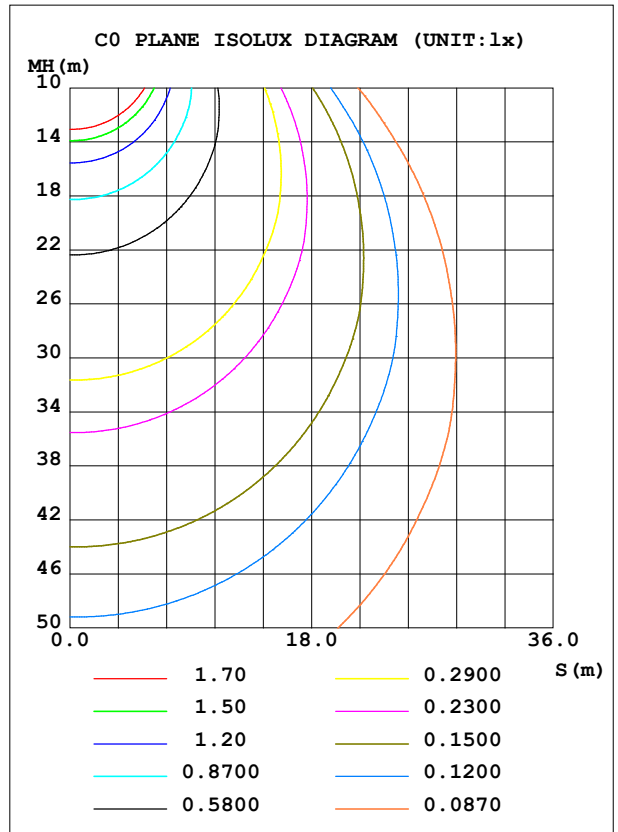
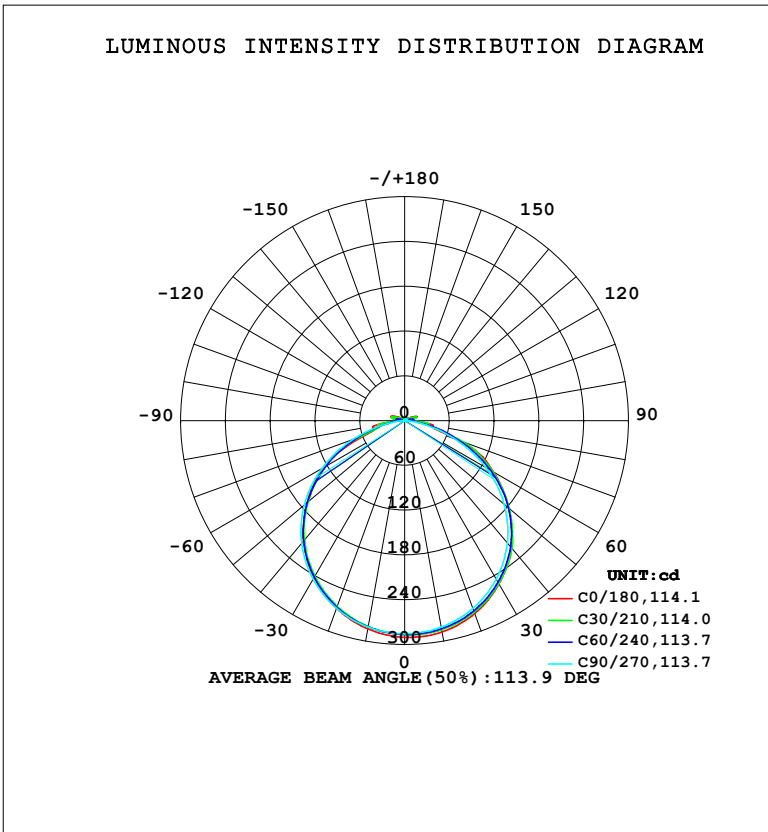


**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 75g
SPEC.: 2835 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL: 60F-24 (WCP)-VR-G-FS-EP		Imax (cd)	291.7	S/MH (C0/180)	1.25
NOMINAL POWER (W)	7.3928	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	DC 24V	TOTAL FLUX (lm)	864.10	$\eta$ UP, DN (C0-180)	2.1, 48.0
NOMINAL FLUX (lm)	864.104	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	2.1, 47.8
LAMPS INSIDE	1	$\eta$ up (%)	4.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	DC 24V	$\eta$ down (%)	95.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

$\gamma$  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:

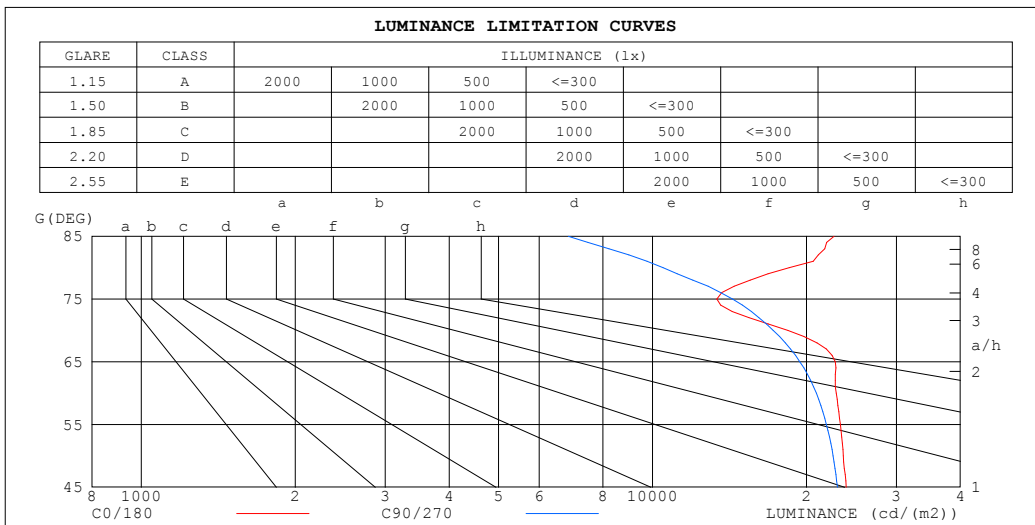
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	287.4	283.7	281.0	280.9	283.5	279.7	280.9	284.4	0- 10	27.23	27.23	3.15,3.15
20	274.9	272.0	267.5	265.7	267.4	264.3	267.5	272.3	10- 20	78.26	105.5	12.2,12.2
30	252.7	251.4	245.2	242.0	242.9	240.5	245.2	251.4	20- 30	119.4	224.9	26,26
40	222.8	222.5	214.1	209.4	211.1	208.4	214.6	222.4	30- 40	145.4	370.2	42.8,42.8
50	182.1	183.3	174.0	168.3	170.4	168.1	175.5	183.8	40- 50	151.8	522.0	60.4,60.4
60	137.2	134.8	125.5	120.0	125.4	120.1	128.2	135.9	50- 60	136.5	658.5	76.2,76.2
70	75.51	83.46	70.72	68.11	53.58	69.02	73.46	84.19	60- 70	100.4	758.9	87.8,87.8
80	38.58	27.41	21.86	28.37	41.88	27.72	23.15	25.51	70- 80	49.35	808.2	93.5,93.5
90	12.07	9.527	1.356	9.363	11.13	9.032	1.349	8.284	80- 90	19.65	827.9	95.8,95.8
100	11.39	12.26	0.9438	16.19	15.11	15.73	0.9816	10.53	90-100	9.359	837.2	96.9,96.9
110	17.00	9.345	1.274	10.21	17.68	10.27	1.326	9.751	100-110	11.26	848.5	98.2,98.2
120	8.444	2.967	1.637	4.318	9.108	4.271	1.705	3.362	110-120	6.593	855.1	99,99
130	3.206	1.952	1.995	2.203	4.875	2.232	2.063	2.022	120-130	3.074	858.2	99.3,99.3
140	2.240	2.274	2.347	2.388	2.523	2.415	2.408	2.341	130-140	1.824	860.0	99.5,99.5
150	2.572	2.630	2.687	2.731	2.722	2.735	2.736	2.691	140-150	1.590	861.6	99.7,99.7
160	2.929	2.938	2.992	3.028	3.023	3.011	3.021	2.990	150-160	1.320	862.9	99.9,99.9
170	3.218	3.205	3.236	3.285	3.273	3.242	3.257	3.246	160-170	0.8868	863.8	100,100
180	3.401	3.366	3.383	3.407	3.399	3.366	3.384	3.416	170-180	0.3175	864.1	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:2024-03-21

$\gamma$  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 160LED	<b>DIM.:</b> 500*12*4.5MM	<b>SERIAL No.:</b> 2024032001
<b>MFR.:</b> EVERFINE	<b>SUR.:</b> 500*12MM	<b>Shielding Angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	22632	6841
80	18516	10490
75	13364	14330
70	18397	17232
65	22767	19419
60	22863	20911
55	23295	21892
50	23608	22552
45	23922	22995

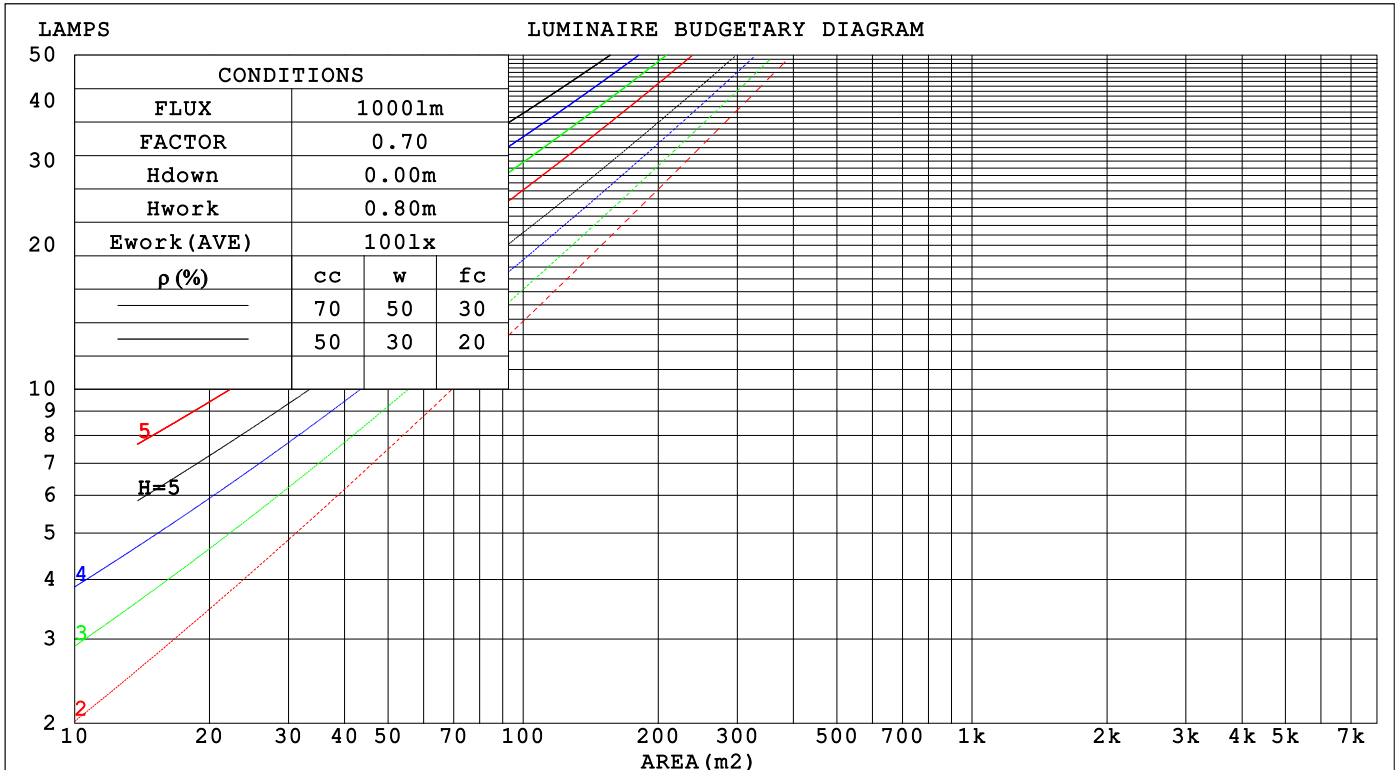
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.86	.84	.82	.80
2.0	.90	.83	.77	.88	.81	.76	.83	.78	.74	.79	.75	.71	.76	.72	.69	.67
3.0	.79	.71	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.54	.68	.60	.54	.65	.58	.53	.62	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.47	.61	.53	.46	.58	.51	.45	.56	.50	.45	.54	.48	.44	.41
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.36	.48	.40	.35	.46	.39	.35	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28
9.0	.42	.34	.29	.42	.34	.29	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	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	.308	.175	.055	.299	.171	.054	.284	.163	.052	.269	.155	.050	.256	.148	.048	
2.0	.288	.158	.048	.281	.155	.048	.267	.148	.046	.254	.142	.045	.242	.137	.043	
3.0	.267	.142	.042	.260	.139	.042	.248	.134	.041	.236	.129	.040	.226	.125	.039	
4.0	.246	.128	.038	.240	.126	.037	.229	.122	.036	.219	.118	.036	.210	.114	.035	
5.0	.228	.116	.034	.223	.114	.033	.213	.111	.033	.204	.107	.032	.195	.104	.031	
6.0	.212	.106	.030	.207	.105	.030	.198	.101	.030	.190	.099	.029	.182	.096	.028	
7.0	.197	.097	.028	.193	.096	.027	.185	.093	.027	.177	.091	.026	.170	.088	.026	
8.0	.184	.090	.025	.180	.089	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.173	.084	.023	.169	.082	.023	.163	.080	.023	.156	.078	.022	.151	.076	.022	
10.0	.162	.078	.022	.159	.077	.021	.153	.075	.021	.148	.073	.021	.142	.072	.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	.222	.222	.222	.190	.190	.190	.130	.130	.130	.075	.075	.075	.024	.024	.024	
1.0	.212	.188	.167	.182	.162	.144	.124	.111	.099	.072	.064	.058	.023	.021	.019	
2.0	.204	.164	.131	.175	.141	.113	.120	.098	.079	.069	.057	.046	.022	.018	.015	
3.0	.196	.147	.107	.168	.127	.093	.116	.088	.065	.067	.051	.038	.021	.017	.013	
4.0	.189	.134	.091	.162	.115	.079	.111	.080	.056	.064	.047	.033	.021	.015	.011	
5.0	.182	.123	.080	.156	.107	.070	.107	.075	.049	.062	.044	.029	.020	.014	.010	
6.0	.175	.115	.072	.150	.100	.063	.103	.070	.045	.060	.041	.027	.019	.013	.009	
7.0	.168	.108	.066	.144	.094	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
8.0	.161	.102	.062	.139	.089	.054	.096	.062	.038	.056	.037	.023	.018	.012	.008	
9.0	.155	.098	.059	.134	.085	.051	.093	.060	.036	.054	.035	.022	.018	.012	.007	
10.0	.150	.093	.056	.129	.081	.049	.090	.057	.035	.052	.034	.021	.017	.011	.007	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-03-21

$\gamma$  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 160LED		DIM.: 500*12*4.5MM				SERIAL No.: 2024032001						
MFR.: EVERFINE		SUR.: 500*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		24.4	25.8	24.7	26.1	26.4	24.1	25.5	24.4	25.8	26.1	
	3H	25.8	27.1	26.2	27.5	27.8	25.4	26.7	25.7	27.0	27.3	
	4H	26.1	27.4	26.5	27.7	28.0	25.8	27.1	26.2	27.4	27.7	
	6H	26.5	27.7	26.9	28.0	28.4	26.0	27.2	26.4	27.5	27.9	
	8H	26.8	27.9	27.2	28.3	28.6	26.0	27.2	26.4	27.5	27.9	
	12H	27.0	28.1	27.4	28.5	28.9	26.0	27.1	26.4	27.5	27.9	
	4H	2H	24.9	26.2	25.3	26.5	26.9	24.7	26.0	25.1	26.3	26.6
		3H	26.5	27.6	26.9	28.0	28.4	26.2	27.3	26.6	27.7	28.1
		4H	26.9	27.9	27.3	28.3	28.7	26.7	27.7	27.2	28.1	28.5
		6H	27.4	28.3	27.9	28.7	29.2	27.0	27.9	27.5	28.4	28.8
		8H	27.8	28.6	28.3	29.1	29.5	27.1	27.9	27.6	28.4	28.9
		12H	28.1	28.9	28.6	29.4	29.8	27.1	27.9	27.6	28.3	28.8
	8H	4H	27.1	27.9	27.5	28.3	28.8	26.9	27.8	27.4	28.2	28.7
		6H	27.7	28.4	28.2	28.9	29.4	27.4	28.0	27.9	28.5	29.0
		8H	28.3	28.9	28.8	29.4	30.0	27.5	28.1	28.0	28.6	29.1
		12H	28.8	29.3	29.3	29.9	30.4	27.6	28.1	28.1	28.6	29.2
	12H	4H	27.0	27.8	27.5	28.3	28.8	26.9	27.7	27.4	28.2	28.6
		6H	27.8	28.4	28.3	28.9	29.4	27.4	28.0	27.9	28.5	29.1
		8H	28.4	29.0	29.0	29.5	30.0	27.6	28.1	28.2	28.7	29.2
Variations with the observer position at spacings(CIE Pub.117):												
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.2					
	1.5H	+ 0.1 / - 0.3					+ 0.3 / - 0.4					
	2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117, 864.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.5)  
 Area: 0.012 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:

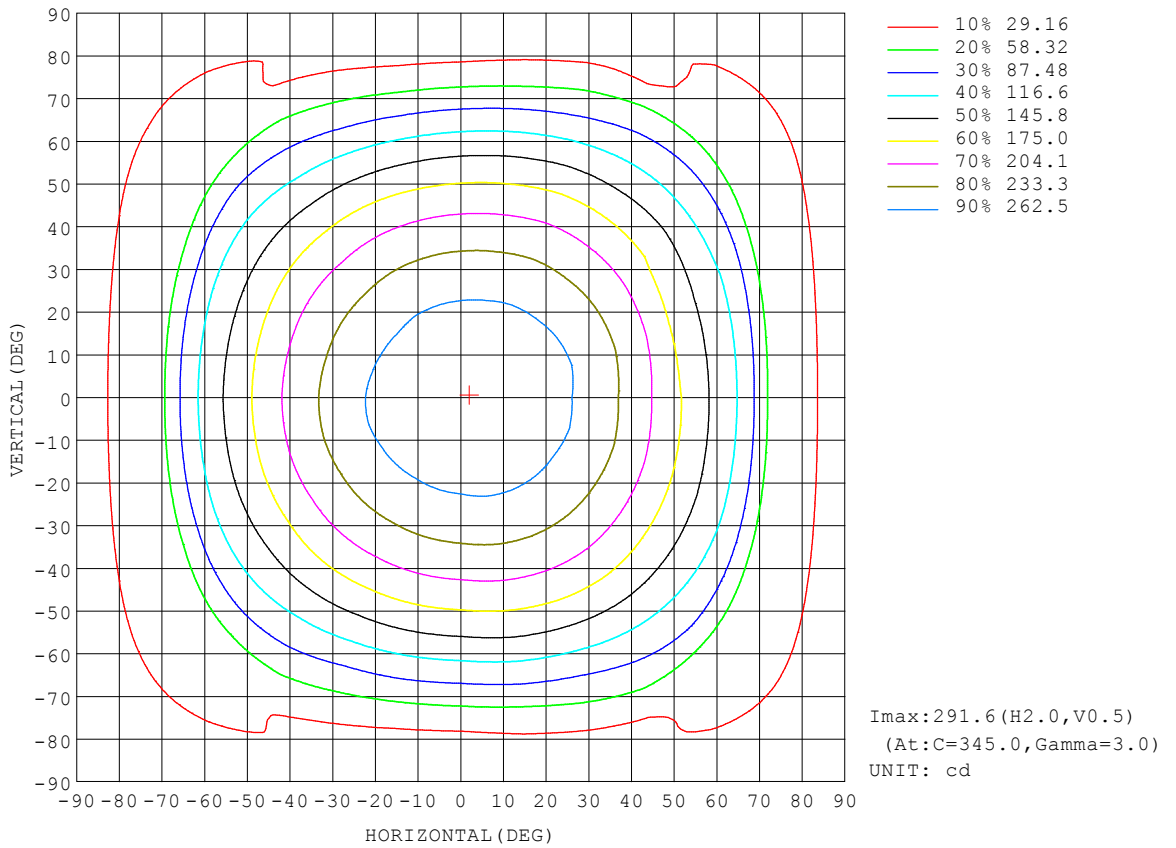
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	38	55	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	77	88	81	76	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
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: 2024-03-21

$\gamma$  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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:



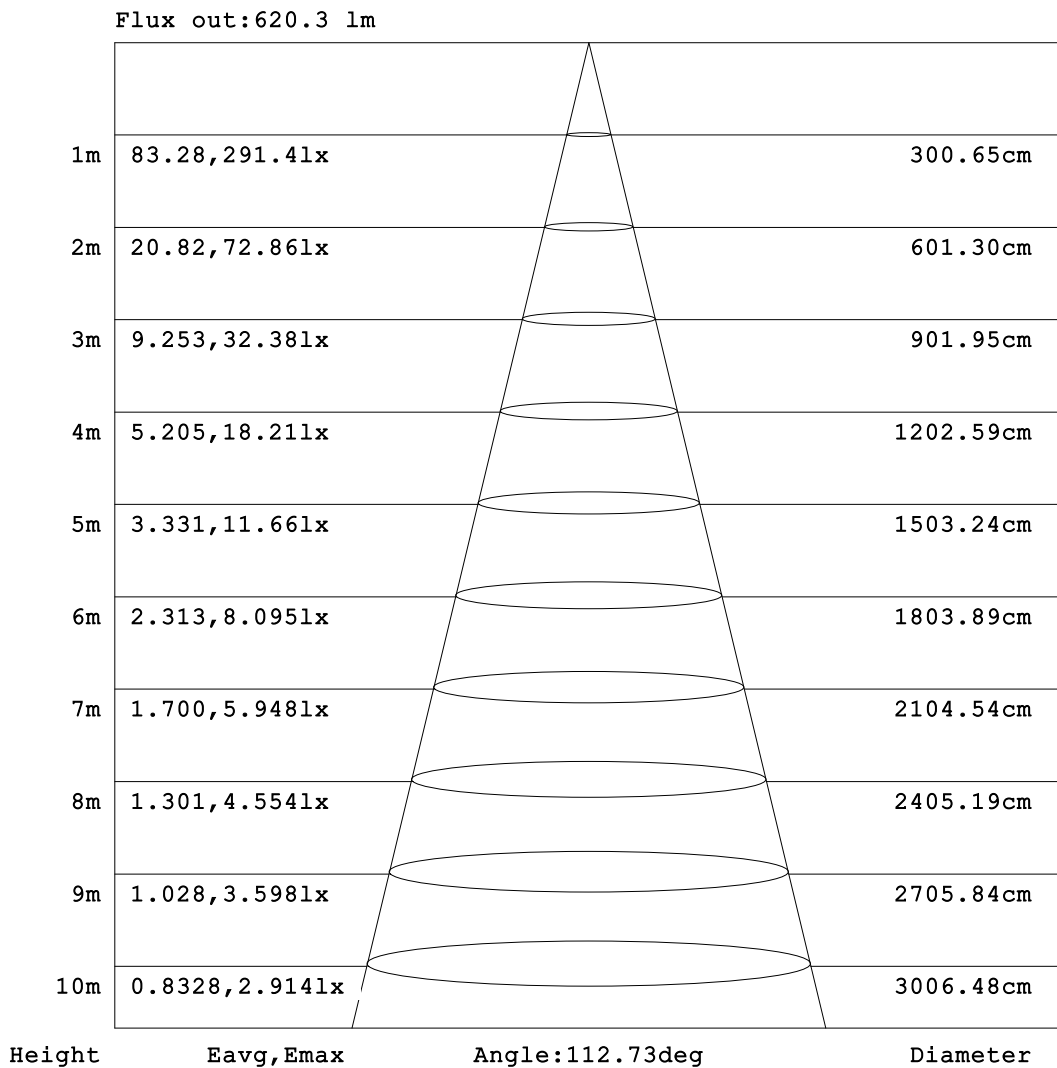
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:



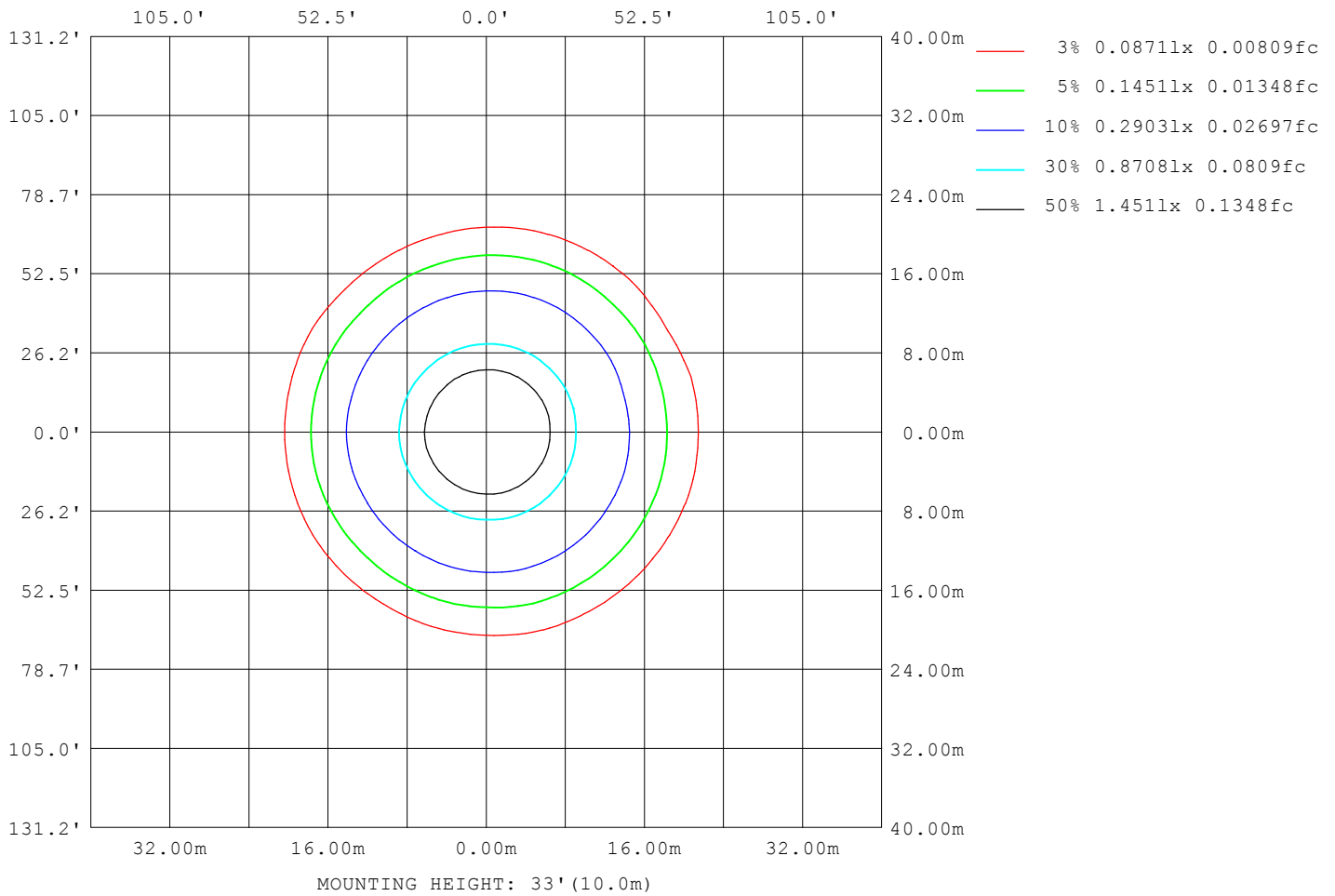
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:

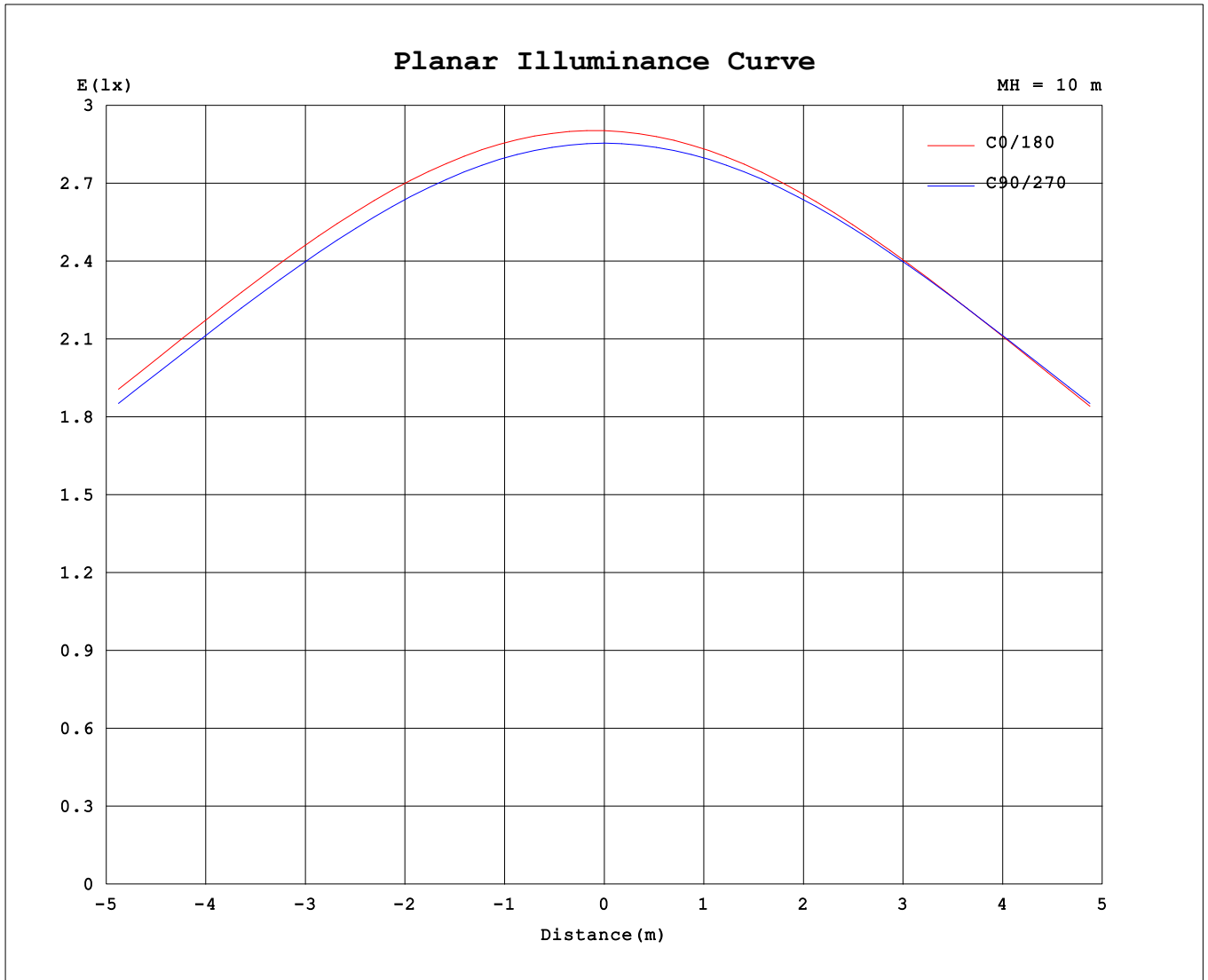
AvgL	cd/m2
L_0~180 (65) av	20600
L_0~180 (75) av	13468
L_0~180 (85) av	19860
L_90~270 (65) av	19703
L_90~270 (75) av	14585
L_90~270 (85) av	7184
L_45 (65) av	20112
L_45 (75) av	14648
L_45 (85) av	20553

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-03-21

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: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	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	290	289	287	286	286	286	285	286	286	287	289	291	290	289	287	286	286	286	285
5	290	289	287	286	286	285	284	284	285	285	287	289	288	287	285	284	285	285	284
10	287	287	285	284	283	282	281	281	281	281	282	284	283	282	280	280	281	281	281
15	282	282	280	279	278	277	275	275	274	274	275	277	277	275	273	273	274	275	275
20	275	275	273	272	271	270	268	267	266	266	266	268	267	266	265	264	266	267	267
25	265	266	264	263	262	260	257	256	255	255	255	256	256	254	254	253	255	256	257
30	253	254	252	251	250	248	245	244	242	242	242	243	243	241	241	241	242	244	245
35	239	240	239	238	237	234	231	229	227	227	227	228	228	226	226	226	228	229	231
40	223	224	223	222	221	218	214	212	210	209	209	211	211	209	209	208	211	212	215
45	203	205	204	204	202	200	195	193	191	190	189	191	192	190	190	190	191	194	196
50	182	184	183	183	182	179	174	172	169	168	167	170	170	169	168	168	170	173	176
55	160	161	160	160	158	156	151	148	145	145	145	148	149	147	146	145	147	149	153
60	137	138	137	135	133	131	125	123	120	120	122	124	125	124	122	120	122	124	128
65	115	116	112	109	105	103	98.5	96.4	93.5	94.7	95.4	93.8	93.5	94.2	97.0	94.7	94.8	97.4	101
70	75.5	79.4	84.3	83.5	77.8	75.4	70.7	68.9	66.8	68.1	61.7	55.7	53.6	54.7	62.0	69.0	68.0	69.6	73.5
75	41.5	41.9	43.8	52.4	52.8	48.3	44.5	42.8	42.7	39.9	37.9	41.4	42.2	40.7	36.5	38.5	43.9	43.1	46.1
80	38.6	37.1	33.5	27.4	27.2	26.1	21.9	22.0	23.0	28.4	37.6	41.6	41.9	41.2	37.4	27.7	23.0	22.1	23.2
85	23.7	24.3	23.8	22.8	16.0	10.8	7.15	9.75	16.6	20.6	18.4	18.1	17.9	17.3	18.5	20.4	16.6	9.81	7.87
90	12.1	11.9	10.8	9.53	7.28	4.25	1.36	4.95	7.74	9.36	10.5	11.4	11.1	10.9	10.0	9.03	7.70	5.04	1.35
95	10.9	10.9	10.5	9.24	7.46	4.35	0.88	4.65	9.17	10.6	11.8	12.6	12.2	12.2	11.5	10.3	8.57	4.46	0.89
100	11.4	11.5	11.8	12.3	11.2	2.26	0.94	3.10	12.4	16.2	16.4	15.9	15.1	15.5	15.7	15.7	11.9	3.21	0.98
105	15.2	15.5	16.2	14.4	6.71	1.15	1.10	1.49	7.76	15.9	19.5	19.7	19.0	19.2	18.8	15.6	8.03	1.50	1.15
110	17.0	16.6	14.0	9.34	3.40	1.30	1.27	1.39	4.34	10.2	15.0	17.4	17.7	17.0	15.0	10.3	4.47	1.43	1.33
115	12.5	11.8	9.28	5.40	1.58	1.45	1.46	1.51	2.54	6.24	10.0	12.7	13.2	12.5	10.2	6.21	2.51	1.56	1.52
120	8.44	7.78	5.74	2.97	1.63	1.61	1.64	1.67	1.90	4.32	6.69	8.68	9.11	8.40	6.68	4.27	1.92	1.72	1.70
125	5.75	5.25	3.35	1.82	1.78	1.79	1.82	1.83	1.89	2.74	4.94	6.54	6.71	6.34	4.97	2.64	1.95	1.90	1.89
130	3.21	2.82	2.00	1.95	1.94	1.97	1.99	2.01	2.02	2.20	3.13	4.35	4.87	4.25	3.06	2.23	2.09	2.07	2.06
135	2.12	2.12	2.11	2.11	2.11	2.14	2.17	2.19	2.19	2.24	2.46	2.88	3.10	2.79	2.42	2.26	2.25	2.25	2.24
140	2.24	2.26	2.26	2.27	2.29	2.32	2.35	2.36	2.37	2.39	2.46	2.54	2.52	2.49	2.43	2.42	2.42	2.41	2.41
145	2.39	2.43	2.43	2.45	2.46	2.50	2.52	2.54	2.54	2.56	2.61	2.66	2.57	2.57	2.58	2.58	2.58	2.58	2.58
150	2.57	2.62	2.62	2.63	2.64	2.66	2.69	2.70	2.70	2.73	2.79	2.87	2.72	2.73	2.74	2.74	2.74	2.74	2.74
155	2.76	2.79	2.79	2.79	2.79	2.82	2.84	2.86	2.86	2.88	2.96	3.08	2.87	2.87	2.88	2.88	2.89	2.88	2.88
160	2.93	2.95	2.93	2.94	2.94	2.97	2.99	3.02	3.01	3.03	3.10	3.23	3.02	3.00	3.01	3.01	3.02	3.02	3.02
165	3.08	3.09	3.07	3.08	3.08	3.11	3.12	3.15	3.15	3.17	3.24	3.28	3.16	3.13	3.13	3.13	3.15	3.14	3.15
170	3.22	3.21	3.20	3.20	3.20	3.23	3.24	3.26	3.26	3.29	3.36	3.47	3.27	3.24	3.25	3.24	3.25	3.25	3.26
175	3.33	3.32	3.30	3.31	3.30	3.32	3.33	3.35	3.35	3.37	3.44	3.55	3.36	3.32	3.33	3.32	3.33	3.33	3.34
180	3.40	3.38	3.37	3.37	3.37	3.38	3.38	3.39	3.40	3.41	3.49	3.59	3.40	3.38	3.37	3.37	3.37	3.38	3.38

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2024-03-21

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 160LED	DIM.: 500*12*4.5MM	SERIAL No.: 2024032001
MFR.: EVERFINE	SUR.: 500*12MM	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	286	286	287	289	291														
5	285	286	287	289	291														
10	282	283	284	287	289														
15	276	278	280	282	284														
20	269	271	272	275	277														
25	259	262	263	265	267														
30	247	250	251	254	255														
35	233	237	238	240	241														
40	217	221	222	225	225														
45	199	203	204	206	206														
50	179	183	184	185	184														
55	157	160	161	162	157														
60	132	135	136	139	136														
65	106	108	110	105	115														
70	77.2	80.7	84.2	84.1	80.5														
75	49.9	54.6	51.2	45.9	41.1														
80	26.9	28.7	25.5	32.7	36.2														
85	10.3	12.3	22.3	24.0	23.5														
90	4.42	6.80	8.28	9.57	11.7														
95	4.06	6.29	8.24	9.31	9.90														
100	2.61	8.50	10.5	10.4	10.3														
105	1.25	7.39	11.5	14.6	13.2														
110	1.36	3.79	9.75	10.7	14.6														
115	1.51	2.01	5.65	9.77	12.0														
120	1.67	1.71	3.36	6.17	8.05														
125	1.85	1.85	1.92	3.87	5.47														
130	2.03	2.01	2.02	2.16	3.10														
135	2.20	2.18	2.17	2.22	2.27														
140	2.37	2.36	2.34	2.37	2.42														
145	2.54	2.53	2.52	2.56	2.59														
150	2.71	2.70	2.69	2.74	2.78														
155	2.86	2.85	2.85	2.90	2.93														
160	3.00	2.99	2.99	3.05	3.04														
165	3.13	3.13	3.13	3.19	3.28														
170	3.24	3.25	3.25	3.31	3.41														
175	3.33	3.34	3.35	3.42	3.51														
180	3.39	3.40	3.42	3.47	3.59														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2024-03-21

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: