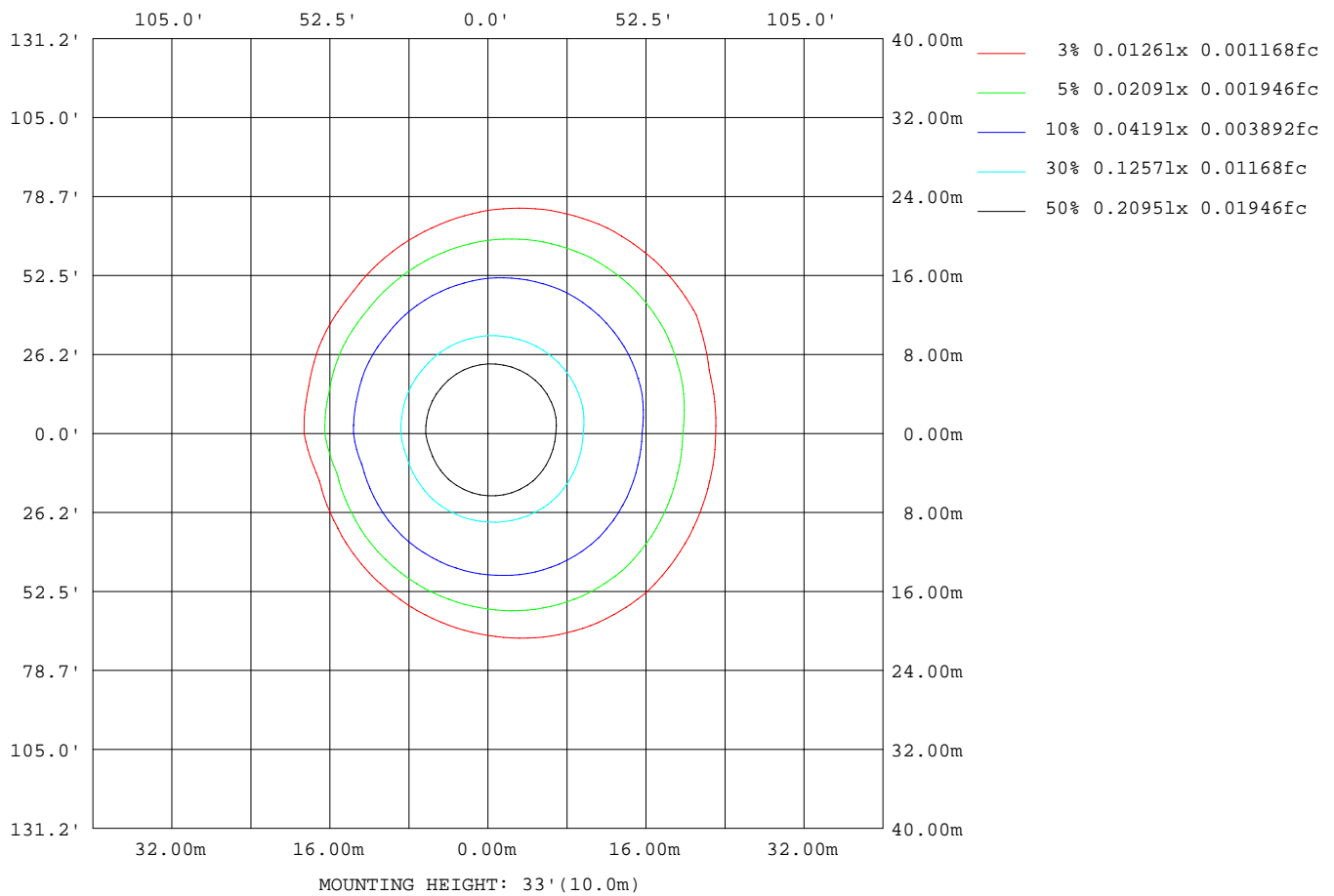
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
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:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

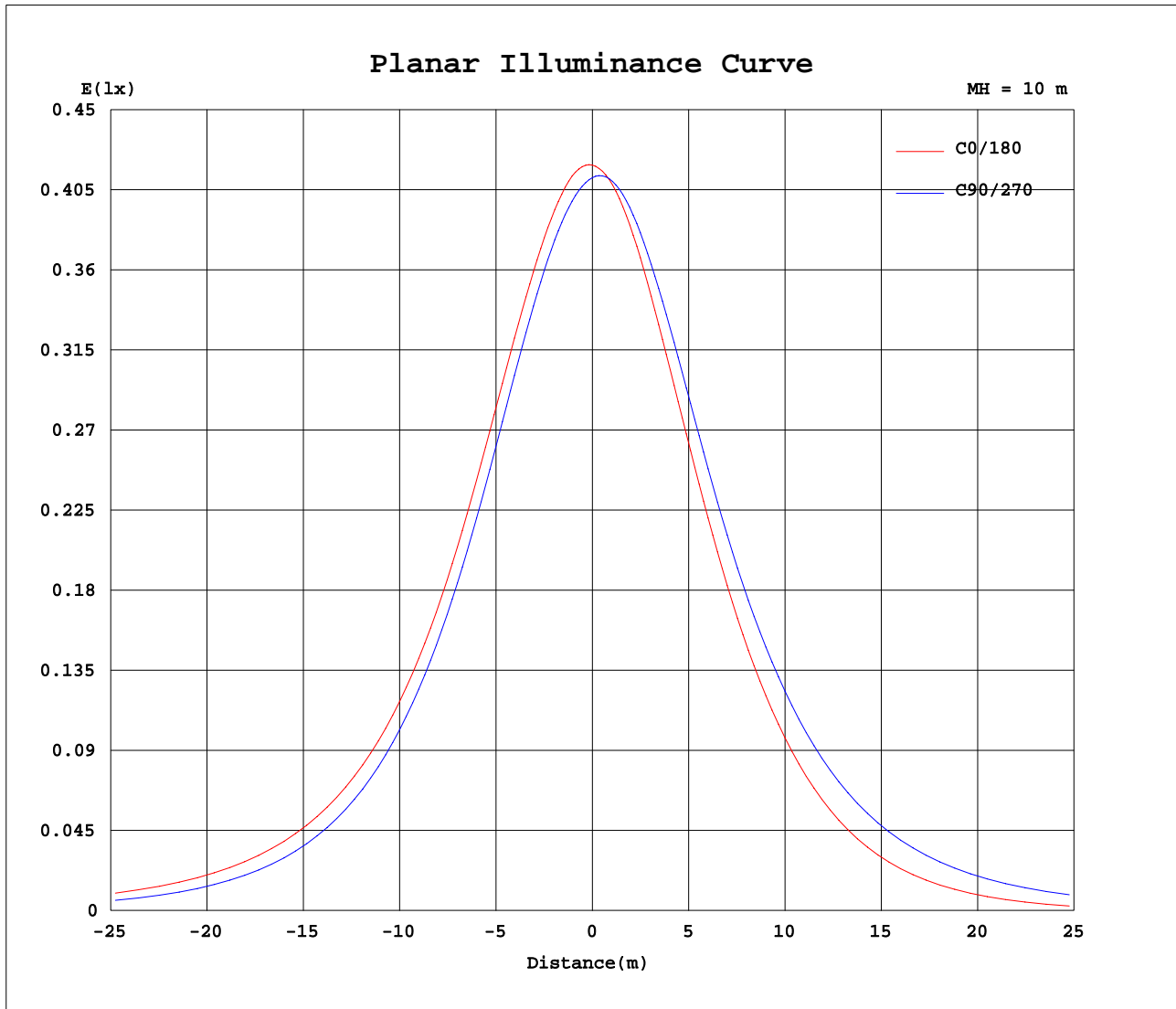
AvgL	cd/m2
L_0~180(65)av	3478
L_0~180(75)av	2424
L_0~180(85)av	1684
L_90~270(65)av	4011
L_90~270(75)av	2493
L_90~270(85)av	0
L_45(65)av	3816
L_45(75)av	2628
L_45(85)av	1749

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-12-26

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: 2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
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	41.9	41.7	41.5	41.4	41.2	41.2	41.2	41.2	41.3	41.6	41.6	41.8	41.9	41.7	41.5	41.4	41.2	41.2	41.2
5	42.0	41.7	41.5	41.2	40.9	40.8	40.6	40.6	40.6	40.9	40.9	41.2	41.6	41.5	41.4	41.4	41.3	41.5	41.6
10	41.7	41.4	41.0	40.8	40.4	40.2	40.0	39.8	39.8	39.9	40.0	40.3	40.9	40.9	41.0	41.1	41.2	41.5	41.8
15	41.3	40.8	40.4	40.2	39.8	39.5	39.2	38.9	38.8	38.8	38.8	39.1	39.9	40.1	40.4	40.5	40.9	41.3	41.6
20	40.7	40.2	39.6	39.4	39.0	38.7	38.2	37.8	37.6	37.5	37.4	37.7	38.7	39.0	39.4	39.7	40.2	40.8	41.3
25	39.8	39.3	38.7	38.4	37.9	37.5	36.9	36.5	36.1	36.0	35.9	36.1	37.2	37.7	38.2	38.7	39.4	40.0	40.6
30	38.7	38.1	37.6	37.2	36.6	36.0	35.3	34.8	34.5	34.3	34.0	34.1	35.4	35.9	36.7	37.3	38.2	39.0	39.7
35	37.2	36.6	36.1	35.8	35.0	34.2	33.5	32.9	32.4	32.2	31.8	31.7	33.2	33.8	34.8	35.7	36.8	37.7	38.4
40	35.3	34.7	34.4	34.1	33.2	32.3	31.3	30.7	30.1	29.6	29.0	28.9	30.6	31.2	32.5	33.5	34.9	36.0	36.8
45	33.2	32.7	32.4	32.0	31.1	29.9	28.8	27.9	27.2	26.4	25.7	25.5	27.4	28.0	29.4	30.5	32.3	33.7	34.9
50	30.8	30.3	30.1	29.8	28.6	27.2	25.7	24.6	23.6	22.6	21.6	21.3	23.5	24.0	25.6	26.8	29.0	30.7	32.2
55	28.0	27.6	27.4	27.1	25.8	24.1	22.3	20.7	19.3	18.1	17.0	16.4	18.9	19.4	21.0	22.3	24.8	26.9	28.9
60	24.8	24.4	24.2	23.9	22.5	20.5	18.3	16.3	14.5	13.0	11.7	11.1	13.7	14.2	15.8	17.2	19.8	22.4	24.9
65	21.2	20.8	20.6	20.2	18.6	16.4	13.8	11.5	9.30	7.66	6.20	5.63	8.22	8.63	10.2	11.4	14.2	17.1	20.1
70	17.0	16.8	16.4	16.0	14.2	11.8	9.01	6.42	4.05	2.22	0.82	0.34	2.72	3.01	4.35	5.40	8.24	11.0	14.7
75	12.5	12.3	11.9	11.4	9.51	7.03	4.11	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.19	5.18	8.79
80	7.82	7.63	7.10	6.57	4.66	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77
85	2.94	2.82	2.30	1.80	0.01	0.00	0.00	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:2017-12-26

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:12.01V I:0.5272A P:6.331W PF:1.0000 Freq:0Hz Lamp Flux:125.659x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:
SPEC.:5050 030LED	DIM.: 1000*10*1MM	SERIAL No.:20171226006
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	41.2	41.3	41.6	41.6	41.8														
5	41.7	41.9	42.1	42.1	42.1														
10	41.9	42.1	42.3	42.2	42.2														
15	41.9	42.1	42.3	42.2	42.0														
20	41.6	41.8	42.0	41.8	41.5														
25	41.0	41.3	41.5	41.3	40.9														
30	40.0	40.5	40.6	40.4	39.9														
35	38.8	39.3	39.5	39.3	38.7														
40	37.3	38.0	38.1	37.7	37.1														
45	35.6	36.3	36.3	36.0	35.2														
50	33.3	34.3	34.3	33.9	33.0														
55	30.4	31.8	31.8	31.5	30.5														
60	26.9	28.4	28.8	28.5	27.5														
65	22.6	24.4	25.2	24.9	22.9														
70	17.6	19.8	20.8	20.7	19.0														
75	12.0	14.5	15.8	16.0	13.0														
80	6.07	8.83	10.3	10.9	8.35														
85	0.31	1.85	4.30	4.72	3.34														
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:2017-12-26

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: