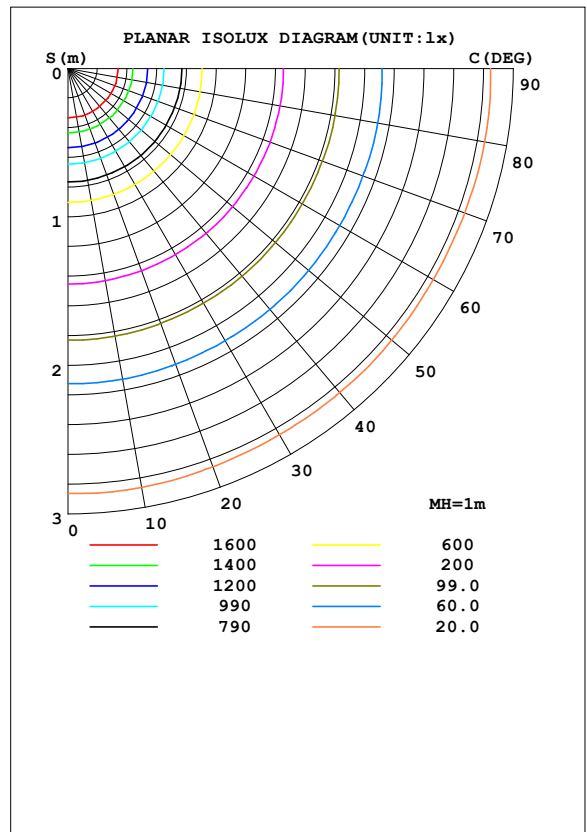
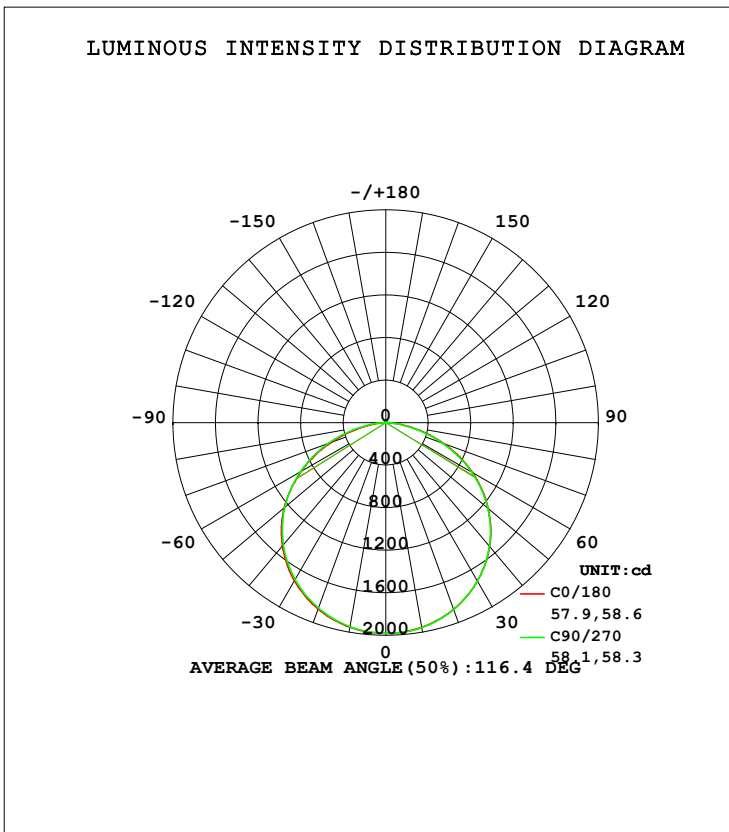


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.58 lm/W			
MODEL	HH-SNW240F012W24-2835	I _{max} (cd)	1981	S/MH (C0/180)	1.29
NOMINAL POWER (W)	39.5926	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	5922.3	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.8
NOMINAL FLUX (lm)	24.6762	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 49.5
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:

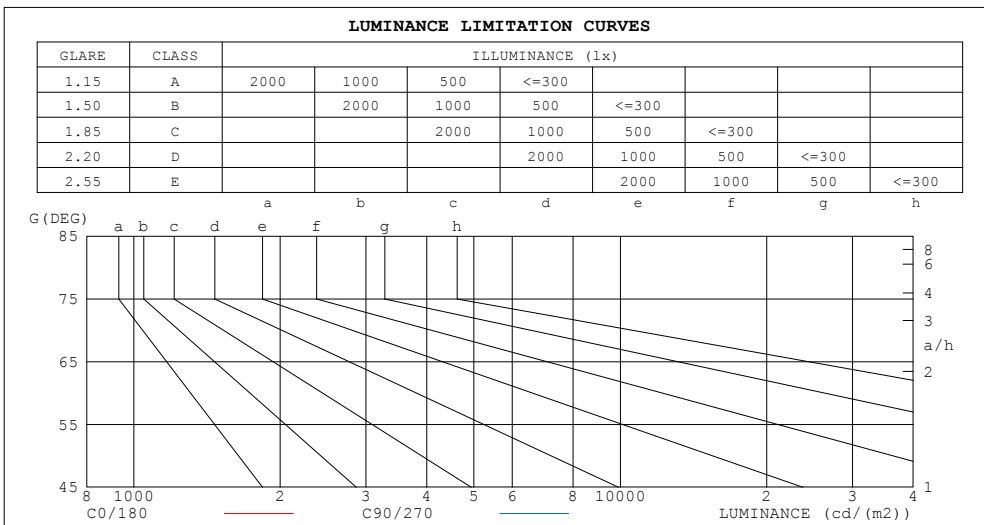
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	1954	1955	1956	1957	1952	1951	1948	1948	0- 10	187.8	187.8	3.17,3.17
20	1867	1869	1869	1873	1864	1861	1855	1856	10- 20	541.0	728.8	12.3,12.3
30	1722	1723	1723	1728	1718	1713	1705	1707	20- 30	829.0	1558	26.3,26.3
40	1518	1518	1516	1524	1512	1508	1499	1501	30- 40	1015	2573	43.4,43.4
50	1258	1255	1253	1262	1248	1249	1239	1240	40- 50	1070	3643	61.5,61.5
60	943.6	937.0	933.5	944.1	918.8	936.1	929.4	927.4	50- 60	980.9	4624	78.1,78.1
70	584.5	575.2	569.7	581.2	546.9	580.3	577.6	572.0	60- 70	749.7	5373	90.7,90.7
80	224.4	213.7	209.4	218.8	180.6	224.6	225.8	217.1	70- 80	412.8	5786	97.7,97.7
90	3.051	5.724	4.054	6.157	2.112	9.132	7.584	8.040	80- 90	96.61	5883	99.3,99.3
100	3.165	3.152	2.905	3.060	3.295	3.050	2.977	3.119	90-100	3.219	5886	99.4,99.4
110	4.619	4.462	4.210	4.378	4.837	4.481	4.352	4.537	100-110	3.975	5890	99.5,99.5
120	6.143	5.889	5.650	5.827	6.387	5.948	5.818	5.999	110-120	5.154	5895	99.5,99.5
130	7.637	7.295	7.051	7.286	7.872	7.410	7.224	7.396	120-130	5.963	5901	99.6,99.6
140	8.986	8.574	8.347	8.669	9.160	8.742	8.529	8.645	130-140	6.223	5907	99.7,99.7
150	10.07	9.717	9.527	9.879	10.20	9.899	9.620	9.733	140-150	5.814	5913	99.8,99.8
160	10.99	10.80	10.75	10.96	11.05	10.91	10.73	10.76	150-160	4.782	5918	99.9,99.9
170	11.72	11.68	11.91	11.78	11.79	11.70	11.85	11.61	160-170	3.199	5921	100,100
180	12.20	12.16	12.52	12.19	12.18	12.16	12.51	12.16	170-180	1.141	5922	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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	94906	80333
80	128626	120802
75	153488	148480
70	170067	166871
65	180943	179166
60	187822	187052
55	192169	192111
50	194836	195272
45	196443	197234

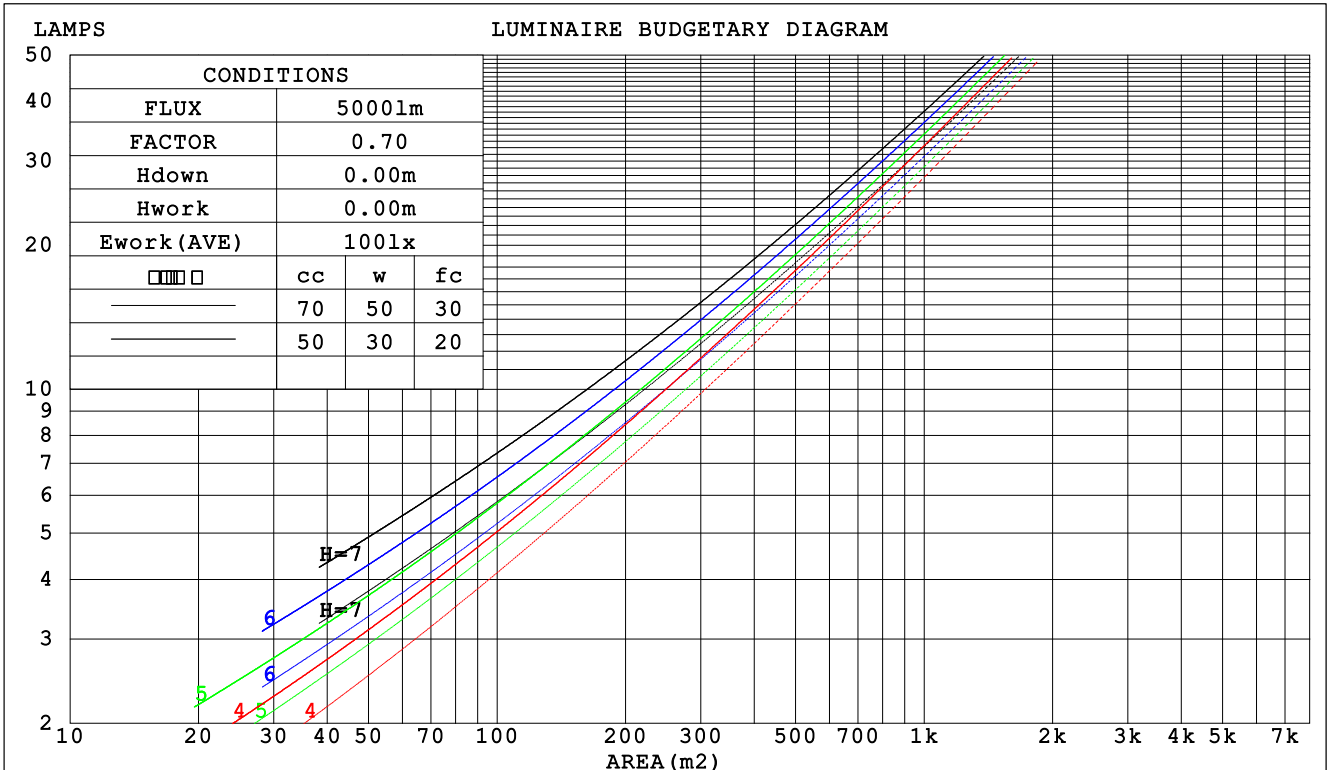
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
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	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.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	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.36	.30	.25	.23



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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
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	.302	.172	.055	.288	.165	.053	.276	.159	.051	.264	.153	.049	
2.0	.292	.160	.049	.286	.157	.049	.274	.152	.047	.263	.147	.046	.252	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.130	.040	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.227	.117	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033	
6.0	.215	.108	.031	.211	.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	.026	.177	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.175	.085	.024	.172	.084	.024	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.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	.088	.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	.135	.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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz										
Lamp Flux:24.6762x240 lm										
NAME: LED Strip				TYPE: IP20				WEIGHT:		
SPEC.: 240LED/M 2835 4000K Ra>90				DIM.: 12*1000*1				SERIAL No.: 20241008004		
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	25.0	26.5	25.3	26.8	27.0	25.0	26.5	25.3	26.7	27.0
3H	26.6	28.0	26.9	28.2	28.5	26.5	27.9	26.8	28.2	28.4
4H	27.1	28.5	27.5	28.7	29.0	27.1	28.4	27.4	28.7	28.9
6H	27.5	28.8	27.8	29.0	29.3	27.4	28.7	27.7	28.9	29.2
8H	27.6	28.8	27.9	29.1	29.4	27.5	28.7	27.8	29.0	29.3
12H	27.6	28.8	28.0	29.1	29.4	27.5	28.7	27.9	29.0	29.3
4H 2H	25.6	27.0	26.0	27.2	27.5	25.6	27.0	25.9	27.2	27.5
3H	27.3	28.5	27.7	28.8	29.1	27.3	28.5	27.7	28.8	29.1
4H	28.0	29.1	28.4	29.4	29.8	28.0	29.0	28.3	29.4	29.7
6H	28.5	29.4	28.9	29.8	30.2	28.4	29.3	28.8	29.7	30.1
8H	28.6	29.5	29.1	29.9	30.3	28.5	29.4	28.9	29.8	30.2
12H	28.7	29.5	29.2	29.9	30.3	28.6	29.4	29.0	29.8	30.2
8H 4H	28.2	29.1	28.7	29.5	29.9	28.2	29.1	28.6	29.4	29.8
6H	28.8	29.6	29.3	30.0	30.4	28.8	29.5	29.2	29.9	30.3
8H	29.1	29.7	29.5	30.1	30.6	28.9	29.6	29.4	30.0	30.5
12H	29.2	29.7	29.7	30.2	30.7	29.0	29.6	29.5	30.1	30.5
12H 4H	28.2	29.1	28.7	29.5	29.9	28.2	29.0	28.6	29.4	29.8
6H	28.9	29.5	29.4	30.0	30.4	28.8	29.4	29.3	29.9	30.3
8H	29.1	29.7	29.6	30.1	30.6	29.0	29.6	29.5	30.0	30.5
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, 5922 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.2)
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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:

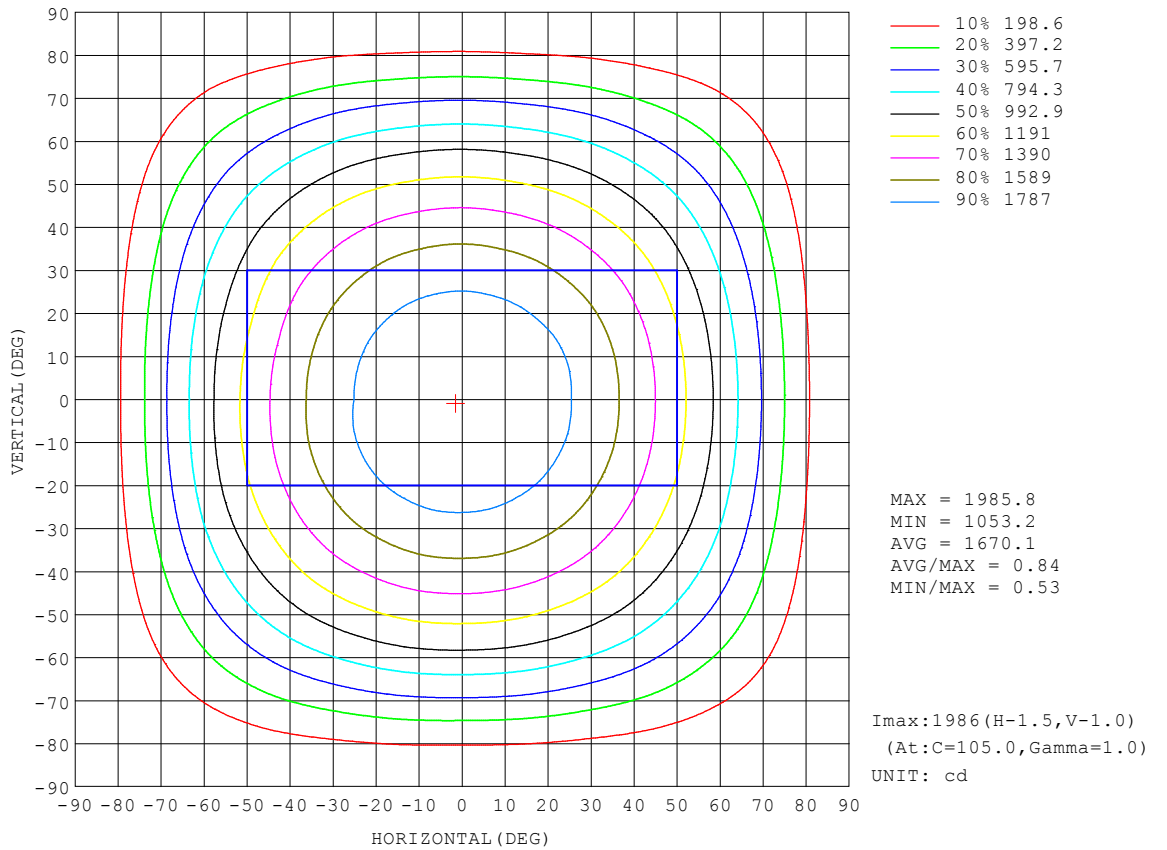
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	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	77
4.00	106	100	96	104	98	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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:

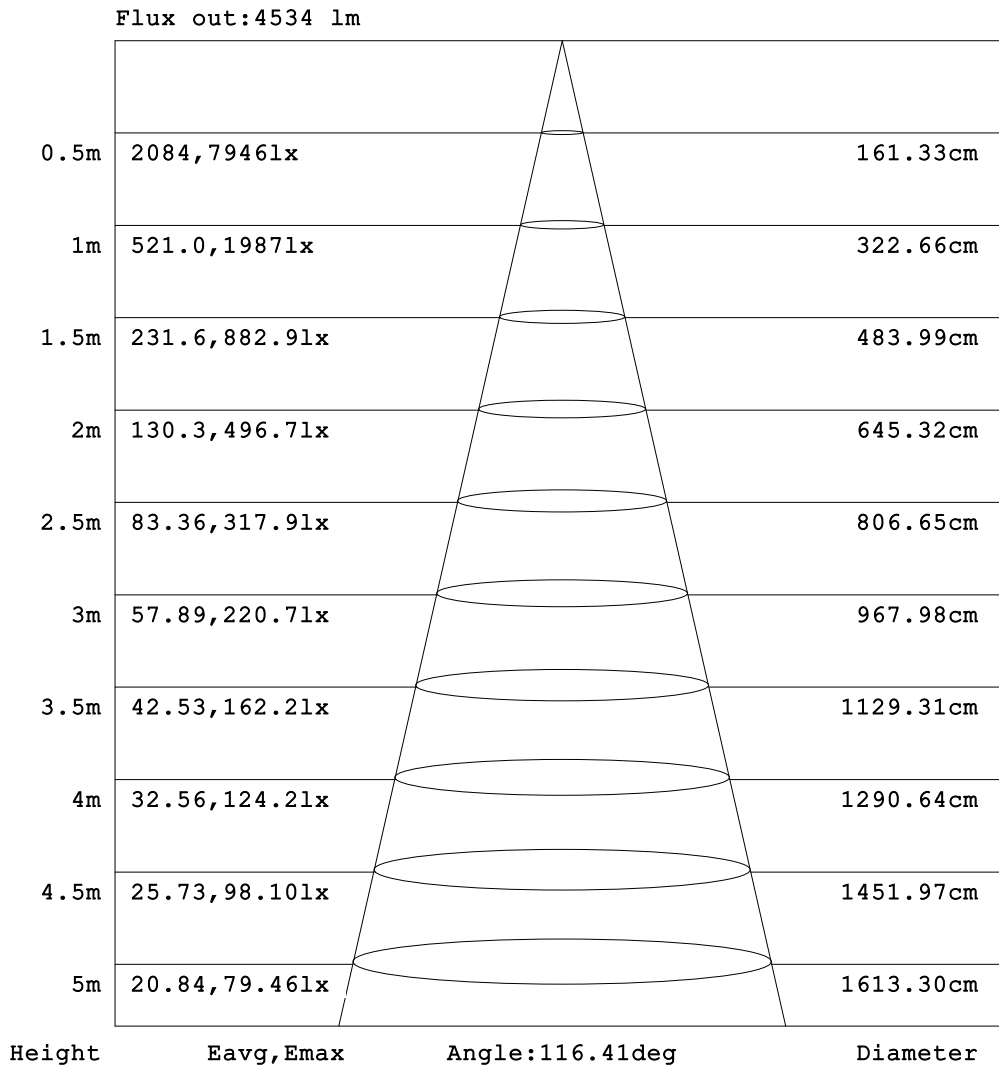


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-08

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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:



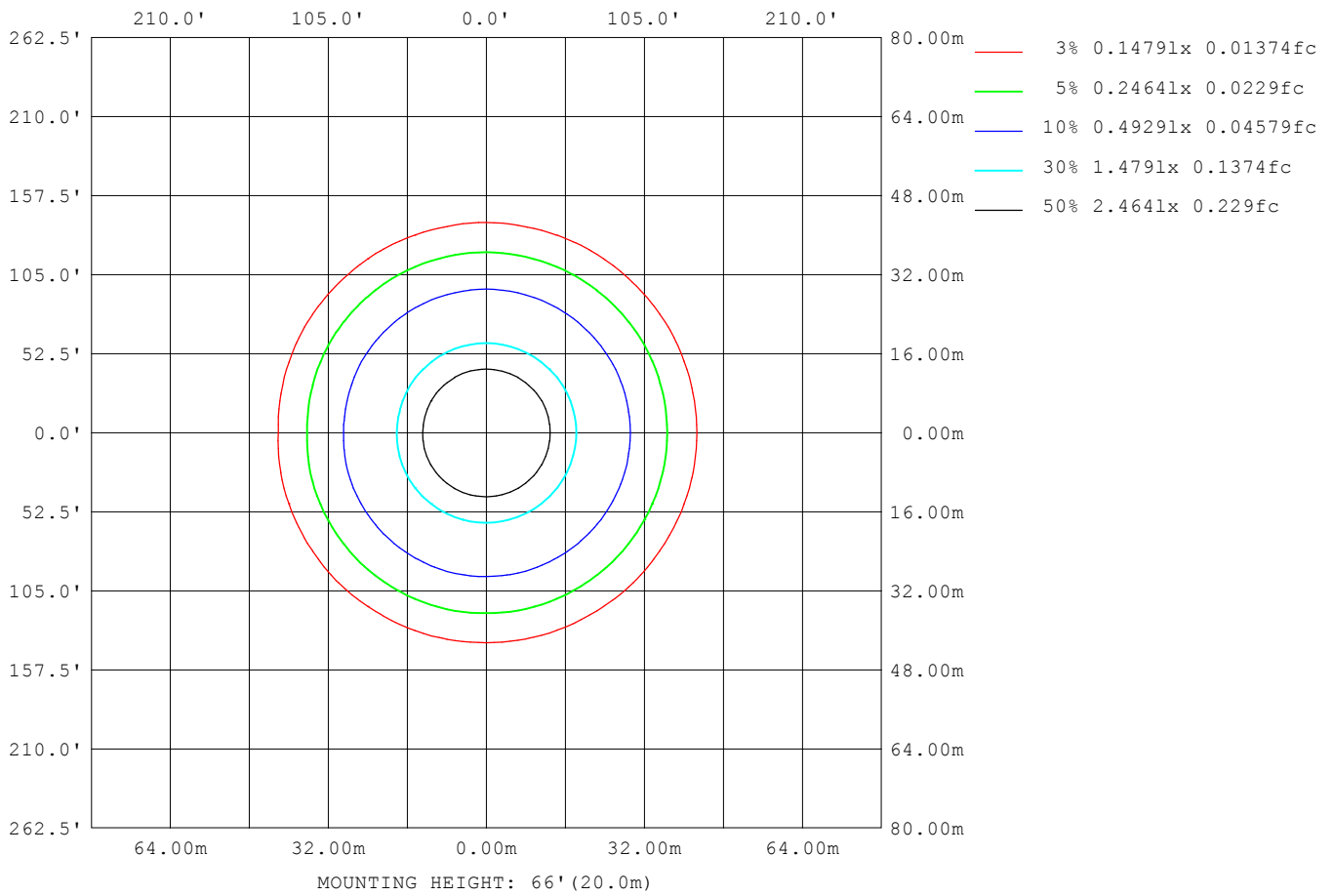
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:

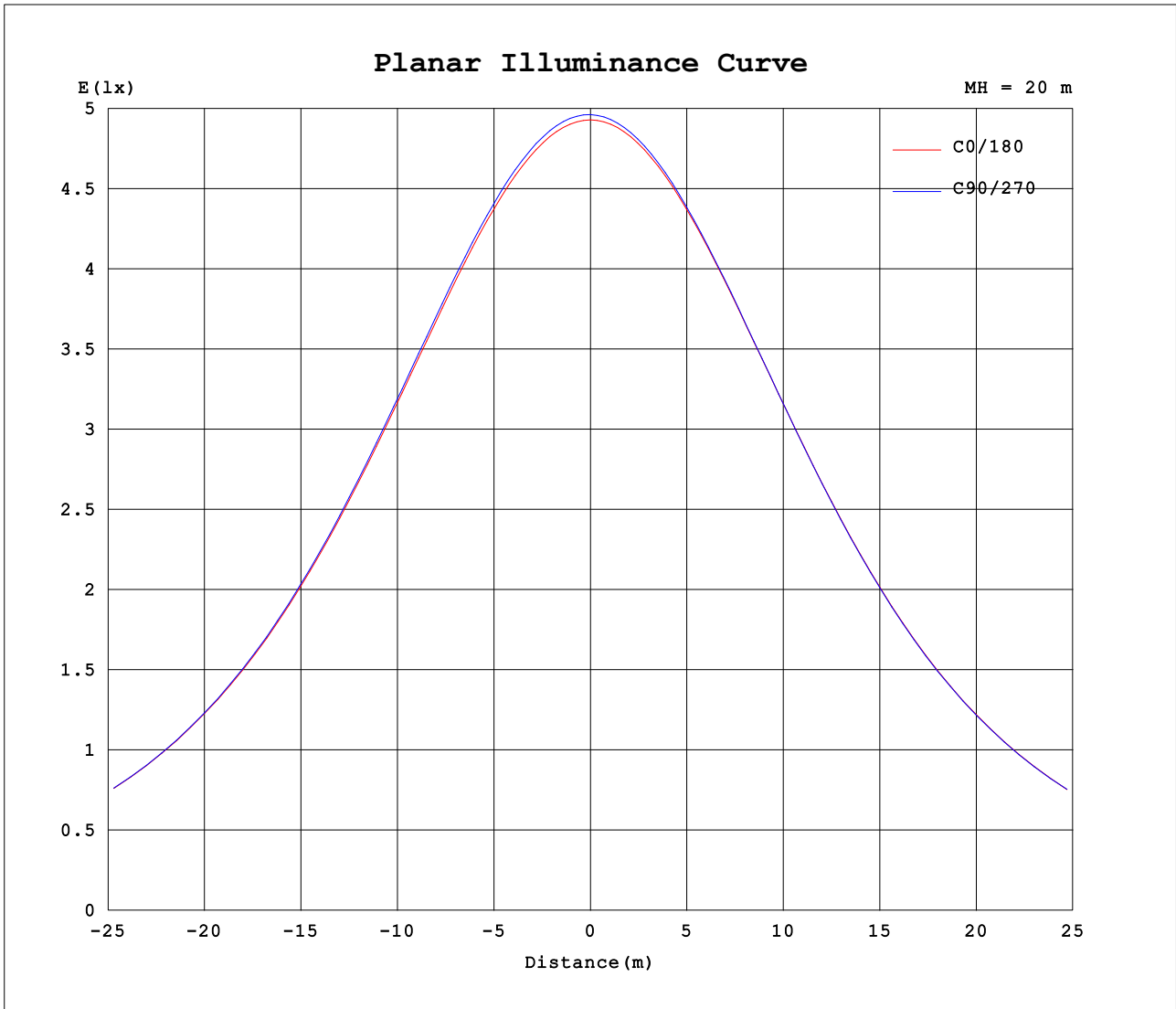
AvgL	cd/m2
L_0~180 (65) av	178270
L_0~180 (75) av	145560
L_0~180 (85) av	75414
L_90~270 (65) av	179100
L_90~270 (75) av	150677
L_90~270 (85) av	87045
L_45 (65) av	179998
L_45 (75) av	151779
L_45 (85) av	93570

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:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
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	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981	1981
5	1975	1975	1975	1975	1975	1975	1976	1977	1977	1977	1975	1975	1974	1974	1974	1973	1973	1972	1972
10	1954	1954	1954	1955	1954	1955	1956	1957	1958	1957	1955	1954	1952	1952	1952	1951	1951	1948	1948
15	1918	1919	1918	1919	1919	1919	1920	1922	1923	1923	1920	1918	1916	1915	1915	1913	1913	1909	1909
20	1867	1868	1867	1869	1868	1869	1869	1872	1873	1873	1869	1868	1864	1863	1863	1861	1860	1856	1855
25	1802	1804	1802	1803	1802	1803	1803	1807	1807	1808	1804	1802	1798	1797	1797	1794	1793	1788	1787
30	1722	1724	1722	1723	1722	1723	1723	1726	1727	1728	1724	1722	1718	1716	1717	1713	1712	1706	1705
35	1628	1629	1627	1628	1626	1627	1627	1631	1632	1634	1629	1627	1622	1620	1622	1618	1617	1609	1609
40	1518	1520	1516	1518	1515	1517	1516	1521	1521	1524	1519	1518	1512	1511	1512	1508	1507	1500	1499
45	1396	1397	1393	1394	1391	1393	1392	1397	1397	1400	1396	1394	1388	1382	1389	1385	1384	1377	1376
50	1258	1259	1254	1255	1252	1254	1253	1258	1258	1262	1257	1255	1248	1241	1253	1249	1248	1240	1239
55	1108	1108	1102	1103	1098	1101	1100	1106	1106	1109	1104	1103	1088	1082	1102	1099	1099	1091	1090
60	944	944	936	937	932	935	934	940	940	944	938	938	919	929	939	936	938	929	929
65	768	768	760	760	755	758	756	763	762	767	761	758	738	754	765	762	765	757	758
70	584	584	574	575	568	573	570	578	576	581	573	562	547	568	582	580	585	577	578
75	399	399	388	389	382	387	384	392	389	395	387	370	354	384	398	398	402	396	396
80	224	223	214	214	208	212	209	216	215	219	211	199	181	206	226	225	231	224	226
85	83.1	81.8	77.3	77.3	72.7	72.5	69.9	75.3	77.1	80.6	76.0	68.9	48.3	74.2	86.6	86.4	87.2	81.6	81.8
90	3.05	5.19	5.20	5.72	5.60	4.81	4.05	5.07	6.20	6.16	5.10	4.15	2.11	4.73	7.85	9.13	10.1	8.24	7.58
95	2.56	2.70	2.64	2.62	2.50	2.44	2.38	2.43	2.44	2.52	2.57	2.67	2.64	2.59	2.55	2.51	2.53	2.45	2.42
100	3.17	3.21	3.18	3.15	3.03	2.97	2.90	2.95	2.97	3.06	3.12	3.24	3.30	3.23	3.17	3.05	3.03	2.97	2.98
105	3.87	3.85	3.81	3.78	3.65	3.58	3.53	3.56	3.59	3.70	3.77	3.90	4.04	3.94	3.86	3.76	3.69	3.62	3.64
110	4.62	4.55	4.49	4.46	4.34	4.25	4.21	4.23	4.26	4.38	4.47	4.63	4.84	4.70	4.59	4.48	4.41	4.33	4.35
115	5.39	5.29	5.22	5.16	5.05	4.97	4.92	4.94	4.98	5.09	5.20	5.37	5.63	5.46	5.35	5.21	5.15	5.06	5.09
120	6.14	6.03	5.93	5.89	5.78	5.69	5.65	5.66	5.70	5.83	5.93	6.11	6.39	6.22	6.08	5.95	5.88	5.80	5.82
125	6.90	6.79	6.66	6.60	6.49	6.42	6.36	6.37	6.42	6.55	6.69	6.88	7.15	6.97	6.82	6.69	6.59	6.52	6.52
130	7.64	7.54	7.37	7.30	7.19	7.12	7.05	7.08	7.15	7.29	7.41	7.62	7.87	7.71	7.54	7.41	7.31	7.23	7.22
135	8.34	8.24	8.04	7.96	7.85	7.79	7.73	7.78	7.86	8.00	8.11	8.34	8.54	8.39	8.22	8.10	8.01	7.92	7.91
140	8.99	8.89	8.69	8.57	8.47	8.40	8.35	8.44	8.54	8.67	8.77	8.99	9.16	9.03	8.86	8.74	8.67	8.55	8.53
145	9.55	9.47	9.29	9.16	9.05	8.97	8.94	9.11	9.19	9.30	9.39	9.57	9.70	9.59	9.46	9.33	9.28	9.17	9.09
150	10.1	10.00	9.86	9.72	9.59	9.53	9.53	9.75	9.80	9.88	9.95	10.1	10.2	10.1	10.01	9.90	9.86	9.78	9.62
155	10.5	10.5	10.4	10.3	10.2	10.1	10.1	10.3	10.4	10.4	10.5	10.6	10.6	10.6	10.5	10.4	10.4	10.4	10.2
160	11.0	10.9	10.8	10.8	10.7	10.7	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9	11.0	10.9	10.7
165	11.4	11.4	11.3	11.3	11.2	11.2	11.4	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.5	11.5	11.3
170	11.7	11.7	11.7	11.7	11.7	11.7	11.9	12.0	11.8	11.8	11.7	11.8	11.8	11.7	11.7	11.7	11.8	11.9	11.8
175	12.0	12.0	12.0	12.0	12.0	12.1	12.3	12.3	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.2	12.3
180	12.2	12.2	12.2	12.2	12.2	12.3	12.5	12.3	12.2	12.2	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.5

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:1.6128A P:39.593W PF:1.0000 Freq:49.99Hz Lamp Flux:24.6762x240 lm		
NAME: LED Strip	TYPE: IP20	WEIGHT:
SPEC.: 240LED/M 2835 4000K Ra>90	DIM.: 12*1000*1	SERIAL No.: 20241008004
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	1981	1981	1981	1981	1981														
5	1971	1971	1972	1973	1973														
10	1946	1947	1948	1950	1952														
15	1906	1909	1910	1913	1915														
20	1852	1855	1856	1861	1864														
25	1784	1788	1789	1794	1798														
30	1702	1706	1707	1713	1717														
35	1605	1610	1611	1618	1622														
40	1495	1500	1501	1509	1513														
45	1372	1376	1378	1385	1390														
50	1235	1240	1240	1248	1252														
55	1085	1090	1090	1098	1102														
60	923	929	927	936	938														
65	751	756	753	762	763														
70	571	575	572	580	580														
75	390	393	390	396	396														
80	219	222	217	223	221														
85	79.4	83.8	81.9	84.8	82.2														
90	7.34	8.62	8.04	7.76	6.40														
95	2.41	2.48	2.51	2.58	2.58														
100	2.97	3.07	3.12	3.19	3.18														
105	3.64	3.74	3.81	3.88	3.89														
110	4.37	4.47	4.54	4.61	4.64														
115	5.11	5.21	5.28	5.35	5.39														
120	5.83	5.93	6.00	6.08	6.14														
125	6.55	6.65	6.72	6.80	6.89														
130	7.24	7.35	7.40	7.50	7.61														
135	7.89	7.99	8.05	8.15	8.31														
140	8.50	8.59	8.65	8.76	8.93														
145	9.06	9.14	9.19	9.35	9.50														
150	9.60	9.66	9.73	9.90	10.0														
155	10.1	10.2	10.3	10.4	10.5														
160	10.7	10.7	10.8	10.9	10.9														
165	11.2	11.2	11.2	11.3	11.3														
170	11.7	11.6	11.6	11.7	11.7														
175	12.0	12.0	11.9	12.0	12.0														
180	12.3	12.2	12.2	12.2	12.1														

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: