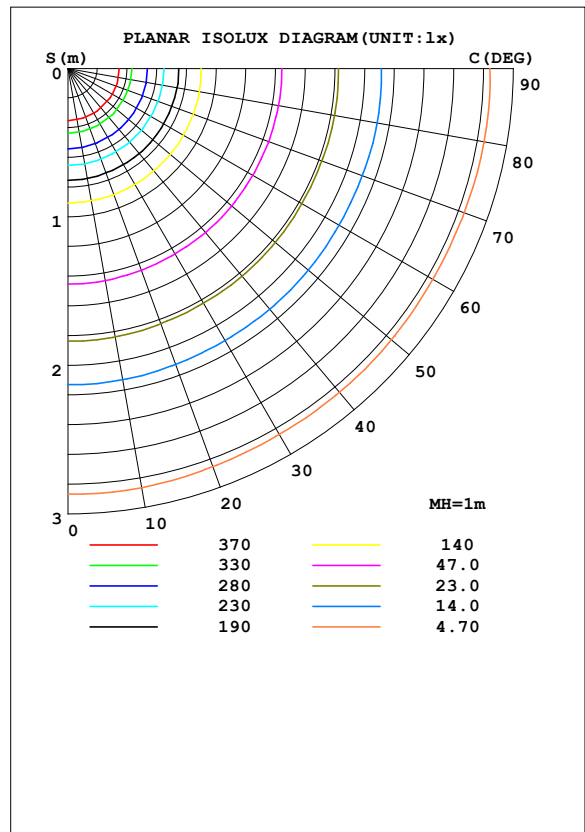
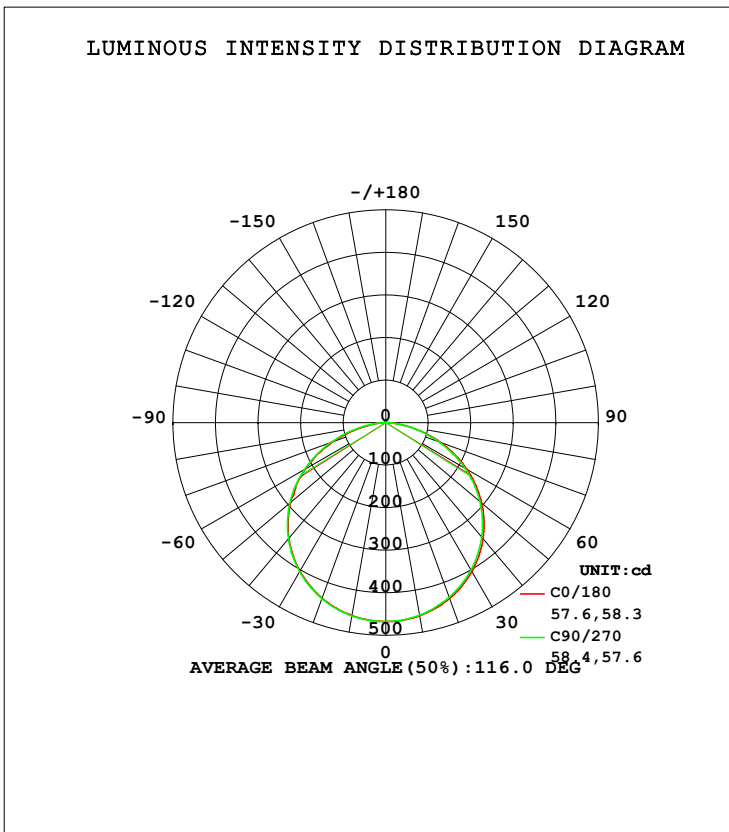


**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 146.34 lm/W			
HH-SWW64FO	MODEL: 24-2835-H-CC-3090K1-STD	Imax (cd)	467.6	S/MH (C0/180)	1.28
NOMINAL POWER (W)	9.6	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1393.2	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.5
NOMINAL FLUX (lm)	21.769	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 49.9
LAMPS INSIDE	64	<input type="checkbox"/> up (%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	<input type="checkbox"/> down (%)	99.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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:

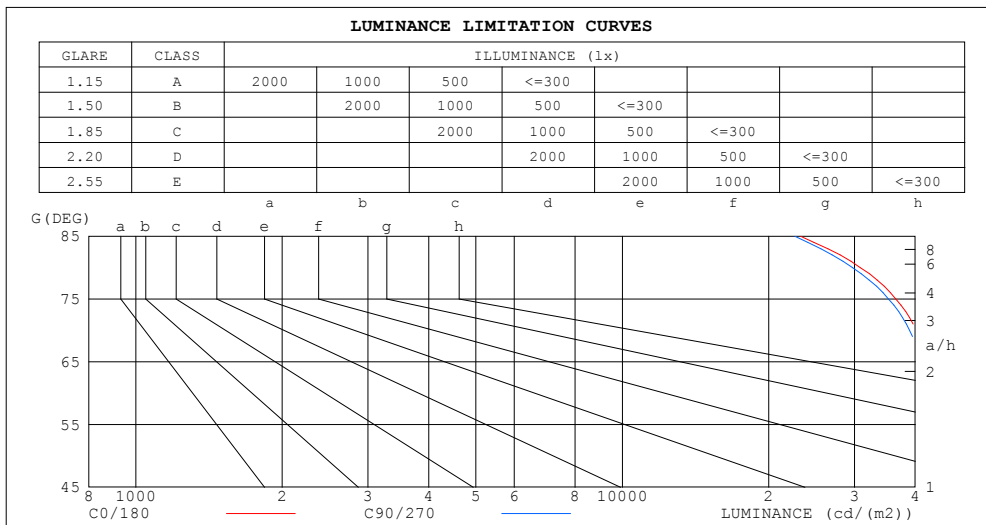
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	460.8	459.8	459.3	460.3	460.3	461.3	461.2	460.7	0- 10	44.29	44.29	3.18,3.18
20	439.6	437.6	436.6	438.5	438.8	440.5	440.1	439.5	10- 20	127.5	171.8	12.3,12.3
30	404.5	401.6	400.3	402.8	403.3	405.5	405.0	404.1	20- 30	194.9	366.7	26.3,26.3
40	355.8	352.3	350.7	353.9	354.3	356.8	356.3	355.2	30- 40	238.1	604.8	43.4,43.4
50	294.3	290.5	288.8	292.4	292.4	295.0	294.5	293.1	40- 50	250.7	855.4	61.4,61.4
60	220.6	217.1	215.4	219.2	218.7	221.2	221.1	218.9	50- 60	229.7	1085	77.9,77.9
70	137.4	134.3	133.2	136.8	134.0	137.9	138.0	135.6	60- 70	176.2	1261	90.5,90.5
80	53.58	51.59	51.59	54.02	44.53	54.16	54.51	52.28	70- 80	98.50	1360	97.6,97.6
90	0.8628	2.916	2.887	3.699	0.4491	2.971	3.082	3.028	80- 90	24.50	1384	99.4,99.4
100	0.6751	0.6978	0.6184	0.6761	0.7239	0.6188	0.6320	0.6363	90-100	0.8965	1385	99.4,99.4
110	1.006	1.012	0.9231	0.9856	1.077	0.9414	0.9501	0.9589	100-110	0.8617	1386	99.5,99.5
120	1.355	1.343	1.259	1.326	1.430	1.286	1.286	1.308	110-120	1.138	1387	99.6,99.6
130	1.691	1.666	1.581	1.657	1.770	1.608	1.599	1.613	120-130	1.326	1388	99.7,99.7
140	2.004	1.953	1.873	1.975	2.071	1.918	1.904	1.896	130-140	1.390	1390	99.8,99.8
150	2.257	2.224	2.143	2.254	2.315	2.193	2.165	2.154	140-150	1.306	1391	99.9,99.9
160	2.462	2.472	2.426	2.503	2.519	2.437	2.436	2.402	150-160	1.079	1392	99.9,99.9
170	2.641	2.681	2.692	2.703	2.698	2.637	2.710	2.611	160-170	0.7250	1393	100,100
180	2.759	2.764	2.836	2.764	2.759	2.751	2.840	2.760	170-180	0.2592	1393	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:2024-05-21

□ 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**

<b>NAME:</b> LED STRIP	<b>TYPE:</b> LED IP20	<b>WEIGHT:</b>
<b>SPEC.:</b> 64LED/M 2835 DC24V 20W/M 3000K Ra90	<b>DIM.:</b> 10*1000*1	<b>SERIAL No.:</b> 20240521004
<b>MFR.:</b> Wisva	<b>SUR.:</b>	<b>Shielding Angle:</b>



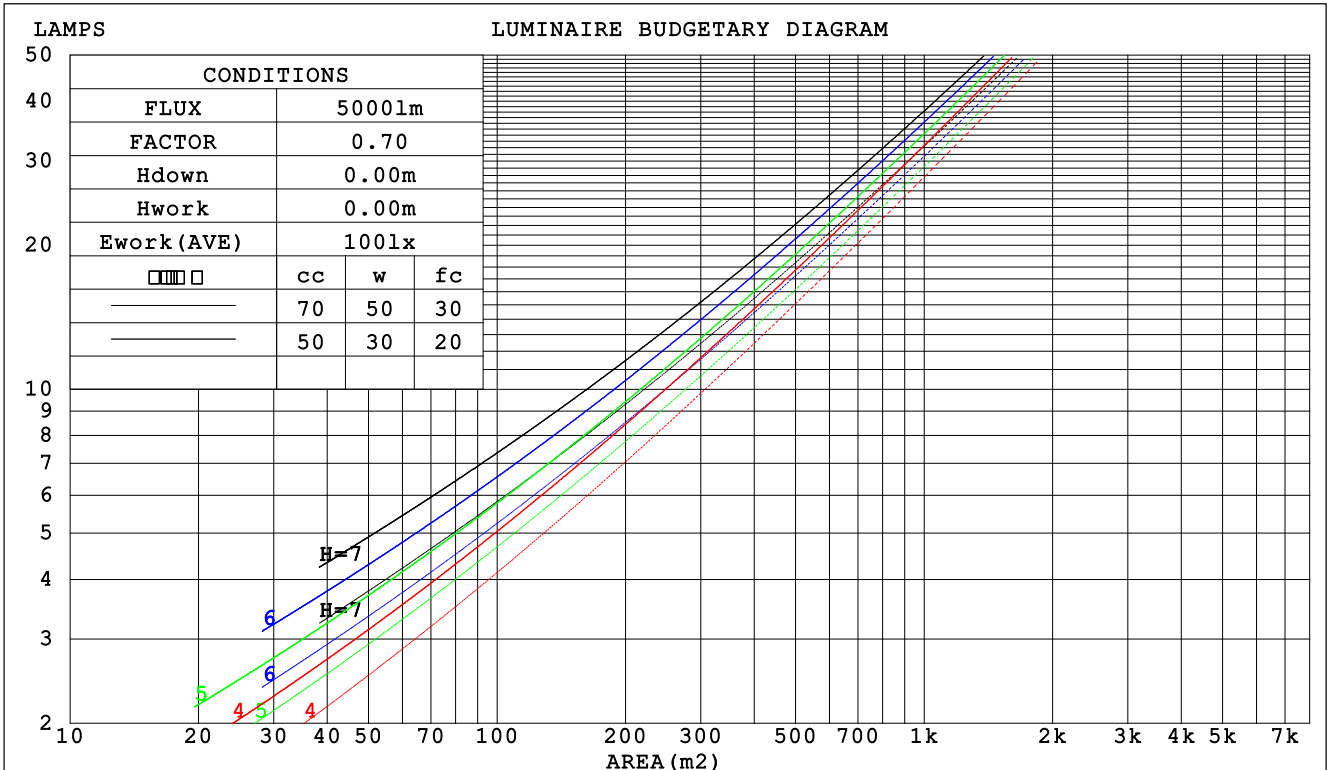
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
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	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.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	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.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	.32
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:2024-05-21

□ 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

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
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	.311	.177	.056	.303	.173	.055	.290	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.047	.264	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.187	.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	.157	.080	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.185	.161	.139	.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	.038	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.080	.038	.121	.070	.033	.084	.049	.024	.049	.029	.014	.016	.009	.005	
8.0	.134	.075	.034	.116	.065	.029	.080	.045	.021	.047	.027	.012	.015	.009	.004	
9.0	.128	.070	.030	.111	.061	.026	.077	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.123	.065	.027	.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:2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
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	26.7	26.9	24.9	26.4	25.2	26.6	26.8
3H	26.5	27.9	26.8	28.2	28.4	26.4	27.8	26.7	28.1	28.3
4H	27.1	28.5	27.4	28.7	29.0	27.0	28.3	27.3	28.6	28.9
6H	27.5	28.8	27.8	29.0	29.3	27.4	28.6	27.7	28.9	29.2
8H	27.6	28.8	28.0	29.1	29.4	27.4	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	26.9	25.9	27.2	27.5	25.5	26.8	25.8	27.1	27.4
3H	27.3	28.5	27.7	28.8	29.1	27.2	28.4	27.6	28.7	29.0
4H	28.0	29.1	28.4	29.4	29.8	27.9	29.0	28.3	29.3	29.6
6H	28.5	29.5	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	30.4	28.6	29.4	29.0	29.8	30.2
8H 4H	28.2	29.1	28.7	29.5	29.9	28.1	29.0	28.6	29.4	29.8
6H	28.9	29.6	29.3	30.0	30.5	28.7	29.5	29.2	29.9	30.3
8H	29.1	29.7	29.5	30.2	30.6	29.0	29.6	29.4	30.0	30.5
12H	29.2	29.8	29.7	30.2	30.7	29.1	29.7	29.6	30.1	30.6
12H 4H	28.2	29.0	28.7	29.4	29.9	28.1	28.9	28.6	29.3	29.8
6H	28.9	29.5	29.4	30.0	30.5	28.8	29.4	29.3	29.9	30.3
8H	29.1	29.7	29.6	30.2	30.7	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, 1393 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.2)  
 Area: 0.01 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:

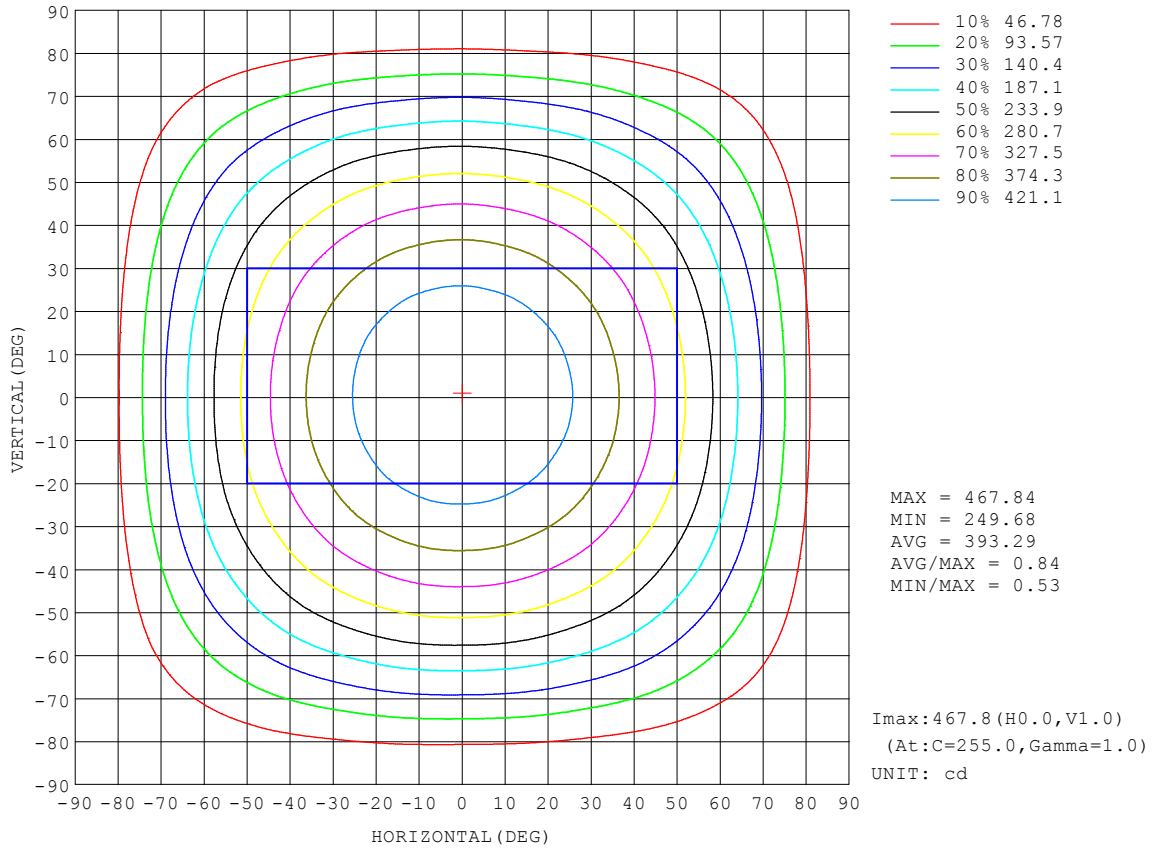
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	96	104	98	94	99	95	91	82
5.00	108	104	99	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: 2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:

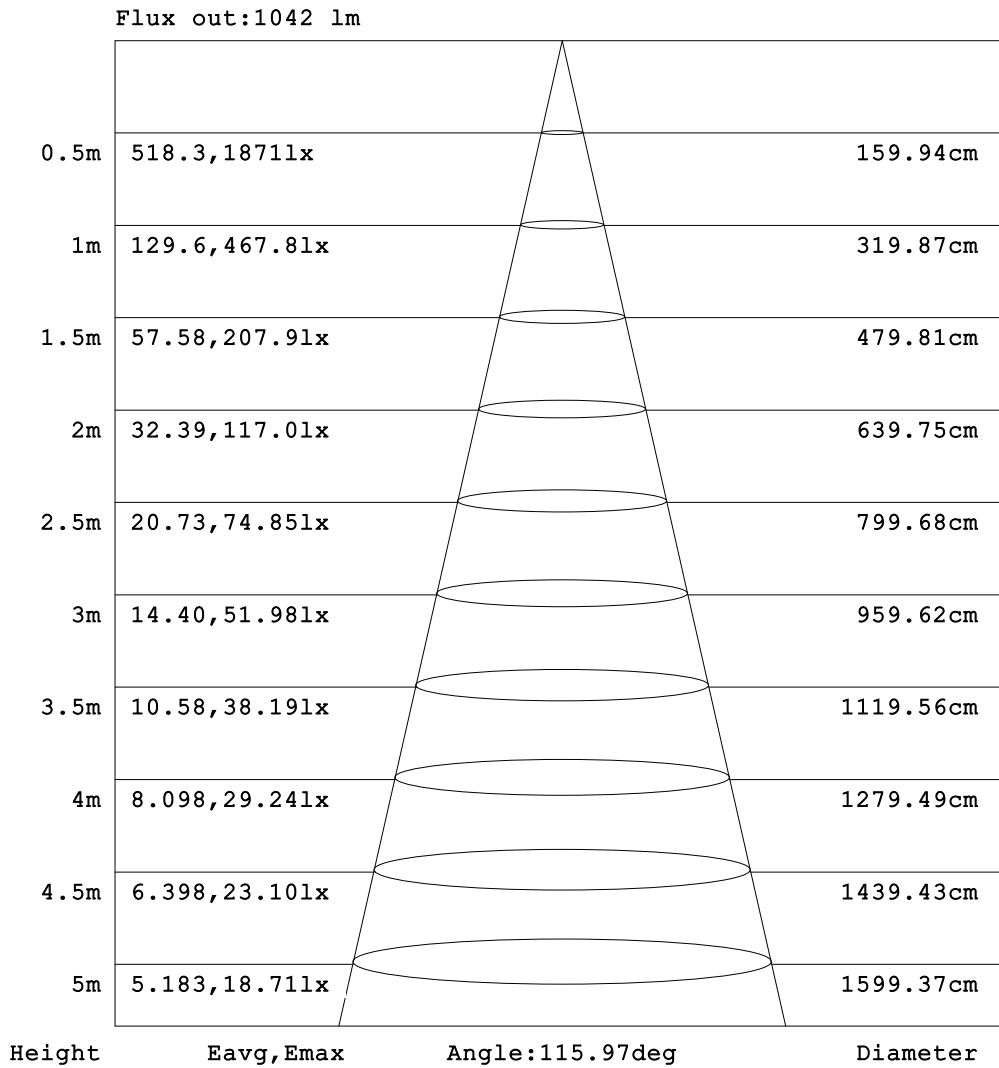


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:



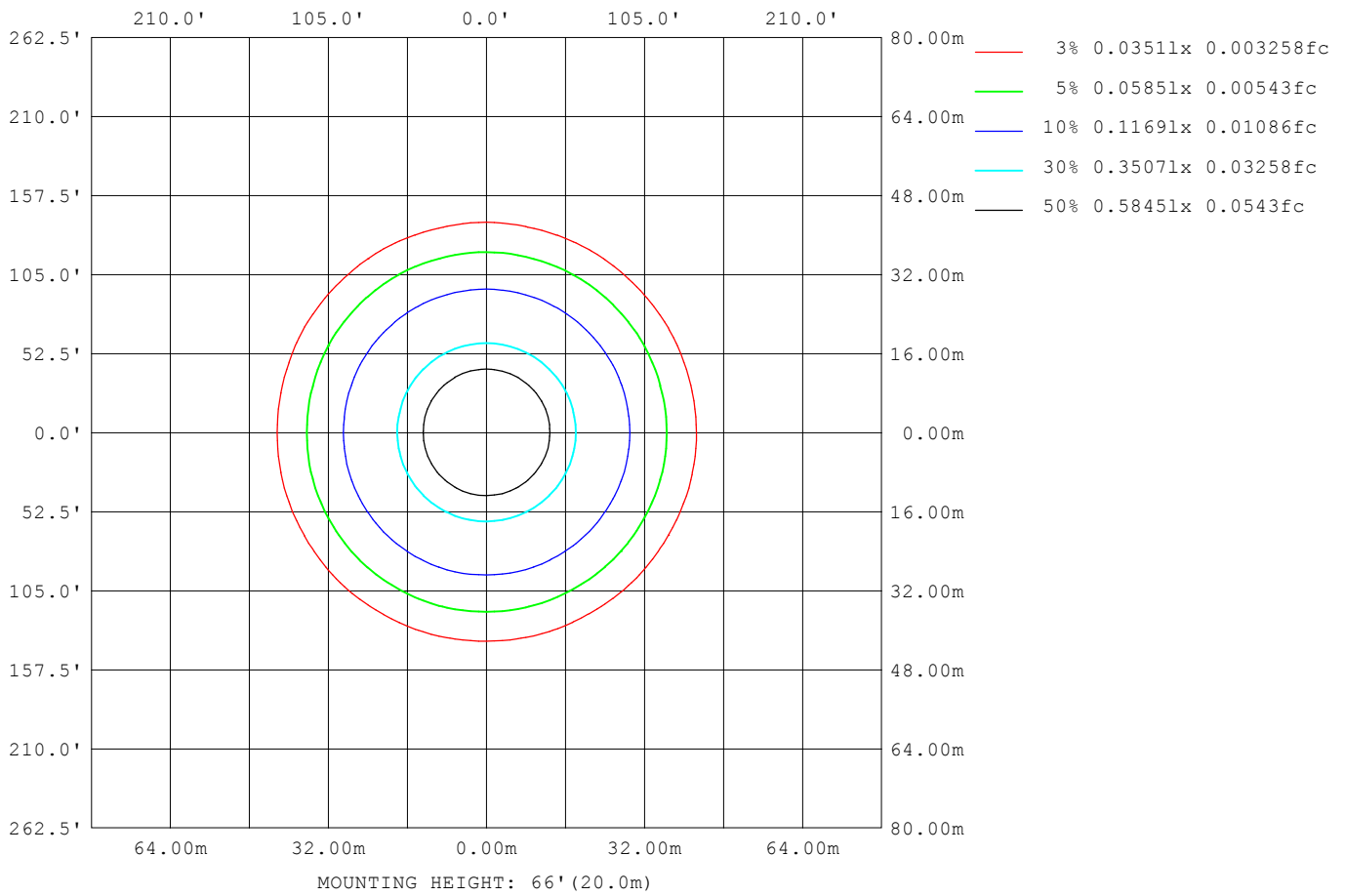
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
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 Test Date: 2024-05-21

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

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:

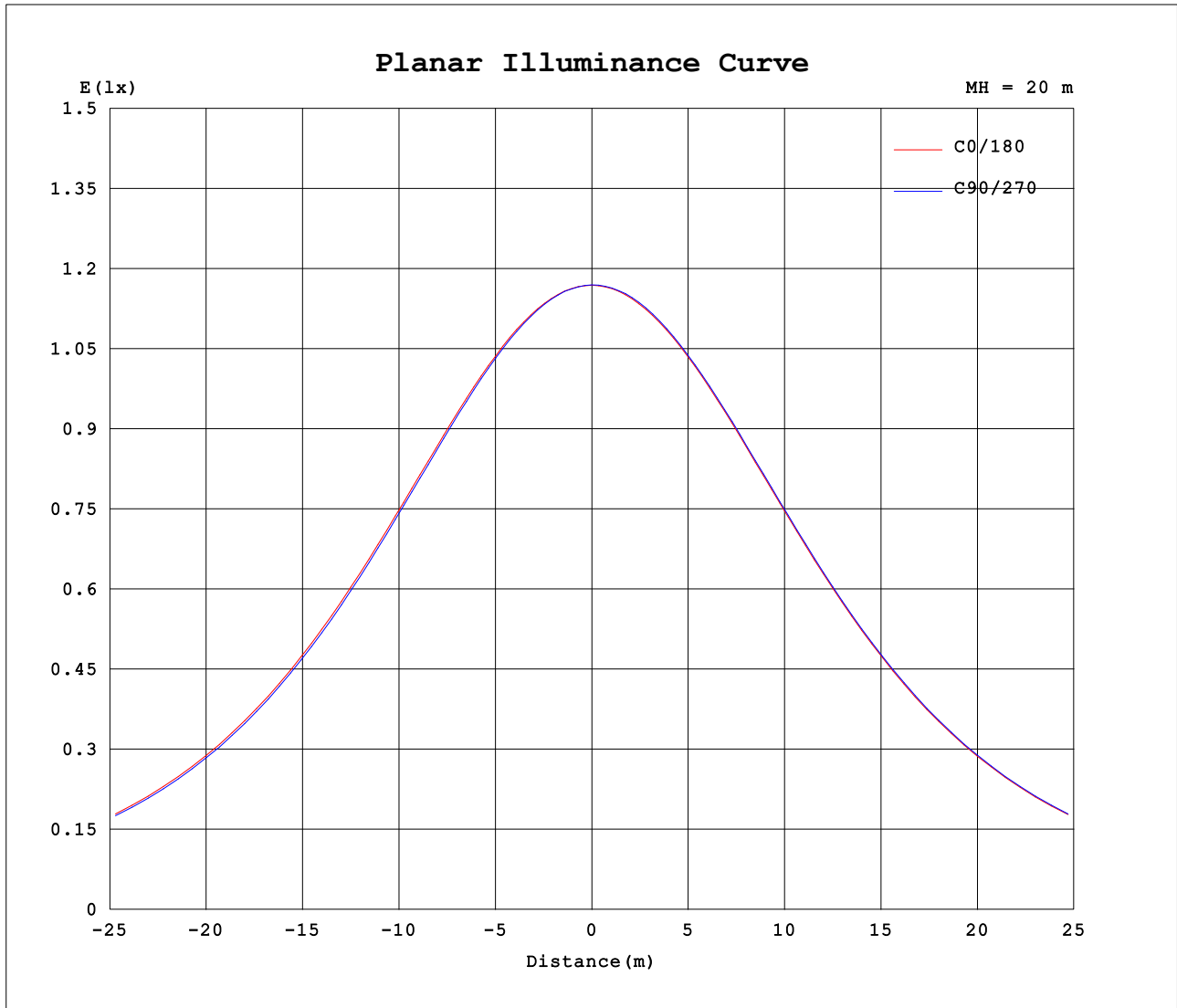
AvgL	cd/m2
L_0~180 (65) av	42326
L_0~180 (75) av	35342
L_0~180 (85) av	18449
L_90~270 (65) av	42065
L_90~270 (75) av	35982
L_90~270 (85) av	23456
L_45 (65) av	42238
L_45 (75) av	36145
L_45 (85) av	23411

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-05-21

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: 2024-05-21

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

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
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	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468	468
5	466	466	466	466	465	465	465	466	466	466	466	466	466	466	466	466	466	466	466
10	461	461	460	460	459	459	459	460	460	460	460	460	460	461	461	461	462	461	461
15	452	452	451	450	450	450	450	450	451	451	451	451	451	452	452	453	453	452	452
20	440	439	438	438	437	437	437	437	438	438	438	439	439	439	440	440	441	440	440
25	424	423	422	421	420	420	420	421	421	422	422	423	423	423	425	425	425	424	424
30	405	404	402	402	401	401	400	401	402	403	403	403	403	404	405	405	406	405	405
35	382	381	379	379	377	377	377	378	379	380	380	381	381	381	383	383	383	382	382
40	356	355	353	352	351	351	351	352	352	354	354	354	354	355	357	357	357	356	356
45	327	326	324	323	321	322	321	323	323	325	324	325	325	326	328	327	328	327	327
50	294	293	291	291	289	289	289	290	291	292	292	293	292	293	295	295	296	294	295
55	259	258	256	255	253	254	253	255	255	257	257	258	257	258	260	260	261	259	259
60	221	220	217	217	215	216	215	217	217	219	218	219	219	219	222	221	223	221	221
65	180	179	177	177	175	176	175	177	177	179	178	179	178	178	181	180	182	180	181
70	137	137	134	134	133	134	133	135	135	137	136	135	134	134	138	138	139	138	138
75	94.4	94.1	91.6	91.8	90.4	91.6	91.2	93.1	92.8	94.4	93.1	89.9	88.5	92.2	95.3	95.1	96.3	94.9	95.1
80	53.6	53.3	51.4	51.6	50.8	51.8	51.6	53.2	53.0	54.0	52.9	51.3	44.5	50.9	54.6	54.2	55.5	54.0	54.5
85	20.3	20.3	19.2	19.5	19.1	19.9	19.7	20.9	20.8	21.5	20.5	18.6	11.9	18.7	20.1	20.6	21.7	20.9	21.2
90	0.86	3.01	2.74	2.92	2.89	2.97	2.89	3.27	3.43	3.70	3.11	2.45	0.45	1.47	2.77	2.97	3.31	2.99	3.08
95	0.53	0.58	0.66	0.56	0.60	0.54	0.51	0.54	0.51	0.55	0.52	0.59	0.58	0.52	0.55	0.48	0.52	0.49	0.51
100	0.68	0.72	0.67	0.70	0.64	0.66	0.62	0.65	0.62	0.68	0.66	0.72	0.72	0.67	0.68	0.62	0.65	0.60	0.63
105	0.83	0.86	0.82	0.85	0.79	0.81	0.77	0.80	0.77	0.83	0.81	0.86	0.90	0.84	0.85	0.78	0.80	0.75	0.79
110	1.01	1.03	0.98	1.01	0.95	0.96	0.92	0.96	0.93	0.99	0.97	1.03	1.08	1.01	1.02	0.94	0.96	0.92	0.95
115	1.19	1.20	1.15	1.17	1.12	1.13	1.08	1.12	1.09	1.16	1.14	1.21	1.26	1.18	1.19	1.12	1.13	1.08	1.12
120	1.35	1.37	1.32	1.34	1.28	1.30	1.26	1.30	1.27	1.33	1.31	1.38	1.43	1.35	1.36	1.29	1.30	1.25	1.29
125	1.53	1.53	1.47	1.50	1.44	1.46	1.41	1.45	1.43	1.49	1.47	1.55	1.60	1.52	1.52	1.44	1.45	1.40	1.44
130	1.69	1.72	1.64	1.67	1.61	1.63	1.58	1.62	1.60	1.66	1.64	1.73	1.77	1.69	1.67	1.61	1.63	1.57	1.60
135	1.85	1.87	1.79	1.82	1.76	1.79	1.73	1.78	1.76	1.82	1.81	1.89	1.92	1.85	1.84	1.77	1.79	1.72	1.75
140	2.00	2.02	1.95	1.95	1.90	1.93	1.87	1.93	1.92	1.98	1.96	2.04	2.07	2.00	1.99	1.92	1.94	1.87	1.90
145	2.14	2.16	2.08	2.09	2.03	2.06	2.01	2.08	2.06	2.12	2.10	2.18	2.20	2.13	2.14	2.07	2.08	2.02	2.04
150	2.26	2.28	2.21	2.22	2.15	2.17	2.14	2.23	2.21	2.25	2.24	2.29	2.31	2.25	2.27	2.19	2.23	2.16	2.17
155	2.36	2.39	2.33	2.35	2.29	2.30	2.27	2.37	2.34	2.39	2.35	2.41	2.41	2.35	2.38	2.32	2.35	2.30	2.30
160	2.46	2.50	2.45	2.47	2.41	2.44	2.43	2.51	2.47	2.50	2.46	2.51	2.52	2.45	2.49	2.44	2.49	2.44	2.44
165	2.56	2.60	2.55	2.58	2.53	2.57	2.56	2.64	2.60	2.61	2.57	2.61	2.61	2.55	2.59	2.55	2.61	2.57	2.58
170	2.64	2.69	2.64	2.68	2.63	2.69	2.69	2.75	2.68	2.70	2.66	2.69	2.70	2.63	2.67	2.64	2.69	2.68	2.71
175	2.71	2.76	2.71	2.75	2.71	2.77	2.79	2.80	2.73	2.76	2.71	2.75	2.75	2.70	2.74	2.70	2.76	2.74	2.81
180	2.76	2.76	2.76	2.76	2.76	2.78	2.84	2.81	2.76	2.76	2.75	2.75	2.76	2.76	2.76	2.75	2.76	2.78	2.84

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-05-21

□ 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

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521004
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ □ (DEG)	285	300	315	330	345														
0	468	468	468	468	468														
5	466	466	466	466	466														
10	461	461	461	461	461														
15	452	452	452	452	452														
20	439	440	439	440	440														
25	423	424	423	424	424														
30	404	405	404	405	404														
35	381	382	381	382	382														
40	355	356	355	356	356														
45	326	326	326	327	326														
50	293	294	293	294	294														
55	258	259	257	259	258														
60	219	220	219	221	220														
65	178	179	178	180	179														
70	136	137	136	137	136														
75	93.5	94.0	92.9	94.1	93.7														
80	52.9	53.6	52.3	53.5	52.6														
85	20.3	20.7	20.0	20.6	20.1														
90	3.09	3.38	3.03	3.43	2.80														
95	0.49	0.53	0.51	0.56	0.56														
100	0.60	0.66	0.64	0.69	0.66														
105	0.75	0.82	0.80	0.85	0.82														
110	0.91	0.98	0.96	1.03	0.99														
115	1.08	1.15	1.13	1.20	1.17														
120	1.26	1.32	1.31	1.36	1.34														
125	1.42	1.47	1.45	1.51	1.50														
130	1.57	1.63	1.61	1.67	1.68														
135	1.72	1.78	1.76	1.83	1.84														
140	1.86	1.92	1.90	1.96	1.98														
145	1.99	2.04	2.02	2.11	2.11														
150	2.12	2.17	2.15	2.23	2.23														
155	2.24	2.30	2.29	2.35	2.34														
160	2.38	2.43	2.40	2.46	2.44														
165	2.51	2.55	2.52	2.57	2.54														
170	2.62	2.65	2.61	2.66	2.64														
175	2.71	2.74	2.70	2.73	2.70														
180	2.78	2.79	2.76	2.76	2.75														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-05-21

□ 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: