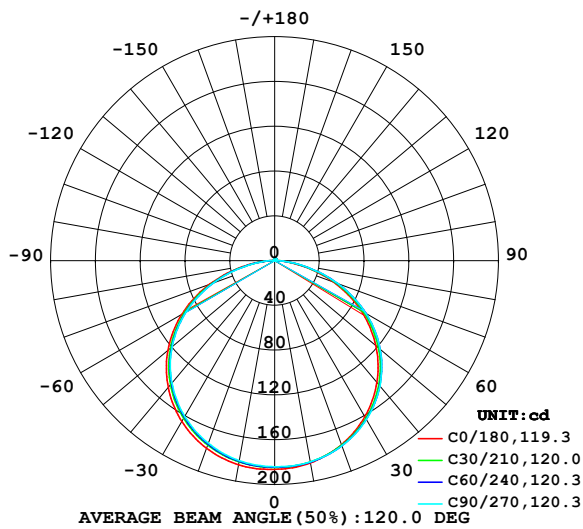


**LUMINAIRE PHOTOMETRIC TEST REPORT**

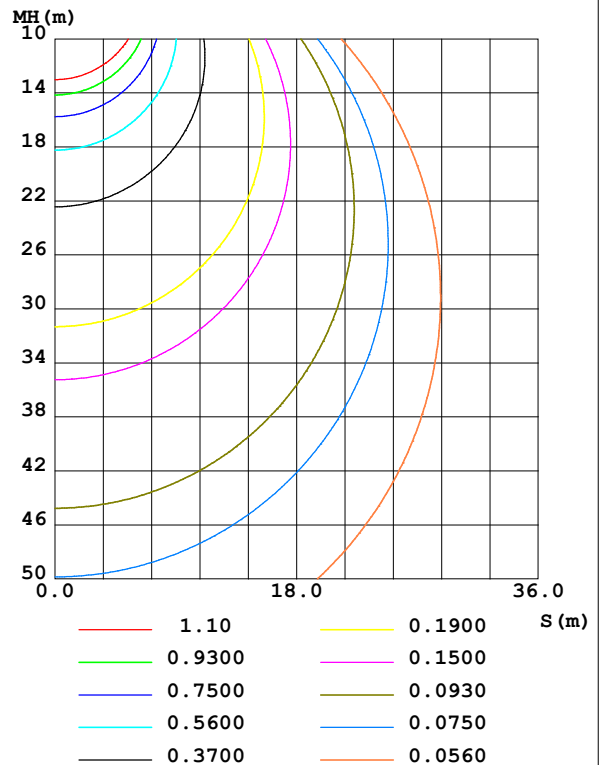
NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL: S120B-24 (WCP) -HR-EP-LD		Imax (cd)	187.7	S/MH (C0/180)	1.32
NOMINAL POWER (W)	4.79127	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	DC 24V	TOTAL FLUX (lm)	581.97	$\eta$ UP, DN (C0-180)	0.6, 49.6
NOMINAL FLUX (lm)	581.975	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.7, 49.1
LAMPS INSIDE	1	$\eta$ up (%)	1.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	DC 24V	$\eta$ down (%)	98.7	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

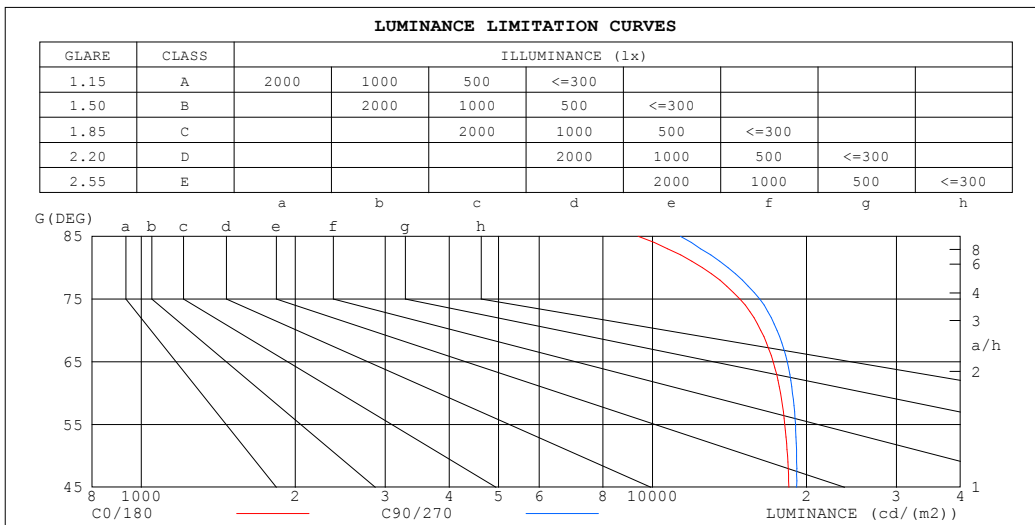
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	183.4	182.8	182.6	183.8	185.1	182.1	181.4	182.5	0- 10	17.59	17.59	3.02,3.02
20	174.9	175.8	175.9	177.0	178.2	174.4	173.6	174.6	10- 20	50.86	68.45	11.8,11.8
30	161.1	163.6	163.9	165.0	165.9	161.6	160.7	161.7	20- 30	78.41	146.9	25.2,25.2
40	142.1	145.8	146.3	147.3	148.0	143.7	142.8	143.5	30- 40	96.83	243.7	41.9,41.9
50	118.0	122.5	123.0	123.9	124.5	120.4	119.6	120.0	40- 50	103.3	347.0	59.6,59.6
60	88.96	93.26	93.94	94.61	95.58	91.74	91.14	91.31	50- 60	96.23	443.3	76.2,76.2
70	55.68	59.16	59.90	60.50	61.72	58.65	57.85	58.17	60- 70	75.38	518.6	89.1,89.1
80	21.76	24.19	24.41	25.05	26.57	24.31	23.72	23.91	70- 80	43.70	562.3	96.6,96.6
90	1.183	1.628	1.184	1.744	2.020	1.663	1.059	1.714	80- 90	11.93	574.3	98.7,98.7
100	0.7060	0.6582	0.6395	0.6569	0.6643	0.7008	0.7416	0.7169	90-100	0.8776	575.1	98.8,98.8
110	0.8820	0.8665	0.8661	0.8519	0.8850	0.9311	0.9867	0.9483	100-110	0.8301	576.0	99,99
120	1.112	1.103	1.106	1.082	1.119	1.168	1.233	1.186	110-120	1.012	577.0	99.1,99.1
130	1.342	1.340	1.342	1.310	1.346	1.393	1.461	1.413	120-130	1.122	578.1	99.3,99.3
140	1.565	1.572	1.563	1.536	1.565	1.611	1.674	1.633	130-140	1.144	579.3	99.5,99.5
150	1.775	1.784	1.772	1.751	1.770	1.807	1.859	1.827	140-150	1.061	580.3	99.7,99.7
160	1.985	1.969	1.953	1.946	1.972	1.981	2.021	1.992	150-160	0.8711	581.2	99.9,99.9
170	2.147	2.126	2.110	2.116	2.145	2.127	2.150	2.130	160-170	0.5805	581.8	100,100
180	2.247	2.214	2.212	2.212	2.246	2.213	2.213	2.212	170-180	0.2069	582.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

<b>NAME:</b> LED Strip	<b>TYPE:</b> Indoor lighting	<b>WEIGHT:</b> 75g
<b>SPEC.:</b> 2835 120LED	<b>DIM.:</b> 500*10*1.2MM	<b>SERIAL No.:</b> 20231004150
<b>MFR.:</b> EVERFINE	<b>SUR.:</b> 500*10MM	<b>Shielding Angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9365	11329
80	12528	14056
75	14814	16203
70	16281	17513
65	17218	18339
60	17792	18787
55	18149	19035
50	18361	19130
45	18484	19142

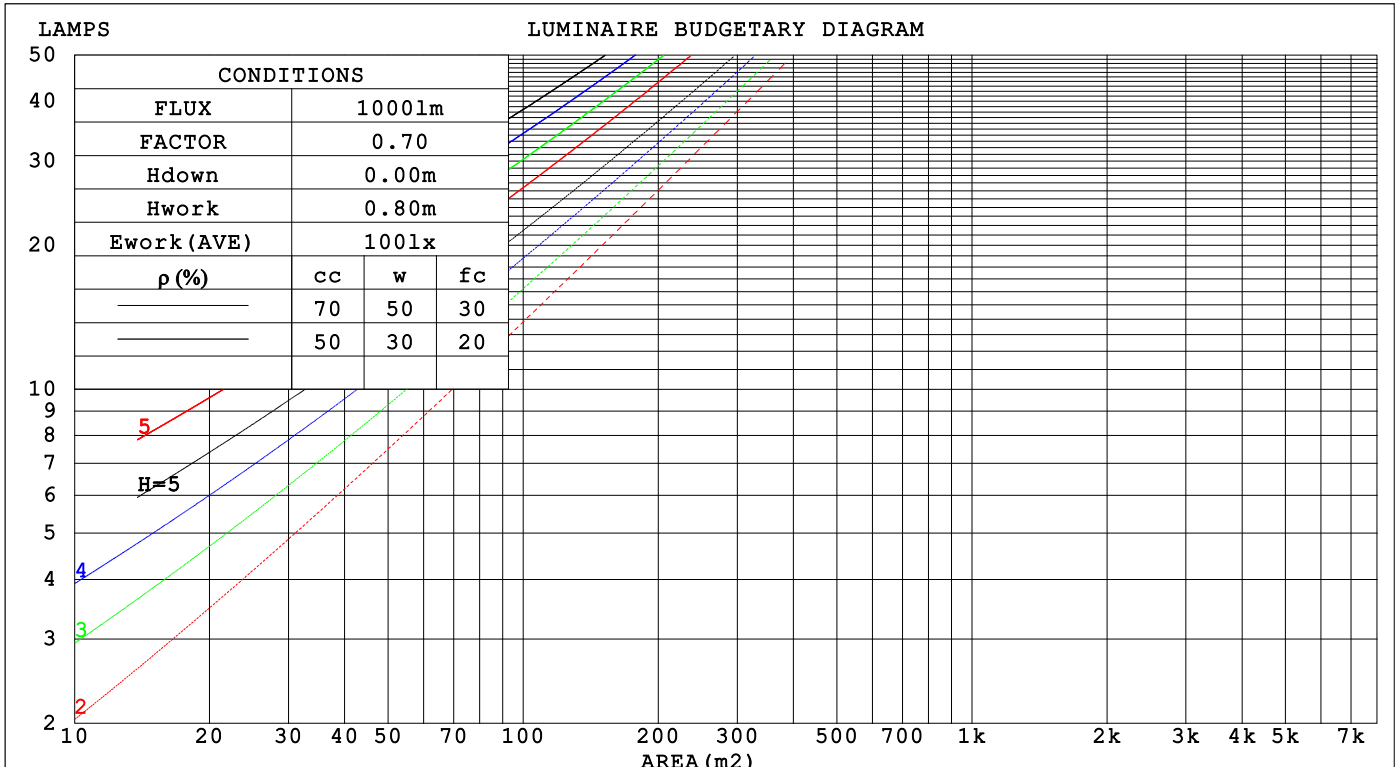
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>w</sub>	0															
p <sub>fc</sub>	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	.89	.82	.77	.87	.81	.76	.84	.78	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.78	.70	.63	.77	.69	.62	.73	.67	.61	.70	.65	.60	.68	.63	.59	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48
5.0	.61	.52	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.39	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

WEC AND CCEC

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.318	.181	.057	.310	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051	
2.0	.298	.163	.050	.291	.161	.049	.279	.155	.048	.268	.150	.047	.257	.145	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.239	.132	.041	
4.0	.253	.132	.039	.248	.130	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.234	.119	.035	.229	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033	
6.0	.217	.109	.031	.212	.107	.031	.205	.105	.031	.197	.103	.030	.190	.100	.030	
7.0	.201	.100	.028	.198	.098	.028	.191	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.188	.092	.026	.185	.091	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.074	.021	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.191	.166	.144	.163	.143	.124	.112	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.183	.142	.107	.157	.122	.093	.108	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.176	.125	.084	.151	.108	.073	.103	.075	.051	.060	.044	.030	.019	.014	.010	
4.0	.168	.111	.068	.144	.096	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.161	.101	.057	.138	.087	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.154	.093	.049	.132	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
7.0	.147	.086	.043	.126	.074	.038	.087	.052	.027	.051	.031	.016	.016	.010	.005	
8.0	.140	.080	.039	.121	.070	.034	.084	.049	.024	.049	.029	.014	.016	.009	.005	
9.0	.134	.075	.035	.116	.065	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.111	.062	.029	.077	.043	.020	.045	.026	.012	.015	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

NAME: LED Strip		TYPE: Indoor lighting					WEIGHT: 75g				
SPEC.: 2835 120LED		DIM.: 500*10*1.2MM					SERIAL No.: 20231004150				
MFR.: EVERFINE		SUR.: 500*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	25.2	26.6	26.9	25.1	26.6	25.4	26.8	27.1
	3H	26.4	27.8	26.7	28.1	28.4	26.7	28.1	27.0	28.4	28.6
	4H	27.0	28.3	27.3	28.6	28.9	27.3	28.7	27.7	29.0	29.3
	6H	27.4	28.7	27.7	29.0	29.3	27.8	29.0	28.1	29.3	29.6
	8H	27.5	28.7	27.9	29.0	29.3	27.9	29.1	28.3	29.4	29.7
	12H	27.5	28.7	27.9	29.0	29.4	28.0	29.1	28.3	29.4	29.8
	4H	25.5	26.9	25.9	27.2	27.5	25.7	27.1	26.0	27.3	27.6
	3H	27.3	28.4	27.6	28.8	29.1	27.5	28.7	27.9	29.0	29.3
	4H	28.0	29.1	28.4	29.4	29.8	28.3	29.3	28.7	29.7	30.1
	6H	28.5	29.4	28.9	29.8	30.2	28.8	29.8	29.2	30.2	30.5
	8H	28.6	29.5	29.1	29.9	30.3	29.0	29.9	29.4	30.3	30.7
	12H	28.7	29.5	29.2	29.9	30.4	29.1	29.9	29.5	30.3	30.8
	8H	28.3	29.2	28.7	29.5	30.0	28.5	29.4	29.0	29.8	30.2
	6H	28.9	29.6	29.4	30.1	30.5	29.2	30.0	29.7	30.4	30.8
	8H	29.1	29.8	29.6	30.2	30.7	29.5	30.1	29.9	30.6	31.1
	12H	29.3	29.8	29.8	30.3	30.8	29.6	30.2	30.1	30.7	31.2
	12H	28.3	29.1	28.7	29.5	29.9	28.5	29.3	29.0	29.8	30.2
	6H	29.0	29.6	29.4	30.1	30.6	29.3	29.9	29.7	30.4	30.8
	8H	29.2	29.8	29.7	30.3	30.8	29.5	30.1	30.0	30.6	31.1
Variations with the observer position at spacings(CIE Pub.117):											
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 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 582.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)  
 Area: 0.01 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

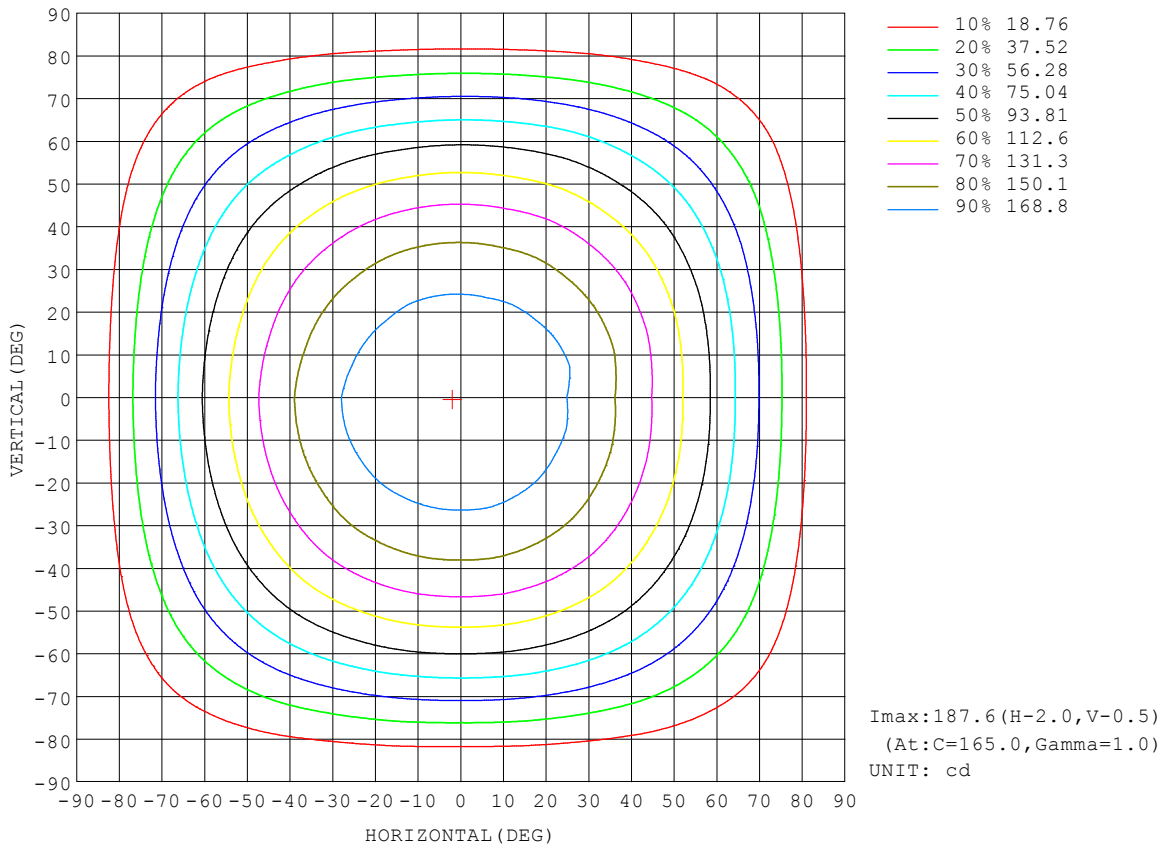
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	71	64	55	47
1.25	82	71	63	80	70	63	77	68	62	54
1.50	87	77	69	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	68
2.50	98	90	84	96	88	83	92	85	81	72
3.00	101	94	88	99	93	87	95	89	85	76
4.00	105	100	95	103	98	93	98	94	90	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: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:



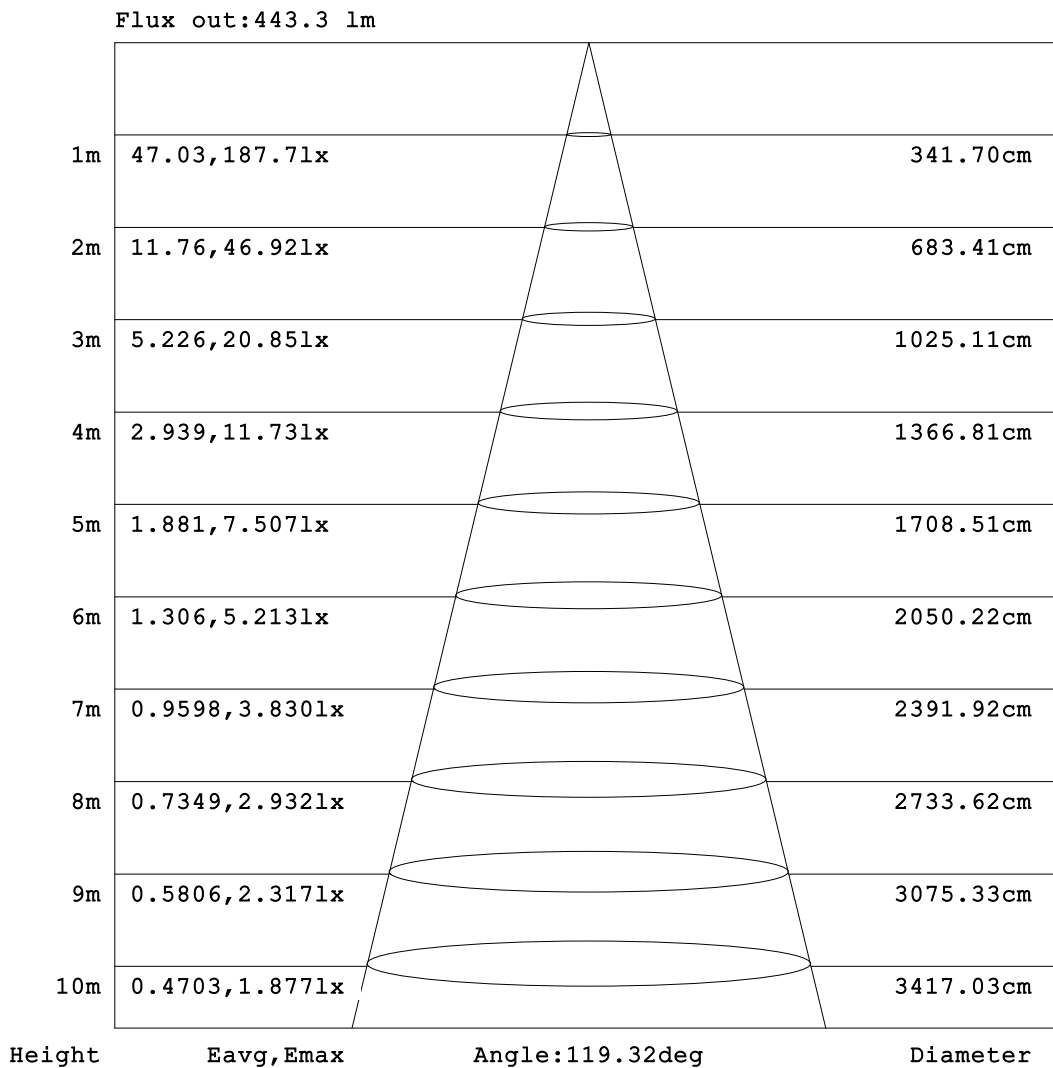
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:



**AAI Figure**

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:



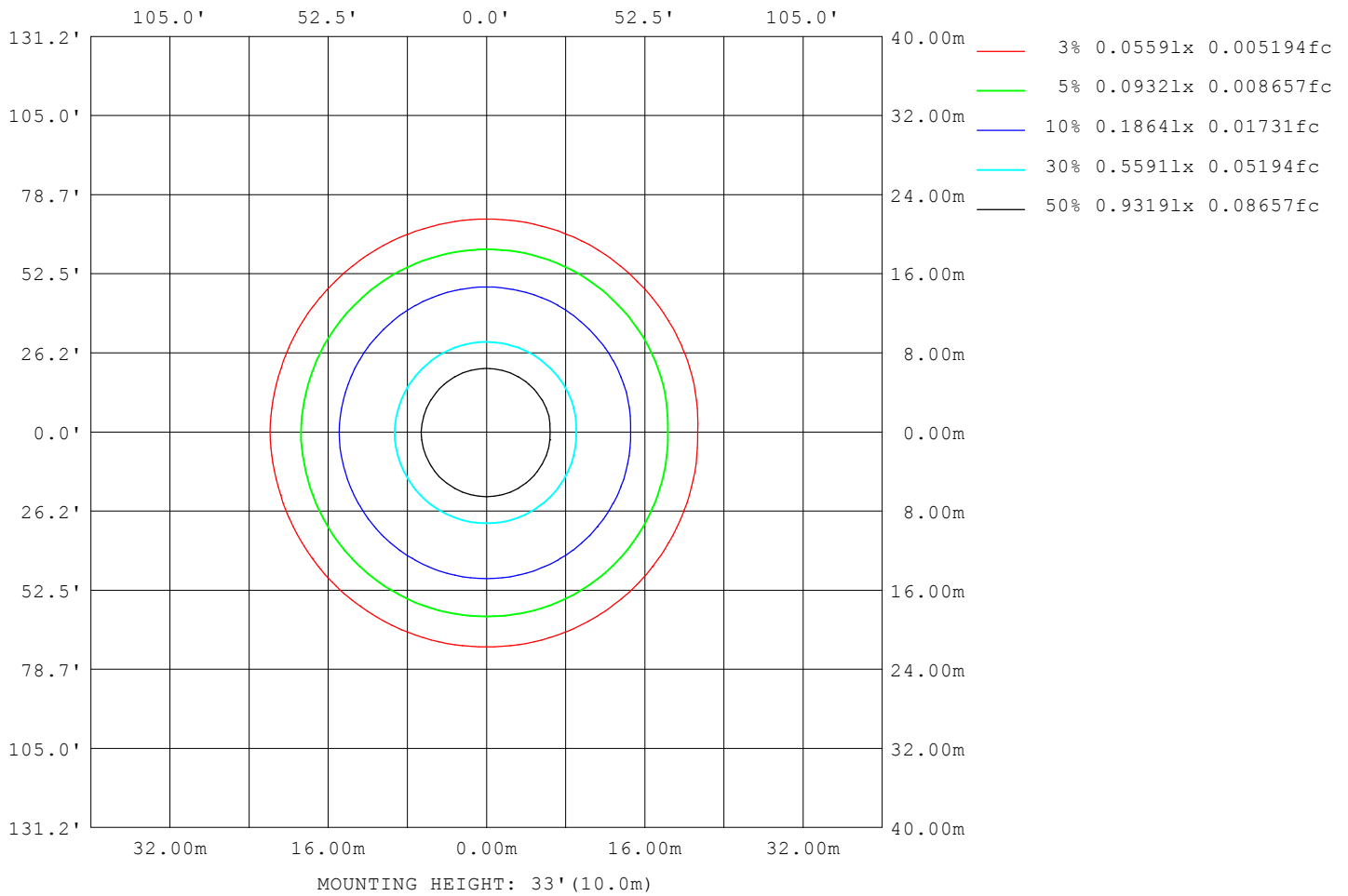
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

LED Avg.L Report

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

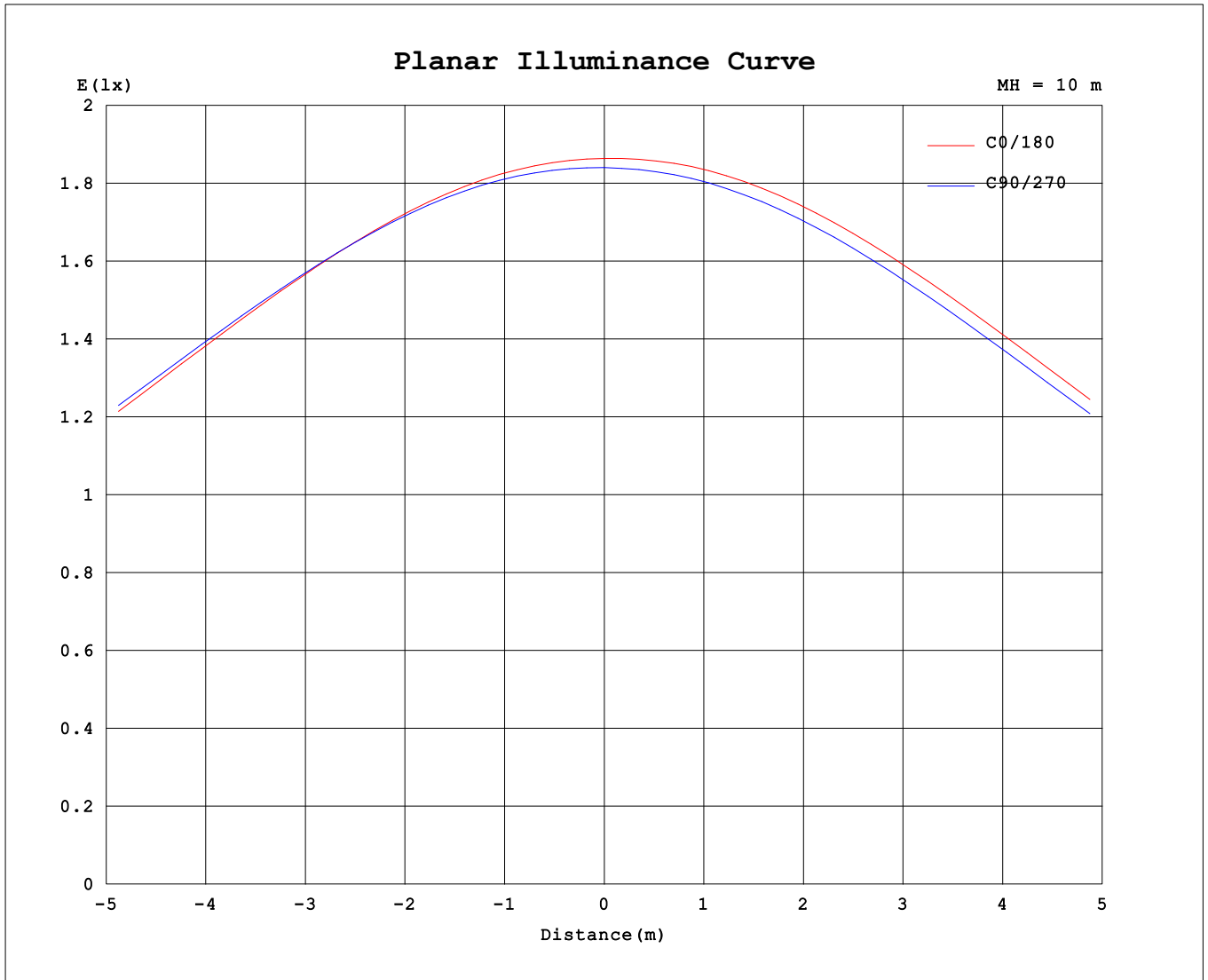
AvgL	cd/m2
L_0~180 (65) av	17991
L_0~180 (75) av	15901
L_0~180 (85) av	11299
L_90~270 (65) av	18037
L_90~270 (75) av	15924
L_90~270 (85) av	11147
L_45 (65) av	18083
L_45 (75) av	16041
L_45 (85) av	11538

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity: 65.0%  
 Test Distance: 4.880m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*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	186	186	185	184	184	184	184	184	185	185	186	188	186	186	185	184	184	184	184
5	186	186	184	184	184	184	184	184	184	185	186	187	186	186	184	184	184	184	183
10	183	184	183	183	183	183	183	183	183	184	185	186	185	184	183	182	182	182	181
15	180	180	180	180	180	180	180	180	180	181	182	183	182	181	180	179	179	178	178
20	175	176	175	176	176	176	176	176	176	177	178	178	178	176	175	174	174	174	174
25	169	170	170	170	170	171	171	171	171	172	172	173	173	171	170	169	169	168	168
30	161	163	163	164	164	164	164	164	164	165	165	166	166	164	163	162	161	161	161
35	152	154	154	155	156	156	156	156	156	157	157	157	158	156	154	153	153	153	152
40	142	144	145	146	146	147	146	147	147	147	147	148	148	146	145	144	143	143	143
45	131	132	134	135	135	136	135	136	136	136	136	136	137	135	134	133	132	132	132
50	118	120	121	122	123	123	123	123	123	124	123	124	124	123	122	120	120	120	120
55	104	106	107	109	109	110	109	110	110	110	110	110	111	109	108	107	106	106	106
60	89.0	90.5	91.7	93.3	94.0	94.4	93.9	94.4	94.3	94.6	94.3	94.6	95.6	93.9	93.1	91.7	91.4	90.7	91.1
65	72.8	74.2	75.2	76.7	77.5	77.9	77.5	77.8	77.8	78.1	77.8	78.0	79.3	77.7	77.0	75.7	75.3	74.7	75.0
70	55.7	56.9	57.8	59.2	59.8	60.3	59.9	60.2	60.2	60.5	60.2	60.4	61.7	60.5	59.7	58.7	58.1	57.7	57.9
75	38.3	39.5	40.2	41.4	41.8	42.3	41.9	42.3	42.2	42.6	42.3	42.4	44.0	42.9	42.2	41.3	40.8	40.4	40.5
80	21.8	22.8	23.2	24.2	24.3	24.8	24.4	24.9	24.7	25.0	24.7	25.0	26.6	25.6	25.2	24.3	24.1	23.6	23.7
85	8.16	8.91	9.17	9.90	9.86	10.2	9.87	10.4	10.1	10.4	10.1	10.3	11.5	10.8	10.7	10.0	10.1	9.61	9.56
90	1.18	1.35	1.43	1.63	1.57	1.53	1.18	1.69	1.68	1.74	1.62	1.66	2.02	1.80	1.85	1.66	1.69	1.49	1.06
95	0.79	0.79	0.81	0.75	0.66	0.61	0.61	0.67	0.68	0.70	0.75	0.75	0.74	0.77	0.77	0.73	0.68	0.71	0.69
100	0.71	0.69	0.67	0.66	0.64	0.65	0.64	0.67	0.66	0.66	0.64	0.65	0.66	0.67	0.69	0.70	0.73	0.73	0.74
105	0.76	0.76	0.75	0.75	0.74	0.75	0.74	0.74	0.73	0.74	0.73	0.74	0.77	0.78	0.80	0.81	0.83	0.84	0.86
110	0.88	0.88	0.86	0.87	0.86	0.87	0.87	0.86	0.85	0.85	0.84	0.86	0.89	0.89	0.92	0.93	0.96	0.97	0.99
115	1.00	1.00	0.98	0.99	0.98	0.99	0.99	0.98	0.97	0.97	0.96	0.97	1.00	1.01	1.04	1.05	1.08	1.09	1.11
120	1.11	1.11	1.10	1.10	1.10	1.11	1.11	1.10	1.08	1.08	1.07	1.08	1.12	1.13	1.16	1.17	1.20	1.21	1.23
125	1.23	1.23	1.21	1.22	1.21	1.23	1.22	1.22	1.19	1.20	1.18	1.20	1.23	1.24	1.27	1.28	1.31	1.32	1.35
130	1.34	1.34	1.33	1.34	1.33	1.34	1.34	1.33	1.31	1.31	1.30	1.31	1.35	1.36	1.38	1.39	1.42	1.44	1.46
135	1.46	1.46	1.45	1.46	1.45	1.46	1.46	1.45	1.42	1.42	1.41	1.42	1.46	1.46	1.49	1.50	1.53	1.55	1.57
140	1.56	1.58	1.56	1.57	1.56	1.57	1.56	1.56	1.54	1.54	1.52	1.53	1.57	1.57	1.60	1.61	1.64	1.65	1.67
145	1.67	1.69	1.67	1.68	1.67	1.68	1.67	1.67	1.65	1.64	1.63	1.64	1.67	1.68	1.70	1.71	1.74	1.75	1.77
150	1.78	1.80	1.78	1.78	1.77	1.78	1.77	1.77	1.75	1.75	1.73	1.74	1.77	1.77	1.80	1.81	1.83	1.84	1.86
155	1.88	1.90	1.88	1.88	1.87	1.88	1.87	1.87	1.85	1.85	1.83	1.84	1.87	1.87	1.89	1.90	1.92	1.93	1.94
160	1.98	1.99	1.97	1.97	1.95	1.97	1.95	1.96	1.94	1.95	1.93	1.94	1.97	1.96	1.98	1.98	2.01	2.01	2.02
165	2.07	2.07	2.05	2.05	2.04	2.05	2.04	2.05	2.03	2.03	2.02	2.03	2.07	2.04	2.06	2.06	2.08	2.08	2.09
170	2.15	2.15	2.12	2.13	2.11	2.12	2.11	2.12	2.11	2.12	2.10	2.12	2.14	2.12	2.13	2.13	2.14	2.14	2.15
175	2.20	2.20	2.18	2.19	2.17	2.18	2.17	2.18	2.17	2.18	2.17	2.19	2.21	2.18	2.19	2.18	2.19	2.19	2.20
180	2.25	2.23	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.22	2.23	2.25	2.23	2.22	2.21	2.21	2.21	2.21

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 120LED	DIM.: 500*10*1.2MM	SERIAL No.: 20231004150
MFR.: EVERFINE	SUR.: 500*10MM	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	184	185	185	186	188														
5	183	184	184	186	187														
10	181	182	183	184	185														
15	178	179	179	181	182														
20	173	174	175	176	177														
25	168	168	169	170	171														
30	161	161	162	163	163														
35	152	153	153	154	155														
40	143	144	144	144	145														
45	132	133	132	133	133														
50	119	120	120	121	120														
55	106	107	106	107	106														
60	91.2	91.8	91.3	91.8	91.2														
65	75.2	75.9	75.2	75.5	75.1														
70	58.3	58.3	58.2	58.3	58.0														
75	40.8	40.9	40.8	40.9	40.7														
80	23.8	24.1	23.9	24.2	23.8														
85	9.75	10.1	9.85	10.1	9.68														
90	1.40	1.70	1.71	1.79	1.66														
95	0.71	0.73	0.79	0.82	0.81														
100	0.73	0.74	0.72	0.74	0.75														
105	0.84	0.84	0.83	0.83	0.81														
110	0.97	0.97	0.95	0.95	0.93														
115	1.09	1.09	1.07	1.07	1.05														
120	1.21	1.21	1.19	1.18	1.16														
125	1.33	1.32	1.30	1.30	1.27														
130	1.44	1.44	1.41	1.41	1.38														
135	1.55	1.55	1.53	1.52	1.50														
140	1.66	1.65	1.63	1.63	1.61														
145	1.75	1.75	1.73	1.73	1.72														
150	1.84	1.84	1.83	1.83	1.82														
155	1.93	1.93	1.91	1.92	1.91														
160	2.00	2.01	1.99	2.00	1.99														
165	2.08	2.08	2.07	2.08	2.07														
170	2.14	2.15	2.13	2.14	2.14														
175	2.19	2.20	2.18	2.20	2.19														
180	2.22	2.22	2.21	2.21	2.23														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-10-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
 Humidity:65.0%  
 Test Distance:4.880m [K=1.0000]  
 Remarks: