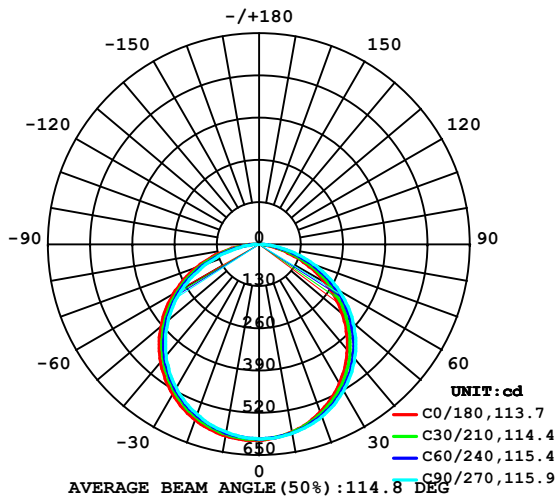


LUMINAIRE PHOTOMETRIC TEST REPORT

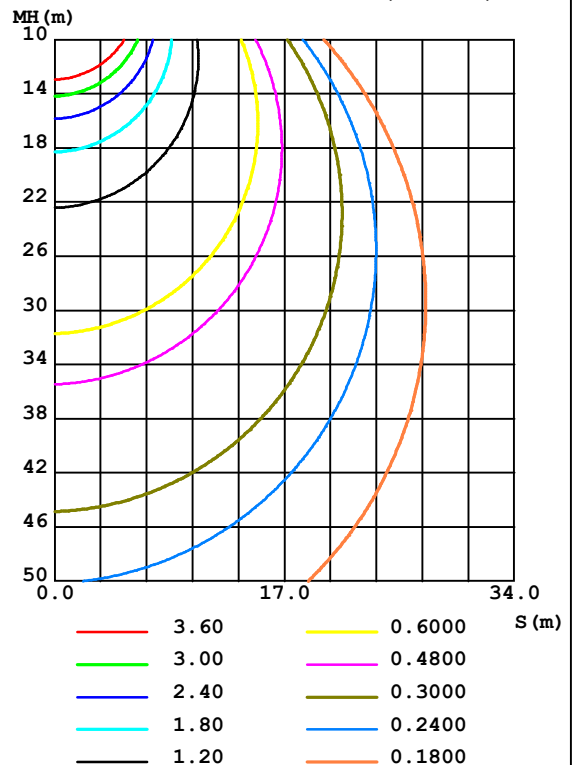
Test:U:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.87 lm/W			
MODEL:WW-MODEL102T21XX240B-24 (WCP) -HR		I _{max} (cd)	604.7	S/MH (C0/180)	1.31
NOMINAL POWER(W)	24.93	LOR(%)	181.6	S/MH (C90/270)	1.27
RATED VOLTAGE(V)	DC 24	TOTAL FLUX(lm)	1748.8	η UP,DN (C0-180)	0.0,91.0
NOMINAL FLUX(lm)	962.8	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,90.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	181.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:

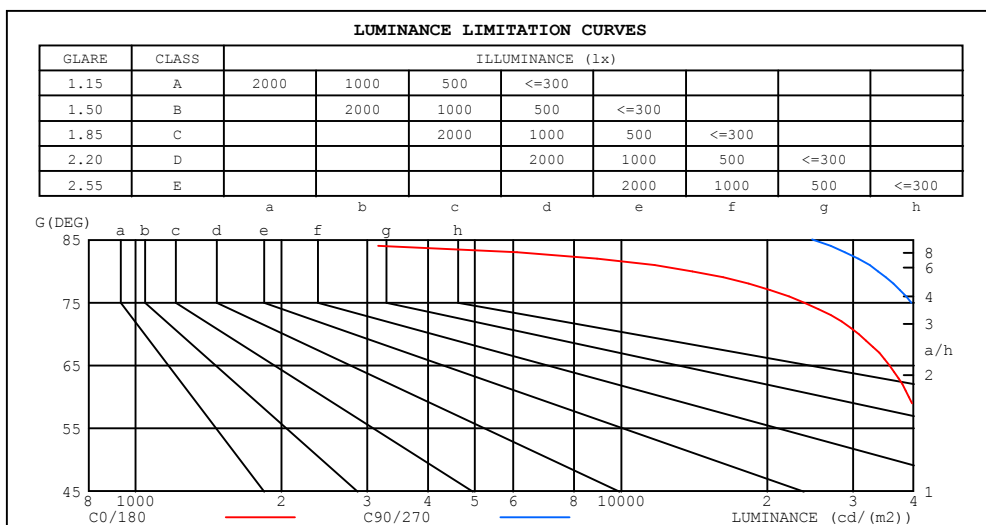
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	587.2	589.4	591.6	595.5	599.9	591.9	588.0	589.2	0- 10	56.90	56.90	3.25,5.91
20	550.8	559.5	565.8	570.3	576.0	564.8	558.5	557.3	10- 20	163.5	220.4	12.6,22.9
30	495.9	511.0	521.5	526.7	533.5	519.2	511.3	507.1	20- 30	249.5	470.0	26.9,48.8
40	423.8	444.4	459.5	465.0	472.7	456.2	446.8	439.3	30- 40	303.6	773.5	44.2,80.3
50	336.1	361.5	380.4	386.1	395.9	377.6	366.7	355.3	40- 50	317.9	1091	62.4,113
60	234.7	263.9	285.7	292.2	305.0	284.7	272.5	255.8	50- 60	289.2	1381	78.9,143
70	126.6	155.0	178.7	186.2	202.4	181.9	164.3	149.8	60- 70	219.7	1600	91.5,166
80	29.18	50.52	70.43	78.22	95.82	75.26	59.30	46.88	70- 80	120.4	1721	98.4,179
90	0	0	0	2.988	10.73	2.759	0	0	80- 90	27.81	1748	100,182
100	0	0	0	0	0	0	0	0	90-100	0.1535	1749	100,182
110	0	0	0	0	0	0	0	0	100-110	0	1749	100,182
120	0	0	0	0	0	0	0	0	110-120	0	1749	100,182
130	0	0	0	0	0	0	0	0	120-130	0	1749	100,182
140	0	0	0	0	0	0	0	0	130-140	0	1749	100,182
150	0	0	0	0	0	0	0	0	140-150	0	1749	100,182
160	0.2030	0.1417	0.2381	0.0232	0.0006	0.1248	0.3289	0.2505	150-160	0.0146	1749	100,182
170	0.7784	0.6553	0.7410	0.6824	0.6763	0.6869	0.7830	0.7188	160-170	0.1172	1749	100,182
180	1.106	1.005	1.034	1.043	1.108	1.007	1.038	1.043	170-180	0.0813	1749	100,182
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	253	24747
80	14002	33797
75	23864	39595
70	30842	43547
65	35707	46053
60	39125	47623
55	41690	48656
50	43568	49323
45	44972	49737

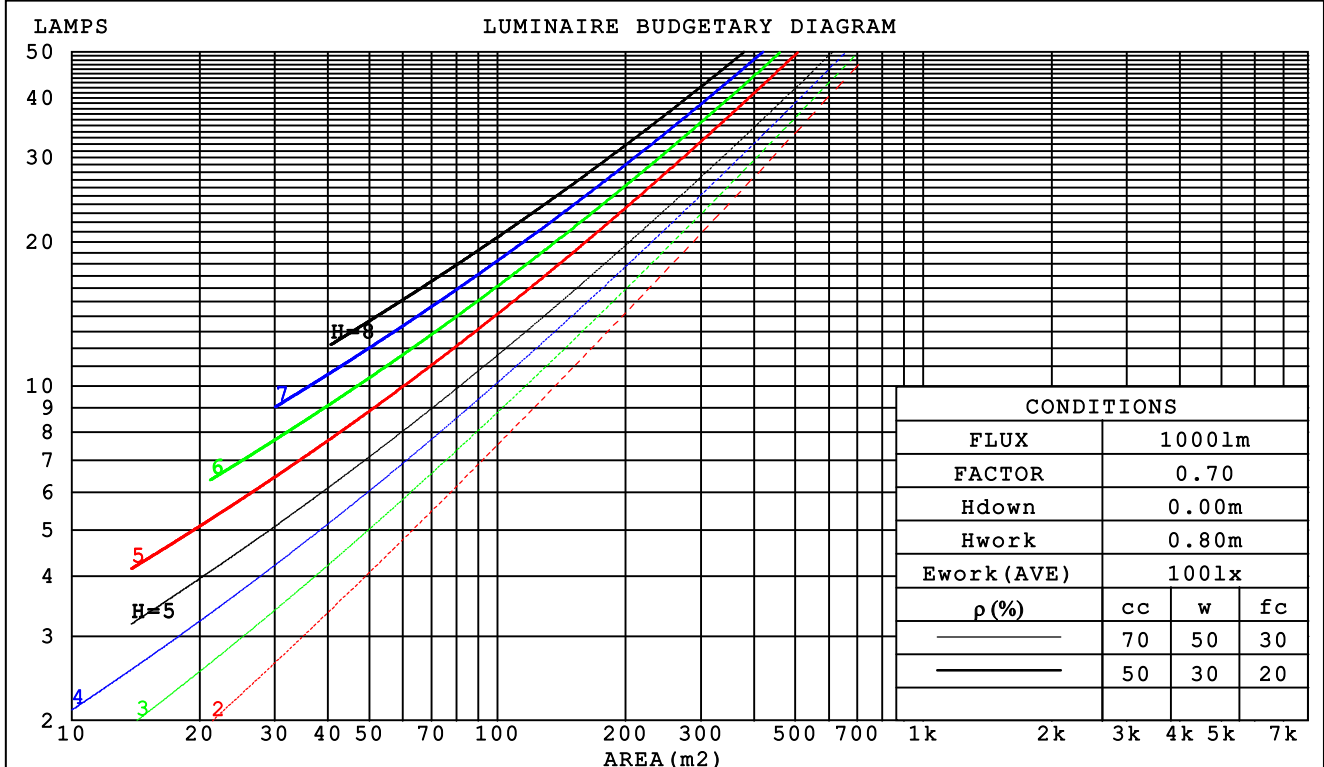
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	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															



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	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	.558	.318	.101	.545	.311	.099	.521	.299	.096	.499	.288	.092	.479	.278	.089	
2.0	.528	.290	.089	.517	.285	.088	.496	.276	.086	.476	.267	.084	.458	.259	.082	
3.0	.490	.261	.078	.480	.257	.077	.461	.250	.076	.444	.243	.075	.428	.237	.073	
4.0	.453	.235	.069	.444	.232	.069	.427	.227	.068	.412	.221	.067	.398	.216	.066	
5.0	.419	.214	.062	.411	.211	.061	.396	.206	.061	.383	.202	.060	.370	.198	.059	
6.0	.389	.195	.056	.382	.193	.056	.369	.189	.055	.356	.185	.054	.345	.181	.054	
7.0	.362	.179	.051	.356	.177	.051	.344	.174	.050	.333	.171	.050	.322	.168	.049	
8.0	.338	.165	.046	.333	.164	.046	.322	.161	.046	.312	.158	.046	.303	.155	.045	
9.0	.317	.153	.043	.312	.152	.043	.302	.149	.042	.293	.147	.042	.285	.145	.042	
10.0	.298	.143	.040	.293	.142	.040	.285	.140	.039	.277	.137	.039	.269	.135	.039	

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	.346	.346	.346	.296	.296	.296	.202	.202	.202	.116	.116	.116	.037	.037	.037	
1.0	.327	.284	.245	.280	.244	.211	.192	.168	.146	.110	.097	.085	.035	.031	.027	
2.0	.313	.240	.178	.268	.207	.154	.184	.143	.108	.106	.083	.063	.034	.027	.021	
3.0	.299	.208	.135	.256	.179	.117	.176	.125	.082	.102	.073	.048	.033	.024	.016	
4.0	.285	.184	.106	.245	.159	.092	.168	.111	.065	.097	.065	.038	.031	.021	.013	
5.0	.272	.165	.086	.234	.143	.075	.161	.100	.053	.093	.059	.031	.030	.019	.010	
6.0	.259	.150	.071	.223	.130	.062	.154	.091	.044	.089	.053	.026	.029	.017	.009	
7.0	.247	.137	.060	.212	.119	.053	.147	.083	.037	.085	.049	.022	.028	.016	.007	
8.0	.235	.127	.052	.202	.110	.046	.140	.077	.032	.081	.045	.019	.026	.015	.006	
9.0	.224	.118	.046	.193	.102	.040	.134	.072	.028	.078	.042	.017	.025	.014	.006	
10.0	.213	.110	.041	.184	.095	.036	.128	.067	.025	.074	.040	.015	.024	.013	.005	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm											
NAME: LED Strip					TYPE:Indoor lighting			WEIGHT:25g			
SPEC.:2016 240LED					DIM.: 1000*3.5*1MM			SERIAL No.:20161027002			
MFR.: Dilux					SUR.:1000*12mm			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	25.7	27.2	25.9	27.4	27.6	26.4	27.9	26.7	28.1	28.3	
	3H	26.9	28.3	27.2	28.5	28.7	27.9	29.4	28.2	29.6	
	4H	27.2	28.6	27.5	28.8	29.1	28.5	29.9	28.8	30.1	
	6H	27.3	28.6	27.7	28.9	29.1	28.9	30.2	29.2	30.5	
	8H	27.3	28.5	27.6	28.8	29.1	29.0	30.2	29.4	30.5	
	12H	27.2	28.4	27.6	28.7	29.0	29.1	30.2	29.4	30.5	
4H	2H	26.3	27.7	26.7	27.9	28.2	26.9	28.3	27.2	28.5	
	3H	27.7	28.9	28.1	29.2	29.5	28.6	29.8	29.0	30.1	
	4H	28.1	29.2	28.5	29.5	29.9	29.3	30.4	29.7	30.7	
	6H	28.3	29.3	28.7	29.6	30.0	29.8	30.8	30.2	31.1	
	8H	28.3	29.2	28.7	29.6	30.0	30.0	30.8	30.4	31.2	
	12H	28.3	29.1	28.7	29.5	29.9	30.0	30.8	30.5	31.2	
8H	4H	28.4	29.3	28.8	29.7	30.0	29.5	30.4	29.9	30.7	
	6H	28.7	29.4	29.1	29.8	30.3	30.1	30.8	30.5	31.2	
	8H	28.7	29.4	29.2	29.8	30.2	30.3	30.9	30.7	31.3	
	12H	28.7	29.2	29.2	29.7	30.2	30.4	31.0	30.9	31.4	
12H	4H	28.4	29.2	28.8	29.6	30.0	29.4	30.3	29.9	30.6	
	6H	28.7	29.4	29.2	29.8	30.3	30.1	30.7	30.5	31.1	
	8H	28.8	29.3	29.2	29.8	30.3	30.3	30.9	30.8	31.3	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 962.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:

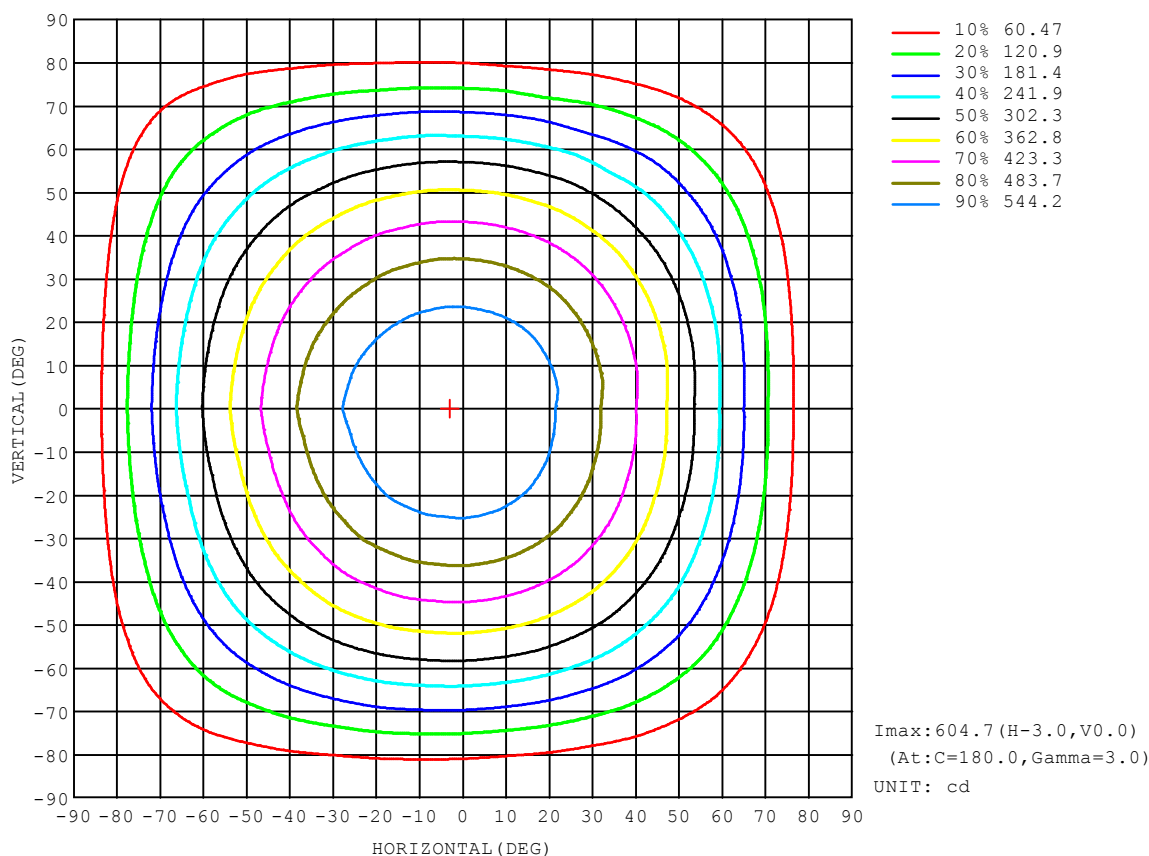
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k (RI) x RCR = 5									
k = 0.60	104	83	70	103	82	70	100	81	70	58
0.80	122	101	88	120	100	87	117	99	87	74
1.00	138	118	104	136	116	104	131	119	103	90
1.25	151	132	119	148	130	118	143	128	116	103
1.50	160	142	129	157	140	128	151	137	126	113
2.00	173	157	145	169	155	144	163	151	141	127
2.50	180	166	155	176	163	153	169	158	150	134
3.00	186	173	163	182	171	161	175	165	157	142
4.00	193	183	174	189	180	172	181	173	167	151
5.00	198	189	181	193	185	179	185	179	173	156
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:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:

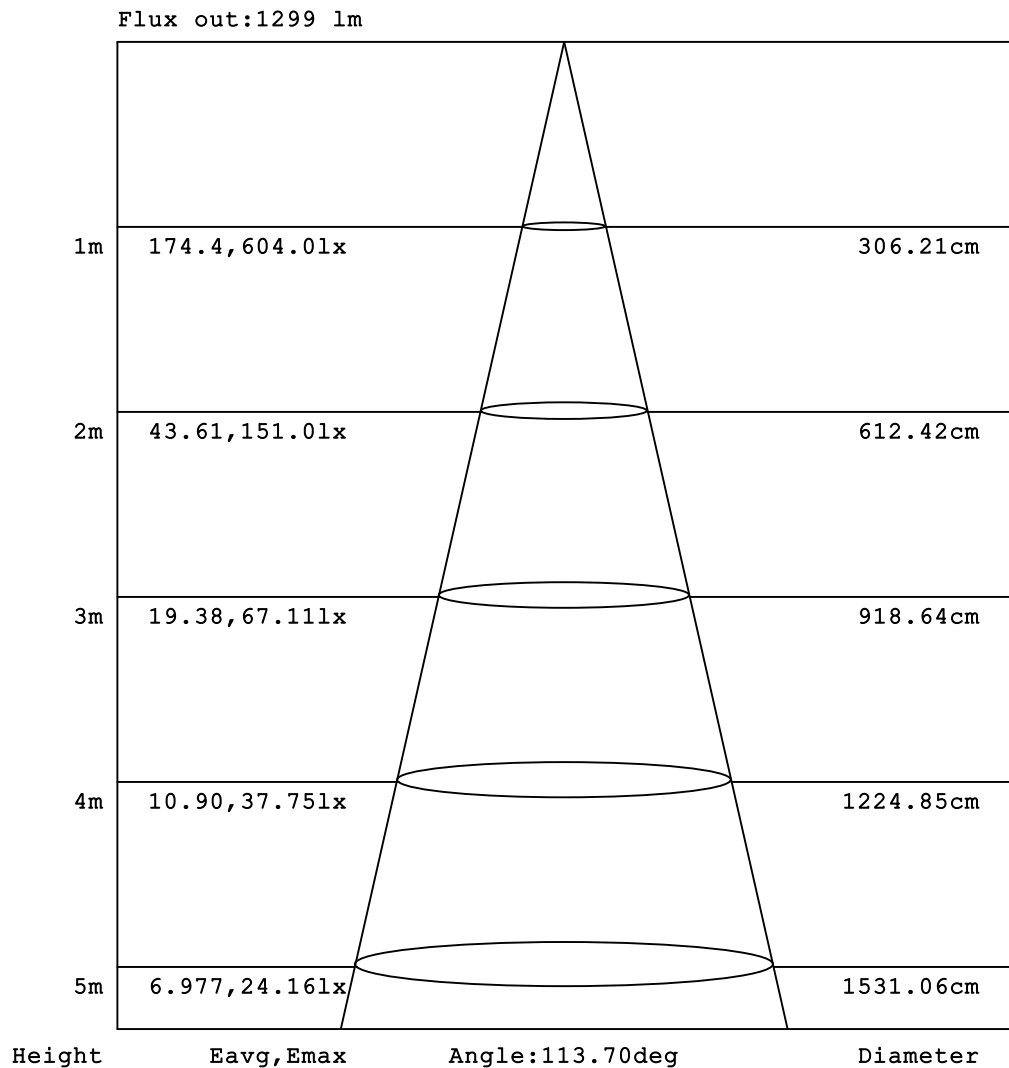


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:



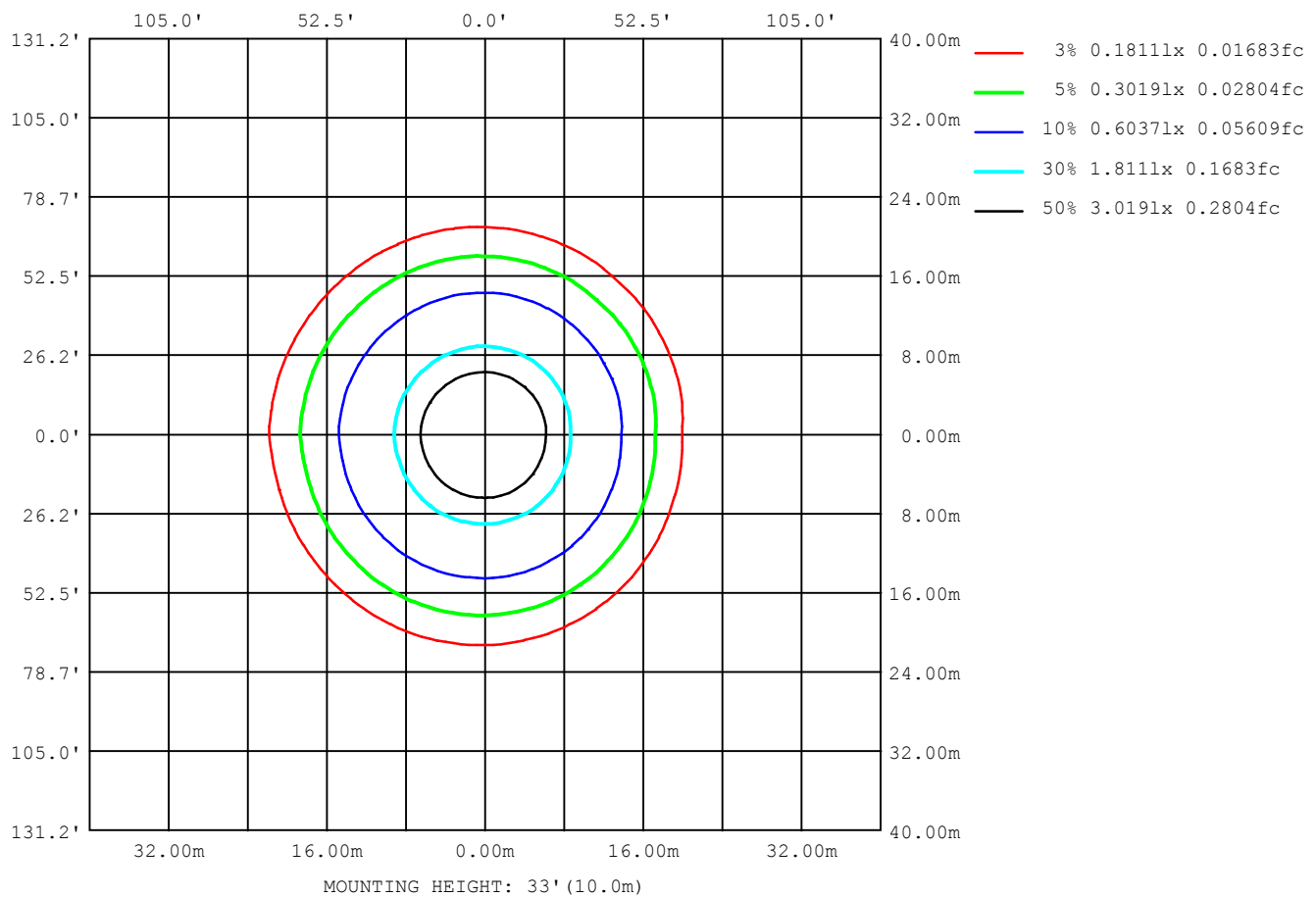
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	Shielding Angle:

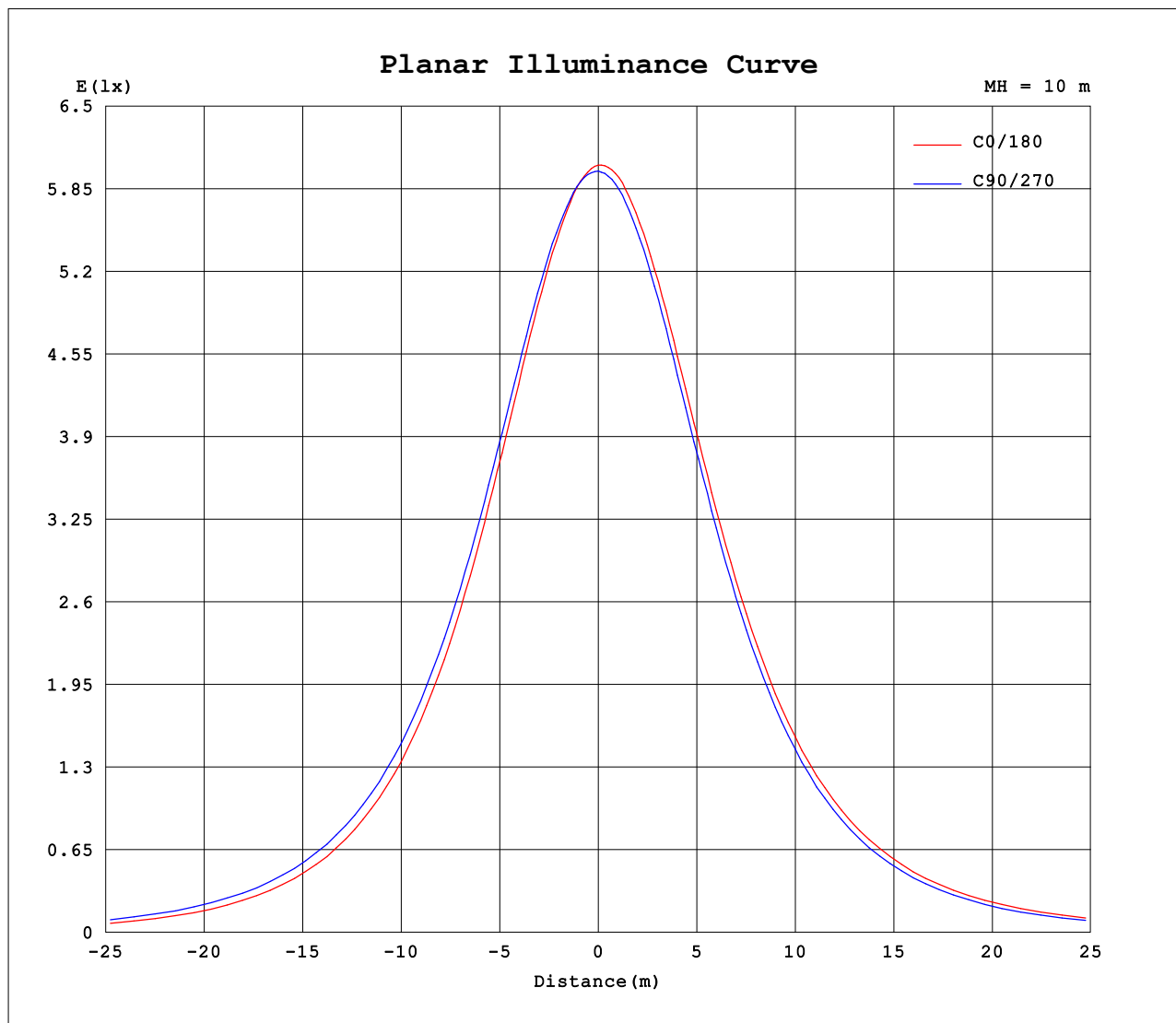
AvgL	cd/m2
L_0~180 (65) av	42979
L_0~180 (75) av	35910
L_0~180 (85) av	22793
L_90~270 (65) av	44697
L_90~270 (75) av	37578
L_90~270 (85) av	21006
L_45 (65) av	43817
L_45 (75) av	36622
L_45 (85) av	20852

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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: 2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	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	604	602	602	601	600	600	599	599	599	599	598	599	600	601	602	602	603	604	604
5	598	597	597	597	597	598	597	597	597	598	597	598	599	600	602	601	602	603	604
10	587	587	587	588	589	590	590	591	591	592	591	593	594	595	596	596	596	598	600
15	571	572	573	574	576	578	579	580	580	581	581	582	583	585	586	586	586	587	590
20	551	552	553	556	558	561	562	564	565	566	566	567	568	570	570	570	571	572	576
25	526	527	529	533	536	539	541	544	544	546	546	548	549	551	551	550	551	552	557
30	496	498	501	505	509	513	516	518	520	522	522	524	524	527	526	526	526	528	534
35	462	465	468	473	477	483	486	489	490	493	493	496	496	499	497	497	497	498	505
40	424	427	430	437	441	447	451	455	457	459	460	463	463	466	464	464	464	466	473
45	382	386	389	397	402	408	412	417	419	422	423	426	426	429	427	428	427	428	436
50	336	340	345	352	358	365	369	375	377	380	381	385	386	387	385	386	386	387	396
55	287	292	296	304	310	318	323	328	332	335	336	340	341	341	340	341	341	343	352
60	235	240	245	253	260	268	273	279	282	286	288	291	292	293	292	294	293	295	305
65	181	186	192	200	207	214	220	226	229	234	236	239	240	240	240	242	243	244	255
70	127	132	137	145	151	159	164	170	174	179	181	185	185	186	187	189	189	192	202
75	74.1	79.3	83.5	90.8	96.7	104	108	114	118	123	126	129	129	131	132	135	136	138	149
80	29.2	33.1	36.7	42.4	47.4	53.6	57.1	62.5	65.7	70.4	73.2	75.0	75.1	77.6	78.8	81.6	83.4	85.4	95.8
85	0.26	2.28	4.01	7.83	10.8	14.8	17.3	20.5	22.7	25.9	28.4	29.7	30.1	32.3	33.1	35.5	36.4	39.1	47.4
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.10	1.70	2.83	3.14	4.51	4.59	5.75	10.7
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	0.20	0.26	0.21	0.19	0.15	0.13	0.13	0.16	0.20	0.24	0.25	0.20	0.12	0.05	0.00	0.00	0.00	0.00	0.00
165	0.49	0.53	0.48	0.45	0.41	0.40	0.41	0.44	0.47	0.51	0.52	0.50	0.45	0.39	0.32	0.27	0.23	0.22	0.32
170	0.78	0.76	0.72	0.68	0.65	0.66	0.67	0.69	0.71	0.74	0.75	0.76	0.73	0.70	0.66	0.62	0.59	0.57	0.68
175	0.98	0.96	0.90	0.88	0.86	0.87	0.87	0.89	0.90	0.93	0.93	0.95	0.94	0.94	0.93	0.93	0.91	0.92	0.94
180	1.11	1.06	1.02	1.01	1.00	1.00	1.01	1.02	1.03	1.03	1.04	1.04	1.04	1.04	1.05	1.05	1.06	1.11	1.11

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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:24.00V I:1.043A P:25.03W PF:1.0000 Lamp Flux:962.8x1 lm		
NAME: LED Strip	TYPE:Indoor lighting	WEIGHT:25g
SPEC.:2016 240LED	DIM.: 1000*3.5*1MM	SERIAL No.:20161027002
MFR.: Dilux	SUR.:1000*12mm	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	602	602	601	600	600	599	599	599	599	598	599	600	601	602	602	603	604		
5	602	601	600	599	598	597	597	596	596	595	596	597	597	599	598	599	599		
10	597	596	594	592	592	590	589	589	588	587	588	588	589	590	589	589	589		
15	587	586	583	581	580	578	577	576	576	574	575	575	575	576	575	575	575		
20	573	571	568	566	564	562	560	560	559	557	557	557	558	557	556	556	555		
25	553	551	548	545	543	541	539	538	537	536	535	535	535	534	533	532	531		
30	530	527	523	520	518	516	514	513	511	510	509	508	508	506	504	503	502		
35	501	499	494	491	488	487	484	483	481	479	478	477	477	474	472	471	469		
40	469	466	461	458	454	454	450	449	447	445	444	442	441	438	436	434	432		
45	432	429	424	421	416	416	412	411	409	407	405	403	400	398	394	393	390		
50	391	388	383	380	375	374	371	370	367	365	362	360	356	354	350	349	345		
55	347	344	339	335	330	328	325	324	321	319	316	314	309	305	302	300	297		
60	300	297	291	287	282	281	278	276	272	270	266	264	256	255	251	249	245		
65	250	246	240	237	233	230	227	225	220	217	214	210	203	204	199	196	192		
70	198	194	188	184	179	175	171	169	164	162	157	150	151	149	145	141	138		
75	144	140	134	131	124	121	116	114	110	107	94.1	100.0	96.5	94.8	90.8	88.6	84.2		
80	91.2	88.2	81.9	78.2	72.3	68.6	64.3	62.4	59.3	53.4	52.0	50.3	47.7	46.1	43.1	41.0	37.4		
85	44.0	41.1	36.9	33.2	28.6	26.0	22.9	20.6	18.1	16.0	14.3	13.6	11.4	10.4	8.22	6.72	4.40		
90	8.55	7.67	5.11	3.69	1.83	0.89	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		
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		
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		
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	0.05	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.05		
160	0.00	0.00	0.04	0.10	0.15	0.21	0.28	0.33	0.33	0.30	0.27	0.24	0.24	0.26	0.28	0.29	0.32		
165	0.27	0.30	0.34	0.39	0.44	0.50	0.54	0.58	0.57	0.55	0.52	0.50	0.49	0.51	0.54	0.57	0.59		
170	0.59	0.60	0.63	0.67	0.70	0.75	0.78	0.80	0.78	0.77	0.75	0.73	0.71	0.73	0.75	0.80	0.84		
175	0.87	0.88	0.88	0.90	0.92	0.95	0.95	0.96	0.94	0.95	0.93	0.93	0.92	0.92	0.92	0.97	1.02		
180	1.05	1.03	1.00	1.00	1.01	1.01	1.02	1.03	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.05	1.12		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2016-10-27

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: