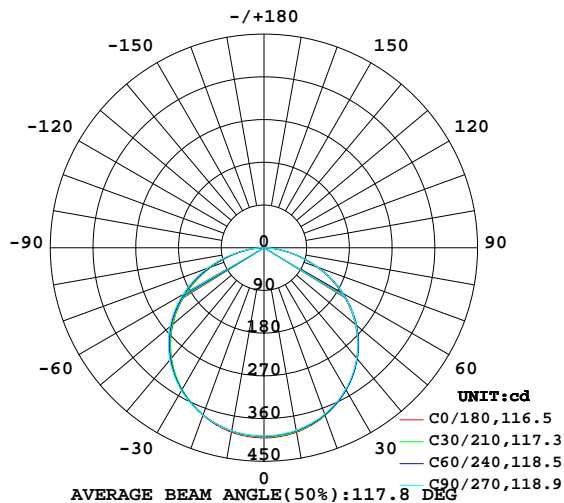


LUMINAIRE PHOTOMETRIC TEST REPORT

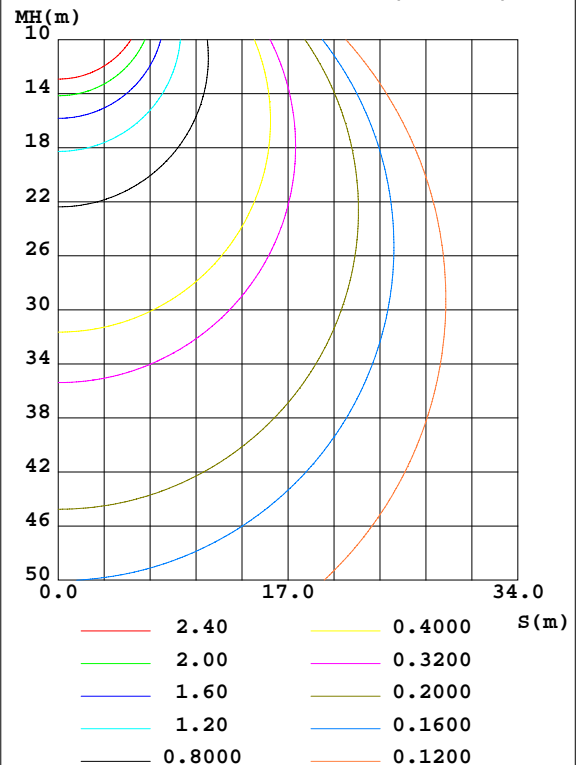
Test:U:24.00V I:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.82 lm/W			
WW-FLS102T21WS140B-24(WCP)-UR-ME-DTW		Imax(cd)	400.6	S/MH(C0/180)	1.28
NOMINAL POWER(W)	13.99	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	1221.5	η UP,DN(C0-180)	0.7,48.9
NOMINAL FLUX(lm)	1221.52	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,49.7
LAMPS INSIDE	1	η up(%)	1.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	DC 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:2019-04-18

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:

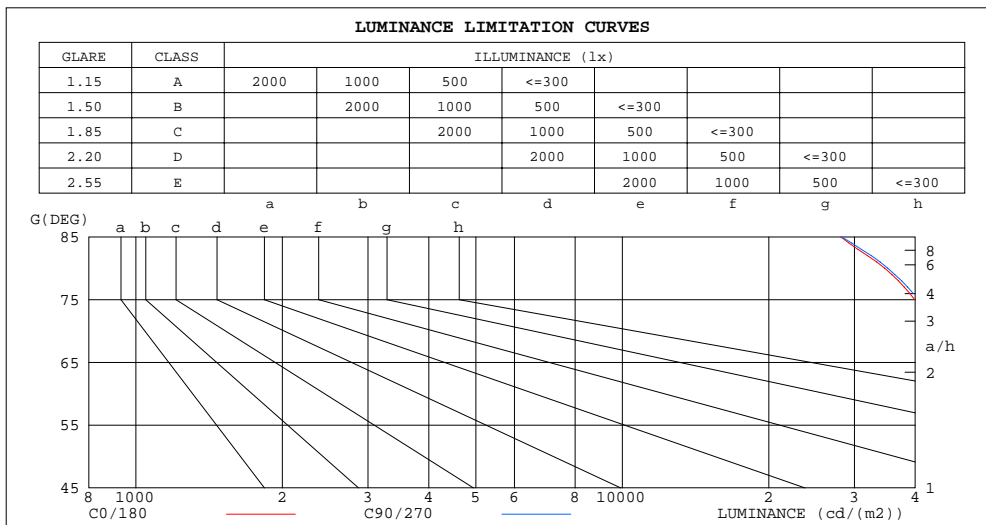
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	394.6	392.5	390.4	392.3	394.6	392.1	391.6	394.1	0- 10	37.74	37.74	3.09,3.09
20	376.1	375.1	373.0	373.9	375.9	374.4	375.3	377.5	10- 20	108.8	146.5	12,12
30	345.7	346.0	344.2	343.8	345.3	345.2	347.6	348.7	20- 30	166.8	313.3	25.7,25.7
40	303.9	305.4	304.2	302.4	303.3	304.6	308.7	308.4	30- 40	204.5	517.8	42.4,42.4
50	251.4	254.0	253.2	250.5	250.6	253.1	258.5	257.4	40- 50	216.5	734.3	60.1,60.1
60	189.0	192.2	191.5	188.4	188.3	191.4	197.6	196.0	50- 60	200.0	934.3	76.5,76.5
70	118.9	121.8	120.9	117.6	118.1	121.2	127.5	123.2	60- 70	155.5	1090	89.2,89.2
80	48.10	50.22	48.81	46.42	47.70	50.20	54.49	53.10	70- 80	89.74	1180	96.6,96.6
90	4.188	5.735	2.585	4.141	3.381	4.638	2.412	6.175	80- 90	24.98	1205	98.6,98.6
100	1.307	1.398	1.514	1.478	1.350	1.409	1.489	1.383	90-100	2.399	1207	98.8,98.8
110	1.767	1.856	1.992	1.905	1.826	1.892	1.967	1.854	100-110	1.726	1209	98.9,98.9
120	2.274	2.361	2.513	2.411	2.338	2.407	2.484	2.360	110-120	2.120	1211	99.1,99.1
130	2.791	2.881	3.030	2.942	2.849	2.922	2.990	2.871	120-130	2.373	1213	99.3,99.3
140	3.314	3.398	3.527	3.456	3.360	3.426	3.488	3.384	130-140	2.447	1216	99.5,99.5
150	3.801	3.870	3.974	3.922	3.837	3.888	3.937	3.863	140-150	2.293	1218	99.7,99.7
160	4.271	4.287	4.354	4.328	4.291	4.292	4.335	4.279	150-160	1.893	1220	99.9,99.9
170	4.656	4.621	4.657	4.660	4.664	4.625	4.652	4.622	160-170	1.265	1221	100,100
180	4.862	4.809	4.824	4.824	4.863	4.810	4.824	4.827	170-180	0.4509	1222	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:2019-04-18

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:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



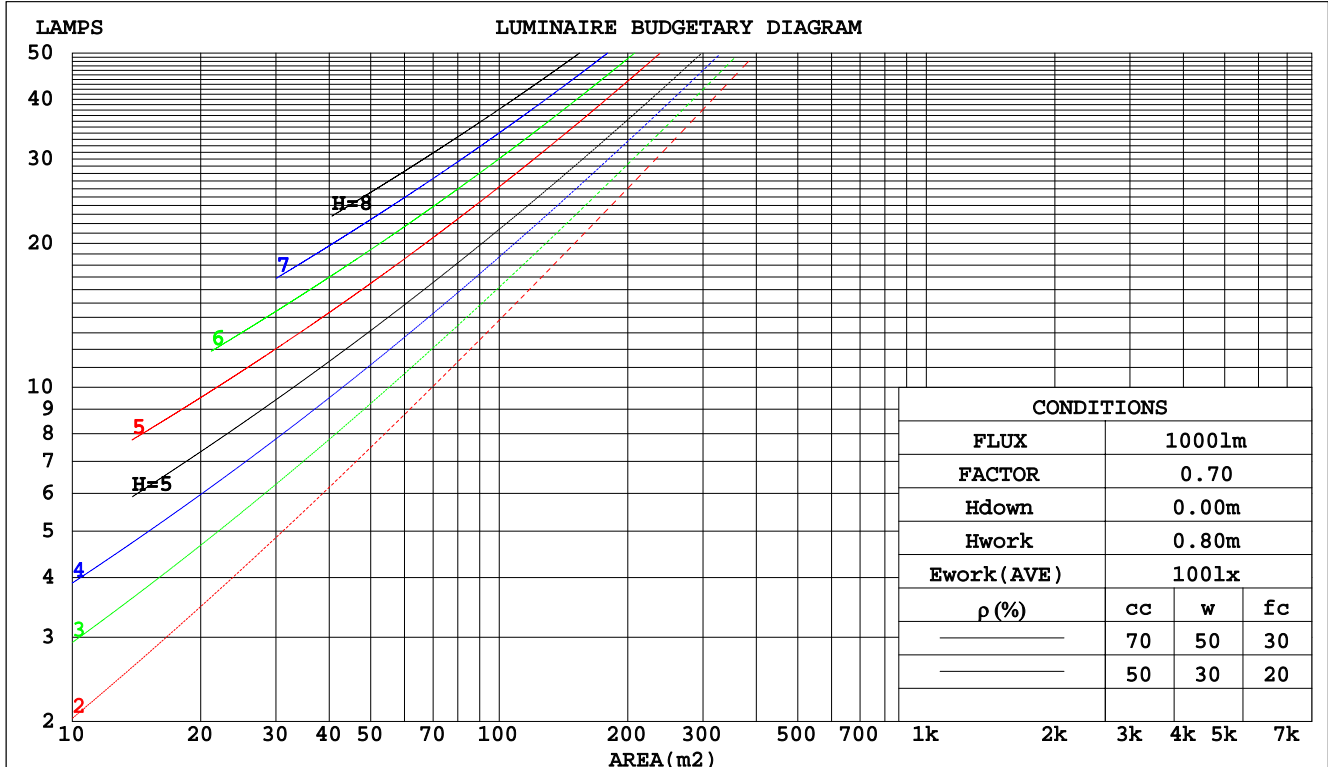
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
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	1.19	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	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.30	.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:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
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	.316	.180	.057	.308	.176	.056	.294	.169	.054	.281	.162	.052	.269	.156	.050		
2.0	.296	.162	.050	.290	.160	.049	.277	.154	.048	.266	.149	.047	.255	.144	.046		
3.0	.274	.146	.044	.268	.143	.043	.257	.139	.042	.247	.135	.041	.237	.131	.041		
4.0	.252	.131	.039	.247	.129	.038	.237	.126	.038	.228	.122	.037	.220	.119	.036		
5.0	.233	.119	.034	.228	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.216	.108	.031	.212	.107	.031	.204	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.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	.191	.167	.145	.164	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.184	.143	.108	.157	.123	.094	.108	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.176	.125	.085	.151	.108	.073	.104	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.112	.069	.145	.097	.060	.099	.067	.042	.058	.039	.025	.019	.013	.008	
5.0	.161	.102	.058	.138	.088	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.154	.093	.050	.132	.081	.043	.091	.057	.031	.053	.033	.018	.017	.011	.006	
7.0	.147	.086	.044	.126	.075	.038	.087	.053	.027	.051	.031	.016	.016	.010	.005	
8.0	.141	.081	.039	.121	.070	.034	.084	.049	.024	.049	.029	.015	.016	.009	.005	
9.0	.134	.076	.036	.116	.066	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.129	.071	.033	.111	.062	.029	.077	.044	.021	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:2016 140LED					DIM.: 1000*8*1MM			SERIAL No.:20190418004			
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	25.6	27.2	25.9	27.4	27.6	25.7	27.2	26.0	27.5	27.7	
	27.2	28.6	27.5	28.9	29.1	27.3	28.7	27.6	29.0	29.2	
	27.8	29.2	28.2	29.4	29.7	27.9	29.3	28.3	29.5	29.8	
	28.2	29.5	28.6	29.8	30.1	28.3	29.6	28.7	29.9	30.2	
	28.3	29.6	28.7	29.9	30.2	28.5	29.7	28.8	30.0	30.3	
	28.4	29.6	28.8	29.9	30.2	28.5	29.7	28.9	30.0	30.3	
4H	2H	26.3	27.6	26.6	27.9	28.2	26.3	27.7	26.7	28.0	28.3
	3H	28.0	29.2	28.4	29.5	29.9	28.1	29.3	28.5	29.6	29.9
	4H	28.8	29.8	29.2	30.2	30.5	28.9	29.9	29.3	30.3	30.6
	6H	29.3	30.2	29.7	30.6	31.0	29.4	30.3	29.8	30.7	31.1
	8H	29.5	30.3	29.9	30.7	31.1	29.6	30.4	30.0	30.8	31.3
	12H	29.6	30.4	30.0	30.8	31.2	29.7	30.5	30.1	30.9	31.3
8H	4H	29.0	29.9	29.5	30.3	30.7	29.1	30.0	29.6	30.4	30.8
	6H	29.7	30.4	30.2	30.9	31.3	29.8	30.5	30.3	31.0	31.4
	8H	29.9	30.6	30.4	31.1	31.5	30.0	30.7	30.5	31.2	31.6
	12H	30.1	30.7	30.6	31.2	31.7	30.2	30.8	30.7	31.3	31.8
12H	4H	29.0	29.9	29.5	30.3	30.7	29.1	29.9	29.6	30.3	30.8
	6H	29.8	30.4	30.2	30.9	31.3	29.8	30.5	30.3	31.0	31.4
	8H	30.0	30.6	30.5	31.1	31.6	30.1	30.7	30.6	31.2	31.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 1222 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.7$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

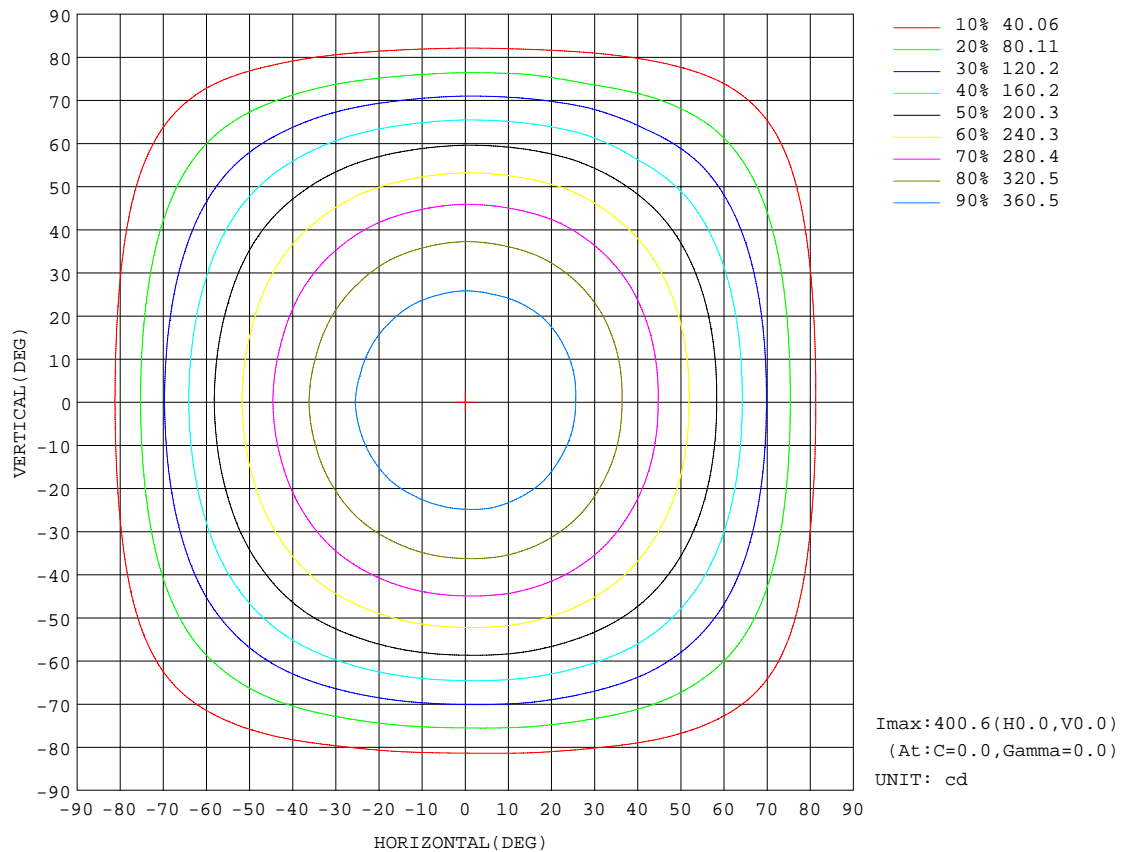
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	92	86	81	72
3.00	101	94	89	99	93	87	95	90	85	76
4.00	105	100	95	103	98	93	98	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					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:



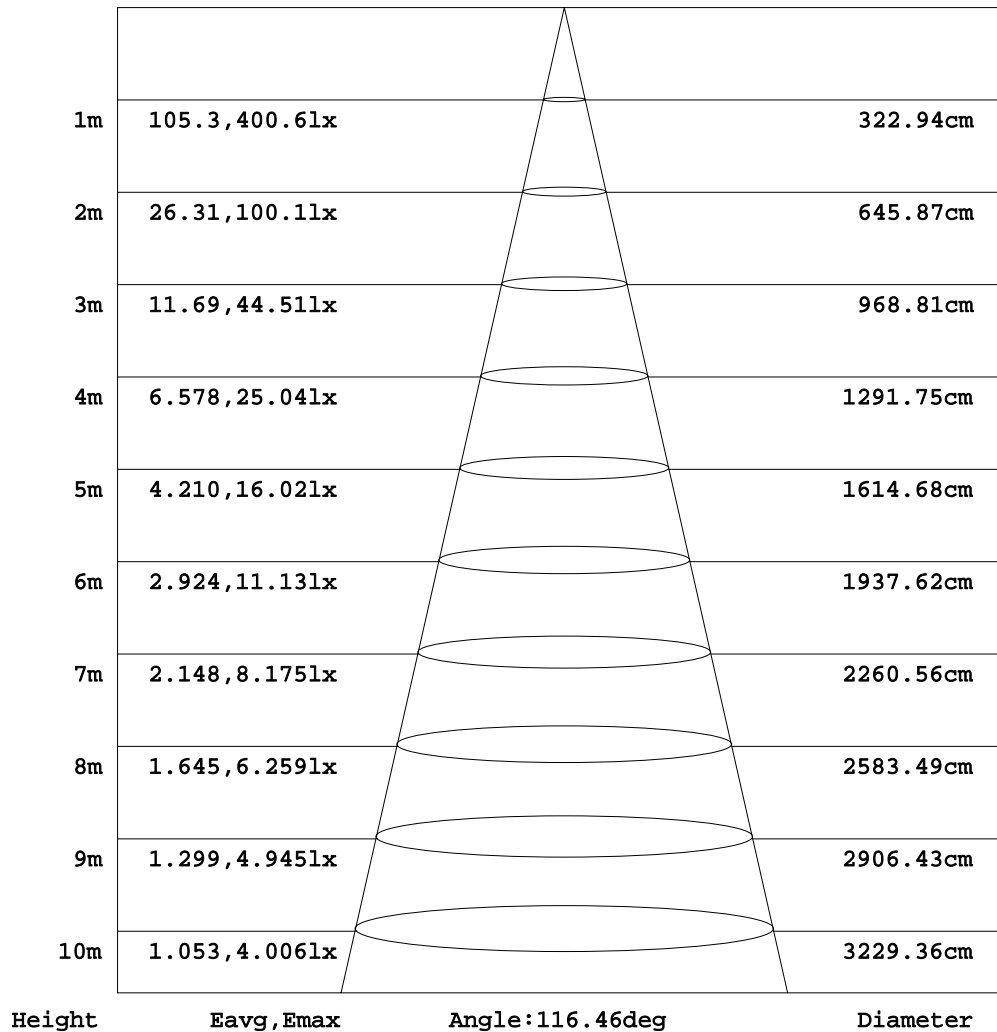
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Flux out:915.9 lm



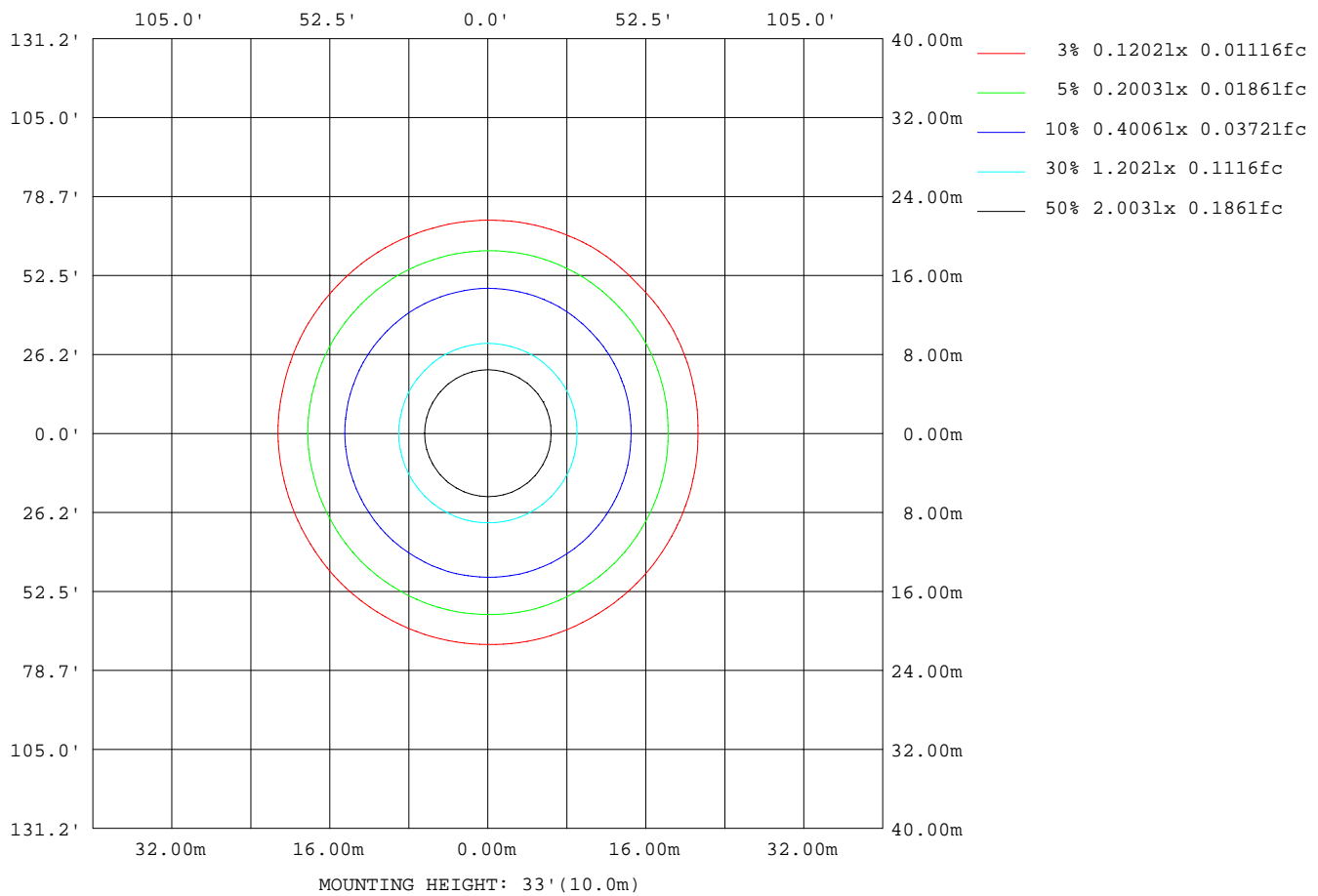
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
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:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

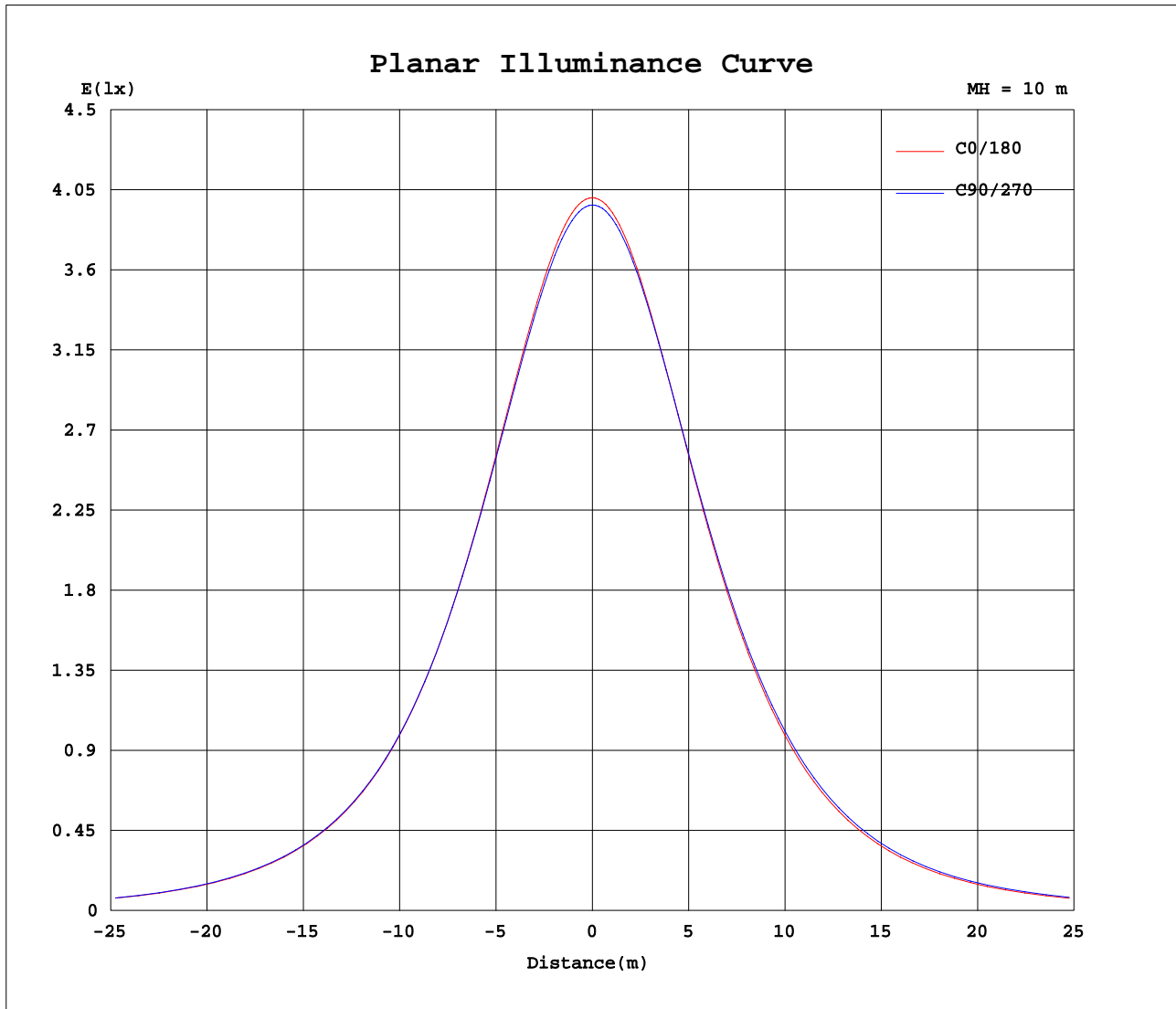
AvgL	cd/m2
L_0~180(65)av	45630
L_0~180(75)av	39787
L_0~180(85)av	27550
L_90~270(65)av	47389
L_90~270(75)av	42170
L_90~270(85)av	30765
L_45(65)av	46400
L_45(75)av	41035
L_45(85)av	30463

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

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: 2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	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	401	400	398	398	397	397	396	396	397	399	399	400	401	400	398	398	397	397	396
5	399	398	397	397	396	395	395	394	395	397	397	399	399	398	397	396	396	395	395
10	395	394	393	392	391	391	390	390	391	392	393	394	395	393	393	392	392	391	392
15	387	386	385	385	384	384	383	383	383	385	385	386	387	385	385	385	385	385	385
20	376	376	375	375	374	374	373	373	373	374	374	375	376	375	375	374	375	375	375
25	362	362	362	362	361	361	360	359	359	360	360	361	362	361	361	361	362	362	363
30	346	346	346	346	346	345	344	344	343	344	344	344	345	344	345	345	346	347	348
35	326	327	326	327	327	327	326	325	324	325	324	325	326	325	326	326	328	328	330
40	304	305	305	305	306	306	304	304	303	302	302	302	303	302	304	305	307	307	309
45	279	280	280	281	282	282	280	279	278	278	277	277	278	277	279	280	282	283	285
50	251	252	253	254	255	255	253	253	251	251	249	249	251	250	252	253	256	257	259
55	221	222	223	224	225	225	224	223	221	221	219	219	221	220	222	223	226	227	229
60	189	190	191	192	193	193	191	191	189	188	186	186	188	188	190	191	194	196	198
65	155	156	156	158	158	159	157	156	154	154	152	152	154	154	156	157	160	161	163
70	119	120	120	122	122	123	121	120	118	118	116	116	118	118	120	121	124	125	128
75	82.6	83.8	83.9	85.4	84.9	86.0	84.0	83.6	81.8	81.2	79.5	80.1	82.1	82.3	84.2	84.8	87.1	88.3	90.6
80	48.1	49.1	49.3	50.2	49.7	50.3	48.8	48.5	46.8	46.4	45.4	45.9	47.7	48.0	49.6	50.2	51.8	52.8	54.5
85	19.6	20.6	20.8	21.5	20.9	21.2	19.7	20.0	18.6	18.5	17.5	17.6	18.8	19.1	20.7	21.0	22.3	22.3	23.2
90	4.19	4.86	5.41	5.74	5.10	4.48	2.58	3.75	3.88	4.14	3.88	3.47	3.38	3.64	4.39	4.64	4.78	3.90	2.41
95	2.73	2.99	3.12	2.43	1.47	1.53	1.60	1.56	1.43	1.47	1.56	1.72	1.85	1.78	1.64	1.37	1.37	1.54	1.57
100	1.31	1.33	1.34	1.40	1.43	1.48	1.51	1.49	1.45	1.48	1.49	1.38	1.35	1.34	1.37	1.41	1.44	1.48	1.49
105	1.52	1.54	1.56	1.61	1.65	1.69	1.72	1.71	1.67	1.65	1.62	1.58	1.57	1.57	1.60	1.64	1.67	1.69	1.70
110	1.77	1.78	1.81	1.86	1.90	1.95	1.99	1.97	1.93	1.91	1.87	1.83	1.83	1.83	1.86	1.89	1.93	1.95	1.97
115	2.02	2.03	2.06	2.11	2.16	2.21	2.26	2.24	2.19	2.16	2.12	2.09	2.08	2.09	2.12	2.15	2.19	2.21	2.23
120	2.27	2.28	2.32	2.36	2.41	2.47	2.51	2.50	2.45	2.41	2.38	2.34	2.34	2.34	2.37	2.41	2.44	2.47	2.48
125	2.53	2.54	2.58	2.62	2.67	2.72	2.77	2.76	2.72	2.67	2.63	2.60	2.59	2.60	2.63	2.66	2.70	2.72	2.73
130	2.79	2.81	2.84	2.88	2.93	2.98	3.03	3.02	2.98	2.94	2.89	2.85	2.85	2.86	2.89	2.92	2.96	2.98	2.99
135	3.06	3.08	3.11	3.14	3.19	3.24	3.28	3.28	3.24	3.21	3.15	3.11	3.11	3.11	3.14	3.18	3.21	3.24	3.24
140	3.31	3.35	3.37	3.40	3.43	3.48	3.53	3.53	3.50	3.46	3.41	3.37	3.36	3.36	3.39	3.43	3.46	3.48	3.49
145	3.56	3.61	3.61	3.64	3.67	3.72	3.76	3.76	3.73	3.70	3.65	3.62	3.60	3.61	3.63	3.66	3.70	3.72	3.72
150	3.80	3.86	3.85	3.87	3.89	3.94	3.97	3.98	3.95	3.92	3.88	3.85	3.84	3.83	3.86	3.89	3.92	3.94	3.94
155	4.04	4.09	4.08	4.09	4.11	4.15	4.17	4.18	4.15	4.13	4.11	4.08	4.07	4.05	4.07	4.10	4.13	4.14	4.14
160	4.27	4.29	4.28	4.29	4.30	4.34	4.35	4.37	4.35	4.33	4.31	4.29	4.29	4.25	4.28	4.29	4.32	4.33	4.34
165	4.48	4.48	4.46	4.47	4.47	4.51	4.52	4.53	4.51	4.51	4.49	4.48	4.50	4.44	4.46	4.47	4.50	4.50	4.51
170	4.66	4.64	4.61	4.62	4.63	4.66	4.66	4.67	4.66	4.66	4.65	4.65	4.66	4.61	4.62	4.62	4.65	4.65	4.65
175	4.79	4.77	4.73	4.75	4.75	4.77	4.77	4.78	4.77	4.78	4.77	4.79	4.80	4.75	4.75	4.75	4.77	4.76	4.77
180	4.86	4.83	4.81	4.81	4.82	4.82	4.82	4.82	4.82	4.82	4.84	4.85	4.86	4.82	4.82	4.81	4.82	4.82	4.82

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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:0.5931A P:14.23W PF:1.0000 Freq:0Hz Lamp Flux:1221.52x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 140LED	DIM.: 1000*8*1MM	SERIAL No.:20190418004
MFR.: EVERFINE	SUR.:1000*8mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	396	397	399	399	400														
5	395	396	398	398	399														
10	391	393	394	394	395														
15	385	386	387	387	387														
20	375	376	377	377	377														
25	363	364	365	364	364														
30	347	348	349	348	347														
35	329	330	330	329	328														
40	308	309	308	308	306														
45	285	286	284	283	281														
50	259	259	257	256	254														
55	230	231	228	227	224														
60	198	198	196	195	192														
65	164	164	159	160	158														
70	128	128	123	125	122														
75	90.9	87.6	88.4	88.3	85.8														
80	54.8	54.3	53.1	53.1	51.0														
85	20.8	24.2	23.9	23.6	21.8														
90	4.07	6.09	6.17	6.23	5.19														
95	1.48	1.40	2.56	3.24	3.07														
100	1.47	1.44	1.38	1.39	1.38														
105	1.67	1.64	1.60	1.59	1.59														
110	1.93	1.89	1.85	1.84	1.84														
115	2.18	2.14	2.11	2.09	2.09														
120	2.44	2.39	2.36	2.35	2.34														
125	2.69	2.64	2.61	2.61	2.59														
130	2.94	2.90	2.87	2.86	2.85														
135	3.20	3.15	3.13	3.12	3.12														
140	3.44	3.40	3.38	3.38	3.39														
145	3.68	3.64	3.63	3.63	3.64														
150	3.90	3.87	3.86	3.87	3.88														
155	4.11	4.09	4.08	4.09	4.10														
160	4.31	4.29	4.28	4.29	4.30														
165	4.48	4.47	4.46	4.47	4.48														
170	4.63	4.63	4.62	4.63	4.65														
175	4.75	4.76	4.75	4.76	4.78														
180	4.82	4.83	4.83	4.83	4.85														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

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: