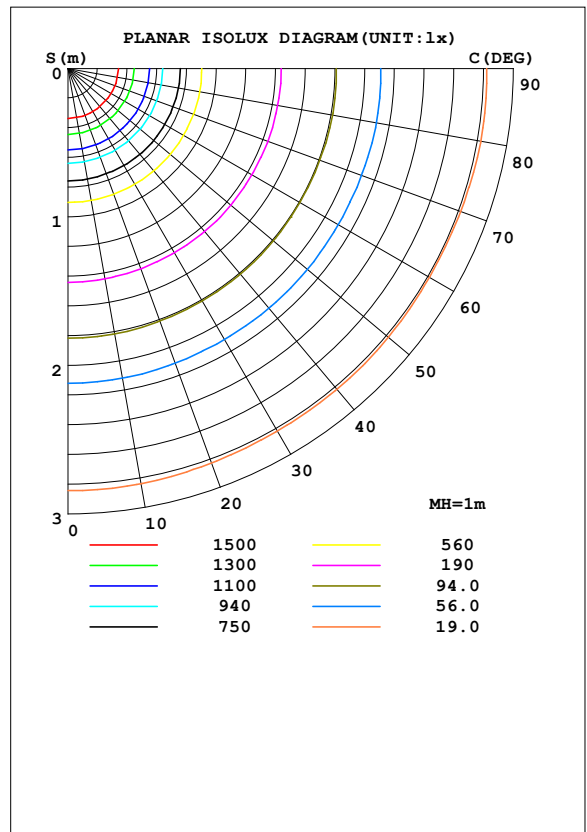
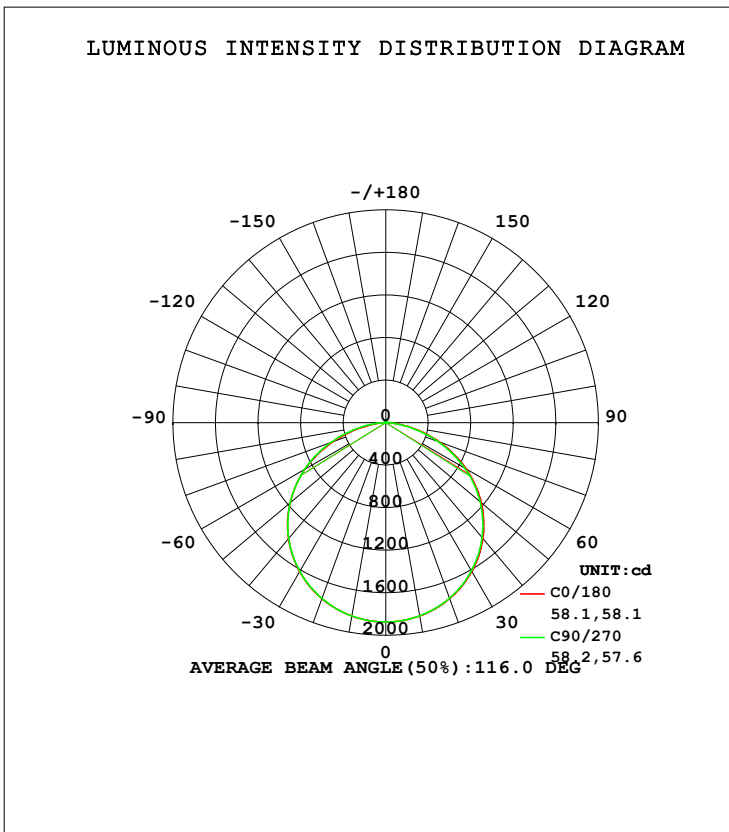


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.56 lm/W			
MODEL	HH-SWW240F012W24-2835	I _{max} (cd)	1874	S/MH (C0/180)	1.28
NOMINAL POWER (W)	39.0084	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	5561.2	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.4
NOMINAL FLUX (lm)	23.1718	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 49.9
LAMPS INSIDE	240	<input type="checkbox"/> up (%)	0.7	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	<input type="checkbox"/> down (%)	99.3	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity: 65.0%
 Test Distance: 7.950m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

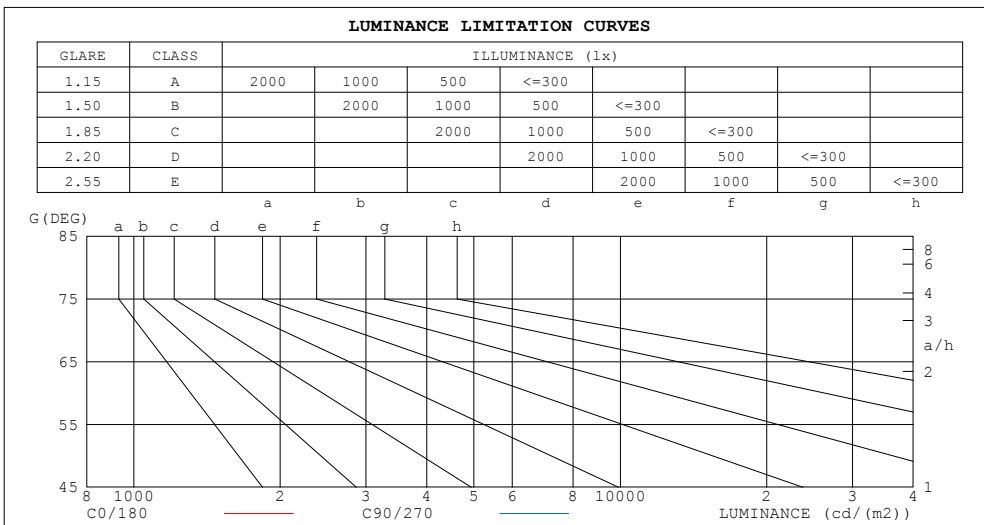
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1845	1844	1844	1847	1846	1848	1845	1844	0- 10	177.5	177.5	3.19,3.19
20	1760	1756	1755	1762	1761	1763	1758	1756	10- 20	510.8	688.4	12.4,12.4
30	1618	1612	1610	1620	1620	1622	1616	1613	20- 30	781.2	1470	26.4,26.4
40	1421	1412	1410	1423	1424	1427	1421	1416	30- 40	953.7	2423	43.6,43.6
50	1173	1161	1159	1175	1176	1181	1174	1168	40- 50	1004	3427	61.6,61.6
60	876.5	862.4	860.2	878.7	879.4	888.0	882.3	873.2	50- 60	918.3	4345	78.1,78.1
70	540.4	525.0	523.0	542.9	527.0	555.6	552.7	539.8	60- 70	701.6	5047	90.7,90.7
80	203.8	189.6	188.1	205.3	179.4	220.5	221.2	206.3	70- 80	387.7	5434	97.7,97.7
90	2.841	5.286	3.718	6.547	1.966	8.263	5.275	6.054	80- 90	89.85	5524	99.3,99.3
100	2.987	2.964	2.760	2.883	3.064	2.791	2.728	2.881	90-100	2.955	5527	99.4,99.4
110	4.356	4.209	3.991	4.126	4.491	4.115	4.020	4.215	100-110	3.712	5531	99.5,99.5
120	5.800	5.559	5.352	5.487	5.952	5.500	5.394	5.602	110-120	4.823	5536	99.5,99.5
130	7.192	6.905	6.683	6.879	7.352	6.872	6.712	6.919	120-130	5.592	5541	99.6,99.6
140	8.469	8.120	7.905	8.178	8.586	8.153	7.960	8.106	130-140	5.845	5547	99.7,99.7
150	9.494	9.190	9.014	9.321	9.583	9.263	9.003	9.137	140-150	5.468	5553	99.8,99.8
160	10.35	10.22	10.18	10.34	10.41	10.25	10.07	10.13	150-160	4.504	5557	99.9,99.9
170	11.04	11.03	11.25	11.12	11.12	11.02	11.15	10.93	160-170	3.015	5560	100,100
180	11.49	11.47	11.81	11.48	11.50	11.47	11.80	11.47	170-180	1.075	5561	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	82945	69188
80	116933	108551
75	141524	135660
70	157408	153266
65	167860	164918
60	174633	172437
55	179001	177422
50	181864	180770
45	183718	183058

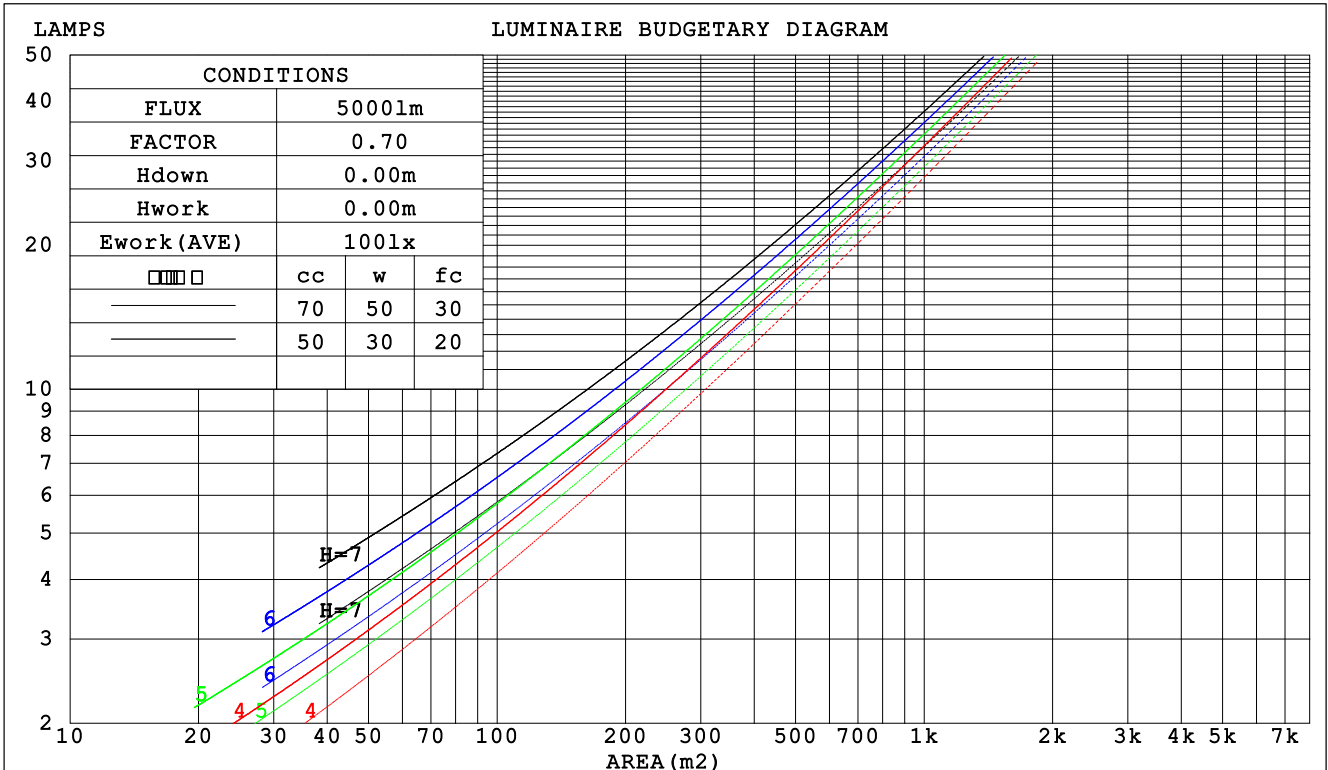
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity: 65.0%
 Test Distance: 7.950m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	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	1.01	1.01	1.01	.99
1.0	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.309	.176	.056	.301	.172	.055	.288	.165	.053	.275	.159	.051	.264	.153	.049	
2.0	.292	.160	.049	.286	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.218	.119	.036	
5.0	.231	.118	.034	.227	.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	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.185	.161	.140	.159	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.177	.137	.103	.152	.118	.089	.104	.082	.062	.060	.047	.036	.019	.015	.012	
3.0	.170	.119	.079	.146	.103	.069	.100	.072	.048	.058	.042	.028	.019	.014	.009	
4.0	.162	.106	.063	.139	.092	.055	.096	.064	.039	.055	.037	.023	.018	.012	.008	
5.0	.155	.096	.052	.133	.083	.045	.092	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.148	.087	.044	.127	.076	.039	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.081	.038	.121	.070	.033	.084	.049	.024	.049	.029	.014	.016	.009	.005	
8.0	.134	.075	.034	.116	.065	.030	.080	.046	.021	.047	.027	.012	.015	.009	.004	
9.0	.128	.070	.030	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.123	.066	.028	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz										
Lamp Flux:23.1718x240 lm										
NAME: LED Strip				TYPE: IP20				WEIGHT:		
SPEC.: 240LED/M 2835 3000K Ra>90				DIM.: 12*1000*1				SERIAL No.: 20241008003		
MFR.: Wisva				SUR.:				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	26.7	26.9	24.9	26.4	25.2	26.6	26.8
3H	26.4	27.9	26.8	28.1	28.3	26.4	27.8	26.7	28.0	28.3
4H	27.0	28.3	27.3	28.6	28.9	26.9	28.2	27.2	28.5	28.8
6H	27.4	28.6	27.7	28.9	29.2	27.2	28.5	27.6	28.8	29.1
8H	27.5	28.7	27.8	29.0	29.3	27.3	28.5	27.7	28.8	29.1
12H	27.5	28.7	27.8	29.0	29.3	27.3	28.5	27.7	28.8	29.1
4H 2H	25.5	26.9	25.8	27.1	27.4	25.5	26.8	25.8	27.1	27.4
3H	27.2	28.4	27.6	28.7	29.0	27.1	28.3	27.5	28.6	28.9
4H	27.9	28.9	28.3	29.3	29.6	27.8	28.9	28.2	29.2	29.5
6H	28.3	29.3	28.8	29.7	30.0	28.2	29.2	28.6	29.5	29.9
8H	28.5	29.4	28.9	29.7	30.1	28.3	29.2	28.7	29.6	30.0
12H	28.5	29.3	29.0	29.7	30.2	28.4	29.2	28.8	29.6	30.0
8H 4H	28.1	29.0	28.5	29.4	29.8	28.0	28.9	28.4	29.3	29.7
6H	28.7	29.4	29.1	29.8	30.3	28.6	29.3	29.0	29.7	30.1
8H	28.9	29.5	29.3	30.0	30.4	28.7	29.4	29.2	29.8	30.3
12H	29.0	29.5	29.5	30.0	30.5	28.8	29.4	29.3	29.8	30.3
12H 4H	28.1	28.9	28.5	29.3	29.7	28.0	28.8	28.4	29.2	29.6
6H	28.7	29.4	29.2	29.8	30.3	28.6	29.2	29.1	29.7	30.1
8H	28.9	29.5	29.4	29.9	30.4	28.8	29.3	29.3	29.8	30.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 5561 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.0)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:001
Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
Humidity:65.0%
Test Distance:7.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

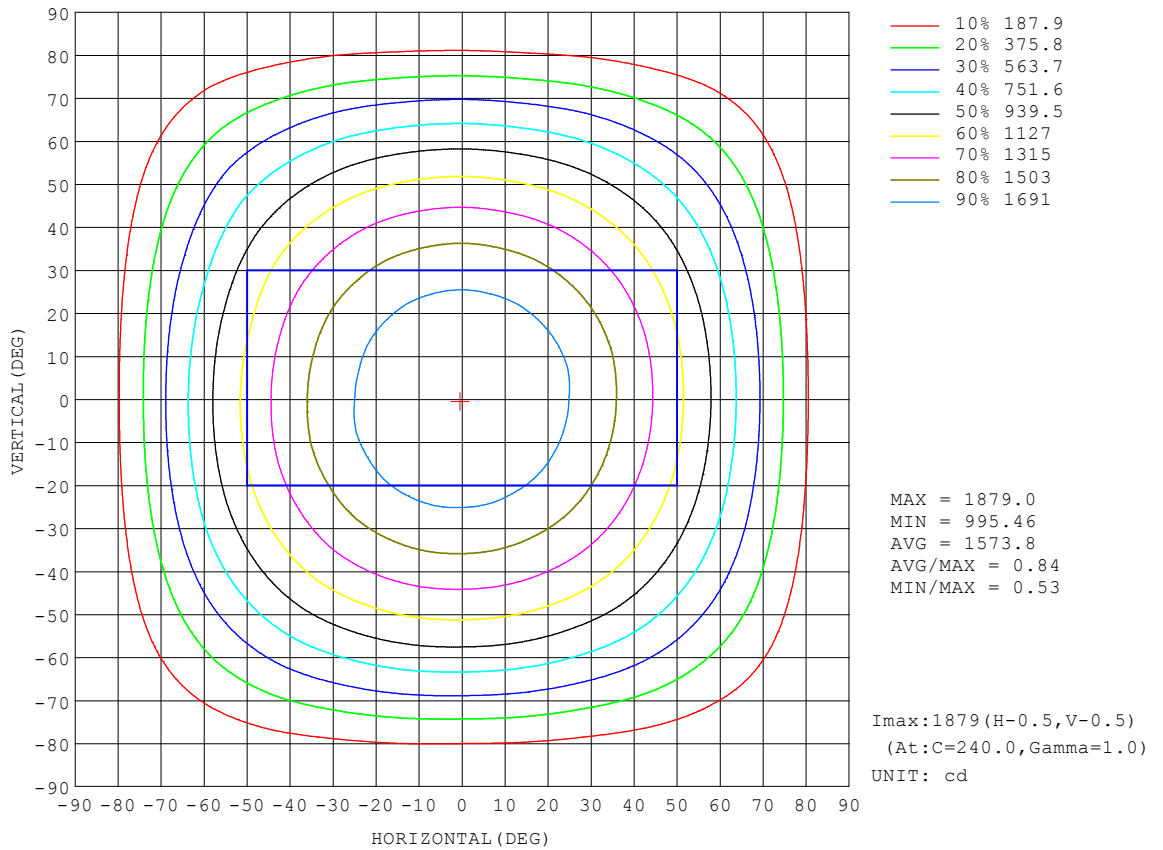
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	90	100	93	88	96	90	86	78
4.00	106	100	96	104	99	94	99	95	91	82
5.00	108	104	100	106	102	98	101	98	95	85
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:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

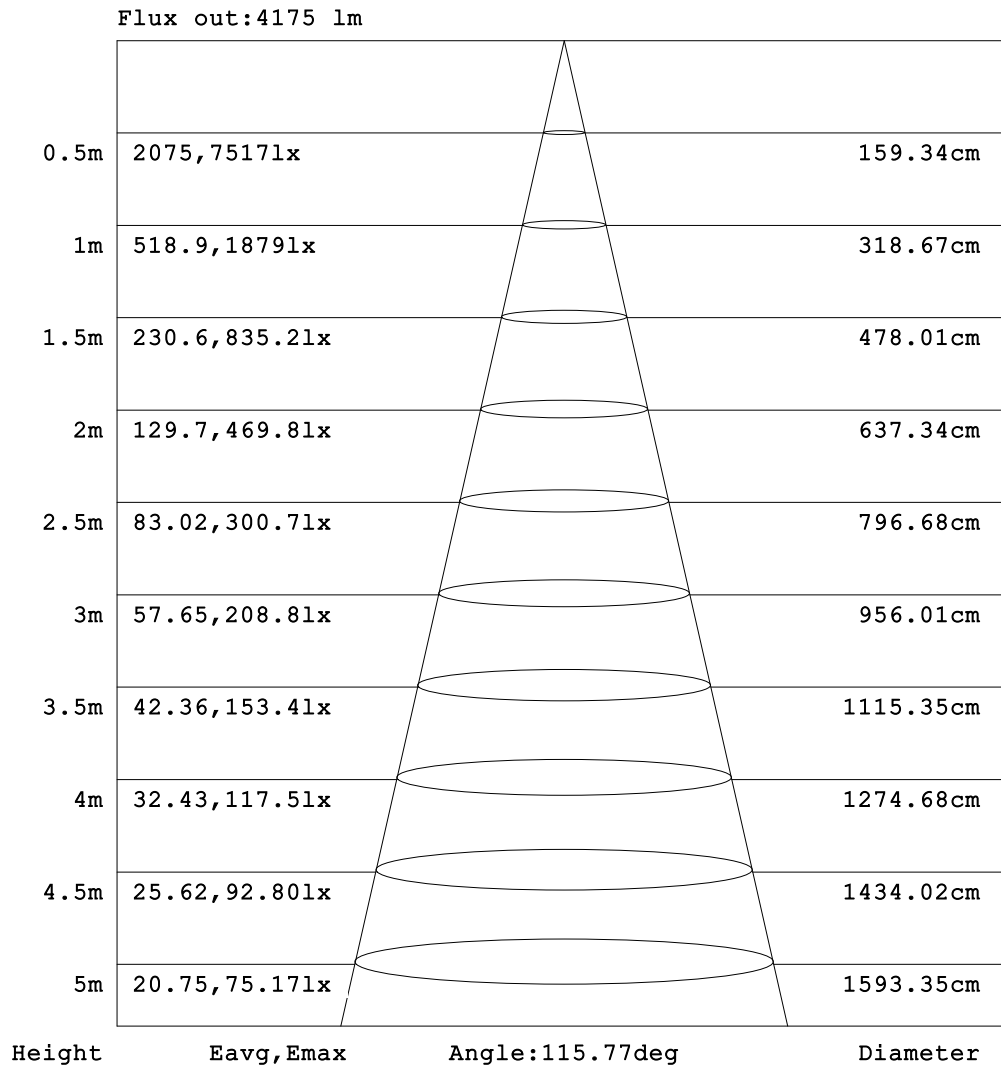


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

AAI Figure

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:



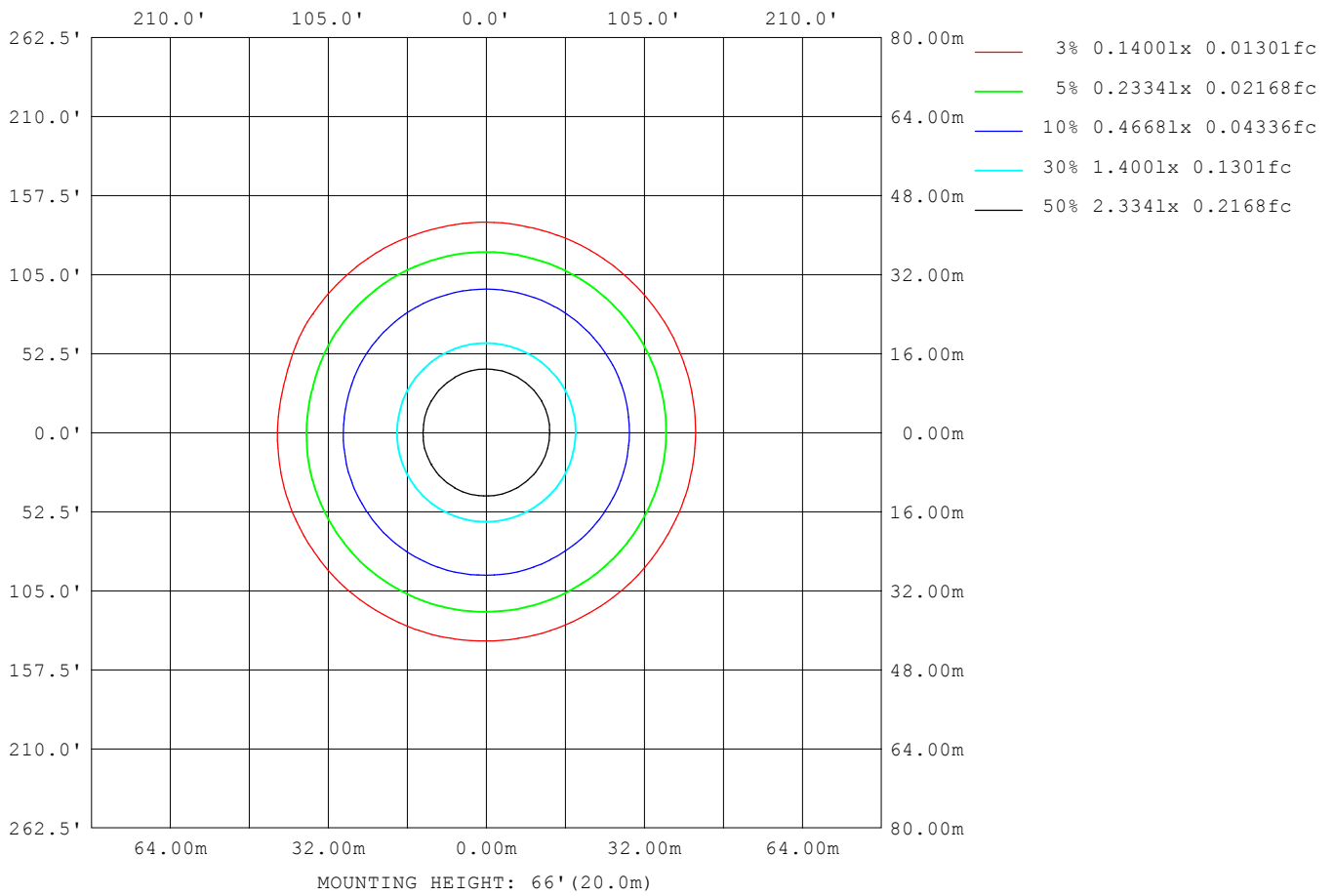
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

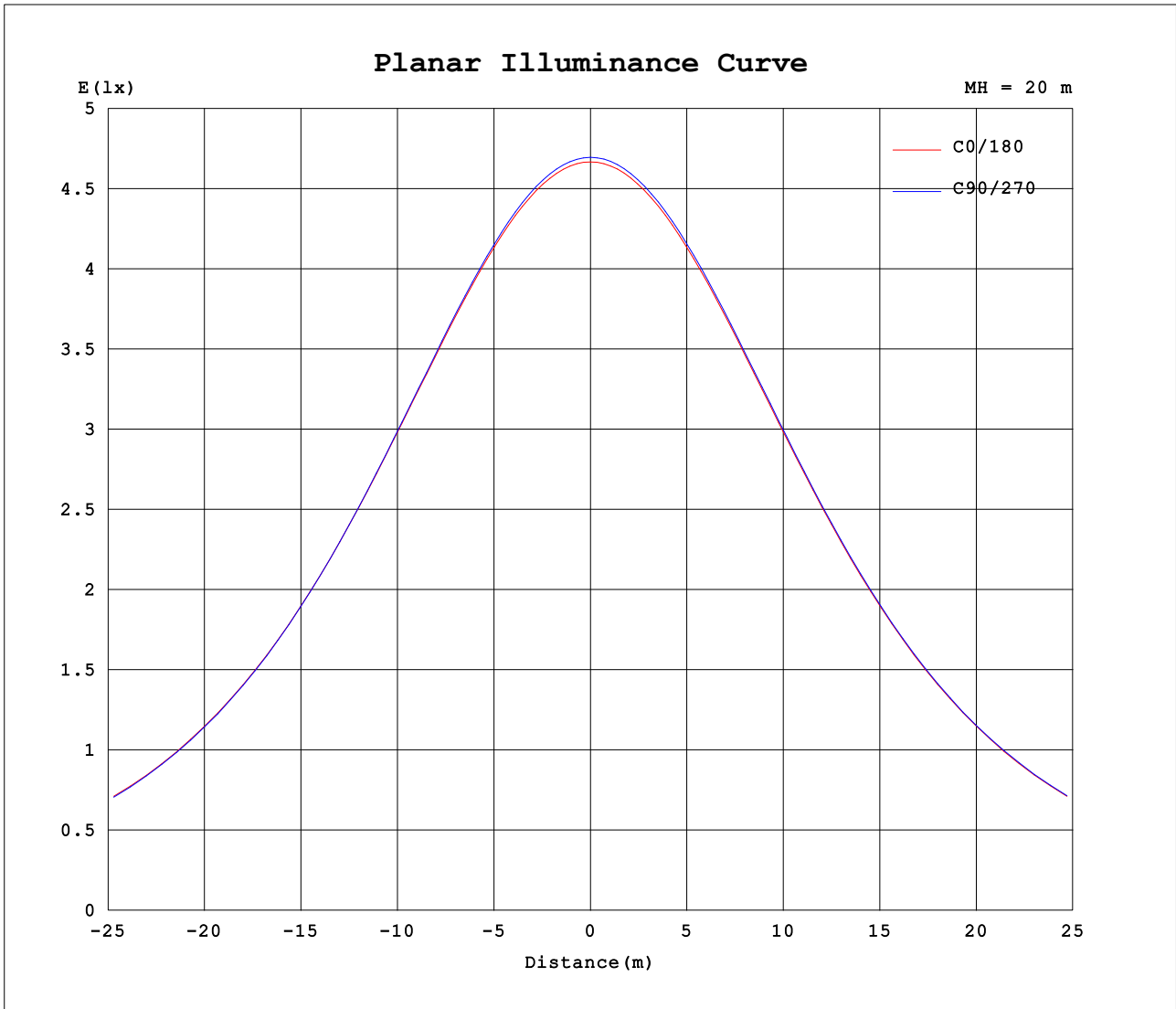
AvgL	cd/m2
L_0~180 (65) av	167902
L_0~180 (75) av	137711
L_0~180 (85) av	70364
L_90~270 (65) av	167604
L_90~270 (75) av	141552
L_90~270 (85) av	81646
L_45 (65) av	168409
L_45 (75) av	142577
L_45 (85) av	84886

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874	1874
5	1867	1867	1866	1866	1866	1866	1866	1867	1868	1868	1867	1867	1867	1867	1868	1868	1868	1868	1867
10	1845	1845	1844	1844	1843	1843	1844	1846	1847	1847	1846	1846	1846	1846	1848	1848	1848	1846	1845
15	1809	1809	1807	1807	1806	1806	1807	1809	1811	1812	1811	1811	1810	1811	1813	1812	1813	1810	1809
20	1760	1759	1756	1756	1754	1754	1755	1758	1760	1762	1761	1761	1761	1761	1763	1763	1763	1760	1758
25	1696	1695	1691	1691	1688	1689	1689	1694	1695	1698	1697	1698	1697	1698	1700	1699	1700	1695	1694
30	1618	1616	1612	1612	1609	1610	1610	1614	1617	1620	1619	1620	1620	1620	1623	1622	1622	1617	1616
35	1526	1524	1520	1519	1516	1517	1517	1522	1525	1529	1528	1529	1528	1529	1533	1531	1532	1526	1525
40	1421	1419	1413	1412	1408	1410	1410	1416	1418	1423	1422	1424	1424	1425	1429	1427	1428	1422	1421
45	1304	1301	1295	1293	1289	1291	1291	1298	1301	1306	1305	1306	1306	1308	1312	1311	1311	1305	1303
50	1173	1170	1163	1161	1157	1159	1159	1166	1169	1175	1174	1176	1176	1171	1183	1181	1182	1176	1174
55	1031	1027	1019	1017	1012	1016	1015	1023	1026	1033	1031	1034	1033	1031	1042	1040	1042	1035	1033
60	877	873	864	862	857	860	860	869	871	879	877	880	879	877	890	888	890	883	882
65	712	709	698	697	691	695	695	704	707	714	713	713	707	699	727	725	729	721	721
70	540	537	526	525	519	524	523	533	535	543	539	531	527	529	557	556	560	553	553
75	368	365	353	353	346	352	350	361	362	370	366	352	345	369	384	384	389	383	382
80	204	200	190	190	184	189	188	197	198	205	201	192	179	202	221	221	226	220	221
85	72.6	69.7	63.7	62.7	59.1	60.7	60.2	65.8	67.9	72.1	69.6	67.0	50.1	74.1	85.0	85.5	87.5	82.5	82.2
90	2.84	4.74	4.90	5.29	5.10	4.44	3.72	4.82	6.04	6.55	5.69	5.00	1.97	4.97	7.95	8.26	8.74	6.41	5.28
95	2.42	2.53	2.47	2.45	2.35	2.31	2.26	2.30	2.31	2.37	2.41	2.50	2.47	2.37	2.32	2.28	2.30	2.22	2.21
100	2.99	3.02	2.99	2.96	2.86	2.81	2.76	2.79	2.80	2.88	2.94	3.03	3.06	2.96	2.89	2.79	2.77	2.72	2.73
105	3.65	3.63	3.60	3.57	3.46	3.40	3.35	3.38	3.40	3.48	3.54	3.64	3.75	3.63	3.54	3.44	3.38	3.33	3.35
110	4.36	4.31	4.25	4.21	4.10	4.04	3.99	4.01	4.03	4.13	4.20	4.31	4.49	4.34	4.24	4.11	4.05	3.99	4.02
115	5.08	5.00	4.93	4.88	4.78	4.71	4.67	4.68	4.70	4.80	4.89	5.02	5.23	5.05	4.94	4.81	4.74	4.67	4.70
120	5.80	5.70	5.62	5.56	5.46	5.40	5.35	5.36	5.38	5.49	5.59	5.72	5.95	5.77	5.63	5.50	5.43	5.36	5.39
125	6.50	6.41	6.30	6.23	6.14	6.07	6.03	6.03	6.07	6.18	6.28	6.44	6.67	6.48	6.33	6.19	6.11	6.04	6.06
130	7.19	7.12	6.97	6.91	6.80	6.74	6.68	6.71	6.76	6.88	6.97	7.14	7.35	7.17	7.01	6.87	6.79	6.72	6.71
135	7.87	7.79	7.62	7.53	7.43	7.37	7.32	7.36	7.43	7.55	7.64	7.82	8.00	7.84	7.66	7.54	7.45	7.37	7.36
140	8.47	8.39	8.21	8.12	8.01	7.95	7.90	7.99	8.08	8.18	8.27	8.44	8.59	8.43	8.27	8.15	8.09	7.97	7.96
145	9.01	8.94	8.78	8.66	8.56	8.50	8.47	8.61	8.68	8.77	8.85	8.99	9.11	8.98	8.85	8.72	8.67	8.56	8.49
150	9.49	9.44	9.32	9.19	9.07	9.02	9.01	9.22	9.26	9.32	9.39	9.48	9.58	9.47	9.37	9.26	9.23	9.15	9.00
155	9.94	9.91	9.81	9.72	9.61	9.53	9.57	9.79	9.82	9.86	9.88	9.95	10.02	9.92	9.86	9.80	9.78	9.72	9.52
160	10.4	10.3	10.3	10.2	10.1	10.1	10.2	10.4	10.4	10.3	10.3	10.4	10.4	10.3	10.3	10.2	10.3	10.3	10.1
165	10.7	10.7	10.7	10.6	10.6	10.6	10.8	10.9	10.8	10.8	10.7	10.7	10.8	10.7	10.7	10.7	10.8	10.8	10.6
170	11.0	11.1	11.0	11.0	11.0	11.0	11.2	11.3	11.2	11.1	11.1	11.1	11.1	11.0	11.0	11.0	11.1	11.2	11.2
175	11.3	11.4	11.3	11.4	11.4	11.4	11.6	11.6	11.4	11.4	11.3	11.3	11.4	11.3	11.3	11.3	11.4	11.5	11.6
180	11.5	11.5	11.5	11.5	11.5	11.6	11.8	11.6	11.5	11.5	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.8

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:1.5890A P:39.008W PF:1.0000 Freq:49.99Hz Lamp Flux:23.1718x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 3000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008003
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	1874	1874	1874	1874	1874														
5	1866	1866	1866	1867	1867														
10	1843	1844	1844	1845	1845														
15	1806	1808	1807	1809	1809														
20	1755	1757	1756	1758	1759														
25	1691	1693	1692	1694	1695														
30	1612	1614	1613	1616	1617														
35	1521	1523	1521	1525	1525														
40	1416	1418	1416	1420	1420														
45	1299	1301	1299	1302	1303														
50	1169	1171	1168	1172	1172														
55	1028	1029	1026	1030	1030														
60	875	877	873	877	876														
65	713	715	710	714	711														
70	544	546	540	544	540														
75	374	375	369	372	368														
80	213	214	206	209	205														
85	78.2	79.8	75.6	76.5	72.8														
90	4.98	6.13	6.05	6.15	5.24														
95	2.19	2.29	2.32	2.41	2.42														
100	2.73	2.83	2.88	2.97	2.99														
105	3.37	3.47	3.54	3.63	3.65														
110	4.04	4.14	4.22	4.31	4.36														
115	4.73	4.84	4.92	5.01	5.08														
120	5.42	5.53	5.60	5.70	5.78														
125	6.09	6.20	6.27	6.37	6.48														
130	6.74	6.85	6.92	7.03	7.17														
135	7.35	7.47	7.53	7.65	7.83														
140	7.93	8.04	8.11	8.24	8.41														
145	8.48	8.57	8.62	8.78	8.94														
150	8.99	9.06	9.14	9.30	9.43														
155	9.48	9.56	9.65	9.79	9.89														
160	10.0	10.1	10.1	10.2	10.3														
165	10.5	10.5	10.5	10.6	10.7														
170	11.0	11.0	10.9	11.0	11.0														
175	11.3	11.3	11.2	11.3	11.3														
180	11.6	11.5	11.5	11.5	11.5														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.445
 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks: