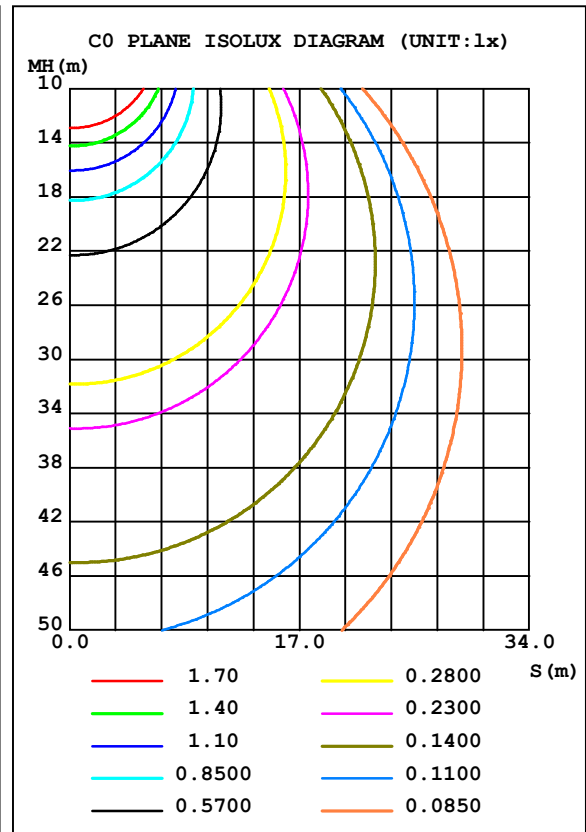
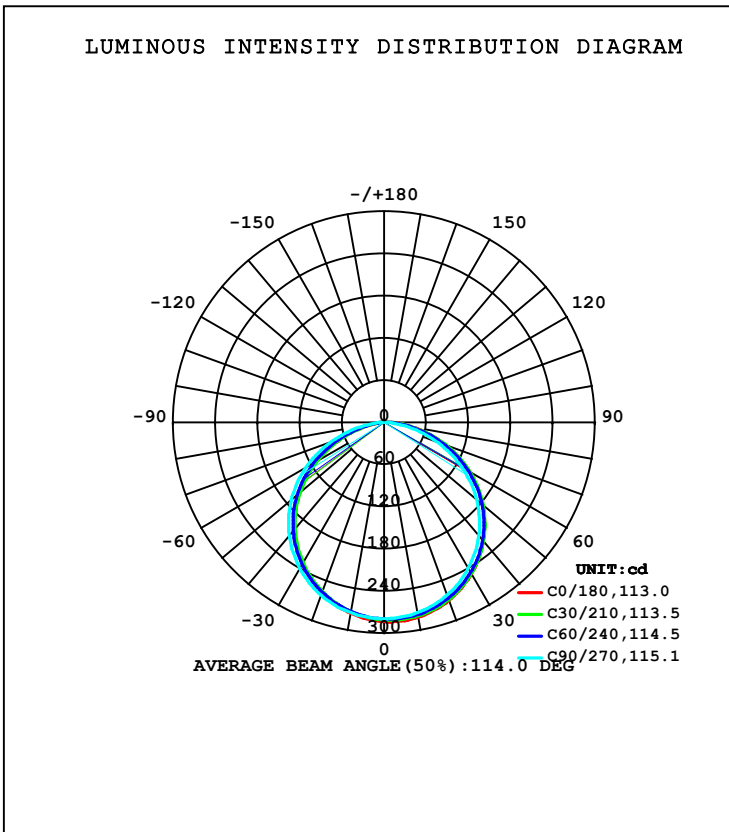


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.01V I:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.23 lm/W			
MODEL WW-FLS102T21WW120B-24		I _{max} (cd)	283.9	S/MH (C0/180)	1.23
NOMINAL POWER (W)	13.41	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	DC 24	TOTAL FLUX (lm)	813.02	η UP, DN (C0-180)	0.0, 49.8
NOMINAL FLUX (lm)	813.017	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:

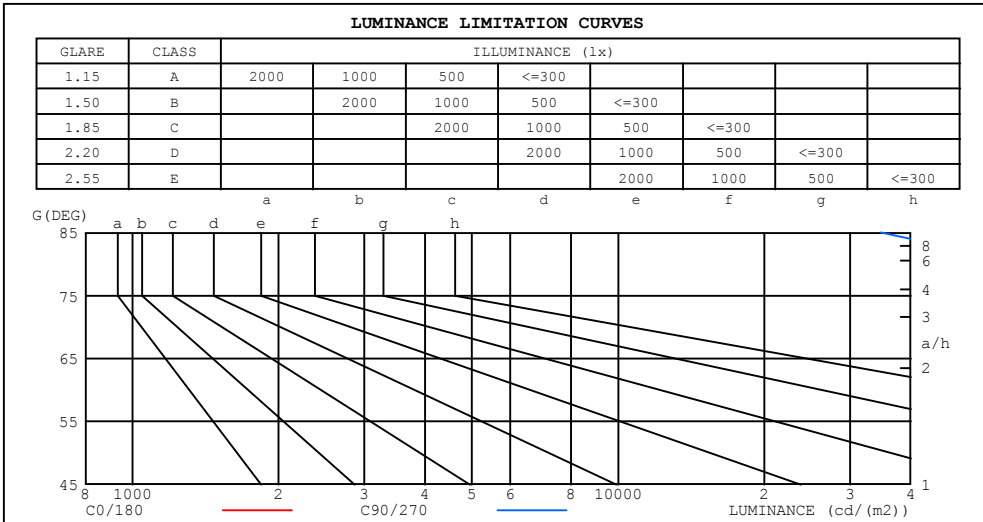
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	281.4	278.9	274.9	273.3	275.7	272.9	275.0	280.2	0- 10	26.60	26.60	3.27,3.27
20	269.7	268.0	261.6	256.3	258.4	256.3	261.8	269.9	10- 20	76.37	103.0	12.7,12.7
30	249.0	248.4	239.8	230.8	232.5	231.0	240.1	250.7	20- 30	116.3	219.3	27,27
40	220.0	220.2	209.9	197.2	198.5	197.8	210.3	223.1	30- 40	141.2	360.5	44.3,44.3
50	183.4	184.3	172.4	156.1	157.4	157.5	172.9	187.7	40- 50	147.5	508.1	62.5,62.5
60	140.0	141.5	127.9	108.9	110.7	110.9	128.7	145.2	50- 60	133.8	641.9	78.9,78.9
70	91.64	92.80	78.19	58.19	60.57	60.60	78.90	96.83	60- 70	101.2	743.0	91.4,91.4
80	42.03	42.41	28.87	14.24	16.15	15.85	29.12	46.34	70- 80	55.56	798.6	98.2,98.2
90	4.940	4.792	0	0	0	0	0	7.195	80- 90	14.06	812.6	100,100
100	0	0	0	0	0	0	0	0	90-100	0.3789	813.0	100,100
110	0	0	0	0	0	0	0	0	100-110	0	813.0	100,100
120	0	0	0	0	0	0	0	0	110-120	0	813.0	100,100
130	0	0	0	0	0	0	0	0	120-130	0	813.0	100,100
140	0	0	0	0	0	0	0	0	130-140	0	813.0	100,100
150	0	0	0	0	0	0	0	0	140-150	0	813.0	100,100
160	0	0	0	0	0	0	0	0	150-160	0	813.0	100,100
170	0	0	0	0	0	0	0	0	160-170	0	813.0	100,100
180	0	0	0	0	0	0	0	0	170-180	0	813.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:



LUMINANCE cd/ (m2)		
G (DEG)	C0/180	C90/270
85	78643	34779
80	80671	55420
75	85518	67951
70	89317	76202
65	91782	81657
60	93317	85237
55	94436	87714
50	95095	89385
45	95452	90527

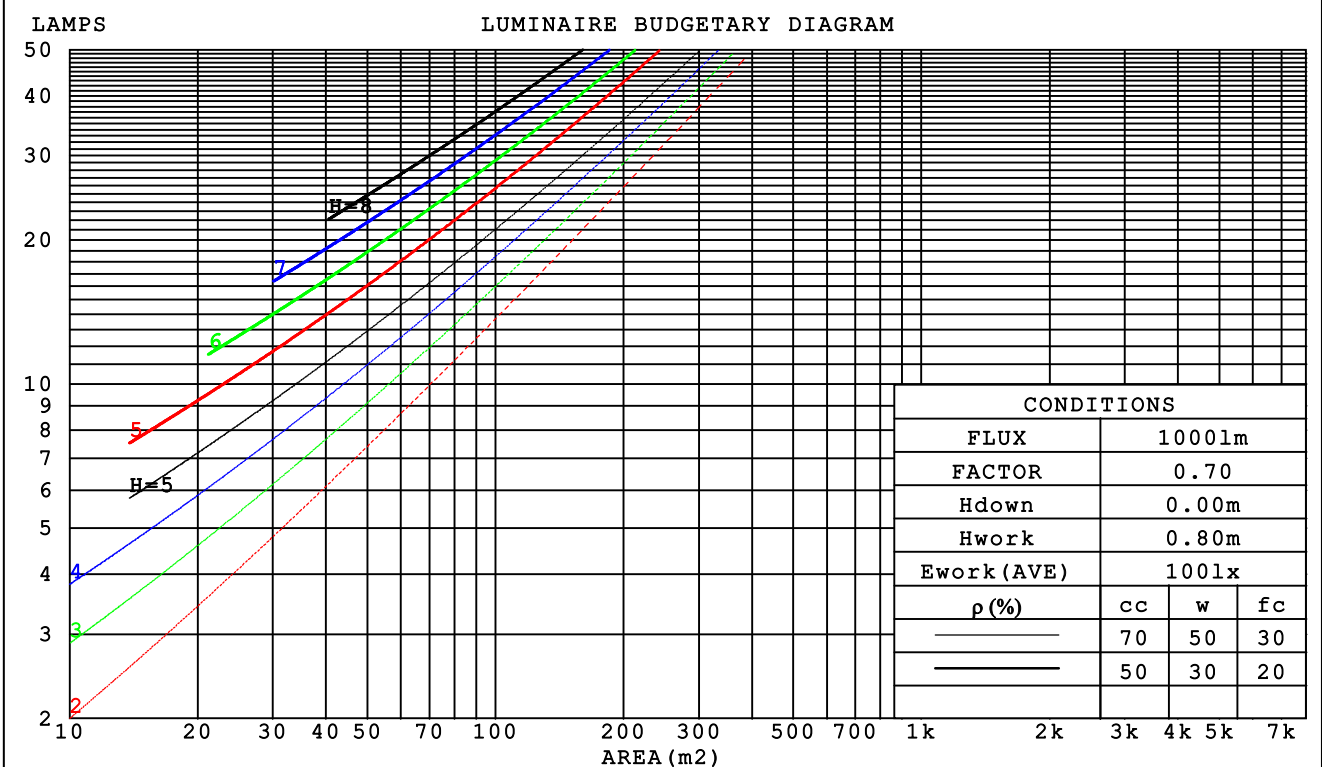
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	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	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.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: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.264	.153	.049	
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045	
3.0	.270	.144	.043	.264	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.249	.130	.038	.244	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.117	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.196	.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	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.083	.039	.123	.072	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.061	.025	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm										
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g		
SPEC.:2016 120LED					DIM.: 1000*3*1mm			SERIAL No.:20161008003		
MFR.: Dilux					SUR.:1000*3mm			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	29.1	30.6	29.3	30.8	31.0	28.8	30.3	29.1	30.5	30.7
3H	30.8	32.2	31.1	32.4	32.6	30.3	31.7	30.6	32.0	32.2
4H	31.5	32.8	31.8	33.0	33.3	30.9	32.2	31.2	32.5	32.7
6H	32.0	33.3	32.3	33.5	33.8	31.2	32.5	31.5	32.7	33.0
8H	32.2	33.4	32.5	33.7	34.0	31.3	32.5	31.6	32.8	33.1
12H	32.3	33.5	32.7	33.8	34.1	31.3	32.5	31.7	32.8	33.1
4H 2H	29.7	31.1	30.1	31.3	31.6	29.5	30.9	29.8	31.1	31.4
3H	31.6	32.8	32.0	33.1	33.4	31.3	32.4	31.6	32.7	33.0
4H	32.4	33.5	32.8	33.8	34.2	32.0	33.0	32.3	33.3	33.7
6H	33.1	34.1	33.5	34.4	34.8	32.4	33.4	32.8	33.7	34.1
8H	33.4	34.3	33.8	34.6	35.0	32.6	33.4	33.0	33.8	34.2
12H	33.6	34.4	34.0	34.8	35.2	32.6	33.4	33.0	33.8	34.2
8H 4H	32.8	33.6	33.2	34.0	34.4	32.3	33.2	32.7	33.6	34.0
6H	33.6	34.3	34.0	34.7	35.2	33.0	33.7	33.4	34.1	34.6
8H	34.0	34.6	34.4	35.0	35.5	33.2	33.9	33.7	34.3	34.7
12H	34.3	34.8	34.7	35.3	35.7	33.3	33.9	33.8	34.3	34.8
12H 4H	32.8	33.6	33.2	34.0	34.4	32.4	33.2	32.8	33.6	34.0
6H	33.7	34.3	34.1	34.8	35.2	33.1	33.7	33.5	34.2	34.6
8H	34.1	34.6	34.6	35.1	35.6	33.4	33.9	33.8	34.4	34.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 813.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.7)

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:

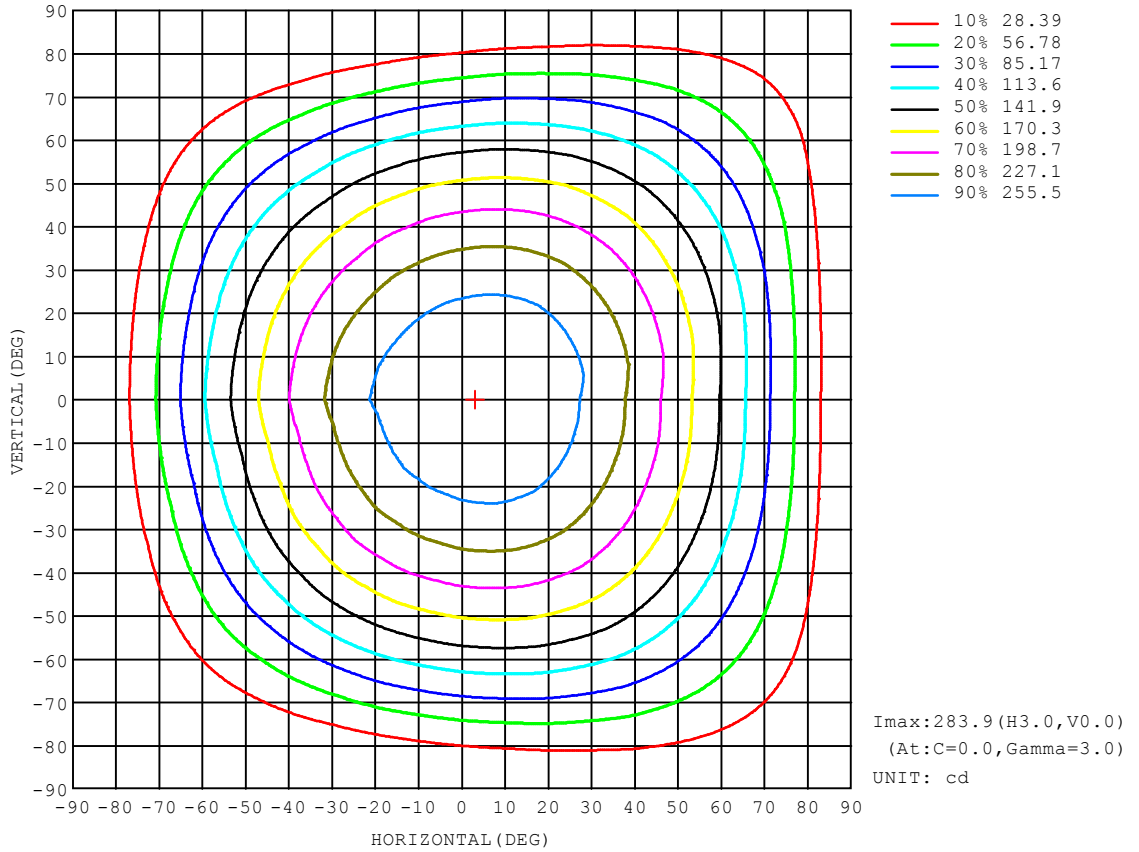
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:

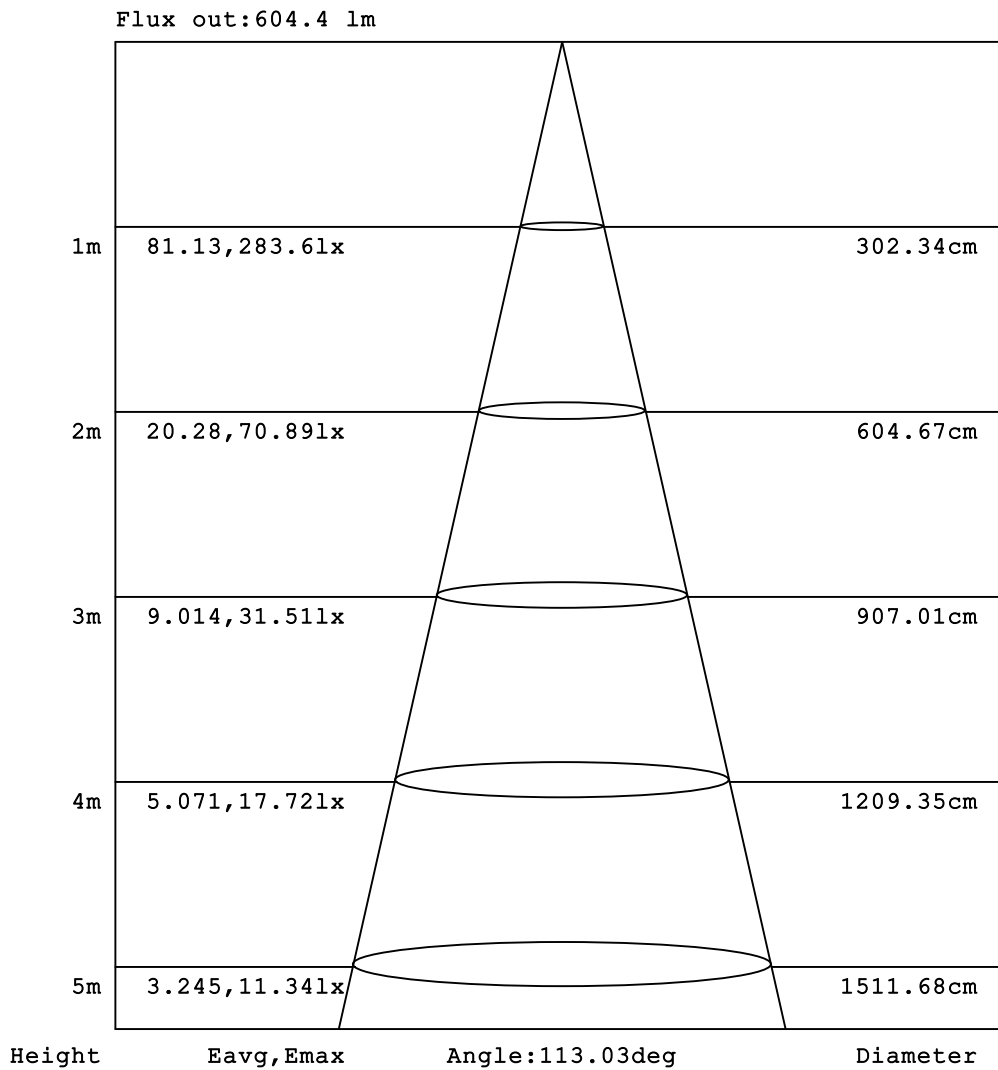


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:



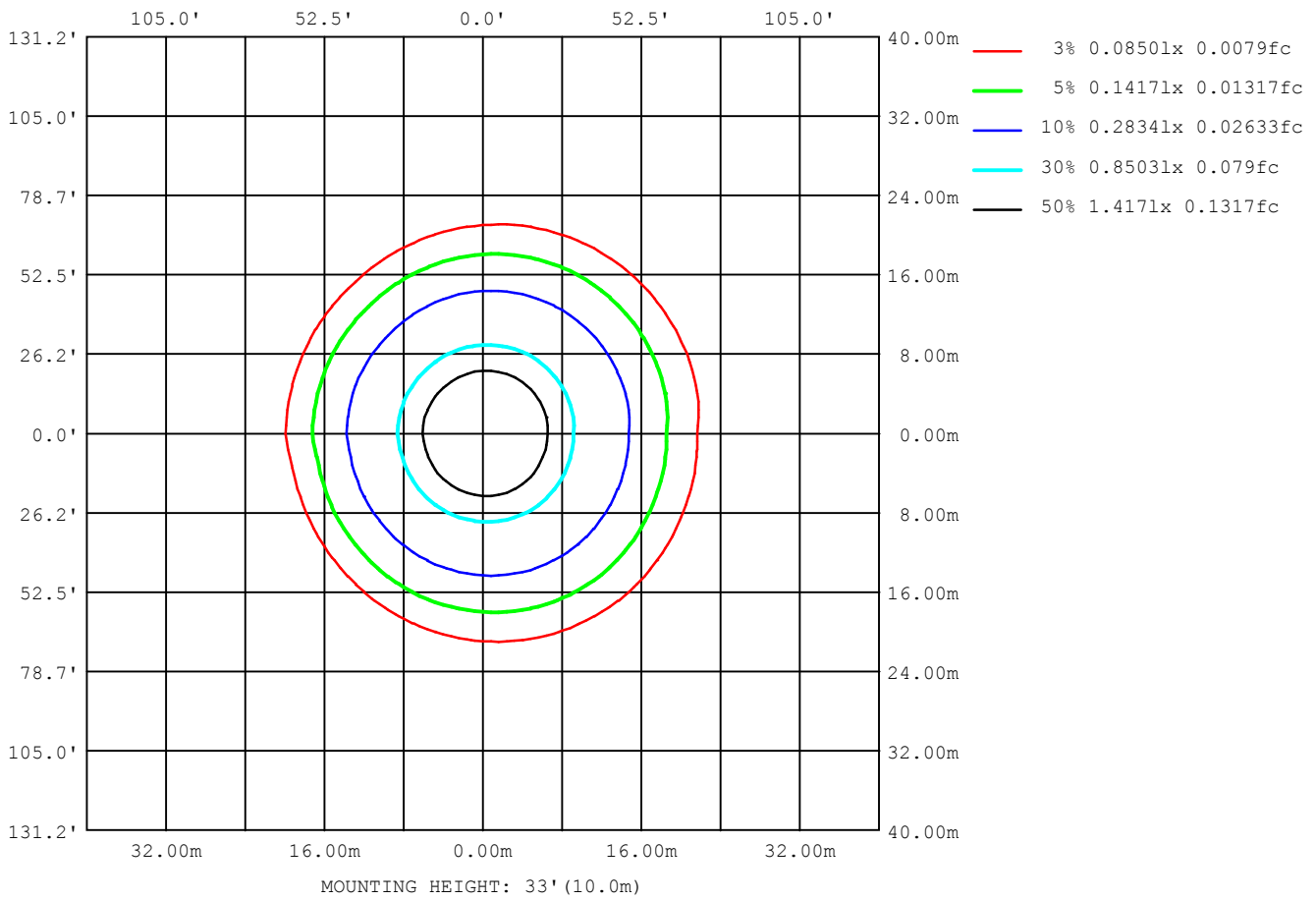
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	Shielding Angle:

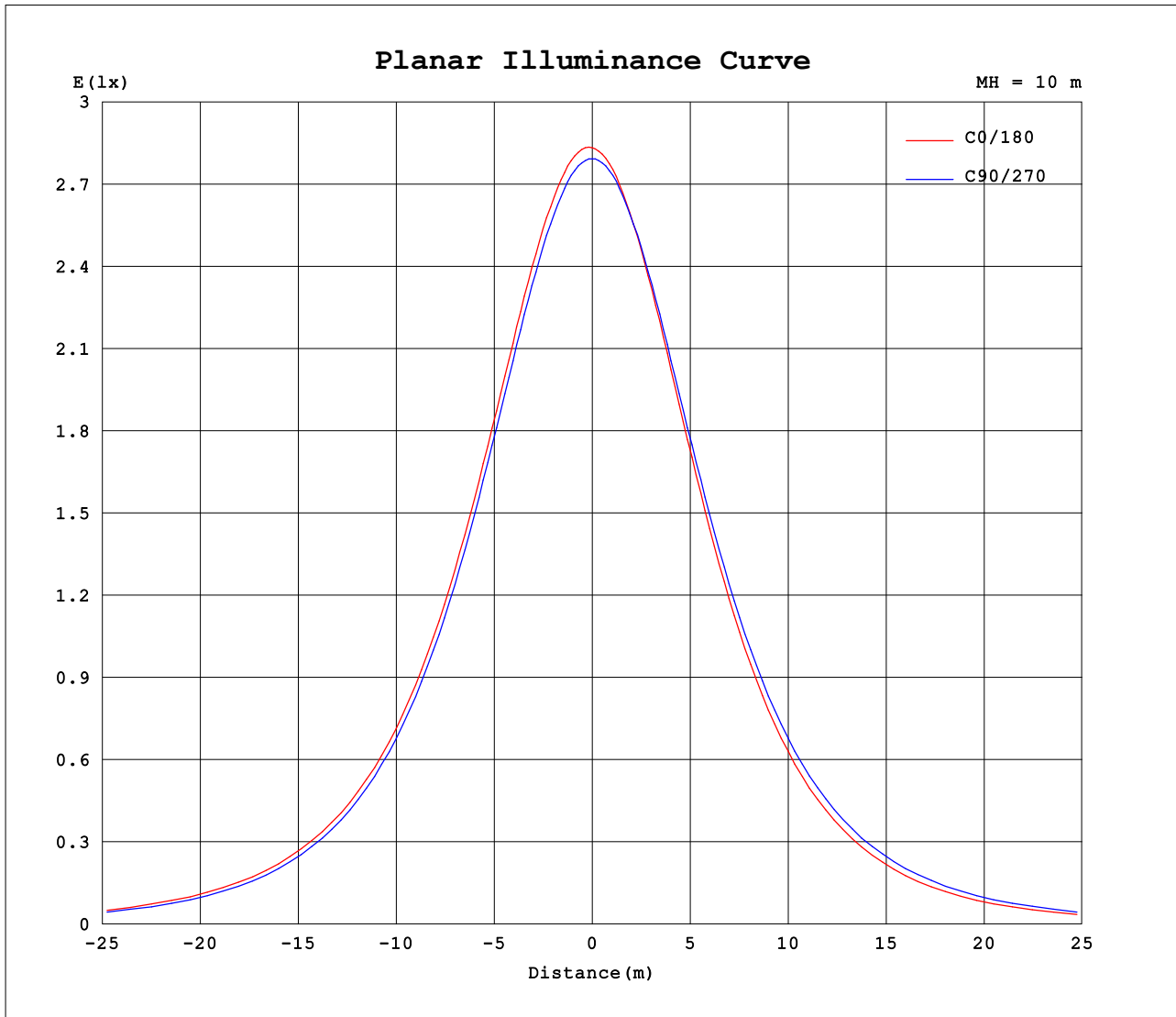
AvgL	cd/m2
L_0~180 (65) av	79664
L_0~180 (75) av	66337
L_0~180 (85) av	43322
L_90~270 (65) av	81961
L_90~270 (75) av	68302
L_90~270 (85) av	34480
L_45 (65) av	80653
L_45 (75) av	67419
L_45 (85) av	45142

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	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	283	282	282	281	281	281	280	280	280	279	279	280	280	281	282	282	282	283	283
5	284	283	282	282	281	281	280	280	279	278	278	278	278	278	279	278	278	279	281
10	281	281	280	280	279	279	278	277	276	275	274	274	273	273	273	273	273	273	276
15	277	276	276	275	275	274	273	272	271	269	268	267	266	266	266	265	265	265	268
20	270	269	269	269	268	268	266	265	263	262	260	259	257	257	256	255	254	255	258
25	260	260	260	260	259	259	257	256	254	252	249	248	246	245	244	243	242	242	246
30	249	249	249	249	248	248	246	245	242	240	237	235	233	232	230	229	227	228	232
35	235	236	235	236	235	235	233	232	229	226	223	221	218	217	213	212	211	211	216
40	220	220	220	220	220	220	218	216	213	210	206	204	200	199	195	194	193	193	198
45	202	203	203	203	203	203	201	199	195	192	188	185	182	180	176	174	173	173	179
50	183	184	184	184	184	184	182	180	176	172	168	165	161	158	154	152	151	151	157
55	162	163	163	164	164	164	161	159	155	151	146	143	139	135	131	129	128	128	135
60	140	141	141	141	142	141	139	136	132	128	123	119	115	111	107	106	103	104	111
65	116	117	118	118	118	117	115	112	108	104	98.6	94.5	89.3	85.5	81.8	80.0	78.7	78.7	85.6
70	91.6	92.9	92.6	92.9	93.1	92.5	89.5	86.7	82.3	78.2	73.2	69.0	63.6	59.9	56.5	54.9	53.7	53.9	60.6
75	66.4	67.9	67.7	67.8	67.7	67.1	63.9	61.1	56.6	52.8	48.0	43.7	38.7	35.7	32.9	31.7	30.3	30.8	36.6
80	42.0	43.1	43.0	43.2	42.8	42.0	38.9	36.2	32.1	28.9	24.9	20.9	17.2	15.3	13.2	12.4	11.6	11.9	16.1
85	20.6	21.5	21.1	21.2	20.8	20.0	17.3	14.9	11.6	9.09	6.55	4.55	2.66	1.64	0.68	0.37	0.02	0.07	2.09
90	4.94	5.63	5.39	5.40	5.08	4.51	2.67	1.01	0.01	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: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:0.5623A P:13.50W PF:1.0000 Lamp Flux:813.017x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 120LED	DIM.: 1000*3*1mm	SERIAL No.:20161008003
MFR.: Dilux	SUR.:1000*3mm	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	282	282	281	281	281	280	280	280	279	279	280	280	281	282	282	282	283			
5	280	279	278	278	278	278	278	278	278	279	280	281	282	282	283	283	283			
10	274	274	273	273	273	273	274	274	275	276	277	279	280	281	281	281	282			
15	267	266	266	265	266	266	267	269	270	271	273	274	276	277	277	278	278			
20	257	257	256	256	257	258	259	260	262	264	266	267	269	270	271	271	272			
25	245	245	244	244	245	247	248	250	252	254	257	259	261	262	263	263	263			
30	231	231	231	231	231	233	235	238	240	243	245	248	250	251	252	252	252			
35	215	215	215	215	216	218	220	224	226	229	232	235	238	239	239	240	239			
40	197	197	197	197	198	202	204	207	210	214	217	220	223	224	225	225	225			
45	177	178	177	178	179	183	185	189	193	196	200	203	205	207	208	208	208			
50	156	156	156	157	158	162	165	169	173	177	181	185	187	189	189	190	189			
55	133	133	133	134	135	139	143	148	152	156	160	164	166	168	169	169	169			
60	109	109	109	110	112	115	119	125	129	134	138	142	144	146	147	148	147			
65	84.1	84.6	84.7	85.2	86.6	90.5	94.5	99.9	104	110	114	118	121	123	124	124	123			
70	59.1	59.3	59.3	60.0	61.2	65.0	68.8	74.4	78.9	84.5	88.7	92.9	95.6	98.1	99.2	99.6	98.7			
75	35.3	35.5	35.5	35.9	36.8	40.2	43.6	48.8	53.3	58.9	62.9	67.3	70.0	72.7	73.6	74.6	73.5			
80	15.2	15.5	15.4	15.6	16.1	18.5	20.9	25.1	29.1	34.1	37.9	42.1	45.0	47.7	48.7	49.5	48.6			
85	1.64	1.73	1.66	1.72	1.91	3.21	4.47	6.65	8.94	13.0	16.2	20.0	22.5	25.0	26.2	26.8	26.3			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	4.44	6.29	8.10	8.70	9.50	8.78		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:4.950m [K=1.0000]
 Remarks: