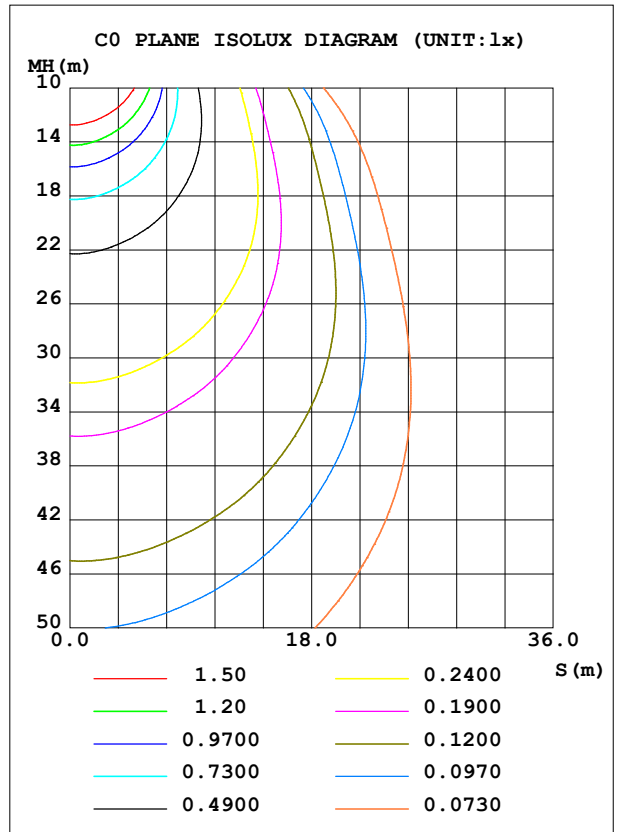
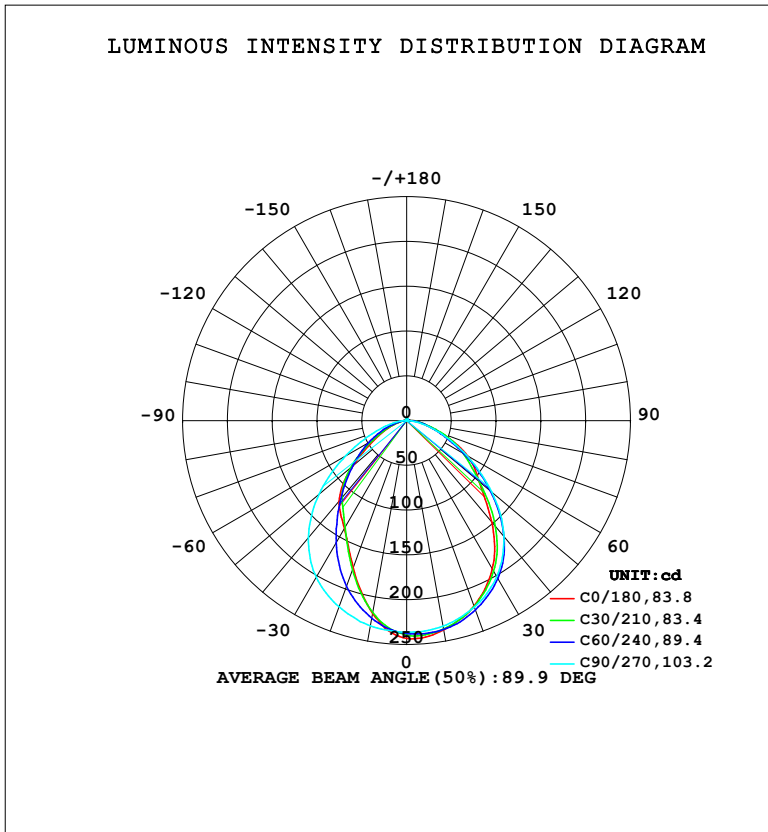


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
HM0DET2WSM-005-US-HR-HQ1 (BF)		Imax (cd)	243.7	S/MH (C0/180)	0.89
NOMINAL POWER (W)	5.59305	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	AC 120V	TOTAL FLUX (lm)	528.80	η UP, DN (C0-180)	1.0, 49.8
NOMINAL FLUX (lm)	528.8	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 48.3
LAMPS INSIDE	1	η up (%)	1.9	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	AC 120V	η down (%)	98.1	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	237.2	236.9	233.0	220.1	218.8	220.3	232.7	236.1	0- 10	22.33	22.33	4.22,4.22
20	220.3	222.2	221.4	184.3	174.6	184.2	221.0	221.1	10- 20	61.57	83.90	15.9,15.9
30	191.3	198.7	201.3	145.1	139.2	142.9	202.1	199.2	20- 30	88.41	172.3	32.6,32.6
40	148.0	160.6	169.1	112.4	117.6	108.5	170.7	163.6	30- 40	100.4	272.7	51.6,51.6
50	105.8	112.5	124.2	82.83	77.99	80.61	127.6	115.1	40- 50	94.65	367.4	69.5,69.5
60	78.70	69.21	77.21	48.82	40.34	48.49	78.50	70.87	50- 60	72.94	440.3	83.3,83.3
70	40.82	40.78	38.52	24.27	18.63	22.13	38.67	43.80	60- 70	46.74	487.0	92.1,92.1
80	16.98	18.68	13.82	10.22	7.028	7.719	13.83	19.64	70- 80	23.14	510.2	96.5,96.5
90	7.164	6.447	1.565	3.218	2.966	2.265	0.7075	6.321	80- 90	8.369	518.5	98.1,98.1
100	2.505	1.887	0.5644	1.632	1.614	1.139	0.5822	1.224	90-100	2.463	521.0	98.5,98.5
110	1.254	1.222	0.7936	1.554	1.371	1.141	0.8396	0.9814	100-110	1.296	522.3	98.8,98.8
120	1.076	1.254	1.075	1.567	1.473	1.340	1.125	1.054	110-120	1.174	523.5	99,99
130	1.201	1.364	1.357	1.665	1.645	1.594	1.403	1.293	120-130	1.195	524.7	99.2,99.2
140	1.433	1.548	1.620	1.837	1.880	1.848	1.656	1.534	130-140	1.198	525.9	99.4,99.4
150	1.729	1.792	1.876	2.048	2.111	2.061	1.910	1.832	140-150	1.123	527.0	99.7,99.7
160	2.062	2.044	2.142	2.248	2.292	2.258	2.155	2.038	150-160	0.9389	527.9	99.8,99.8
170	2.337	2.304	2.365	2.424	2.460	2.415	2.367	2.289	160-170	0.6381	528.6	100,100
180	2.519	2.489	2.492	2.486	2.521	2.491	2.496	2.486	170-180	0.2308	528.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 321.97 lm

%lum = 60.9%

%lamp = 60.9%

Conical surface Flux(120deg): 440.29 lm

%lum = 83.3%

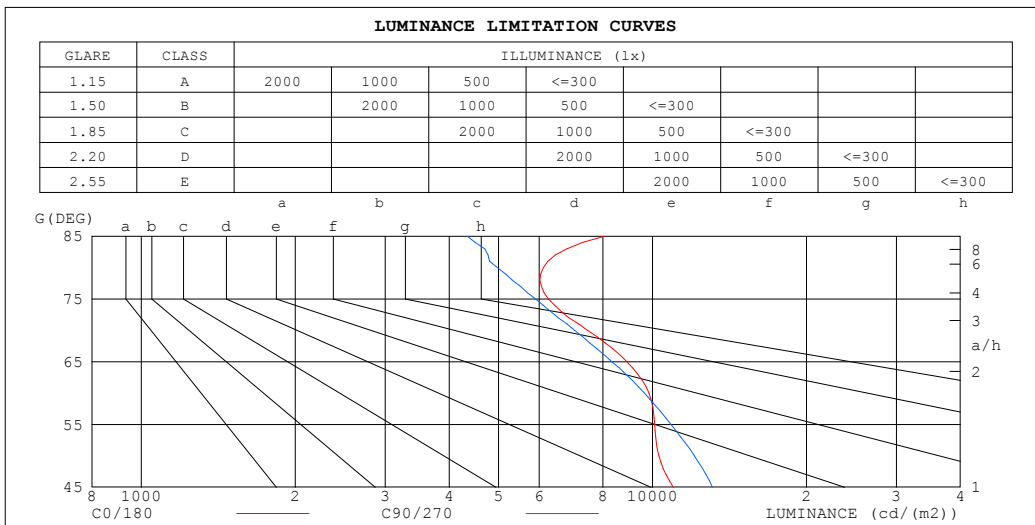
%lamp = 83.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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:

LUMINANCE LIMITATION CURVES

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8042	4348
80	6113	4976
75	6259	5903
70	7458	7038
65	8912	8326
60	9838	9651
55	10095	10873
50	10289	12077
45	10980	13098

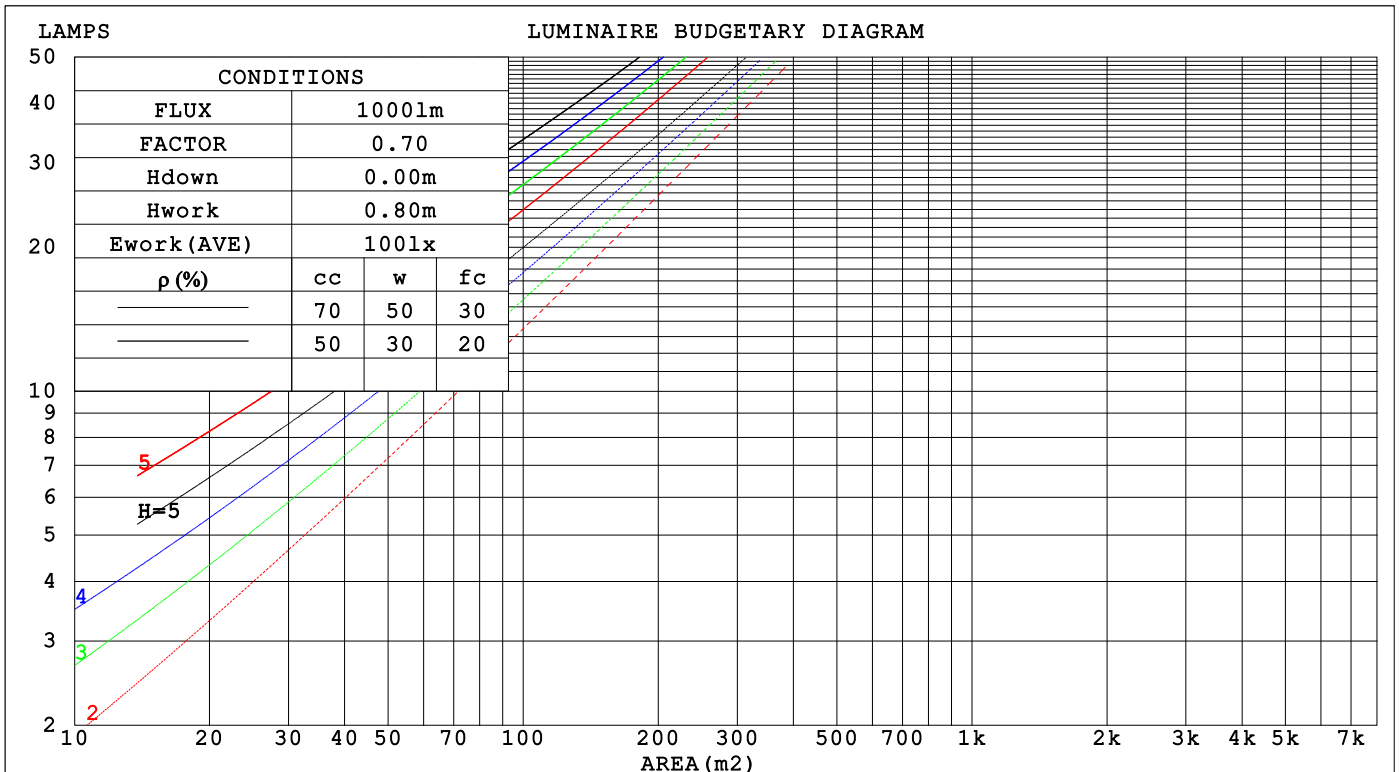
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρw																
ρfc	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	1.00	1.00	1.00	.98
1.0	1.05	1.01	.98	1.03	.99	.96	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.79	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62
4.0	.74	.66	.59	.72	.65	.59	.70	.63	.58	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.53	.49	.47
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.54	.48	.44	.42
7.0	.55	.47	.41	.54	.46	.40	.52	.45	.40	.51	.44	.40	.49	.44	.39	.37
8.0	.50	.42	.37	.50	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.34
9.0	.46	.38	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.39	.34	.29	.28



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	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	.280	.159	.050	.272	.155	.049	.258	.148	.047	.245	.141	.045	.233	.135	.044	
2.0	.265	.145	.045	.258	.142	.044	.246	.137	.042	.234	.132	.041	.224	.127	.040	
3.0	.247	.132	.039	.242	.129	.039	.231	.125	.038	.220	.121	.037	.211	.117	.036	
4.0	.230	.120	.035	.225	.118	.035	.215	.114	.034	.206	.111	.033	.198	.107	.033	
5.0	.214	.109	.032	.210	.108	.031	.201	.105	.031	.193	.102	.030	.185	.099	.030	
6.0	.200	.100	.029	.196	.099	.029	.188	.097	.028	.181	.094	.028	.174	.092	.027	
7.0	.187	.093	.026	.184	.092	.026	.177	.089	.026	.170	.087	.025	.164	.085	.025	
8.0	.176	.086	.024	.173	.085	.024	.166	.083	.024	.160	.081	.023	.155	.079	.023	
9.0	.166	.080	.022	.163	.079	.022	.157	.078	.022	.151	.076	.022	.146	.074	.021	
10.0	.156	.075	.021	.153	.074	.021	.148	.073	.020	.143	.071	.020	.139	.070	.020	

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	.205	.205	.205	.175	.175	.175	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.193	.171	.152	.165	.147	.130	.113	.101	.090	.065	.059	.052	.021	.019	.017	
2.0	.184	.147	.116	.157	.127	.100	.108	.088	.070	.062	.051	.041	.020	.016	.013	
3.0	.175	.129	.093	.150	.111	.080	.103	.077	.056	.060	.045	.033	.019	.015	.011	
4.0	.167	.116	.076	.144	.100	.066	.099	.070	.047	.057	.041	.028	.018	.013	.009	
5.0	.160	.105	.065	.137	.091	.056	.095	.064	.040	.055	.037	.024	.018	.012	.008	
6.0	.153	.097	.056	.131	.084	.049	.091	.059	.035	.053	.034	.021	.017	.011	.007	
7.0	.146	.090	.050	.126	.078	.044	.087	.055	.031	.051	.032	.018	.016	.011	.006	
8.0	.140	.084	.045	.121	.073	.039	.084	.051	.028	.049	.030	.017	.016	.010	.006	
9.0	.134	.079	.042	.116	.069	.036	.080	.048	.026	.047	.028	.015	.015	.009	.005	
10.0	.129	.075	.039	.111	.065	.034	.077	.046	.024	.045	.027	.014	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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:

UGR(Unified Glare Rating) Table

NAME: LED Strip		TYPE: Indoor lighting				WEIGHT: 20g						
SPEC.: LED		DIM.: 500*16*16MM				SERIAL No.: 20231114007						
MFR.: EVERFINE		SUR.: 500*16MM				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		23.0	24.4	23.3	24.7	24.9	23.6	25.0	23.9	25.2	25.5	
	3H	24.3	25.5	24.6	25.8	26.1	24.5	25.8	24.9	26.1	26.4	
	4H	24.6	25.8	25.0	26.1	26.4	24.9	26.1	25.2	26.3	26.6	
	6H	24.9	26.1	25.3	26.4	26.7	25.1	26.2	25.4	26.5	26.8	
	8H	25.1	26.2	25.4	26.5	26.8	25.1	26.2	25.5	26.5	26.8	
	12H	25.2	26.3	25.6	26.6	26.9	25.1	26.2	25.5	26.5	26.9	
	4H	2H	23.5	24.7	23.8	25.0	25.3	23.9	25.1	24.3	25.4	25.7
		3H	24.9	25.9	25.3	26.3	26.6	25.0	26.1	25.4	26.4	26.7
		4H	25.4	26.4	25.8	26.7	27.1	25.5	26.4	25.9	26.8	27.1
		6H	25.8	26.7	26.2	27.1	27.5	25.8	26.7	26.2	27.0	27.4
		8H	26.0	26.8	26.5	27.2	27.6	25.9	26.7	26.4	27.1	27.5
		12H	26.2	27.0	26.7	27.4	27.8	26.0	26.7	26.4	27.1	27.6
	8H	4H	25.6	26.4	26.0	26.8	27.2	25.7	26.4	26.1	26.8	27.3
		6H	26.2	26.8	26.6	27.3	27.7	26.1	26.8	26.6	27.2	27.7
		8H	26.5	27.1	27.0	27.5	28.0	26.3	26.9	26.8	27.4	27.9
		12H	26.8	27.3	27.3	27.8	28.3	26.5	27.0	27.0	27.5	28.0
	12H	4H	25.6	26.3	26.0	26.7	27.2	25.7	26.4	26.1	26.8	27.2
		6H	26.2	26.8	26.7	27.3	27.8	26.2	26.8	26.7	27.2	27.7
		8H	26.6	27.1	27.1	27.6	28.1	26.5	26.9	27.0	27.4	27.9
Variations with the observer position at spacings(CIE Pub.117):												
S = 1.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.4					
	1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.4					
	2.0H	+ 0.2 / - 0.3					+ 0.7 / - 0.6					

CIE Pub.117, 528.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)
 Area: 0.016 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

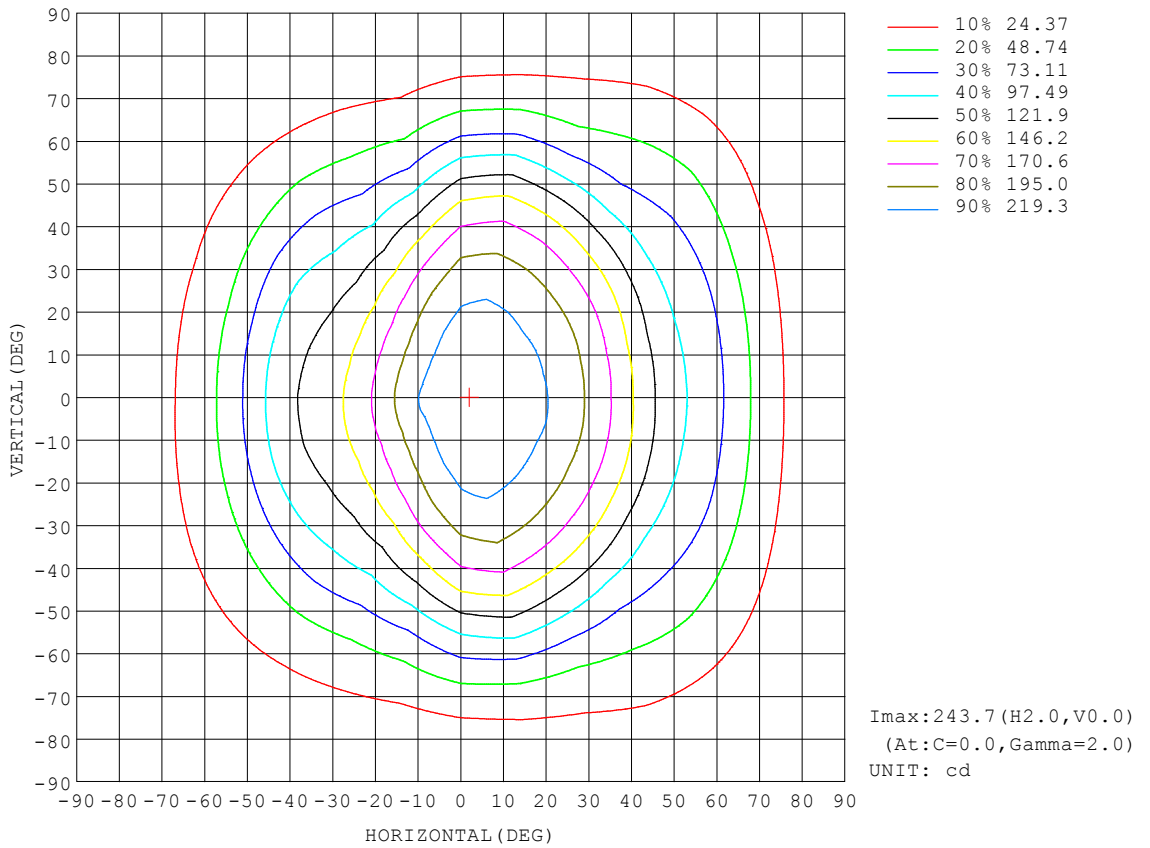
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	61	51	44	61	50	44	59	50	44	38
0.80	71	61	54	70	60	54	69	59	53	47
1.00	80	69	63	78	69	62	76	70	62	55
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	76	89	81	75	86	79	74	67
2.00	97	89	84	95	88	83	92	86	81	73
2.50	101	94	88	98	92	87	95	89	85	77
3.00	104	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
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: 2024-01-12

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:

ISOCANDELA DIAGRAM

NAME: LED Strip	TYPE: Indoor lighting	WEIGHT: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

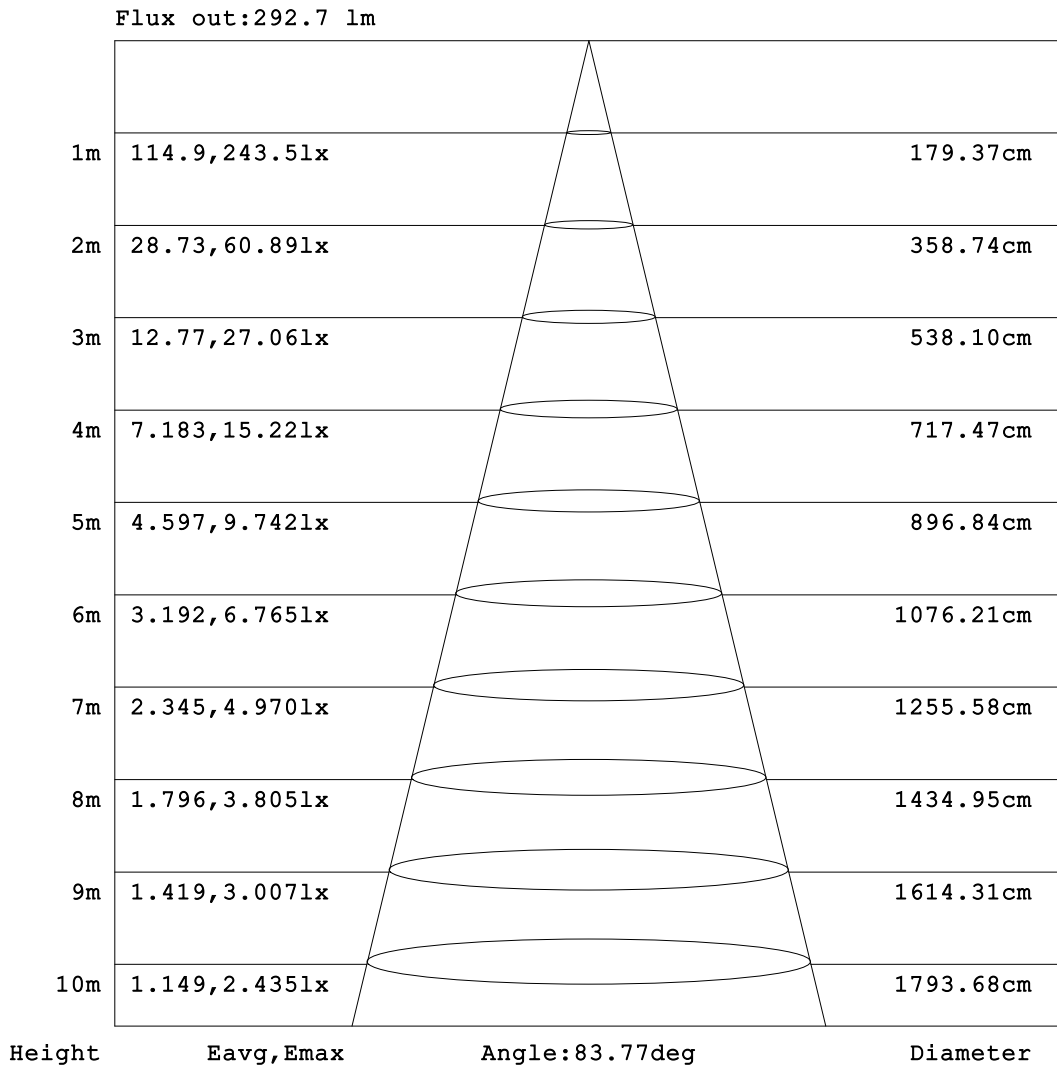


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:



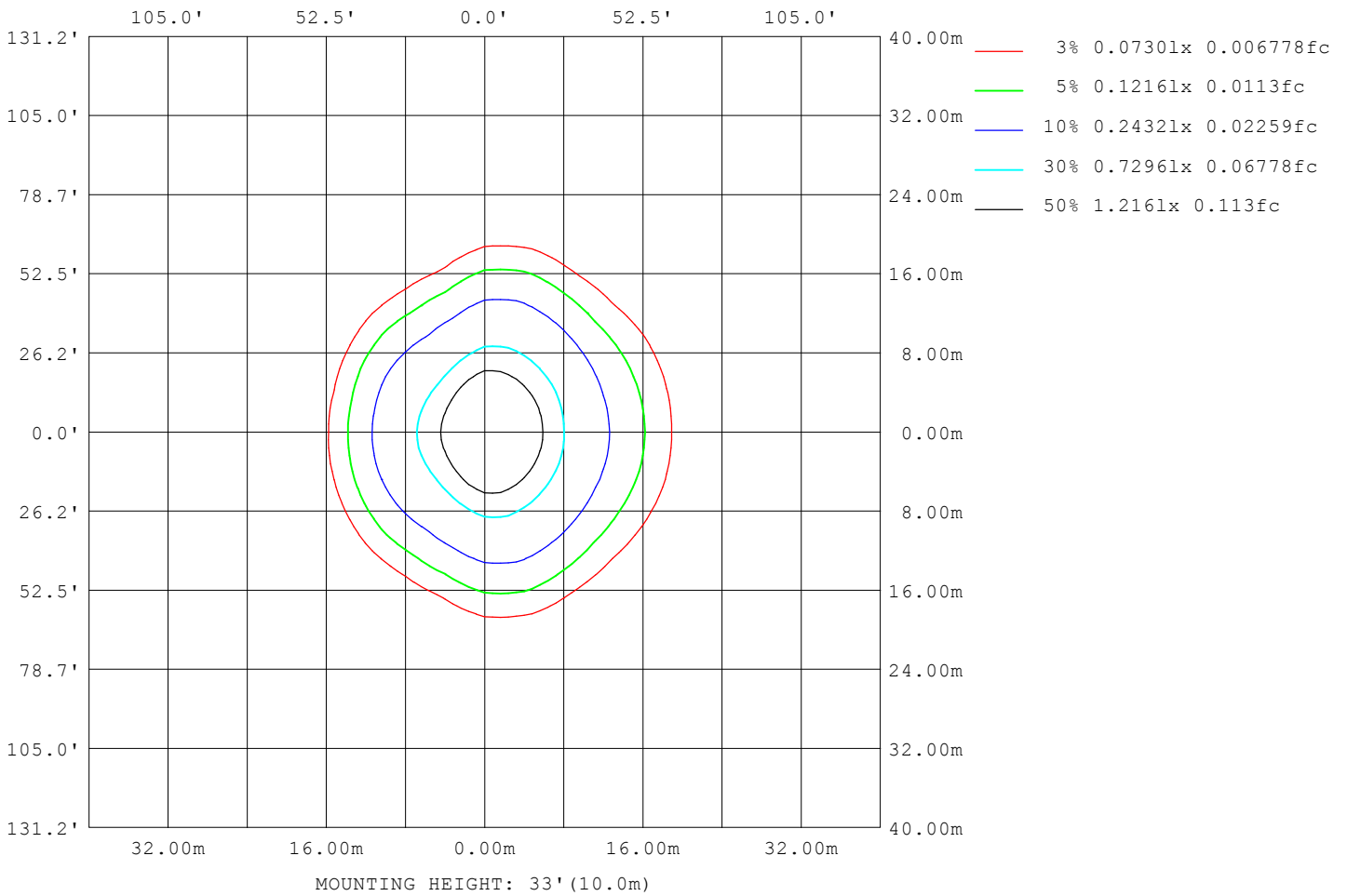
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

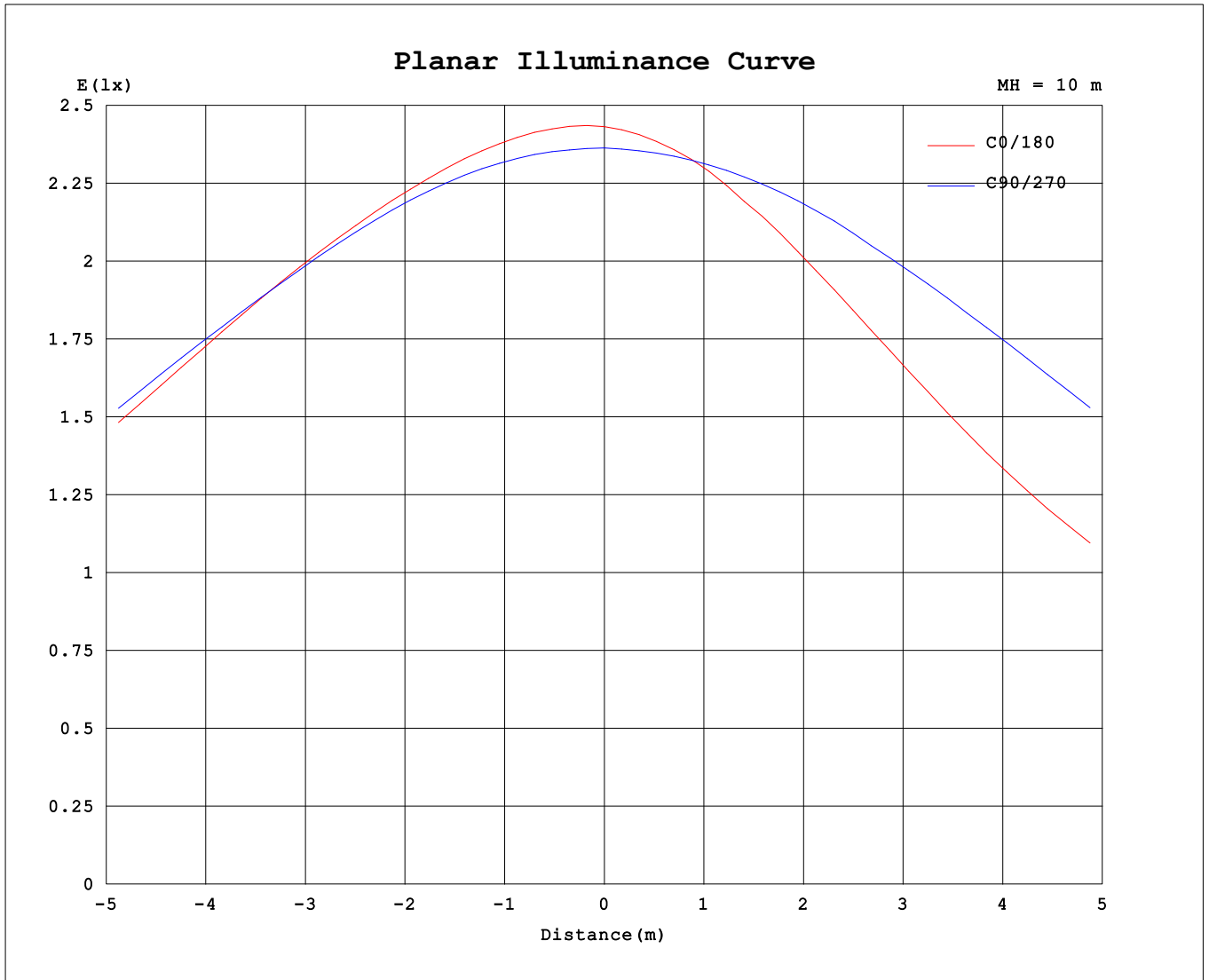
AvgL	cd/m2
L_0~180 (65) av	6543
L_0~180 (75) av	4515
L_0~180 (85) av	5608
L_90~270 (65) av	8349
L_90~270 (75) av	5914
L_90~270 (85) av	4190
L_45 (65) av	6615
L_45 (75) av	5469
L_45 (85) av	5888

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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: 2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	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	243	242	239	238	238	237	236	236	237	237	239	242	243	242	239	238	238	237	236
5	243	242	240	240	238	237	236	233	232	232	232	234	235	233	232	232	233	234	235
10	237	237	236	237	237	236	233	229	224	220	218	219	219	217	218	220	224	229	233
15	230	230	230	231	232	233	228	221	212	204	199	197	197	197	199	204	212	221	227
20	220	221	221	222	225	227	221	210	196	184	177	175	175	174	177	184	197	210	221
25	207	209	209	212	215	218	213	197	178	164	157	155	155	153	156	163	178	197	213
30	191	193	194	199	204	208	201	181	158	145	140	140	139	138	138	143	157	180	202
35	172	173	176	181	188	195	186	161	138	128	126	128	129	126	124	124	135	161	188
40	148	151	154	161	169	178	169	140	118	112	114	118	118	115	112	109	115	139	171
45	124	127	130	137	147	157	148	118	100	98.2	100.0	102	101	99.3	99.1	94.6	95.8	115	150
50	106	106	106	113	122	134	124	96.4	82.3	82.8	81.6	79.9	78.0	78.2	81.8	80.6	78.4	92.3	128
55	92.6	91.1	87.6	88.3	97.6	109	99.8	75.1	65.5	65.4	61.7	58.3	56.4	56.9	61.7	64.9	62.9	71.3	103
60	78.7	77.9	73.0	69.2	73.7	83.4	77.2	56.6	49.8	48.8	44.9	42.2	40.3	40.2	43.6	48.5	48.8	53.2	78.5
65	60.3	60.9	58.9	53.9	53.5	59.6	56.3	42.0	36.9	34.9	32.3	30.4	28.2	27.7	29.9	33.6	35.9	38.3	56.6
70	40.8	42.4	43.5	40.8	38.2	40.7	38.5	29.3	26.5	24.3	22.6	20.8	18.6	18.2	19.9	22.1	24.7	26.1	38.7
75	25.9	27.2	28.6	29.4	26.4	26.5	24.4	18.9	17.3	16.7	14.2	12.7	11.5	11.2	12.1	13.8	15.4	16.6	24.5
80	17.0	17.6	18.2	18.7	17.0	16.0	13.8	10.6	10.1	10.2	8.18	7.63	7.03	6.78	7.02	7.72	8.39	9.05	13.8
85	11.2	11.5	11.4	11.3	9.78	7.68	6.06	4.75	5.28	5.64	4.88	4.75	4.43	4.21	4.11	4.08	3.92	3.50	5.62
90	7.16	7.25	6.93	6.45	4.83	2.68	1.57	2.27	2.79	3.22	3.16	3.17	2.97	2.78	2.56	2.26	1.80	1.01	0.71
95	4.30	4.31	3.95	3.42	2.17	1.34	0.52	1.36	1.70	2.08	2.19	2.22	2.11	1.97	1.75	1.44	1.07	0.67	0.50
100	2.50	2.49	2.21	1.89	1.27	1.15	0.56	1.28	1.49	1.63	1.68	1.66	1.61	1.53	1.36	1.14	0.92	0.68	0.58
105	1.57	1.55	1.45	1.39	1.10	1.16	0.68	1.09	1.47	1.56	1.52	1.42	1.40	1.36	1.25	1.11	0.95	0.77	0.70
110	1.25	1.24	1.21	1.22	1.11	1.11	0.79	0.96	1.45	1.55	1.51	1.40	1.37	1.35	1.27	1.14	1.02	0.90	0.84
115	1.11	1.10	1.12	1.21	1.20	1.12	0.93	1.03	1.34	1.56	1.51	1.43	1.41	1.40	1.32	1.22	1.14	1.04	0.98
120	1.08	1.09	1.12	1.25	1.28	1.16	1.08	1.14	1.38	1.57	1.55	1.49	1.47	1.46	1.41	1.34	1.27	1.18	1.12
125	1.11	1.14	1.18	1.30	1.36	1.24	1.22	1.28	1.42	1.59	1.61	1.55	1.55	1.56	1.52	1.47	1.41	1.32	1.26
130	1.20	1.22	1.27	1.36	1.44	1.35	1.36	1.42	1.52	1.66	1.65	1.63	1.65	1.64	1.63	1.59	1.55	1.46	1.40
135	1.31	1.33	1.37	1.45	1.47	1.47	1.49	1.56	1.64	1.73	1.74	1.73	1.75	1.75	1.75	1.72	1.67	1.59	1.53
140	1.43	1.45	1.48	1.55	1.57	1.59	1.62	1.68	1.75	1.84	1.85	1.84	1.88	1.87	1.87	1.85	1.79	1.72	1.66
145	1.57	1.60	1.62	1.66	1.68	1.71	1.75	1.81	1.87	1.95	1.97	1.96	2.00	2.00	1.99	1.96	1.90	1.84	1.78
150	1.73	1.75	1.76	1.79	1.80	1.83	1.88	1.95	1.99	2.05	2.07	2.07	2.11	2.11	2.10	2.06	2.02	1.96	1.91
155	1.90	1.90	1.90	1.92	1.93	1.97	2.01	2.06	2.11	2.15	2.16	2.17	2.20	2.19	2.18	2.16	2.12	2.08	2.04
160	2.06	2.06	2.03	2.04	2.06	2.10	2.14	2.19	2.22	2.25	2.25	2.25	2.29	2.27	2.27	2.26	2.23	2.19	2.15
165	2.21	2.19	2.17	2.17	2.19	2.23	2.26	2.30	2.32	2.34	2.34	2.34	2.38	2.35	2.35	2.34	2.33	2.30	2.27
170	2.34	2.31	2.29	2.30	2.31	2.35	2.37	2.39	2.40	2.42	2.42	2.42	2.46	2.42	2.42	2.42	2.41	2.39	2.37
175	2.44	2.42	2.40	2.41	2.42	2.43	2.45	2.46	2.47	2.48	2.47	2.48	2.50	2.47	2.47	2.47	2.46	2.45	2.45
180	2.52	2.49	2.48	2.49	2.49	2.49	2.49	2.49	2.48	2.49	2.49	2.49	2.52	2.49	2.48	2.49	2.49	2.49	2.50

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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: 20g
SPEC.: LED	DIM.: 500*16*16MM	SERIAL No.: 20231114007
MFR.: EVERFINE	SUR.: 500*16MM	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	285	300	315	330	345														
0	236	237	237	239	242														
5	237	238	239	241	242														
10	235	236	236	237	237														
15	231	231	230	229	229														
20	225	224	221	220	220														
25	217	215	211	210	207														
30	207	204	199	196	193														
35	194	190	183	178	173														
40	178	173	164	157	149														
45	160	152	141	132	125														
50	138	127	115	108	105														
55	112	99.5	90.2	89.5	90.9														
60	85.4	74.7	70.9	76.0	78.1														
65	61.4	54.2	56.5	62.3	61.3														
70	41.7	39.0	43.8	46.0	41.8														
75	26.9	27.4	30.7	29.9	26.4														
80	16.0	18.1	19.6	18.9	16.1														
85	8.07	10.7	11.8	11.7	9.82														
90	2.17	4.22	6.32	6.61	6.64														
95	0.77	1.81	1.71	2.71	3.73														
100	0.66	1.02	1.22	2.03	2.00														
105	0.72	0.84	1.11	1.30	0.87														
110	0.83	0.86	0.98	1.13	1.19														
115	0.94	0.96	0.98	1.05	1.12														
120	1.09	1.07	1.05	1.07	1.10														
125	1.22	1.20	1.17	1.15	1.16														
130	1.36	1.33	1.29	1.26	1.25														
135	1.49	1.46	1.42	1.38	1.36														
140	1.59	1.60	1.53	1.51	1.50														
145	1.72	1.73	1.71	1.65	1.64														
150	1.85	1.82	1.83	1.79	1.79														
155	1.98	1.94	1.91	1.91	1.94														
160	2.11	2.07	2.04	2.04	2.08														
165	2.23	2.20	2.17	2.17	2.19														
170	2.34	2.32	2.29	2.29	2.31														
175	2.43	2.42	2.40	2.40	2.42														
180	2.49	2.49	2.49	2.48	2.49														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-01-12

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: