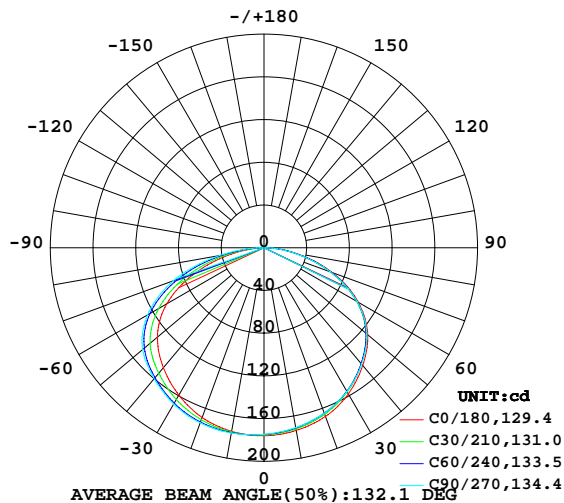


LUMINAIRE PHOTOMETRIC TEST REPORT

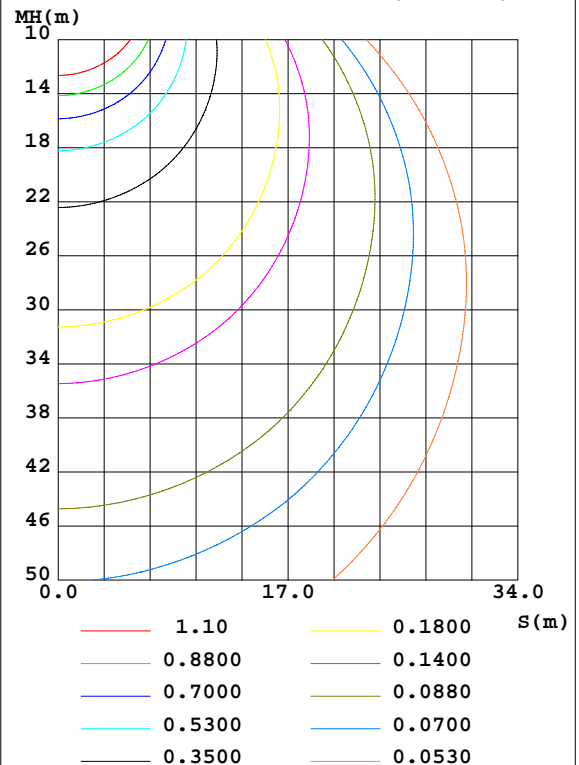
Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.09 lm/W			
WW-FLS2000B10FC084B-24(WCP)-IC-RGB		Imax(cd)	176.1	S/MH(C0/180)	1.35
NOMINAL POWER(W)	16.52	LOR(%)	100.0	S/MH(C90/270)	1.45
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	629.23	η UP,DN(C0-180)	0.7,46.6
NOMINAL FLUX(lm)	629.228	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.6,52.1
LAMPS INSIDE	1	η up(%)	1.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	DC 24	η down(%)	98.7	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:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

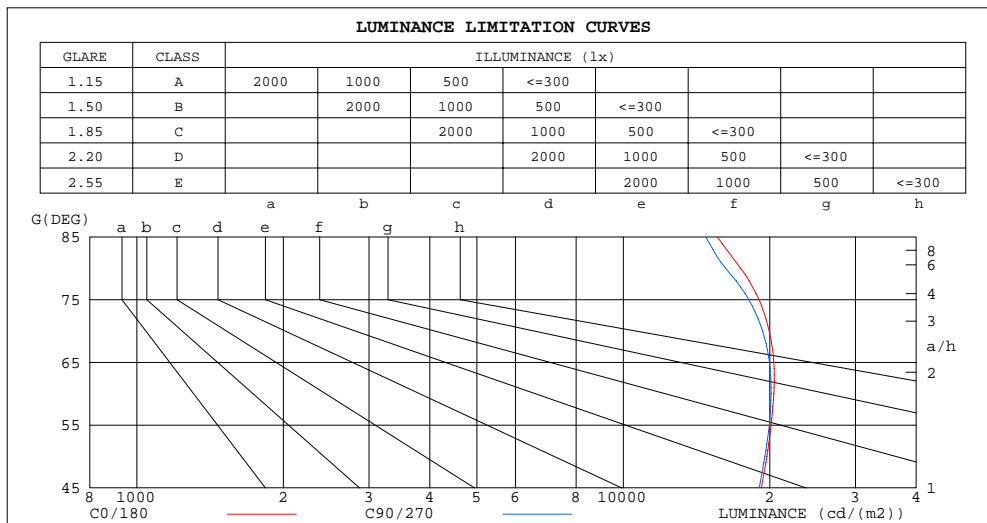
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	173.7	171.8	171.1	172.3	174.6	175.5	176.1	175.6	0- 10	16.65	16.65	2.65,2.65
20	168.2	165.4	164.9	166.3	169.2	172.7	174.5	172.8	10- 20	48.60	65.25	10.4,10.4
30	158.0	155.4	155.4	156.7	159.4	166.4	169.0	166.0	20- 30	76.37	141.6	22.5,22.5
40	143.9	141.7	142.2	143.8	146.6	156.4	160.0	155.2	30- 40	97.19	238.8	38,38
50	126.8	124.7	125.6	127.9	130.2	143.5	148.3	141.5	40- 50	109.4	348.3	55.3,55.3
60	102.0	100.8	100.6	102.2	105.1	119.3	125.8	119.1	50- 60	109.6	457.8	72.8,72.8
70	68.22	66.78	66.12	65.29	67.81	81.08	90.17	83.26	60- 70	91.27	549.1	87.3,87.3
80	30.24	29.42	28.19	25.24	27.15	35.04	42.25	38.82	70- 80	55.53	604.7	96.1,96.1
90	2.652	2.974	1.755	0.9843	1.011	1.356	1.587	3.140	80- 90	16.29	620.9	98.7,98.7
100	0.6974	0.8268	0.9535	0.8357	0.7245	0.7220	0.7911	0.7431	90-100	0.9860	621.9	98.8,98.8
110	0.9276	1.055	1.154	1.069	0.9515	0.9433	0.9894	0.9544	100-110	0.9401	622.9	99,99
120	1.155	1.272	1.385	1.301	1.176	1.170	1.219	1.176	110-120	1.111	624.0	99.2,99.2
130	1.383	1.500	1.611	1.536	1.397	1.394	1.440	1.396	120-130	1.205	625.2	99.4,99.4
140	1.611	1.727	1.823	1.756	1.614	1.611	1.656	1.620	130-140	1.214	626.4	99.6,99.6
150	1.827	1.921	1.996	1.941	1.819	1.810	1.848	1.830	140-150	1.117	627.5	99.7,99.7
160	2.024	2.073	2.112	2.084	2.010	1.985	2.011	2.004	150-160	0.9054	628.4	99.9,99.9
170	2.169	2.179	2.202	2.192	2.166	2.131	2.151	2.144	160-170	0.5947	629.0	100,100
180	2.246	2.222	2.243	2.245	2.246	2.222	2.243	2.244	170-180	0.2098	629.2	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:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	15591	14773
80	17412	16233
75	19007	18118
70	19946	19333
65	20388	19971
60	20391	20128
55	20120	19953
50	19728	19542
45	19219	19025

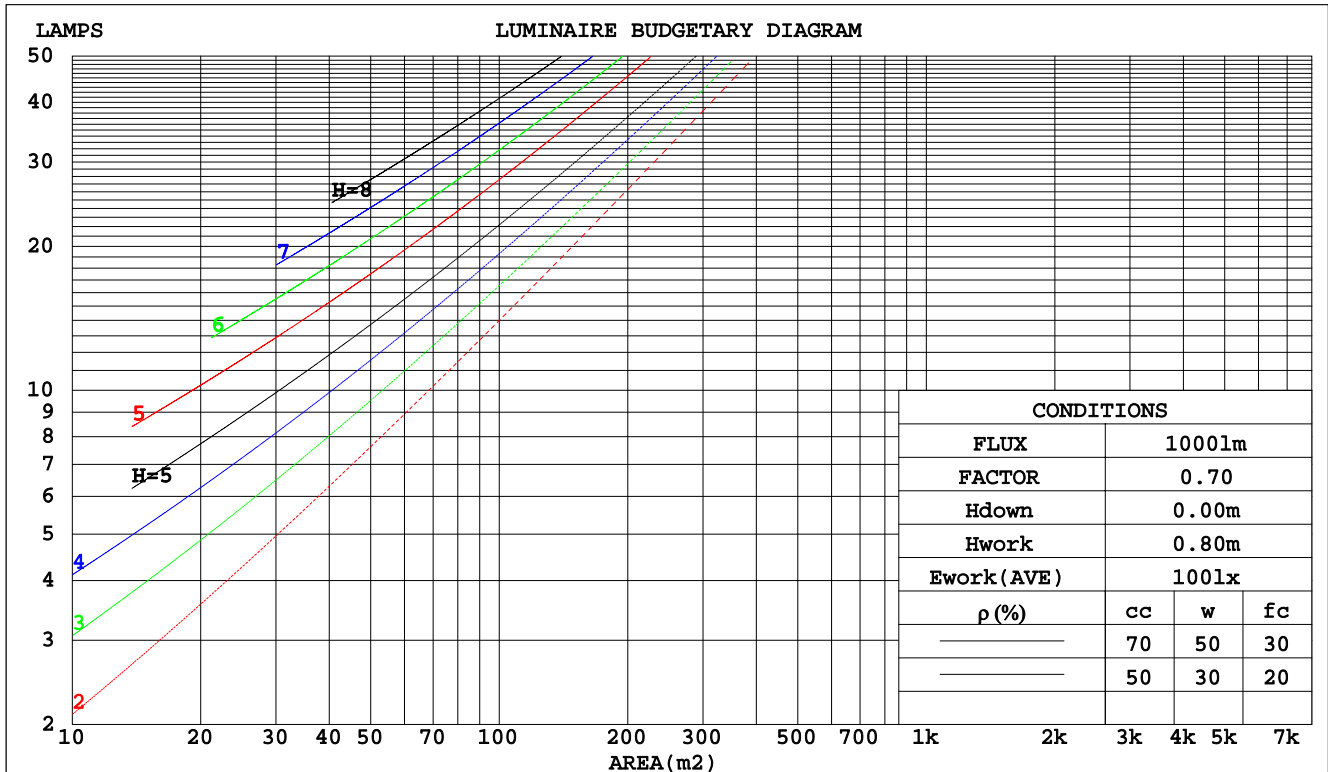
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
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	1.02	.98	.93	.90	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.88	.81	.74	.86	.79	.73	.82	.76	.71	.79	.74	.70	.75	.71	.68	.65
3.0	.76	.68	.61	.75	.67	.60	.71	.64	.59	.68	.63	.58	.66	.61	.56	.54
4.0	.67	.58	.51	.66	.57	.50	.63	.55	.49	.60	.54	.48	.58	.52	.48	.45
5.0	.59	.50	.43	.58	.49	.43	.56	.48	.42	.54	.47	.41	.52	.46	.41	.39
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.36	.47	.40	.35	.33
7.0	.48	.39	.32	.47	.38	.32	.45	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.34	.29	.41	.34	.28	.40	.33	.28	.39	.32	.28	.26
9.0	.40	.31	.26	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.23
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.27	.23	.33	.27	.22	.21



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 4.717m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
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	.336	.191	.061	.328	.187	.059	.314	.180	.058	.301	.174	.056	.289	.168	.054		
2.0	.313	.171	.053	.306	.169	.052	.293	.163	.051	.282	.158	.049	.271	.153	.048		
3.0	.287	.153	.046	.281	.150	.045	.270	.146	.044	.259	.142	.044	.250	.138	.043		
4.0	.263	.137	.040	.258	.135	.040	.248	.131	.039	.238	.128	.039	.230	.125	.038		
5.0	.242	.123	.036	.237	.122	.035	.228	.119	.035	.220	.116	.035	.212	.113	.034		
6.0	.223	.112	.032	.219	.111	.032	.211	.108	.031	.203	.106	.031	.197	.103	.031		
7.0	.207	.102	.029	.203	.101	.029	.196	.099	.029	.189	.097	.028	.183	.095	.028		
8.0	.192	.094	.026	.189	.093	.026	.183	.091	.026	.177	.089	.026	.171	.088	.026		
9.0	.180	.087	.024	.177	.086	.024	.171	.085	.024	.166	.083	.024	.160	.081	.024		
10.0	.169	.081	.022	.166	.080	.022	.161	.079	.022	.156	.077	.022	.151	.076	.022		

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	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.192	.166	.142	.164	.142	.123	.112	.098	.085	.065	.057	.049	.021	.018	.016	
2.0	.185	.142	.106	.159	.122	.091	.109	.085	.064	.063	.049	.037	.020	.016	.012	
3.0	.178	.125	.082	.153	.108	.071	.105	.075	.050	.061	.044	.029	.019	.014	.010	
4.0	.171	.112	.067	.146	.096	.058	.101	.067	.041	.058	.039	.024	.019	.013	.008	
5.0	.163	.101	.056	.140	.088	.049	.096	.061	.034	.056	.036	.020	.018	.012	.007	
6.0	.156	.093	.048	.134	.081	.042	.092	.056	.030	.054	.033	.018	.017	.011	.006	
7.0	.149	.086	.042	.128	.075	.037	.088	.052	.026	.051	.031	.016	.017	.010	.005	
8.0	.142	.081	.038	.122	.070	.033	.085	.049	.024	.049	.029	.014	.016	.009	.005	
9.0	.136	.076	.035	.117	.066	.030	.081	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.130	.071	.032	.112	.062	.028	.078	.044	.020	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:5050 084LED					DIM.: 1000*10*1MM			SERIAL No.:20190826004			
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	24.9	26.4	25.1	26.7	26.9	24.9	26.4	25.1	26.7	26.9	
	3H	26.6	28.1	27.0	28.4	28.6	26.6	28.1	26.9	28.4	28.6
	4H	27.4	28.8	27.7	29.0	29.3	27.3	28.7	27.7	29.0	29.3
	6H	27.9	29.2	28.3	29.5	29.8	27.8	29.1	28.2	29.4	29.7
	8H	28.1	29.3	28.4	29.7	30.0	28.0	29.2	28.3	29.5	29.9
	12H	28.2	29.4	28.6	29.7	30.1	28.1	29.3	28.4	29.6	30.0
4H	2H	25.5	26.9	25.9	27.2	27.5	25.6	26.9	25.9	27.2	27.5
	3H	27.5	28.7	27.9	29.0	29.4	27.5	28.7	27.9	29.0	29.4
	4H	28.3	29.5	28.7	29.8	30.2	28.3	29.4	28.7	29.8	30.1
	6H	29.0	30.0	29.4	30.4	30.8	28.9	29.9	29.4	30.3	30.7
	8H	29.2	30.2	29.7	30.6	31.0	29.1	30.1	29.6	30.5	30.9
	12H	29.4	30.2	29.8	30.7	31.1	29.3	30.2	29.8	30.6	31.0
8H	4H	28.6	29.6	29.1	30.0	30.4	28.6	29.5	29.0	29.9	30.4
	6H	29.4	30.2	29.9	30.7	31.1	29.4	30.2	29.9	30.6	31.1
	8H	29.8	30.5	30.3	30.9	31.4	29.7	30.4	30.2	30.8	31.3
	12H	30.0	30.6	30.5	31.1	31.6	30.0	30.6	30.5	31.0	31.5
12H	4H	28.7	29.5	29.1	29.9	30.4	28.6	29.5	29.1	29.9	30.3
	6H	29.5	30.2	30.0	30.7	31.1	29.5	30.2	29.9	30.6	31.1
	8H	29.9	30.5	30.4	31.0	31.5	29.8	30.4	30.3	30.9	31.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117, 629.2 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -1.6$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

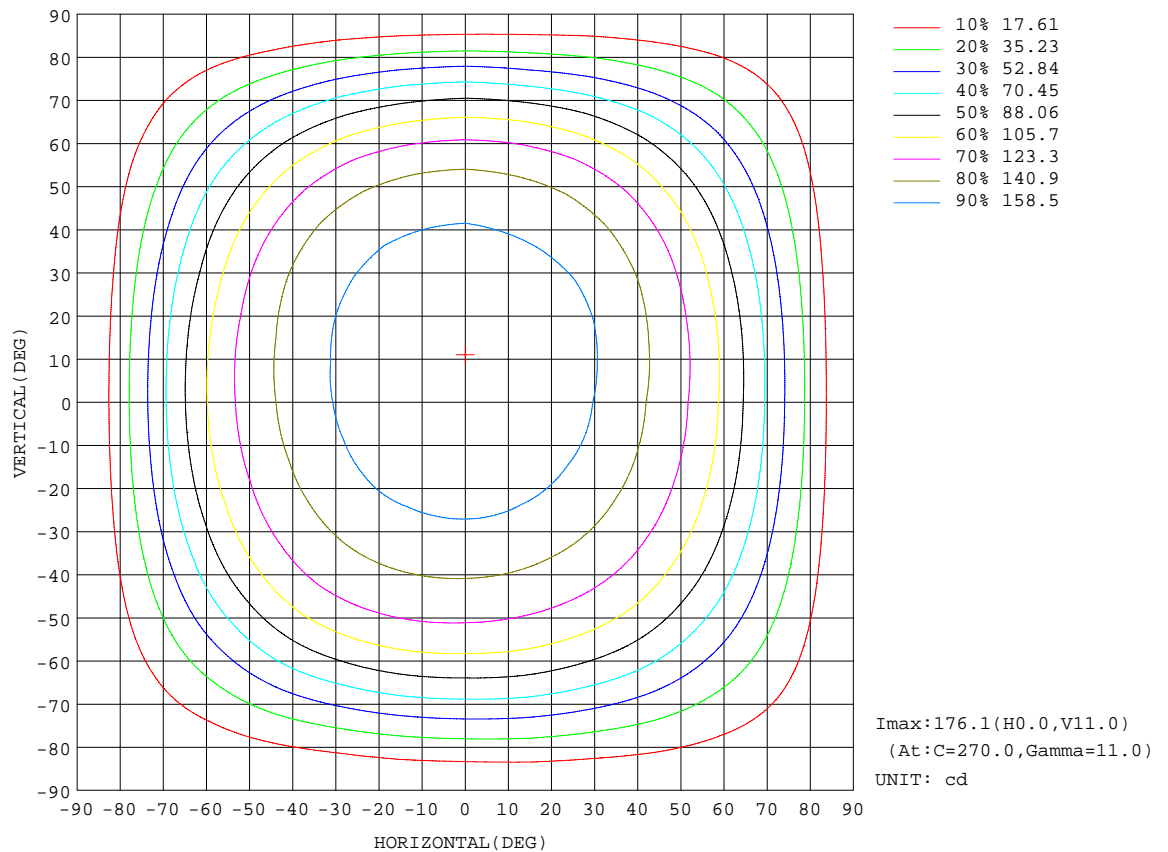
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	41	34	53	41	34	52	41	34	27
0.80	64	51	43	63	51	43	61	50	43	35
1.00	72	60	52	71	60	52	68	61	52	44
1.25	80	68	60	78	67	60	75	66	59	51
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	83	76	90	82	75	86	79	73	65
2.50	96	88	81	94	87	80	90	84	78	69
3.00	100	93	87	98	91	85	93	88	83	74
4.00	105	98	93	102	96	92	97	93	89	79
5.00	107	102	97	105	100	96	100	96	93	83
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:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:



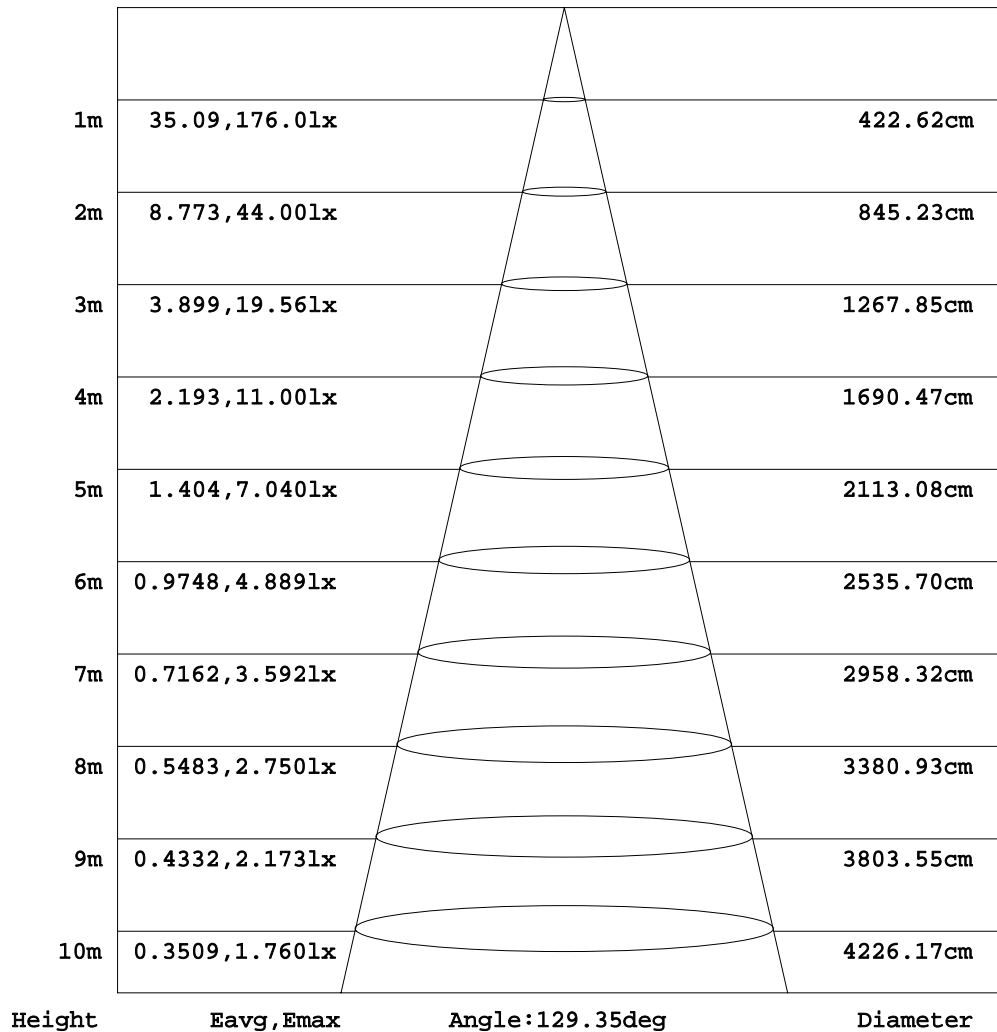
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Flux out:507.0 lm



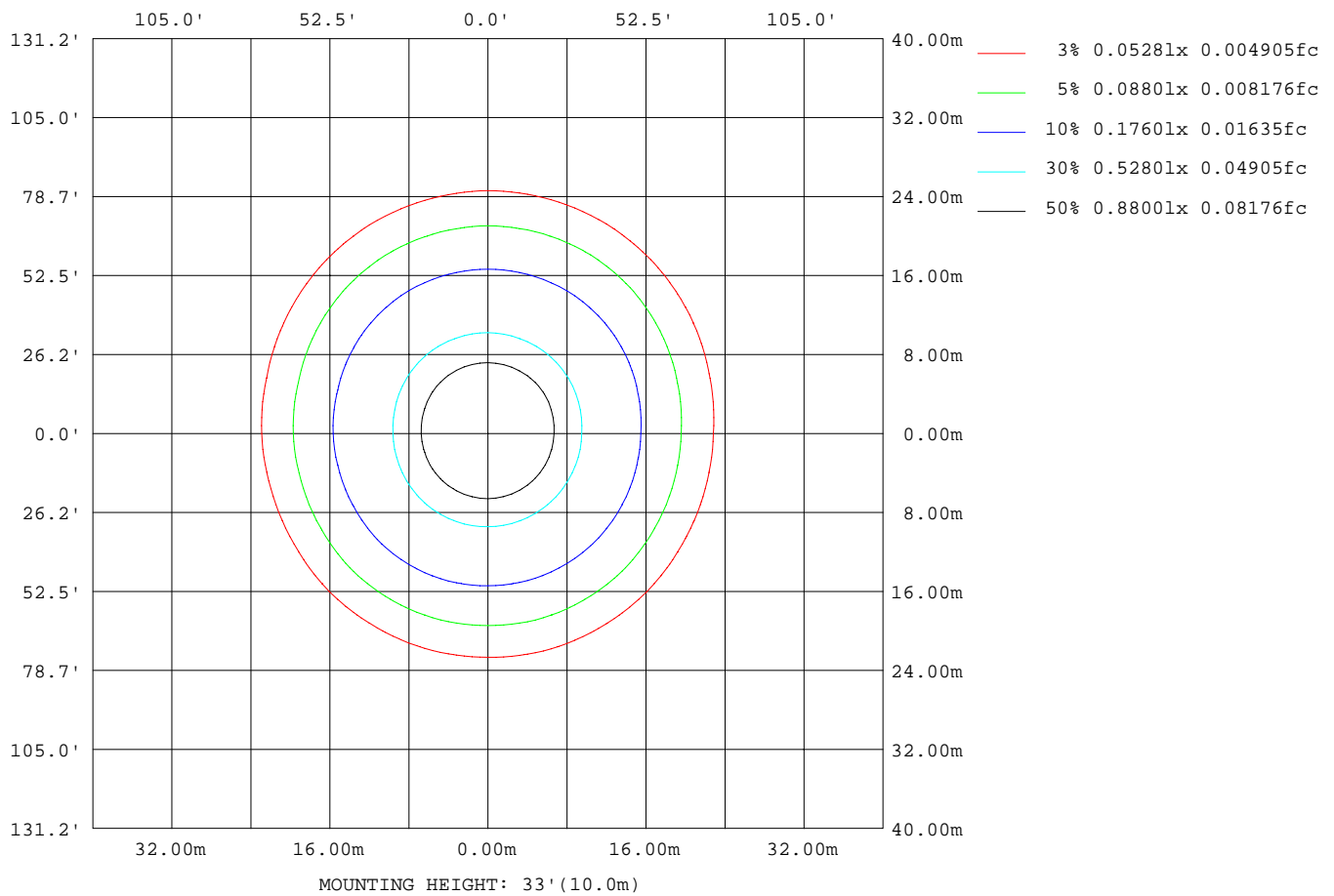
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 4.717m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
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: 2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.717m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

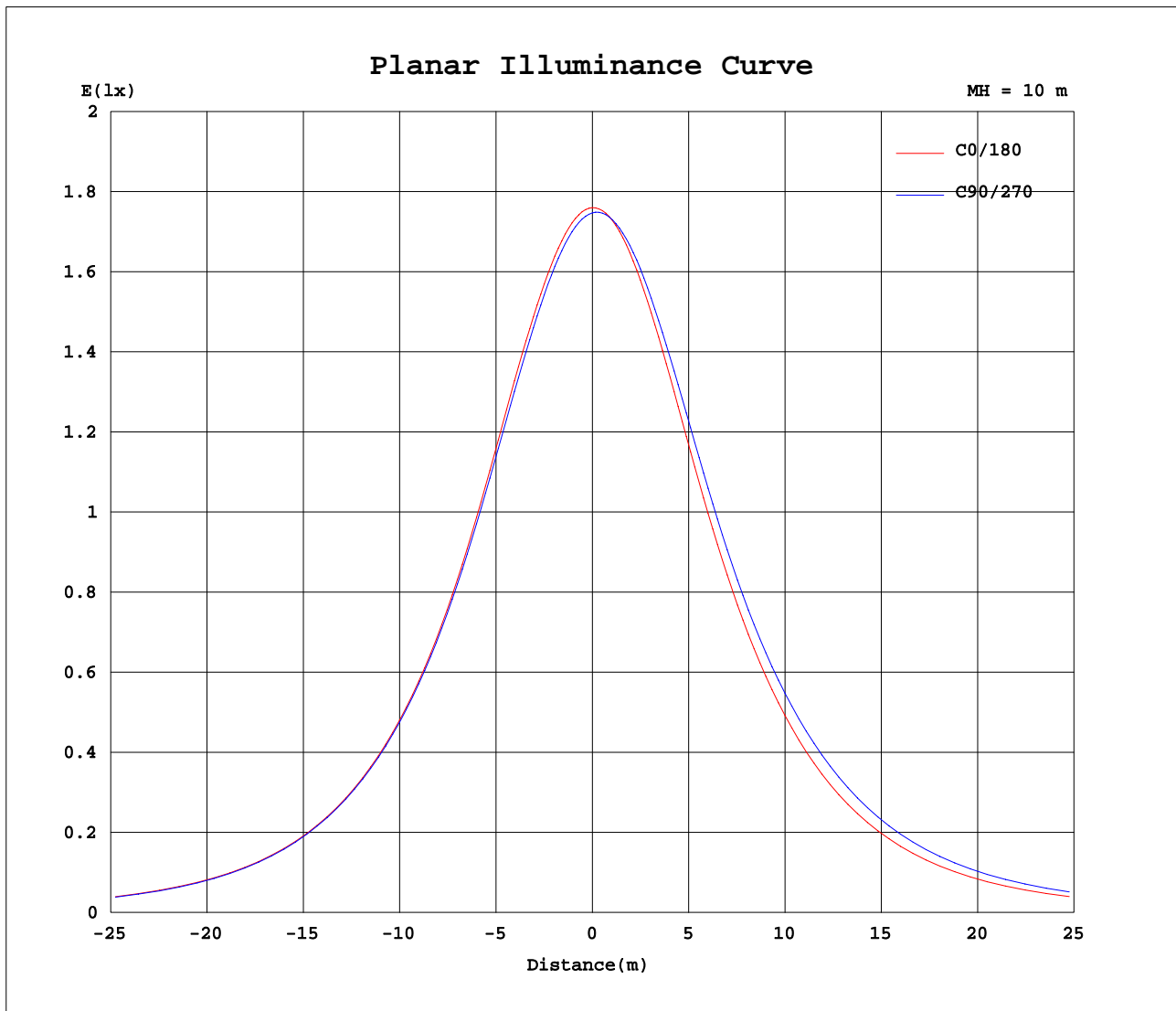
AvgL	cd/m2
L_0~180(65)av	20562
L_0~180(75)av	18606
L_0~180(85)av	13461
L_90~270(65)av	22952
L_90~270(75)av	21990
L_90~270(85)av	18251
L_45(65)av	22131
L_45(75)av	20497
L_45(85)av	16181

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:4.717m [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: 2019-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
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	176	176	175	175	175	175	175	174	175	175	175	176	176	176	175	175	175	175	175
5	175	175	174	174	173	173	173	173	173	174	174	175	176	176	176	176	176	176	176
10	174	173	172	172	171	171	171	171	171	172	173	173	175	175	175	175	176	176	176
15	171	171	170	169	168	168	168	168	169	170	170	171	172	173	174	174	175	175	176
20	168	167	166	165	165	165	165	165	165	166	167	168	169	170	171	173	174	174	175
25	164	163	161	161	160	161	161	161	161	162	163	163	165	166	168	170	171	172	172
30	158	157	156	155	155	155	155	156	156	157	157	158	159	161	164	166	168	169	169
35	151	150	149	149	149	149	149	149	150	151	151	152	153	156	159	162	164	164	165
40	144	143	142	142	142	142	142	143	143	144	144	145	147	149	153	156	159	160	160
45	136	135	134	134	134	134	135	135	136	137	137	137	139	142	147	151	153	154	155
50	127	125	125	125	125	125	126	127	127	128	128	128	130	134	139	144	146	148	148
55	115	114	114	114	114	114	114	115	116	117	116	117	119	123	128	133	137	138	139
60	102	100	100	101	101	101	101	101	102	102	101	102	105	108	114	119	123	125	126
65	86.2	84.6	84.1	84.8	84.8	85.2	84.4	84.7	84.5	84.8	83.8	84.6	87.6	90.6	96.2	102	106	108	110
70	68.2	66.7	66.2	66.8	66.6	67.0	66.1	65.9	65.2	65.3	64.1	64.8	67.8	70.5	75.9	81.1	85.5	88.1	90.2
75	49.2	48.1	47.4	47.8	47.5	47.8	46.9	46.2	45.0	44.8	43.8	44.6	47.1	49.4	53.9	58.4	62.4	65.3	66.9
80	30.2	29.8	29.1	29.4	28.9	29.3	28.2	27.5	25.7	25.2	24.3	25.0	27.1	28.6	31.9	35.0	38.5	41.0	42.3
85	13.6	13.7	13.5	14.0	13.7	13.9	12.9	12.2	10.5	9.74	8.74	8.89	9.88	10.4	12.3	13.9	16.6	18.2	18.9
90	2.65	2.94	2.81	2.97	2.63	2.54	1.75	1.72	1.17	0.98	0.86	0.90	1.01	1.01	1.19	1.36	1.84	2.22	1.59
95	0.64	0.67	0.71	0.77	0.84	0.94	1.02	0.96	0.84	0.77	0.73	0.69	0.65	0.66	0.66	0.70	0.75	0.89	0.93
100	0.70	0.74	0.77	0.83	0.87	0.92	0.95	0.91	0.87	0.84	0.78	0.76	0.72	0.71	0.72	0.72	0.75	0.79	0.79
105	0.81	0.85	0.88	0.94	0.98	1.01	1.03	1.01	0.98	0.95	0.90	0.87	0.83	0.82	0.82	0.83	0.85	0.85	0.87
110	0.93	0.97	1.00	1.05	1.10	1.14	1.15	1.14	1.10	1.07	1.01	0.98	0.95	0.93	0.94	0.94	0.97	0.97	0.99
115	1.04	1.08	1.11	1.16	1.20	1.25	1.28	1.26	1.22	1.19	1.12	1.09	1.07	1.05	1.06	1.06	1.08	1.09	1.11
120	1.15	1.19	1.22	1.27	1.31	1.36	1.38	1.38	1.34	1.30	1.25	1.21	1.18	1.16	1.17	1.17	1.19	1.20	1.22
125	1.27	1.30	1.33	1.38	1.42	1.47	1.50	1.49	1.45	1.42	1.36	1.32	1.29	1.27	1.28	1.28	1.30	1.31	1.33
130	1.38	1.42	1.45	1.50	1.54	1.58	1.61	1.61	1.57	1.54	1.48	1.44	1.40	1.38	1.39	1.39	1.42	1.42	1.44
135	1.50	1.54	1.57	1.62	1.65	1.70	1.72	1.72	1.69	1.65	1.59	1.55	1.51	1.49	1.50	1.51	1.53	1.53	1.55
140	1.61	1.66	1.68	1.73	1.76	1.80	1.82	1.83	1.79	1.76	1.70	1.67	1.61	1.60	1.61	1.61	1.63	1.64	1.66
145	1.72	1.77	1.79	1.83	1.85	1.90	1.92	1.92	1.88	1.85	1.80	1.77	1.72	1.70	1.71	1.71	1.73	1.74	1.76
150	1.83	1.88	1.89	1.92	1.95	1.99	2.00	2.00	1.96	1.94	1.89	1.87	1.82	1.80	1.81	1.81	1.83	1.84	1.85
155	1.93	1.97	1.97	2.00	2.02	2.06	2.06	2.06	2.03	2.02	1.98	1.96	1.92	1.89	1.90	1.90	1.92	1.92	1.93
160	2.02	2.05	2.05	2.07	2.08	2.11	2.11	2.12	2.09	2.08	2.05	2.04	2.01	1.97	1.99	1.98	2.00	2.00	2.01
165	2.10	2.11	2.11	2.13	2.14	2.16	2.16	2.17	2.14	2.14	2.12	2.12	2.10	2.06	2.07	2.06	2.08	2.07	2.09
170	2.17	2.17	2.17	2.18	2.18	2.20	2.20	2.21	2.19	2.19	2.18	2.18	2.17	2.13	2.14	2.13	2.15	2.14	2.15
175	2.22	2.22	2.20	2.22	2.21	2.23	2.22	2.23	2.22	2.23	2.22	2.23	2.22	2.19	2.19	2.18	2.20	2.19	2.21
180	2.25	2.23	2.22	2.22	2.24	2.24	2.24	2.24	2.24	2.25	2.25	2.26	2.25	2.23	2.23	2.22	2.23	2.24	2.24

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.6882A P:16.52W PF:0.9998 Freq:0Hz Lamp Flux:629.228x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:5050 084LED	DIM.: 1000*10*1MM	SERIAL No.:20190826004
MFR.: EVERFINE	SUR.:1000*10mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	174	175	175	175	176														
5	175	175	176	175	175														
10	176	176	176	175	174														
15	175	175	175	173	172														
20	174	173	173	171	170														
25	172	171	170	168	166														
30	168	167	166	164	161														
35	164	163	161	158	155														
40	159	157	155	152	148														
45	153	152	149	145	140														
50	147	145	142	137	131														
55	138	136	132	127	120														
60	125	123	119	113	107														
65	109	107	103	97.1	91.1														
70	88.8	87.1	83.3	78.4	72.8														
75	65.2	63.3	61.2	57.5	53.2														
80	41.4	40.8	38.8	36.5	33.3														
85	19.3	19.7	18.8	17.4	15.4														
90	2.58	3.41	3.14	3.32	3.04														
95	0.83	0.82	0.73	0.69	0.68														
100	0.77	0.77	0.74	0.74	0.73														
105	0.85	0.86	0.84	0.84	0.84														
110	0.97	0.97	0.95	0.96	0.96														
115	1.08	1.08	1.07	1.07	1.08														
120	1.19	1.19	1.18	1.18	1.19														
125	1.30	1.30	1.28	1.30	1.30														
130	1.42	1.41	1.40	1.41	1.42														
135	1.53	1.52	1.51	1.52	1.54														
140	1.64	1.63	1.62	1.63	1.66														
145	1.74	1.73	1.72	1.74	1.76														
150	1.83	1.83	1.83	1.84	1.86														
155	1.92	1.92	1.92	1.94	1.95														
160	2.00	2.01	2.00	2.03	2.03														
165	2.08	2.08	2.08	2.10	2.10														
170	2.14	2.15	2.14	2.16	2.18														
175	2.20	2.21	2.21	2.22	2.23														
180	2.24	2.24	2.24	2.24	2.26														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:4.717m [K=1.0000]
Remarks: