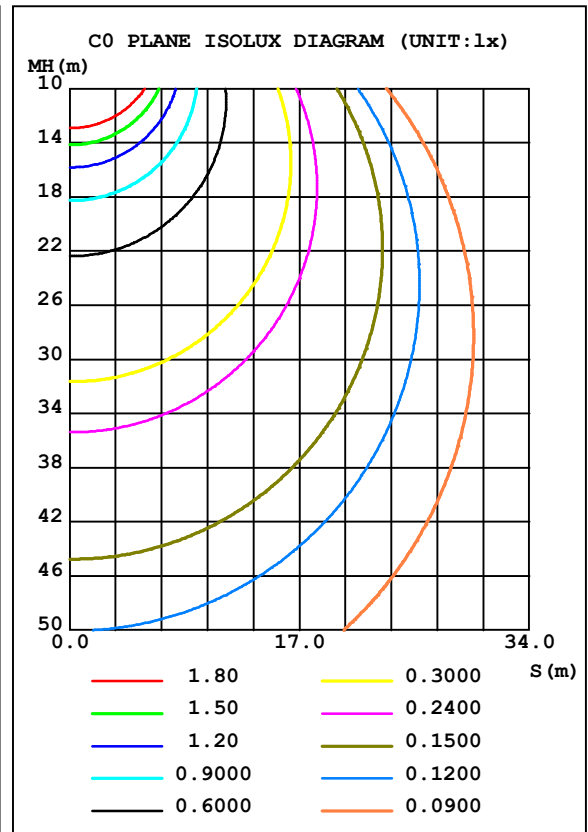
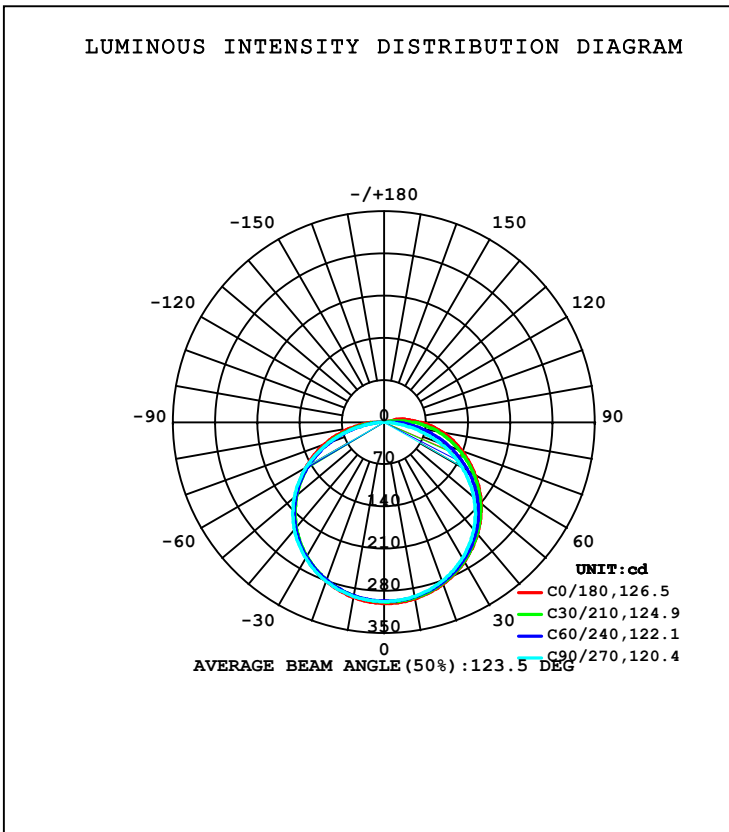


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.91 lm/W			
MODEL:102T2835XX120S-24 (WCP) -HR		I _{max} (cd)	300.6	S/MH (C0/180)	1.28
NOMINAL POWER (W)	12.5	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	DC 24	TOTAL FLUX (lm)	991.92	η UP, DN (C0-180)	0.8, 49.4
NOMINAL FLUX (lm)	991.915	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.1
LAMPS INSIDE	1	η up (%)	1.4	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	η down (%)	98.6	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 4.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

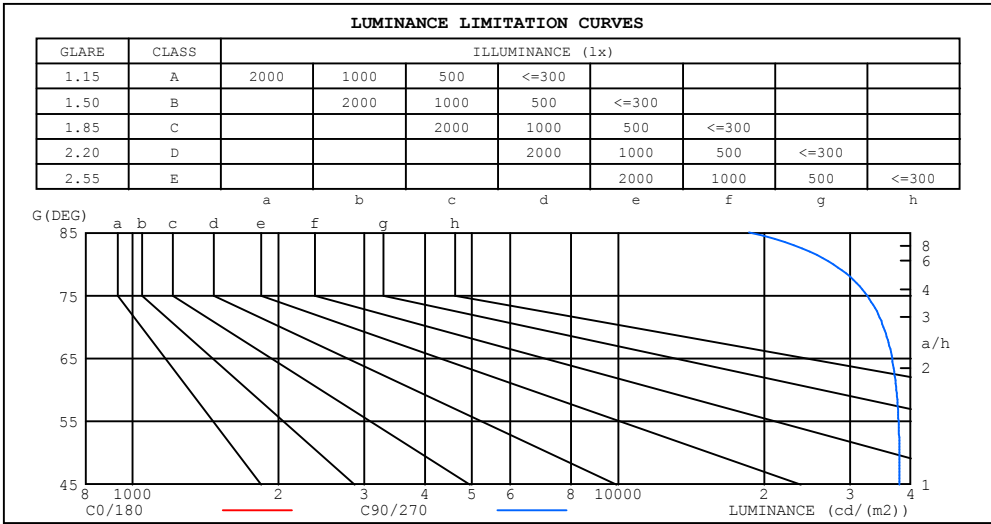
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	300.0	297.2	296.2	296.7	298.8	295.8	296.2	298.3	0- 5	7.113	7.113	0.72,0.72
10	297.4	294.8	293.1	292.8	295.0	291.9	293.2	296.0	5- 10	21.14	28.25	2.85,2.85
15	292.7	290.4	288.0	286.9	289.1	286.1	288.2	291.7	10- 15	34.56	62.81	6.33,6.33
20	286.0	284.0	280.9	278.9	281.1	278.4	281.1	285.3	15- 20	47.00	109.8	11.1,11.1
25	277.5	275.6	271.7	269.0	271.2	268.6	271.9	277.0	20- 25	58.11	167.9	16.9,16.9
30	267.3	265.4	260.5	257.1	259.2	256.8	260.7	266.8	25- 30	67.56	235.5	23.7,23.7
35	255.3	253.3	247.2	243.2	245.2	243.0	247.4	254.7	30- 35	75.06	310.5	31.3,31.3
40	241.6	239.3	231.9	227.1	229.3	227.2	232.1	240.6	35- 40	80.38	390.9	39.4,39.4
45	226.7	223.6	214.5	209.0	211.5	209.3	214.6	224.7	40- 45	83.33	474.2	47.8,47.8
50	210.5	206.2	195.0	189.0	192.2	189.4	195.0	207.1	45- 50	83.77	558.0	56.3,56.3
55	193.0	187.3	173.3	166.9	171.6	167.5	173.3	188.0	50- 55	81.70	639.7	64.5,64.5
60	174.8	167.2	149.6	143.3	150.2	144.0	149.5	167.7	55- 60	77.12	716.8	72.3,72.3
65	156.0	145.9	123.9	118.4	127.9	119.3	123.6	146.3	60- 65	70.18	787.0	79.3,79.3
70	137.1	124.0	96.24	92.60	104.6	93.57	95.80	124.3	65- 70	61.14	848.2	85.5,85.5
75	118.7	101.6	67.42	66.28	80.14	67.42	66.90	101.8	70- 75	50.34	898.5	90.6,90.6
80	99.90	78.91	38.54	40.07	55.65	41.39	38.05	78.94	75- 80	38.27	936.8	94.4,94.4
85	80.36	56.26	12.98	17.42	33.56	18.55	12.58	56.14	80- 85	25.88	962.7	97.97
90	61.40	34.34	0	4.101	16.36	4.470	0	34.00	85- 90	14.94	977.6	98.6,98.6
95	45.69	15.99	0	0	7.663	0	0	15.69	90- 95	7.825	985.4	99.3,99.3
100	33.13	3.007	0	0	0	0	0	2.945	95-100	4.098	989.5	99.8,99.8
105	18.49	0	0	0	0	0	0	0	100-105	2.102	991.6	100,100
110	0	0	0	0	0	0	0	0	105-110	0.3001	991.9	100,100
115	0	0	0	0	0	0	0	0	110-115	0	991.9	100,100
120	0	0	0	0	0	0	0	0	115-120	0	991.9	100,100
125	0	0	0	0	0	0	0	0	120-125	0	991.9	100,100
130	0	0	0	0	0	0	0	0	125-130	0	991.9	100,100
135	0	0	0	0	0	0	0	0	130-135	0	991.9	100,100
140	0	0	0	0	0	0	0	0	135-140	0	991.9	100,100
145	0	0	0	0	0	0	0	0	140-145	0	991.9	100,100
150	0	0	0	0	0	0	0	0	145-150	0	991.9	100,100
155	0	0	0	0	0	0	0	0	150-155	0	991.9	100,100
160	0	0	0	0	0	0	0	0	155-160	0	991.9	100,100
165	0	0	0	0	0	0	0	0	160-165	0	991.9	100,100
170	0	0	0	0	0	0	0	0	165-170	0	991.9	100,100
175	0	0	0	0	0	0	0	0	170-175	0	991.9	100,100
180	0	0	0	0	0	0	0	0	175-180	0	991.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	115251	18609
80	71910	27745
75	57328	32561
70	50123	35172
65	46136	36640
60	43700	37395
55	42070	37763
50	40926	37922
45	40078	37923

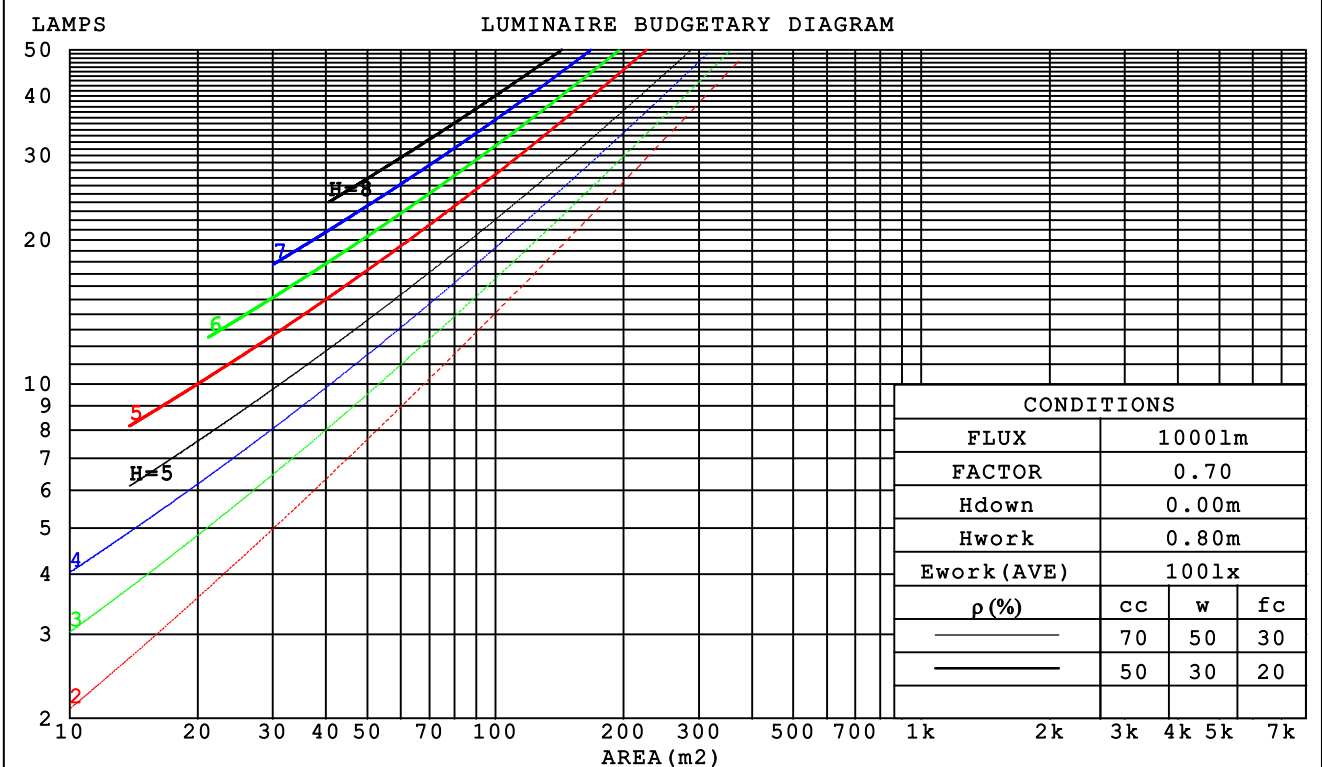
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	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	1.02	.97	.92	.99	.95	.91	.95	.91	.88	.90	.87	.85	.86	.84	.82	.80
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.78	.73	.69	.75	.71	.67	.65
3.0	.76	.68	.61	.75	.67	.60	.71	.64	.59	.68	.62	.57	.66	.61	.56	.54
4.0	.67	.58	.51	.66	.57	.50	.63	.55	.50	.60	.54	.49	.58	.52	.48	.45
5.0	.60	.50	.43	.59	.50	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.44	.38	.53	.44	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.34
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.33	.44	.37	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.41	.34	.29	.39	.33	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.39	.31	.26	.37	.31	.26	.36	.30	.26	.24
10.0	.37	.29	.24	.37	.29	.24	.36	.28	.24	.35	.28	.23	.34	.28	.23	.21



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.347	.197	.062	.339	.194	.061	.325	.186	.060	.312	.180	.058	.300	.174	.056	
2.0	.316	.173	.053	.309	.170	.052	.296	.165	.051	.285	.160	.050	.274	.155	.049	
3.0	.287	.153	.046	.281	.151	.045	.270	.146	.044	.259	.142	.044	.250	.138	.043	
4.0	.262	.136	.040	.257	.134	.040	.247	.131	.039	.237	.127	.038	.229	.124	.038	
5.0	.240	.122	.035	.235	.121	.035	.227	.118	.035	.218	.115	.034	.210	.112	.034	
6.0	.221	.111	.032	.217	.110	.032	.209	.107	.031	.202	.105	.031	.195	.103	.030	
7.0	.205	.101	.029	.201	.100	.029	.194	.098	.028	.188	.096	.028	.181	.094	.028	
8.0	.191	.093	.026	.188	.092	.026	.181	.090	.026	.175	.089	.026	.169	.087	.025	
9.0	.178	.086	.024	.175	.085	.024	.170	.084	.024	.164	.082	.024	.159	.081	.023	
10.0	.167	.080	.022	.165	.079	.022	.159	.078	.022	.154	.077	.022	.150	.075	.022	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.201	.201	.201	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.194	.167	.143	.166	.143	.123	.114	.099	.085	.065	.057	.049	.021	.018	.016	
2.0	.187	.143	.106	.160	.123	.092	.110	.085	.064	.063	.050	.038	.020	.016	.012	
3.0	.179	.126	.083	.153	.108	.072	.105	.075	.051	.061	.044	.030	.020	.014	.010	
4.0	.171	.113	.068	.147	.097	.059	.101	.068	.041	.058	.040	.024	.019	.013	.008	
5.0	.164	.102	.057	.141	.089	.050	.097	.062	.035	.056	.036	.021	.018	.012	.007	
6.0	.156	.094	.049	.134	.081	.043	.093	.057	.030	.054	.034	.018	.017	.011	.006	
7.0	.149	.087	.044	.128	.076	.038	.089	.053	.027	.052	.031	.016	.017	.010	.005	
8.0	.142	.081	.039	.123	.071	.034	.085	.050	.024	.049	.029	.015	.016	.010	.005	
9.0	.136	.076	.036	.117	.066	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
10.0	.130	.072	.033	.112	.063	.029	.078	.044	.021	.045	.026	.012	.015	.009	.004	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g		
SPEC.:2835 120LED					DIM.: 1000*8*1MM			SERIAL No.:2016052701		
MFR.: Dilux					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	26.2	27.7	26.5	28.0	28.2	25.6	27.2	25.9	27.4	27.6
3H	28.4	29.9	28.7	30.1	30.4	27.3	28.7	27.6	29.0	29.3
4H	29.6	31.0	29.9	31.3	31.5	27.9	29.3	28.3	29.6	29.9
6H	30.8	32.1	31.2	32.4	32.7	28.4	29.7	28.7	30.0	30.3
8H	31.5	32.7	31.8	33.0	33.4	28.5	29.8	28.9	30.1	30.4
12H	32.2	33.4	32.6	33.7	34.1	28.6	29.8	28.9	30.1	30.4
4H 2H	26.9	28.3	27.2	28.6	28.8	26.4	27.8	26.8	28.1	28.4
3H	29.3	30.6	29.7	30.9	31.2	28.4	29.6	28.7	29.9	30.2
4H	30.7	31.8	31.1	32.2	32.5	29.2	30.3	29.6	30.7	31.0
6H	32.1	33.1	32.5	33.5	33.9	29.8	30.8	30.2	31.2	31.6
8H	32.9	33.8	33.3	34.2	34.6	30.0	30.9	30.4	31.3	31.7
12H	33.7	34.6	34.2	35.0	35.4	30.1	30.9	30.5	31.4	31.8
8H 4H	31.1	32.0	31.5	32.4	32.8	29.8	30.7	30.2	31.1	31.6
6H	32.8	33.6	33.2	34.0	34.5	30.7	31.5	31.2	31.9	32.4
8H	33.7	34.4	34.2	34.9	35.4	31.0	31.7	31.5	32.2	32.7
12H	34.8	35.4	35.3	35.9	36.4	31.2	31.9	31.7	32.3	32.8
12H 4H	31.1	32.0	31.6	32.4	32.8	30.0	30.8	30.4	31.2	31.7
6H	32.9	33.6	33.4	34.1	34.5	31.0	31.7	31.5	32.1	32.6
8H	33.9	34.6	34.4	35.0	35.5	31.4	32.0	31.9	32.5	33.0
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 Corrected 991.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.0)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

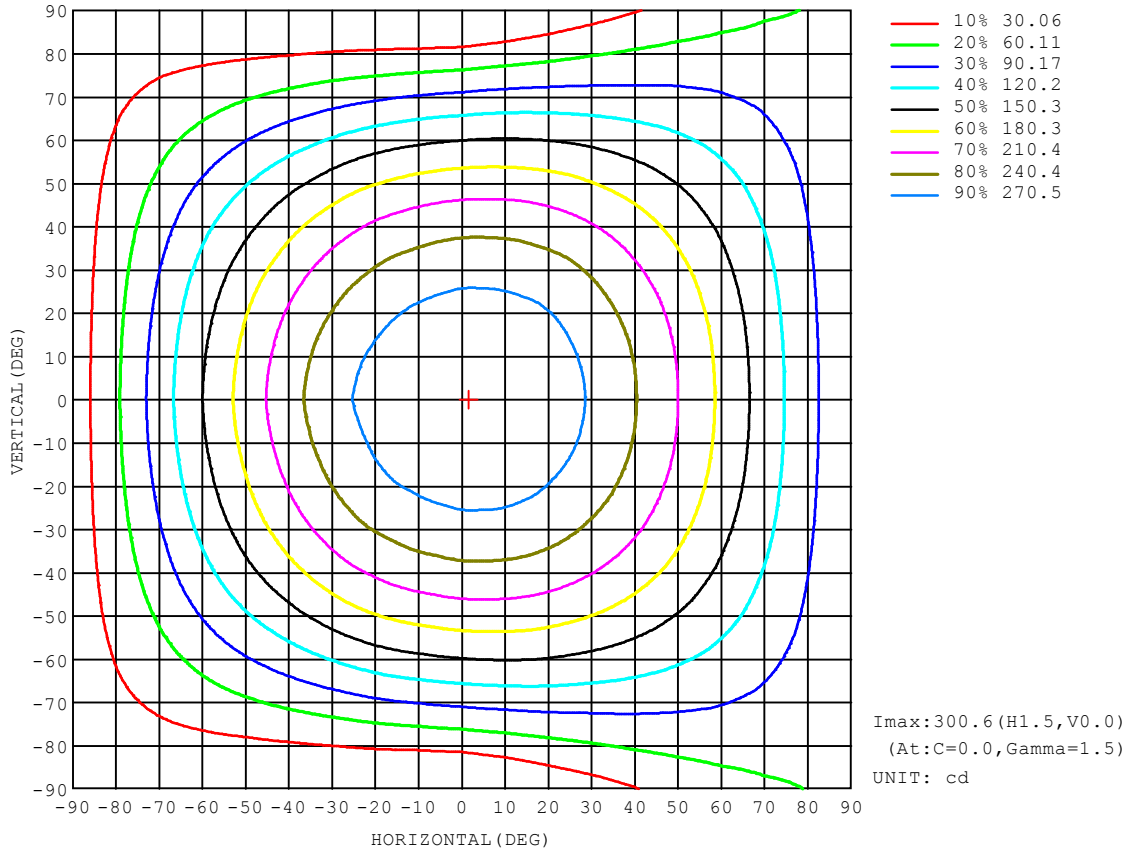
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	35	54	42	35	53	42	35	28
0.80	64	52	44	63	52	44	61	51	44	37
1.00	73	61	53	71	60	53	69	62	52	45
1.25	80	68	61	78	68	60	75	66	59	52
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	82	75	90	81	75	86	79	73	65
2.50	96	87	81	94	86	80	90	83	78	69
3.00	100	92	86	97	90	85	93	87	82	73
4.00	104	97	92	101	96	91	97	92	88	78
5.00	107	101	96	104	99	95	99	95	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

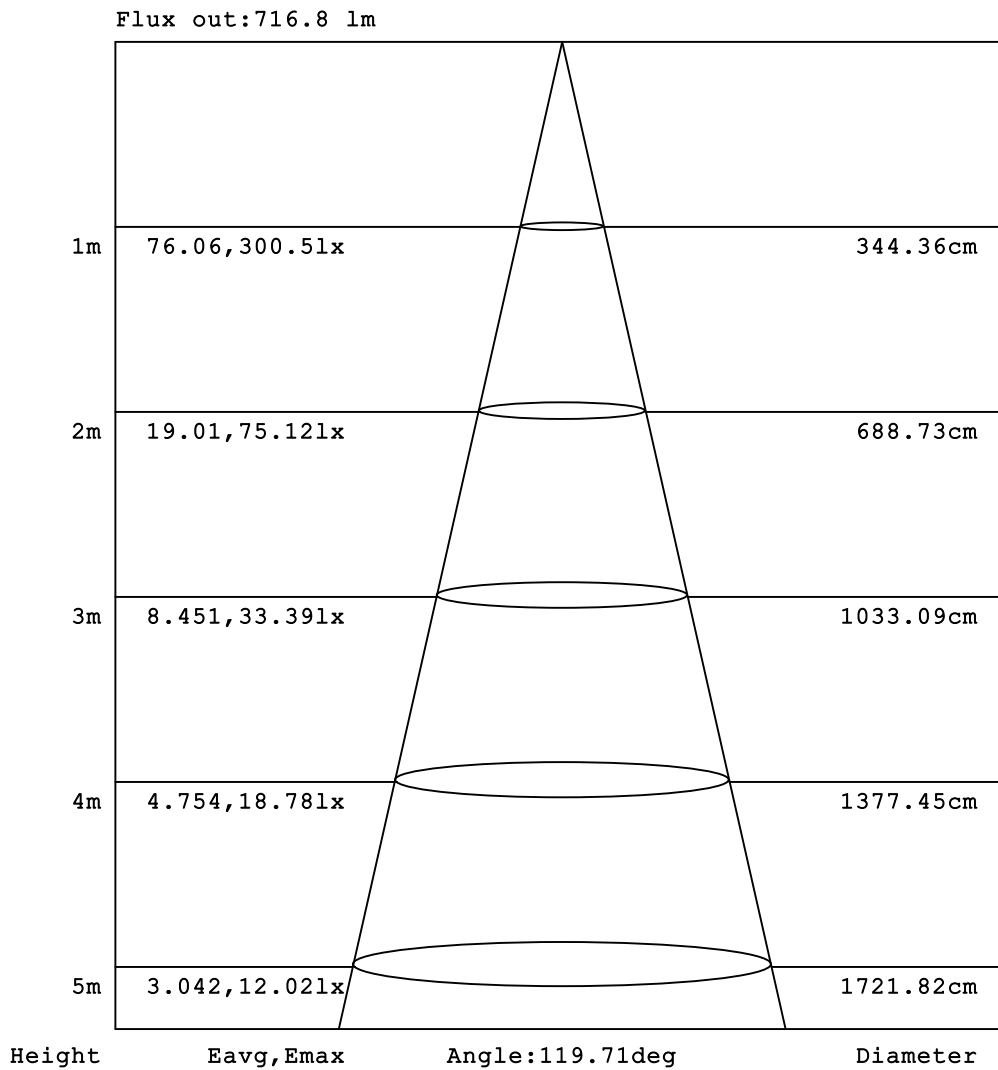


C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
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 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 4.950m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:



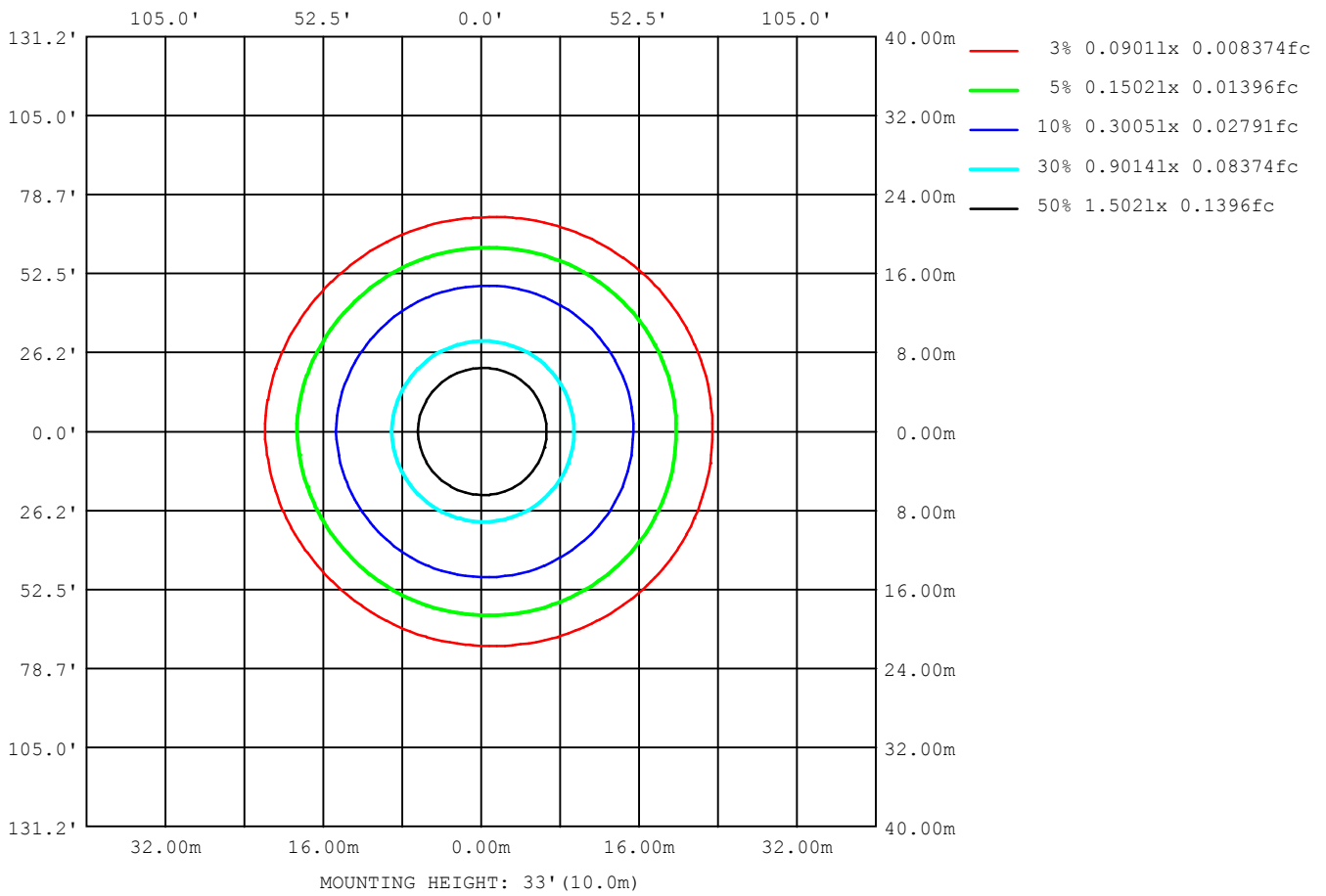
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

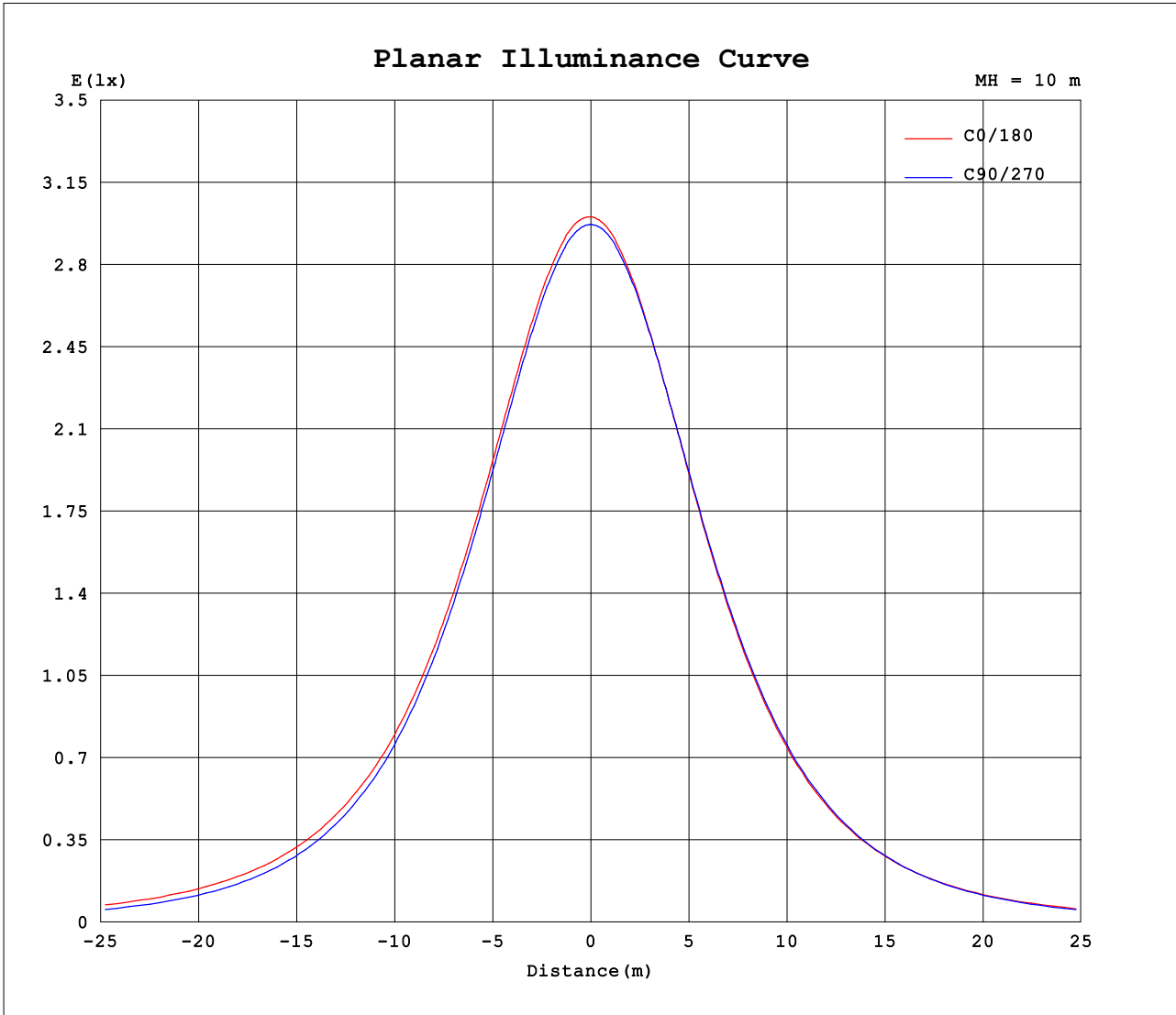
AvgL	cd/m2
L_0~180 (65) av	41986
L_0~180 (75) av	48017
L_0~180 (85) av	81692
L_90~270 (65) av	36600
L_90~270 (75) av	32435
L_90~270 (85) av	18329
L_45 (65) av	39173
L_45 (75) av	40702
L_45 (85) av	53199

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 4.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	300	299	299	298	297	298	297	297	297	297	297	297	297	298	299	299	299	299	300
5	300	299	299	298	297	297	296	296	296	296	295	295	296	296	297	297	297	297	299
10	297	297	296	295	295	295	294	294	293	293	292	292	292	293	293	293	293	293	295
15	293	292	292	291	290	290	289	289	288	288	287	286	286	287	287	287	287	287	289
20	286	286	285	285	284	284	283	282	281	281	279	279	278	279	279	279	279	279	281
25	278	277	277	276	276	276	275	274	272	272	270	269	269	269	269	268	268	269	271
30	267	267	267	266	266	265	264	263	261	260	258	258	257	257	257	256	256	257	259
35	255	255	255	254	254	253	252	250	249	247	245	244	243	244	243	242	242	243	245
40	242	242	241	241	240	239	238	236	234	232	230	229	228	228	227	226	226	227	229
45	227	227	226	226	224	223	221	219	217	215	212	211	210	210	208	208	208	209	212
50	210	211	210	209	207	205	203	201	198	195	192	192	191	190	188	188	189	190	192
55	193	193	192	191	189	186	183	180	176	173	171	170	169	167	167	167	168	169	172
60	175	175	174	172	169	165	161	158	153	150	147	146	145	143	143	144	146	147	150
65	156	156	155	152	148	144	138	133	128	124	121	120	118	118	119	121	123	125	128
70	137	137	135	132	127	121	114	108	101	96.2	93.5	92.7	91.3	91.7	93.5	96.3	99.1	101	105
75	119	119	116	112	106	97.7	88.9	80.9	73.0	67.4	64.9	64.3	63.8	65.1	67.5	71.0	74.2	77.0	80.1
80	99.9	99.7	96.9	91.5	83.5	74.4	64.0	54.3	45.0	38.5	36.7	37.1	37.2	38.8	41.4	45.3	49.0	52.4	55.6
85	80.4	80.0	76.4	70.3	61.4	51.2	40.1	29.8	19.8	13.0	12.9	13.6	14.0	15.9	18.9	23.2	27.3	30.7	33.6
90	61.4	60.6	56.3	49.3	39.6	29.1	18.3	9.42	1.80	0.00	0.00	0.00	0.92	2.92	5.28	8.32	11.5	14.4	16.4
95	45.7	44.5	39.4	31.2	21.0	11.0	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	3.86	6.48	7.66
100	33.1	31.5	25.2	15.8	6.01	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
105	18.5	17.1	10.6	2.21	0.00	0.00	0.00	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: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.01V I:0.5236A P:12.57W PF:1.0000 Lamp Flux:991.915x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2835 120LED	DIM.: 1000*8*1MM	SERIAL No.:2016052701
MFR.: Dilux	SUR.:1000*8mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	299	299	298	297	298	297	297	297	297	297	297	297	298	299	299	299	299		
5	298	297	296	296	296	295	295	296	296	296	296	297	298	299	298	299	299		
10	294	293	292	292	292	292	292	292	293	293	294	295	296	296	296	296	297		
15	288	287	286	286	286	286	286	287	288	288	289	290	291	292	292	292	292		
20	280	279	278	278	278	279	279	280	281	281	283	284	285	286	285	285	286		
25	270	269	269	268	269	269	269	270	272	273	274	275	277	277	277	277	277		
30	258	258	257	257	257	258	258	259	261	262	263	265	267	267	267	267	267		
35	244	244	243	243	243	244	244	246	247	249	251	252	255	255	255	255	255		
40	228	228	227	227	227	229	229	230	232	234	236	238	240	241	241	242	242		
45	210	210	209	209	210	211	211	213	215	217	220	222	224	225	226	227	227		
50	191	190	189	189	190	191	191	193	195	198	201	204	206	208	209	211	211		
55	170	169	168	167	168	169	170	171	173	177	180	184	187	189	191	193	193		
60	149	147	145	144	144	145	146	147	149	154	158	162	166	170	173	175	175		
65	127	125	122	120	119	119	120	121	124	128	133	139	144	149	153	155	156		
70	103	101	97.2	94.6	92.5	92.0	92.2	93.5	95.8	101	107	114	121	128	133	136	137		
75	78.5	75.8	72.0	68.8	66.0	64.8	64.0	64.6	66.9	73.0	80.4	88.9	97.6	106	113	117	119		
80	53.9	50.8	46.5	42.9	39.9	38.3	37.0	36.5	38.1	44.8	53.5	63.8	74.1	83.8	91.9	97.6	100		
85	31.9	28.7	24.1	20.2	16.9	15.0	13.6	12.8	12.6	19.5	28.9	39.7	50.7	61.5	70.3	77.0	80.4		
90	14.9	12.2	8.70	5.79	3.15	1.17	0.00	0.00	0.00	1.40	8.40	17.8	28.4	39.6	49.2	56.8	60.9		
95	6.34	3.63	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	10.5	20.8	30.9	39.6	44.7		
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	5.89	15.2	24.7	31.2		
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	2.56	12.7	19.1		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-05-27

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks: