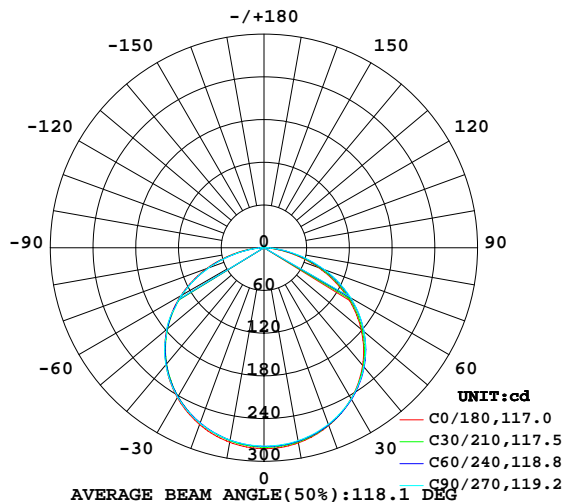


LUMINAIRE PHOTOMETRIC TEST REPORT

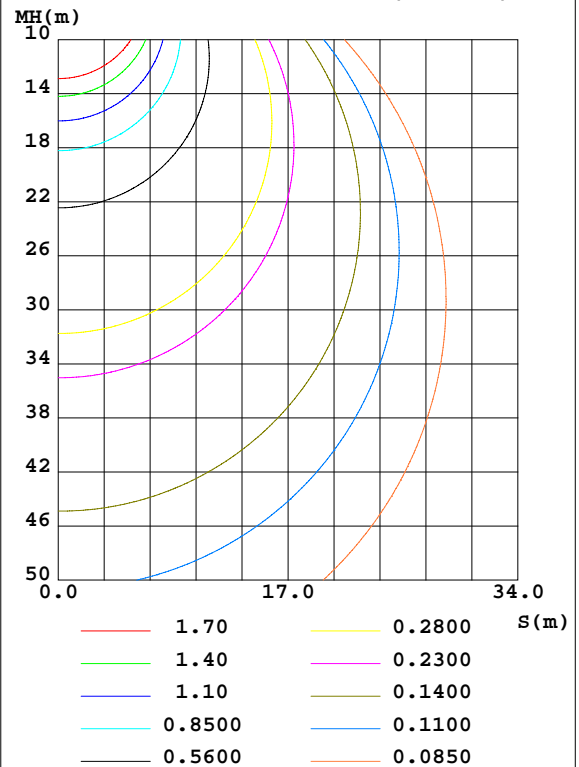
Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.64 lm/W			
MODEL	24(WCP)-HR-3S-ME-N	Imax(cd)	282.2	S/MH(C0/180)	1.28
NOMINAL POWER(W)	6.83	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	856.13	η UP,DN(C0-180)	0.7,50.0
NOMINAL FLUX(lm)	856.127	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,48.5
LAMPS INSIDE	1	η up(%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	98.6	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:2018-04-26

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

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

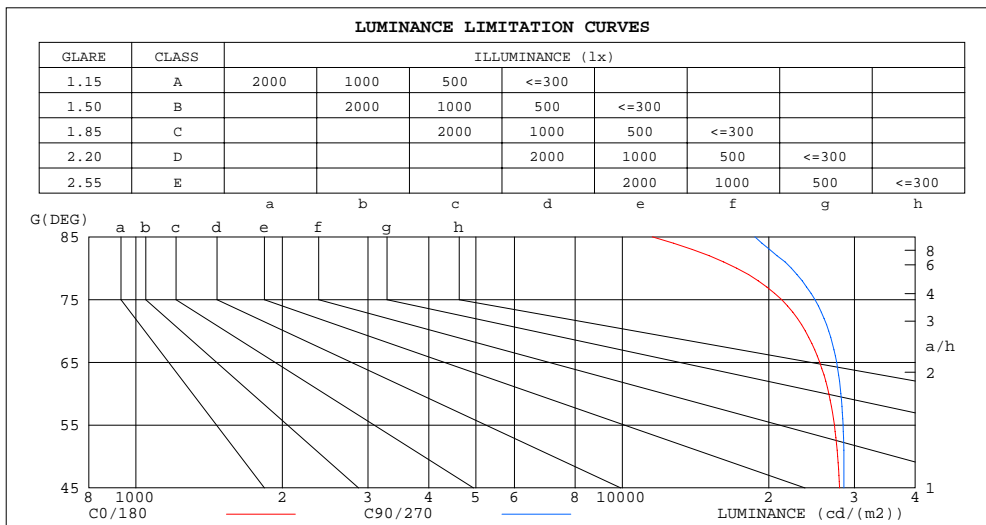
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	278.3	276.8	275.1	276.2	277.4	274.9	274.3	276.7	0- 10	26.42	26.42	3.09,3.09
20	265.7	265.4	263.9	263.9	264.3	261.9	262.3	261.2	10- 20	76.25	102.7	12,12
30	244.8	245.9	245.0	243.8	243.2	241.1	242.4	237.4	20- 30	117.0	219.7	25.7,25.7
40	215.5	218.2	218.2	215.9	214.3	212.6	214.6	205.4	30- 40	143.7	363.4	42.5,42.5
50	178.1	182.1	183.5	180.7	178.1	176.3	178.6	167.6	40- 50	152.3	515.8	60.2,60.2
60	132.9	137.9	140.7	137.9	134.8	132.6	134.7	128.7	50- 60	140.7	656.5	76.7,76.7
70	81.34	87.08	90.86	88.42	85.73	82.98	83.13	83.10	60- 70	109.0	765.5	89.4,89.4
80	29.82	34.97	38.65	37.45	35.73	32.27	30.88	31.50	70- 80	62.19	827.6	96.7,96.7
90	1.264	2.234	1.913	3.357	2.894	2.380	1.356	1.653	80- 90	16.29	843.9	98.6,98.6
100	0.9557	0.9804	1.081	1.167	1.328	1.087	1.084	1.298	90-100	1.531	845.5	98.8,98.8
110	1.267	1.302	1.363	1.463	1.308	1.477	1.449	1.433	100-110	1.317	846.8	98.9,98.9
120	1.614	1.636	1.704	1.810	1.660	1.738	1.820	1.805	110-120	1.571	848.3	99.1,99.1
130	1.969	1.998	2.070	2.141	2.012	2.096	2.182	2.181	120-130	1.737	850.1	99.3,99.3
140	2.332	2.367	2.426	2.436	2.370	2.446	2.543	2.544	130-140	1.779	851.9	99.5,99.5
150	2.675	2.711	2.819	2.780	2.712	2.766	2.877	2.874	140-150	1.660	853.5	99.7,99.7
160	3.007	3.012	3.101	3.110	3.037	3.051	3.159	3.142	150-160	1.370	854.9	99.9,99.9
170	3.280	3.261	3.325	3.389	3.298	3.279	3.376	3.341	160-170	0.9116	855.8	100,100
180	3.429	3.399	3.462	3.506	3.430	3.398	3.471	3.513	170-180	0.3239	856.1	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:2018-04-26

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

LUMINANCE LIMITATION CURVES

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11520	18725
80	17173	22257
75	21248	24874
70	23783	26565
65	25462	27580
60	26584	28142
55	27286	28430
50	27714	28540
45	27965	28541

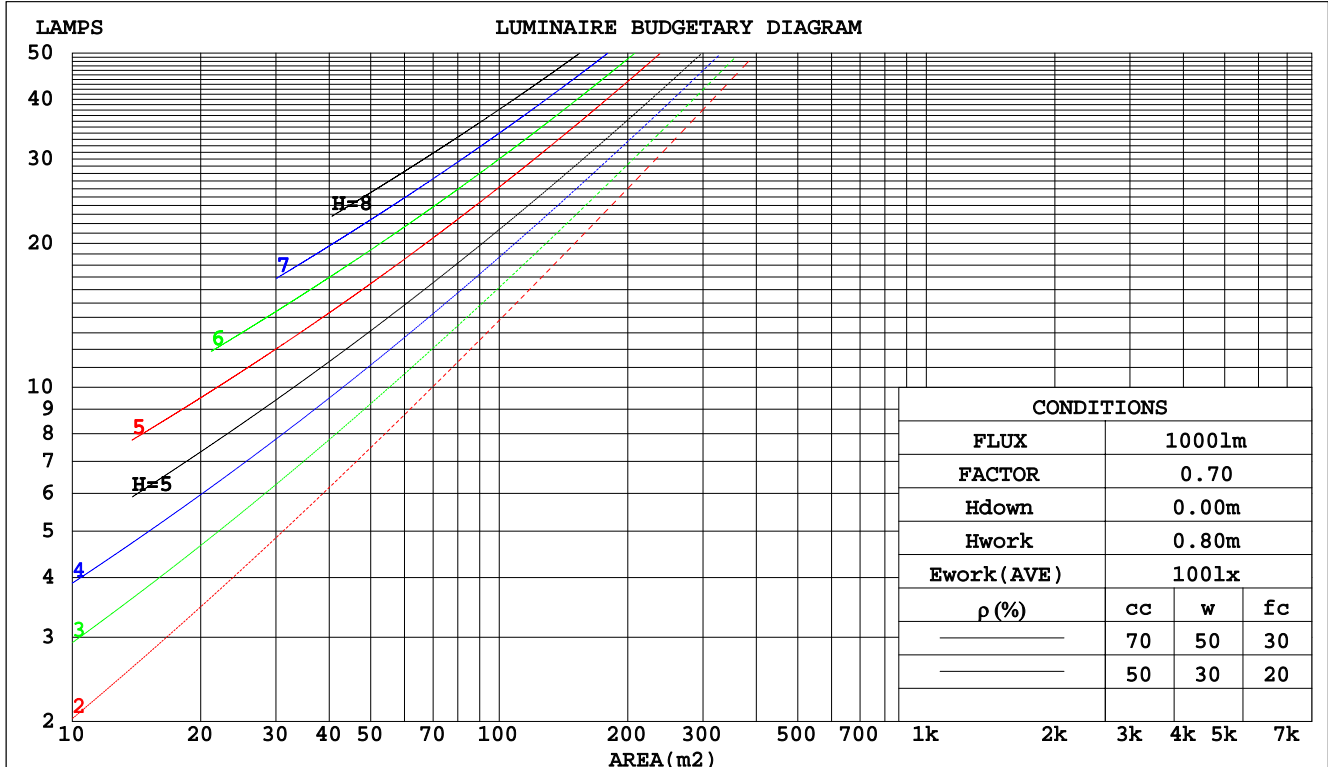
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
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	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.54	.68	.60	.53	.65	.58	.52	.63	.56	.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	.46	.40	.54	.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	.35	.31	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

WEC AND CCEC

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
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	.314	.179	.057	.306	.175	.056	.292	.168	.054	.279	.161	.052	.267	.155	.050		
2.0	.295	.162	.050	.289	.159	.049	.276	.154	.048	.265	.149	.046	.254	.144	.045		
3.0	.273	.145	.044	.267	.143	.043	.256	.139	.042	.246	.135	.041	.236	.131	.041		
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.037	.228	.122	.037	.219	.119	.036		
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033		
6.0	.216	.108	.031	.211	.107	.031	.204	.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	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.192	.167	.145	.164	.143	.125	.112	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.184	.143	.109	.157	.123	.094	.108	.085	.065	.062	.050	.038	.020	.016	.013	
3.0	.176	.125	.085	.151	.108	.074	.104	.075	.052	.060	.044	.030	.019	.014	.010	
4.0	.169	.112	.069	.145	.097	.060	.100	.068	.042	.058	.040	.025	.019	.013	.008	
5.0	.161	.102	.058	.138	.088	.050	.095	.062	.036	.055	.036	.021	.018	.012	.007	
6.0	.154	.094	.050	.132	.081	.044	.091	.057	.031	.053	.033	.018	.017	.011	.006	
7.0	.147	.087	.044	.127	.075	.039	.088	.053	.027	.051	.031	.016	.016	.010	.005	
8.0	.141	.081	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.076	.036	.116	.066	.032	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.129	.072	.034	.111	.062	.029	.077	.044	.021	.045	.026	.012	.015	.009	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

UGR(Unified Glare Rating) Table

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:3030 070LED					DIM.: 1000*10*1MM			SERIAL No.:20180426007			
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	25.2	26.7	26.9	25.2	26.7	25.5	26.9	27.2	
	3H	26.5	27.9	26.8	28.1	28.4	26.8	28.2	27.2	28.5	28.8
	4H	27.0	28.4	27.4	28.6	28.9	27.5	28.8	27.8	29.1	29.4
	6H	27.4	28.6	27.7	28.9	29.2	28.0	29.2	28.3	29.5	29.8
	8H	27.4	28.6	27.8	29.0	29.3	28.1	29.3	28.5	29.6	29.9
	12H	27.5	28.6	27.8	28.9	29.3	28.2	29.3	28.5	29.7	30.0
4H	2H	25.6	27.0	26.0	27.2	27.5	25.8	27.1	26.1	27.4	27.7
	3H	27.3	28.5	27.7	28.8	29.1	27.6	28.8	28.0	29.1	29.4
	4H	28.0	29.0	28.4	29.4	29.8	28.4	29.5	28.8	29.8	30.2
	6H	28.4	29.4	28.8	29.8	30.1	29.0	29.9	29.4	30.3	30.7
	8H	28.5	29.4	29.0	29.8	30.2	29.2	30.1	29.6	30.5	30.9
	12H	28.6	29.4	29.0	29.8	30.3	29.3	30.1	29.8	30.5	31.0
8H	4H	28.3	29.1	28.7	29.5	29.9	28.6	29.5	29.1	29.9	30.3
	6H	28.8	29.6	29.3	30.0	30.5	29.4	30.1	29.8	30.5	31.0
	8H	29.0	29.7	29.5	30.1	30.6	29.6	30.3	30.1	30.7	31.2
	12H	29.1	29.7	29.6	30.2	30.7	29.8	30.4	30.3	30.9	31.4
12H	4H	28.3	29.1	28.7	29.5	29.9	28.6	29.4	29.1	29.9	30.3
	6H	28.9	29.6	29.4	30.0	30.5	29.4	30.1	29.9	30.5	31.0
	8H	29.1	29.7	29.6	30.2	30.7	29.7	30.3	30.2	30.7	31.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117, 856.1 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.5$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

UTILIZATION FACTORS TABLE

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

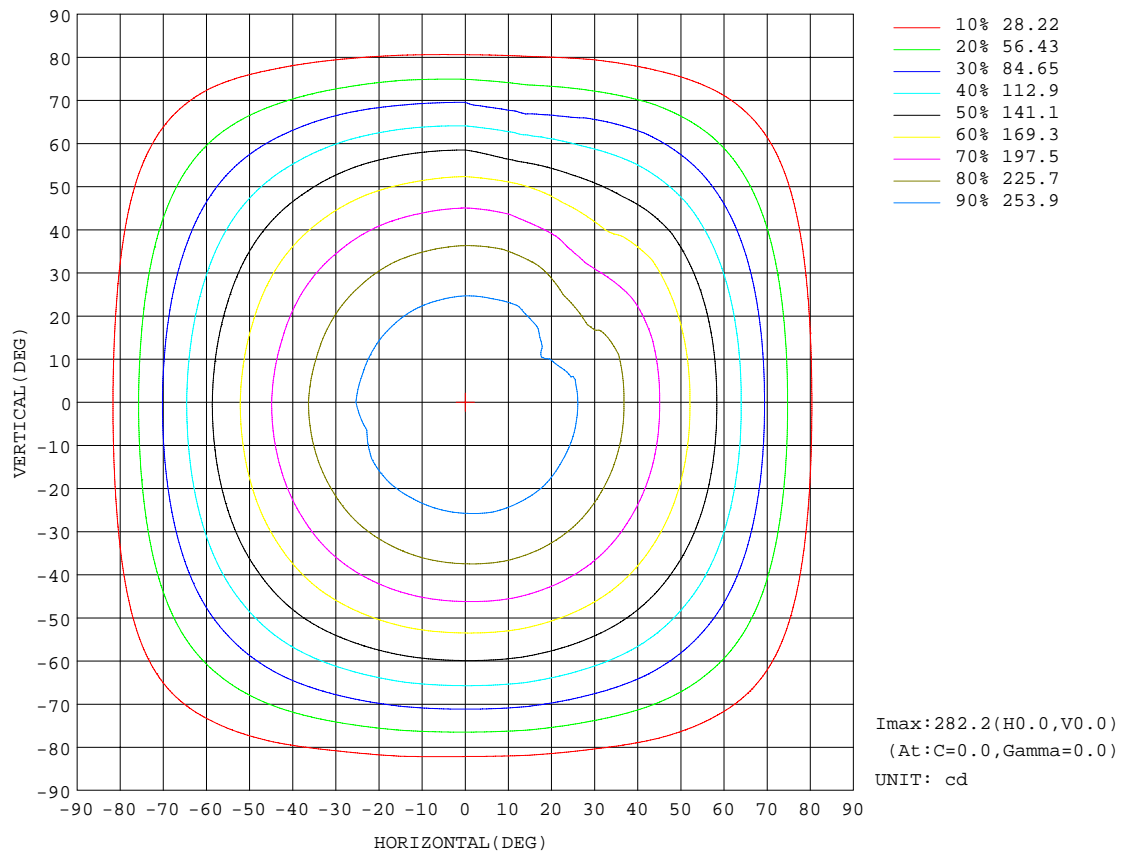
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	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	101	94	89	99	93	88	95	90	85	76
4.00	106	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	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:2018-04-26

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

ISOCANDELA DIAGRAM

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



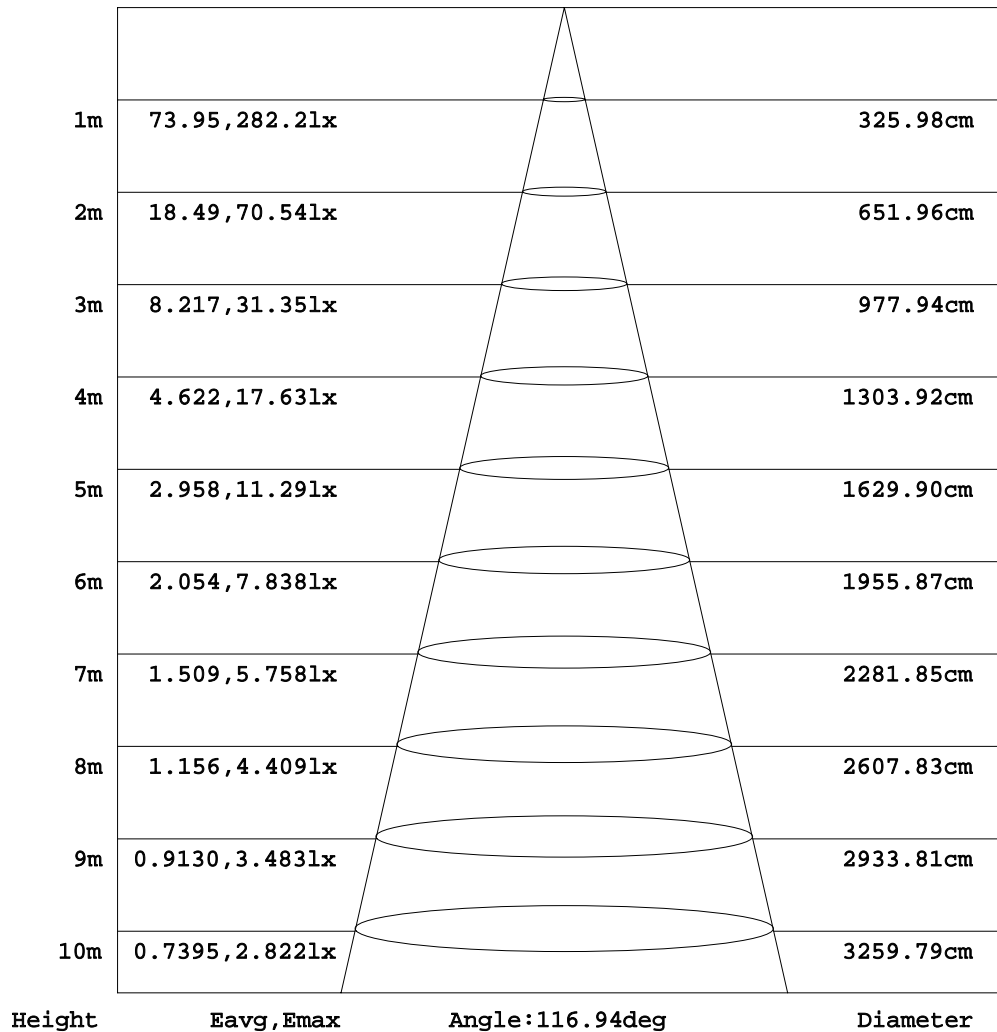
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

AAI Figure

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:643.5 lm



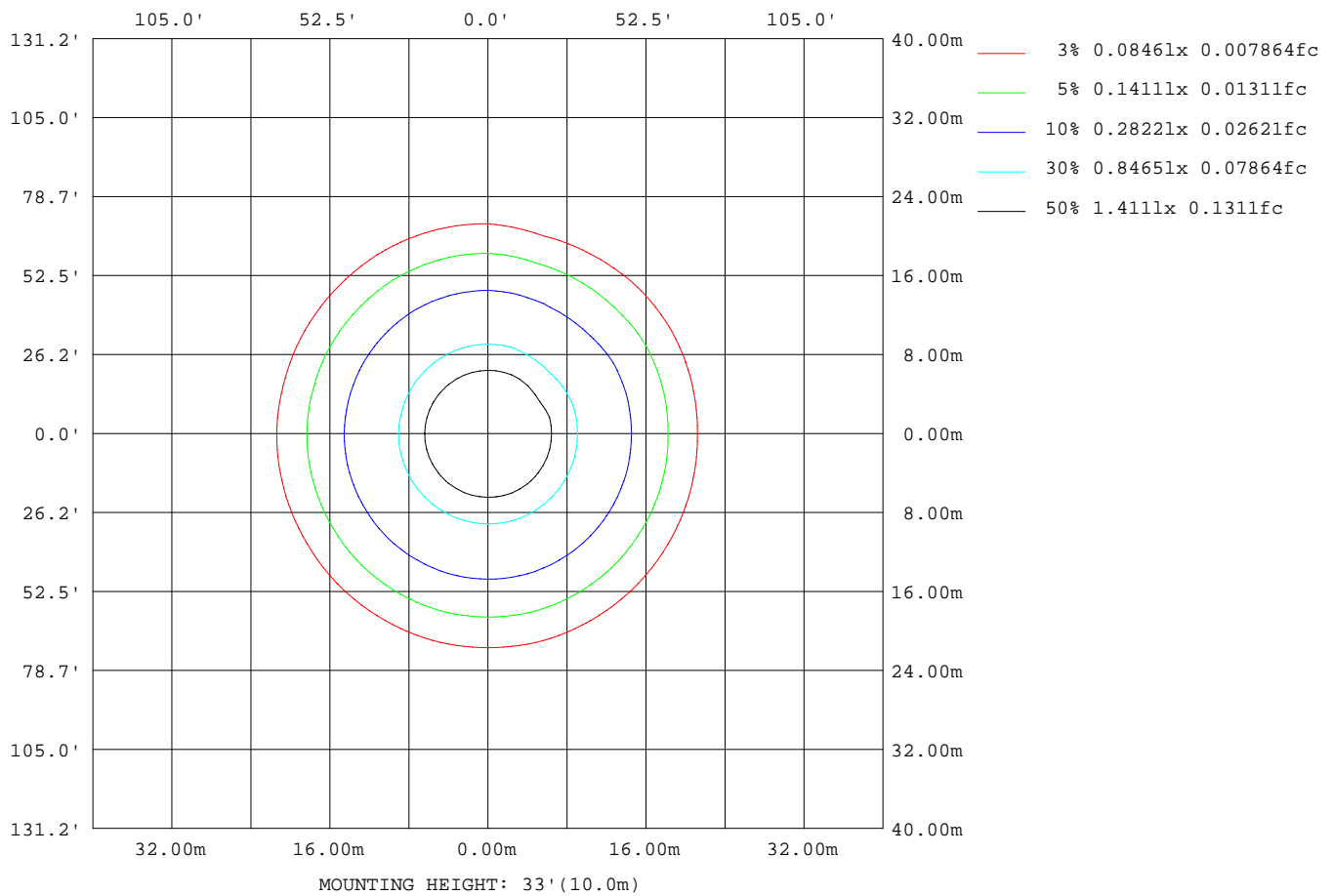
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

ISOLUX DIAGRAM

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
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:2018-04-26

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

LED Avg.L Report

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

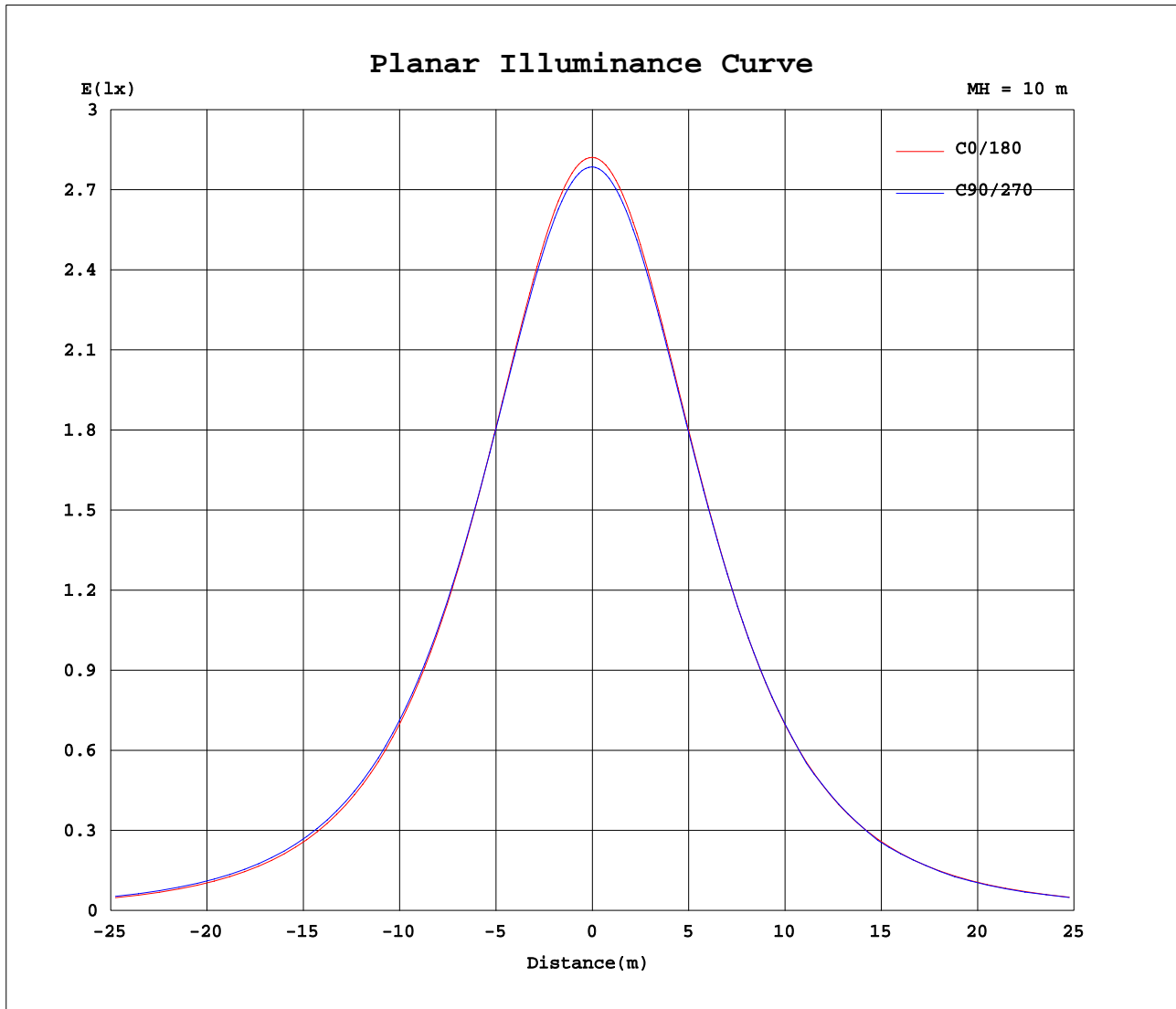
AvgL	cd/m2
L_0~180(65)av	25840
L_0~180(75)av	22250
L_0~180(85)av	14379
L_90~270(65)av	26610
L_90~270(75)av	23207
L_90~270(85)av	15649
L_45(65)av	26203
L_45(75)av	22827
L_45(85)av	15612

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-04-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.706m [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: 2018-04-26

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
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	282	281	280	280	279	279	279	278	279	280	277	270	282	281	280	280	279	279	279
5	281	280	280	279	278	278	278	278	278	279	279	271	281	280	279	278	278	277	277
10	278	278	277	277	276	276	275	275	275	276	276	266	277	276	275	275	274	274	274
15	273	273	272	272	271	271	270	270	270	271	271	264	272	270	270	269	269	269	269
20	266	265	265	265	265	265	264	263	263	264	264	257	264	263	262	262	262	262	262
25	256	256	256	257	256	256	255	255	255	255	254	251	255	253	253	252	253	253	253
30	245	245	245	246	246	246	245	244	244	244	243	243	243	242	241	241	242	242	242
35	231	232	232	233	233	234	233	232	231	231	230	230	230	228	228	228	229	229	229
40	215	216	217	218	219	219	218	218	217	216	215	214	214	213	213	213	213	214	215
45	198	199	200	201	202	203	202	201	200	199	198	197	197	195	196	195	196	197	198
50	178	179	180	182	183	184	183	183	182	181	179	178	178	176	177	176	177	178	179
55	157	158	159	161	163	164	163	163	161	160	158	158	157	155	156	155	157	155	156
60	133	134	136	138	140	141	141	140	139	138	136	135	135	133	133	133	134	134	135
65	108	109	111	113	115	117	117	117	115	114	112	111	111	109	109	108	109	109	108
70	81.3	83.1	84.6	87.1	88.7	90.9	90.9	90.9	89.5	88.4	86.6	85.9	85.7	84.0	83.7	83.0	83.5	83.1	83.1
75	55.0	56.8	58.0	60.5	61.9	64.4	64.4	64.6	63.4	62.6	60.9	60.4	60.2	58.6	57.6	56.7	56.5	57.2	55.7
80	29.8	31.7	32.9	35.0	36.3	38.4	38.6	39.2	37.9	37.5	36.1	35.9	35.7	34.3	32.9	32.3	31.7	31.9	30.9
85	10.0	11.4	12.2	14.2	14.9	16.4	16.3	17.4	16.2	16.2	15.4	15.2	15.0	13.7	13.6	12.8	12.4	11.6	11.0
90	1.26	1.49	1.77	2.23	2.66	3.24	1.91	3.77	3.33	3.36	3.18	3.12	2.89	2.66	2.65	2.38	2.33	2.11	1.36
95	1.04	1.06	1.05	0.97	0.99	1.08	1.15	1.23	1.31	1.68	1.93	1.88	1.60	1.61	1.63	1.47	1.20	1.09	1.04
100	0.96	0.96	0.96	0.98	1.00	1.05	1.08	1.10	1.11	1.17	1.36	1.50	1.33	1.26	1.15	1.09	1.16	1.10	1.08
105	1.10	1.10	1.10	1.12	1.15	1.19	1.21	1.21	1.24	1.29	1.41	1.40	1.14	1.14	1.16	1.29	1.32	1.26	1.26
110	1.27	1.27	1.27	1.30	1.32	1.37	1.36	1.36	1.41	1.46	1.57	1.63	1.31	1.31	1.33	1.48	1.44	1.44	1.45
115	1.44	1.44	1.45	1.48	1.50	1.52	1.52	1.54	1.58	1.64	1.74	1.82	1.49	1.49	1.52	1.56	1.62	1.62	1.64
120	1.61	1.62	1.62	1.64	1.65	1.68	1.70	1.72	1.74	1.81	1.92	2.01	1.66	1.67	1.69	1.74	1.80	1.81	1.82
125	1.79	1.79	1.80	1.81	1.83	1.86	1.89	1.90	1.89	1.97	2.10	2.20	1.84	1.84	1.87	1.92	1.98	1.99	2.00
130	1.97	1.97	1.98	2.00	2.01	2.05	2.07	2.11	2.07	2.14	2.30	2.38	2.01	2.02	2.06	2.10	2.15	2.17	2.18
135	2.15	2.17	2.17	2.18	2.20	2.23	2.25	2.32	2.26	2.28	2.49	2.56	2.19	2.20	2.24	2.27	2.32	2.34	2.36
140	2.33	2.35	2.35	2.37	2.37	2.41	2.43	2.51	2.44	2.44	2.63	2.71	2.37	2.38	2.41	2.45	2.49	2.51	2.54
145	2.51	2.54	2.53	2.54	2.55	2.58	2.62	2.68	2.61	2.60	2.75	2.89	2.54	2.55	2.58	2.61	2.64	2.68	2.72
150	2.68	2.71	2.70	2.71	2.74	2.79	2.82	2.84	2.81	2.78	2.84	3.07	2.71	2.71	2.74	2.77	2.80	2.83	2.88
155	2.84	2.87	2.86	2.87	2.90	2.94	2.97	2.99	2.98	2.94	2.95	3.24	2.88	2.87	2.89	2.91	2.95	2.97	3.03
160	3.01	3.02	3.00	3.01	3.05	3.09	3.10	3.12	3.12	3.11	3.08	3.34	3.04	3.01	3.04	3.05	3.09	3.11	3.16
165	3.16	3.16	3.13	3.15	3.18	3.22	3.22	3.24	3.25	3.27	3.25	3.40	3.18	3.15	3.17	3.17	3.20	3.24	3.27
170	3.28	3.27	3.25	3.26	3.28	3.33	3.33	3.34	3.35	3.39	3.40	3.44	3.30	3.26	3.28	3.28	3.31	3.35	3.38
175	3.37	3.37	3.34	3.35	3.36	3.43	3.41	3.42	3.43	3.48	3.57	3.53	3.39	3.36	3.37	3.36	3.38	3.43	3.44
180	3.43	3.42	3.40	3.40	3.42	3.47	3.46	3.46	3.47	3.51	3.62	3.58	3.43	3.41	3.41	3.40	3.41	3.48	3.47

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.2838A P:6.814W PF:1.0000 Freq:0Hz Lamp Flux:856.127x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:3030 070LED	DIM.: 1000*10*1MM	SERIAL No.:20180426007
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	278	279	280	277	270														
5	277	278	280	276	266														
10	274	275	277	271	264														
15	269	271	272	265	266														
20	262	264	261	255	263														
25	253	255	250	245	253														
30	243	244	237	230	245														
35	230	228	221	223	232														
40	215	206	205	213	216														
45	196	189	186	196	199														
50	177	171	168	179	179														
55	151	148	151	158	157														
60	126	125	129	135	134														
65	99.9	103	107	109	109														
70	67.6	79.5	83.1	83.3	82.4														
75	51.4	53.8	56.6	56.7	55.9														
80	30.7	32.0	31.5	31.4	30.8														
85	11.0	11.7	11.2	11.4	10.8														
90	1.78	1.76	1.65	1.63	1.62														
95	1.03	1.01	1.14	1.28	1.40														
100	1.09	1.09	1.30	1.18	1.30														
105	1.26	1.25	1.28	1.32	1.48														
110	1.43	1.42	1.43	1.51	1.68														
115	1.60	1.60	1.62	1.70	1.88														
120	1.79	1.78	1.80	1.89	2.07														
125	1.97	1.97	1.99	2.07	2.25														
130	2.16	2.15	2.18	2.26	2.42														
135	2.35	2.33	2.37	2.44	2.62														
140	2.53	2.51	2.54	2.63	2.80														
145	2.70	2.69	2.72	2.81	2.98														
150	2.86	2.85	2.87	2.98	3.14														
155	3.01	3.00	3.01	3.13	3.28														
160	3.14	3.13	3.14	3.25	3.37														
165	3.25	3.24	3.26	3.36	3.43														
170	3.34	3.35	3.34	3.42	3.48														
175	3.42	3.43	3.46	3.55	3.52														
180	3.47	3.47	3.51	3.60	3.61														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-04-26

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