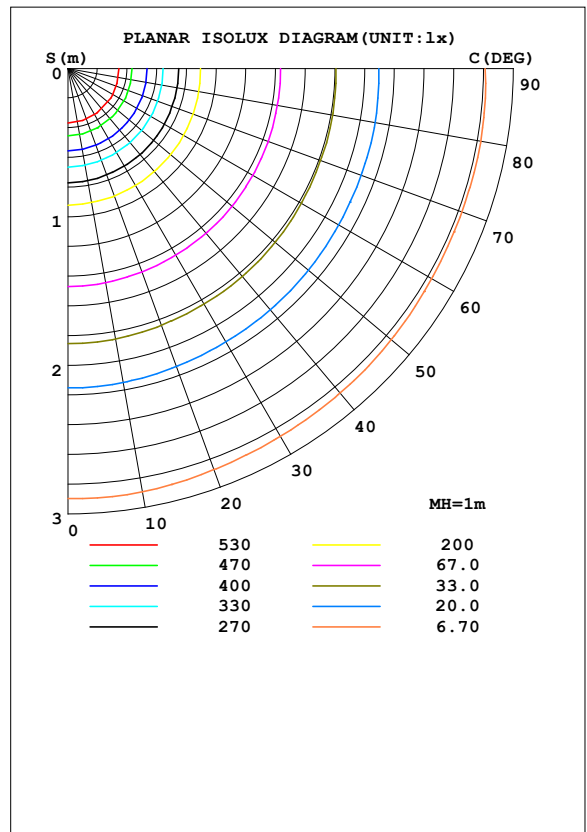
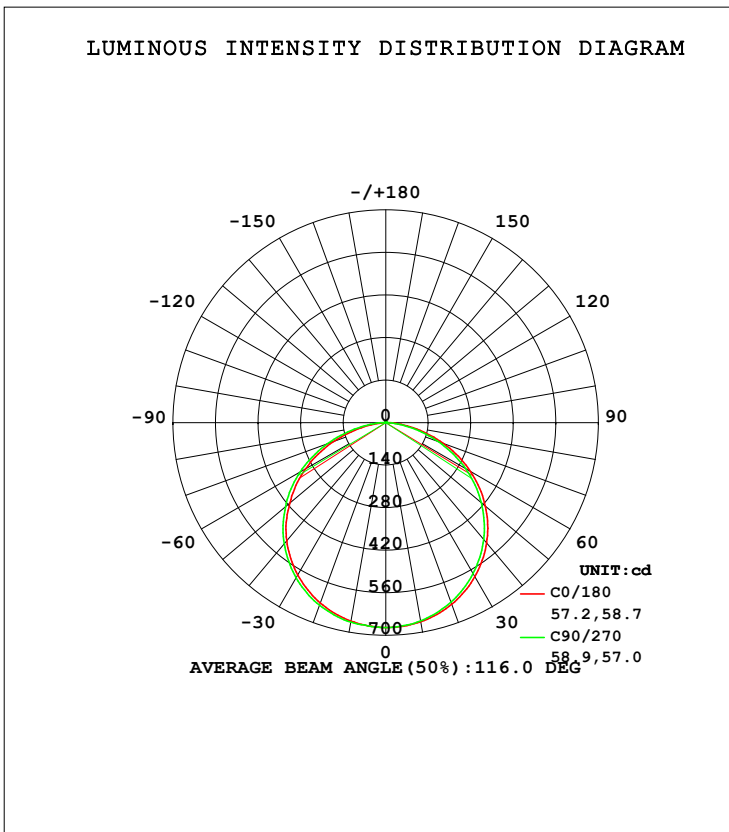


**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.73 lm/W			
HH-SWIMODE	10W24-2835-3090F1-STD	Imax (cd)	674.8	S/MH (C0/180)	1.28
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2005.3	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.0
NOMINAL FLUX (lm)	14.3233	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 50.3
LAMPS INSIDE	140	<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:

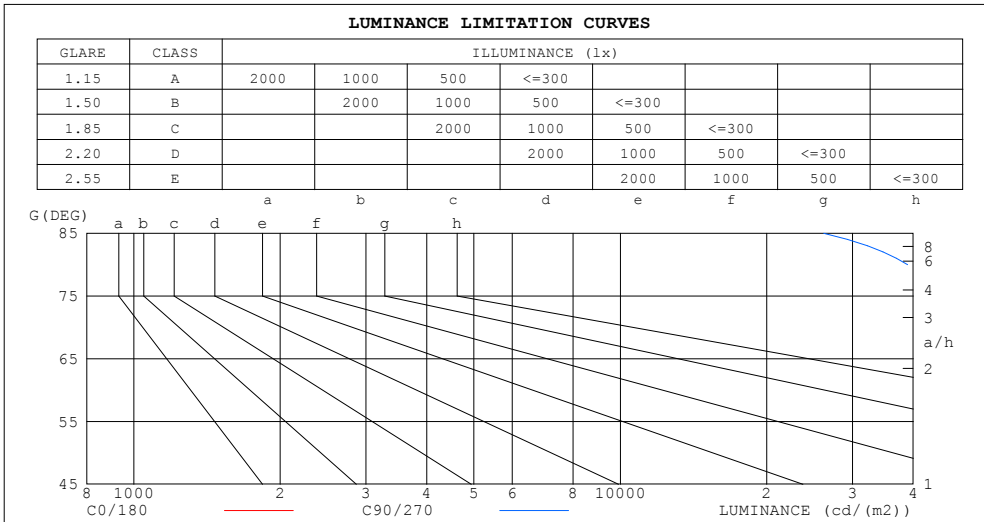
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	665.1	662.2	662.6	661.4	663.0	665.8	666.7	666.3	0- 10	63.86	63.86	3.18,3.18
20	635.5	629.8	628.2	628.3	631.3	636.4	638.9	637.2	10- 20	183.8	247.7	12.4,12.4
30	585.8	577.6	574.4	574.8	579.2	586.3	590.2	589.2	20- 30	281.2	528.9	26.4,26.4
40	516.3	506.3	501.2	502.6	507.3	515.9	520.5	520.0	30- 40	343.4	872.3	43.5,43.5
50	428.3	416.8	411.1	412.3	413.4	426.1	431.1	431.1	40- 50	361.3	1234	61.5,61.5
60	322.5	311.0	304.1	306.5	305.9	318.4	325.4	324.8	50- 60	330.5	1564	78,78
70	202.4	191.7	184.2	186.7	183.4	196.7	205.1	203.6	60- 70	252.8	1817	90.6,90.6
80	82.05	73.89	68.27	69.42	59.86	76.45	82.87	82.03	70- 80	140.5	1958	97.6,97.6
90	2.774	4.592	2.285	2.686	0.6774	4.324	4.231	4.721	80- 90	34.70	1992	99.4,99.4
100	0.9699	1.017	0.9452	1.035	1.083	0.9212	0.9109	0.9206	90-100	1.242	1993	99.4,99.4
110	1.444	1.448	1.385	1.478	1.579	1.382	1.368	1.390	100-110	1.266	1995	99.5,99.5
120	1.953	1.943	1.865	1.961	2.101	1.864	1.830	1.868	110-120	1.655	1996	99.6,99.6
130	2.453	2.422	2.339	2.461	2.593	2.347	2.296	2.332	120-130	1.934	1998	99.7,99.7
140	2.902	2.856	2.775	2.912	3.019	2.794	2.741	2.745	130-140	2.027	2000	99.8,99.8
150	3.260	3.226	3.162	3.307	3.364	3.194	3.123	3.131	140-150	1.901	2002	99.9,99.9
160	3.575	3.595	3.549	3.666	3.658	3.534	3.519	3.495	150-160	1.569	2004	99.9,99.9
170	3.834	3.877	3.923	3.929	3.903	3.816	3.910	3.802	160-170	1.052	2005	100,100
180	4.024	4.016	4.134	4.017	4.024	3.986	4.130	4.004	170-180	0.3760	2005	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> 140LED/M 2835 DC24V 20W/M 3000K Ra90	<b>DIM.:</b> 10*1000*1	<b>SERIAL No.:</b> 20240521007
<b>MFR.:</b> Wisva	<b>SUR.:</b>	<b>Shielding Angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	38320	26185
80	47756	38964
75	54831	47477
70	59817	53363
65	63097	57521
60	65181	60275
55	66524	62080
50	67345	63379
45	67853	64241

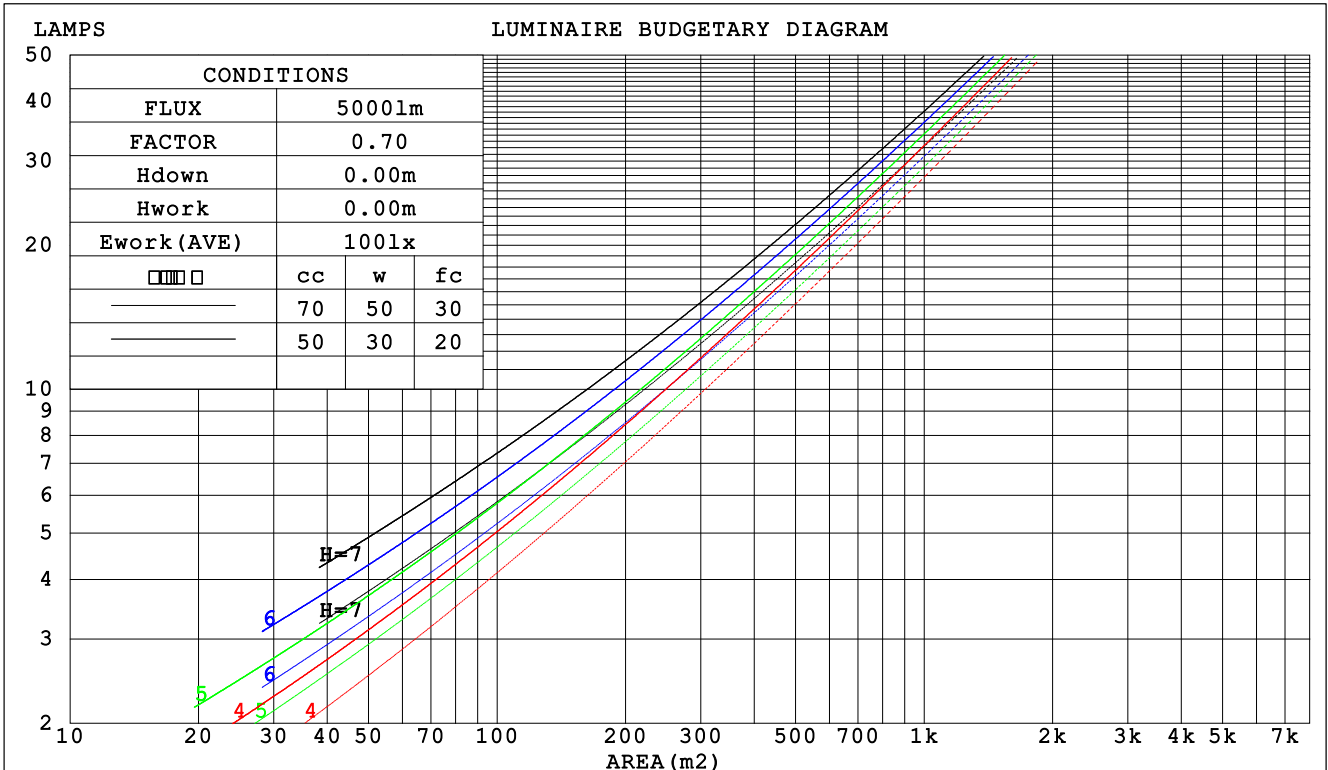
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
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	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.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	.39	.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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.265	.154	.050	
2.0	.293	.160	.049	.286	.158	.049	.274	.152	.047	.263	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.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	.219	.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	.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	.046	.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	.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:2024-05-21

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90					DIM.: 10*1000*1					SERIAL No.: 20240521007				
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	25.1	26.6	25.4	26.8	27.0	24.8	26.3	25.0	26.5	26.7				
3H	26.7	28.1	27.0	28.3	28.6	26.2	27.6	26.5	27.9	28.1				
4H	27.3	28.6	27.6	28.9	29.1	26.8	28.1	27.1	28.4	28.7				
6H	27.7	28.9	28.0	29.2	29.5	27.1	28.4	27.5	28.7	29.0				
8H	27.8	29.0	28.2	29.3	29.6	27.2	28.4	27.5	28.7	29.0				
12H	27.9	29.0	28.2	29.3	29.7	27.2	28.4	27.6	28.7	29.0				
4H 2H	25.7	27.0	26.0	27.3	27.5	25.4	26.7	25.7	27.0	27.3				
3H	27.4	28.6	27.8	28.9	29.2	27.0	28.2	27.4	28.5	28.8				
4H	28.1	29.2	28.5	29.5	29.9	27.7	28.8	28.1	29.1	29.5				
6H	28.7	29.6	29.1	30.0	30.4	28.1	29.1	28.6	29.5	29.8				
8H	28.8	29.7	29.3	30.1	30.5	28.3	29.2	28.7	29.5	29.9				
12H	28.9	29.7	29.4	30.1	30.6	28.3	29.1	28.8	29.5	30.0				
8H 4H	28.3	29.2	28.8	29.6	30.0	28.0	28.8	28.4	29.2	29.6				
6H	29.0	29.7	29.5	30.2	30.6	28.5	29.3	29.0	29.7	30.1				
8H	29.3	29.9	29.7	30.3	30.8	28.7	29.4	29.2	29.8	30.3				
12H	29.4	30.0	29.9	30.4	30.9	28.8	29.4	29.3	29.9	30.3				
12H 4H	28.3	29.1	28.8	29.5	30.0	28.0	28.8	28.4	29.2	29.6				
6H	29.0	29.7	29.5	30.1	30.6	28.6	29.2	29.1	29.7	30.1				
8H	29.3	29.9	29.8	30.3	30.8	28.8	29.4	29.3	29.8	30.3				
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2								
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4								
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3								

CIE Pub.117, 2005 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.4)  
 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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:

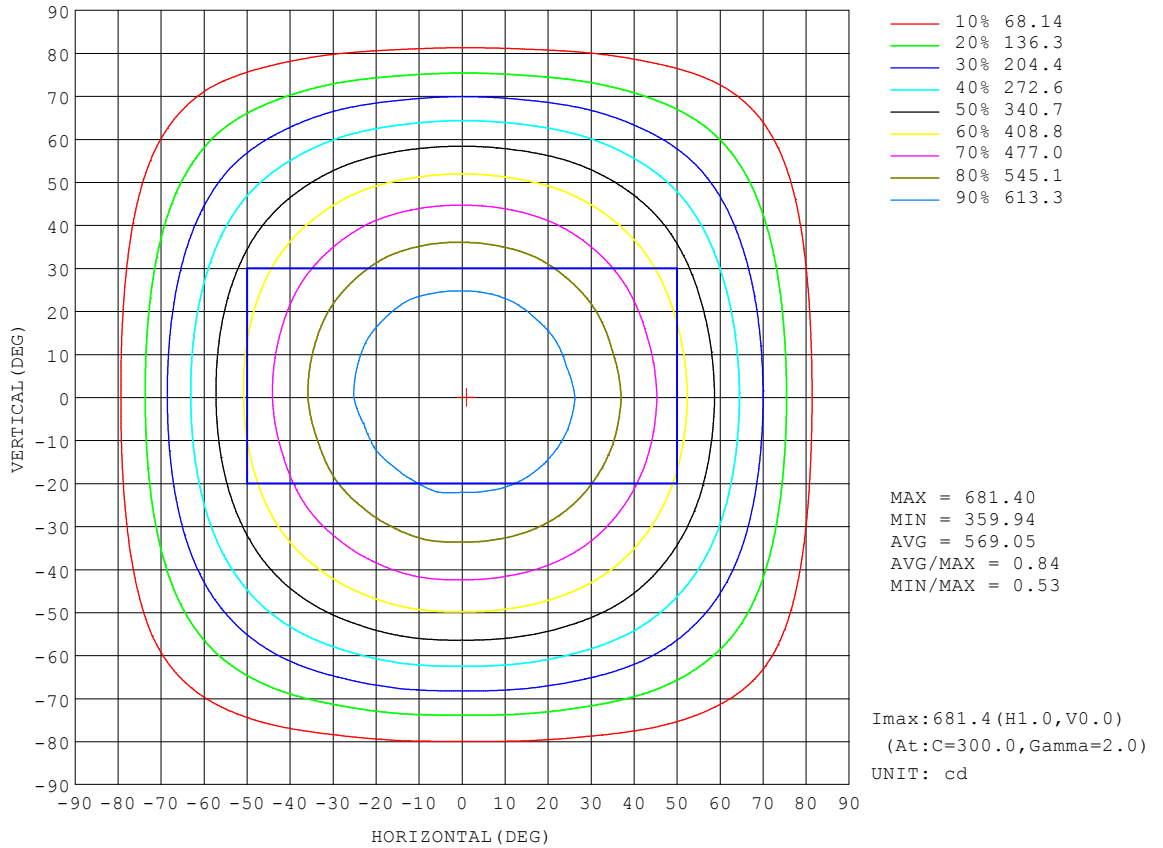
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	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	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	92	87	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	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: 2024-05-21

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:

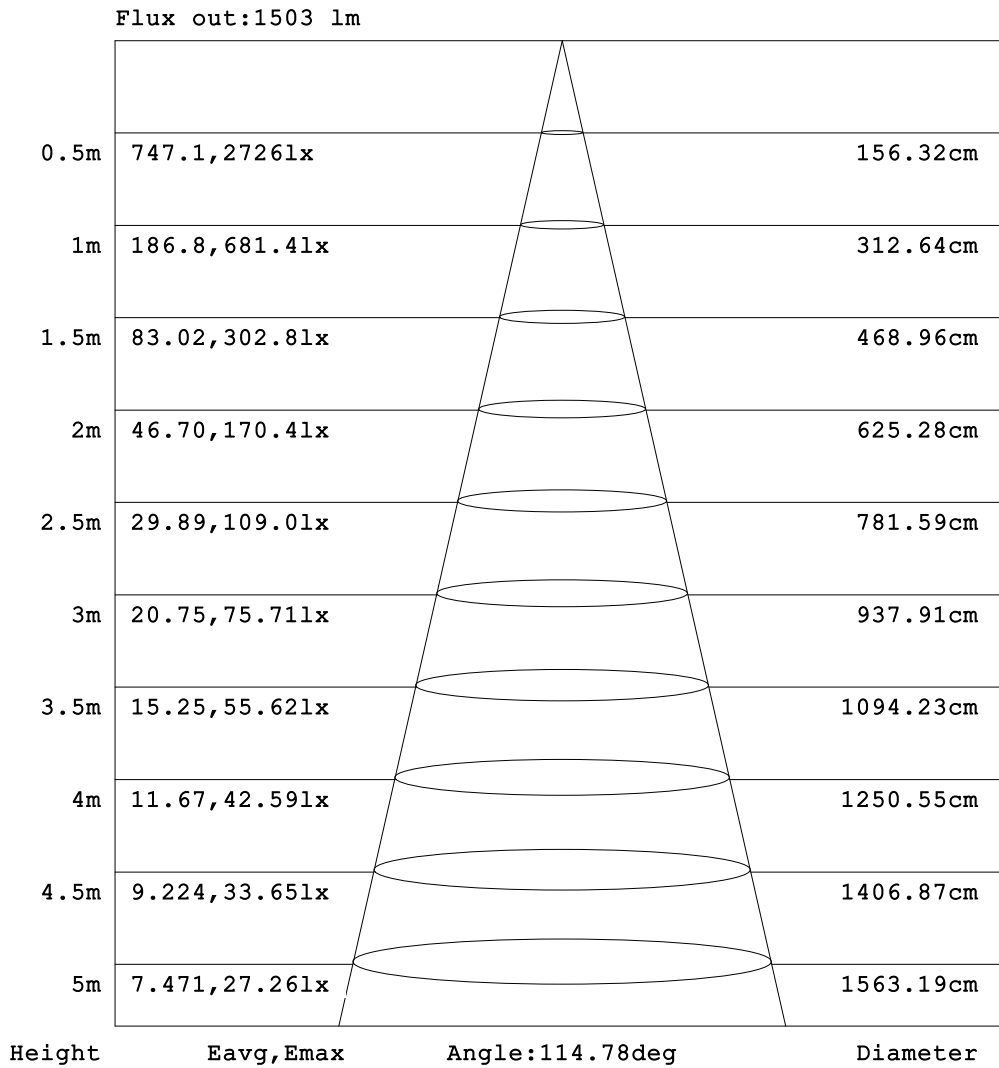


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
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Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity: 65.0%  
 Test Distance: 7.950m [K=1.0000]  
 Remarks:

**AAI Figure**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:



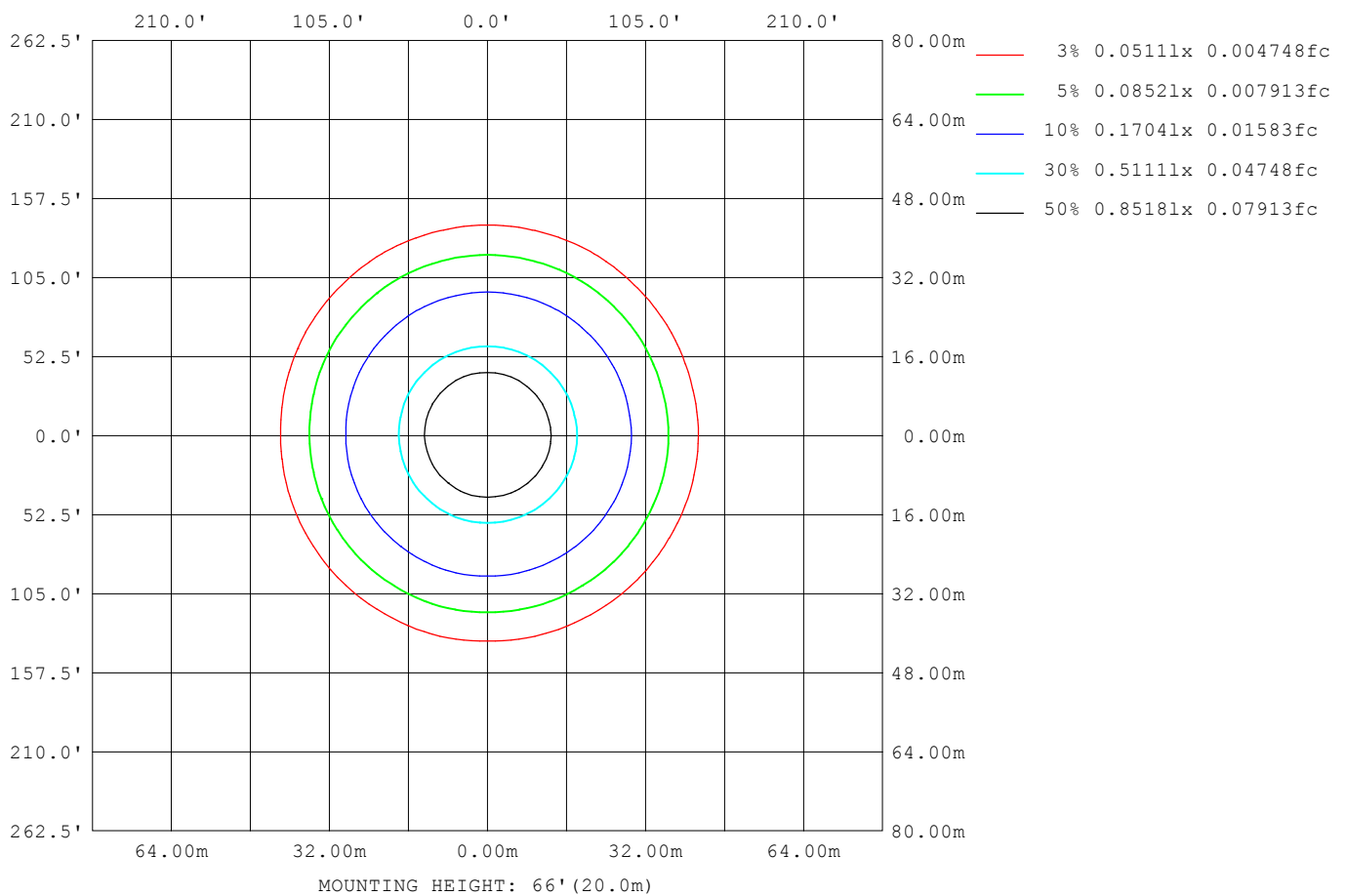
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
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:

LED Avg.L Report

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:

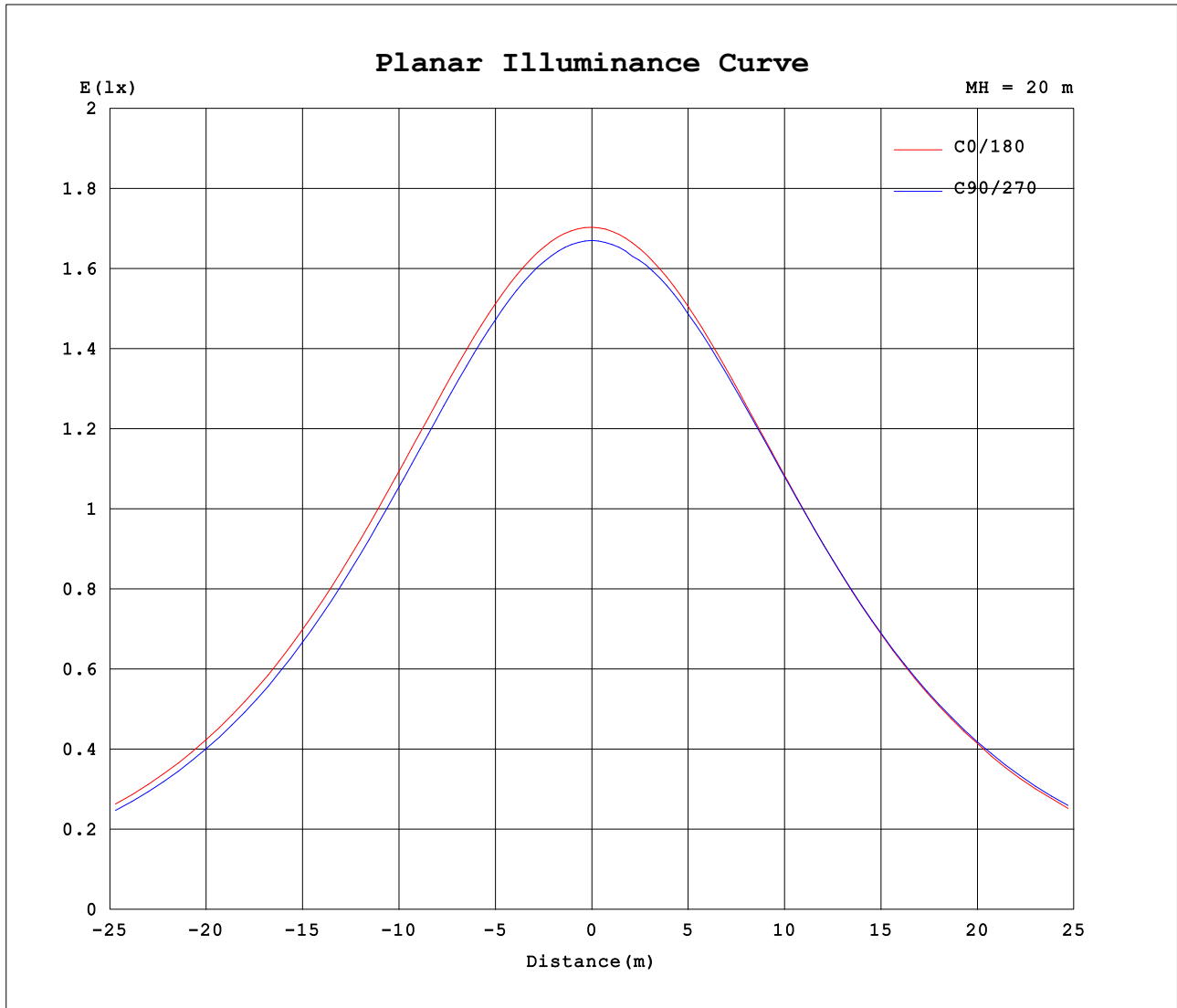
AvgL	cd/m2
L_0~180 (65) av	60331
L_0~180 (75) av	49928
L_0~180 (85) av	27164
L_90~270 (65) av	60580
L_90~270 (75) av	51468
L_90~270 (85) av	31905
L_45 (65) av	60642
L_45 (75) av	51476
L_45 (85) av	33769

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
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	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674
5	672	672	671	671	670	670	671	670	671	670	671	671	671	672	672	673	673	673	671
10	665	664	663	662	661	660	663	662	663	661	662	662	663	664	665	666	667	666	667
15	653	652	650	649	647	646	648	647	648	648	649	649	650	651	653	654	655	654	655
20	636	634	631	630	628	627	628	628	628	628	630	630	631	633	635	636	638	637	639
25	613	611	608	606	604	602	603	604	605	604	606	606	608	609	613	614	616	615	617
30	586	584	580	578	575	573	574	574	575	575	577	578	579	581	585	586	588	588	590
35	554	551	547	544	541	539	540	540	541	541	543	544	546	548	552	554	556	556	558
40	516	514	509	506	502	500	501	502	503	503	505	506	507	510	514	516	518	519	521
45	475	472	467	464	460	457	458	459	460	460	462	463	464	467	471	473	476	476	478
50	428	425	420	417	413	411	411	411	412	412	414	415	413	419	424	426	429	429	431
55	378	374	369	366	361	359	359	360	360	362	362	364	361	367	372	374	378	378	381
60	322	319	314	311	306	305	304	305	305	306	306	308	306	311	317	318	323	323	325
65	264	261	255	253	248	247	245	246	246	248	247	249	246	251	257	259	263	264	267
70	202	200	194	192	187	186	184	186	185	187	186	187	183	188	195	197	202	202	205
75	140	138	133	131	127	126	124	126	124	126	125	122	118	126	133	135	139	139	142
80	82.1	80.0	75.6	73.9	70.6	70.2	68.3	69.6	68.3	69.4	68.4	67.4	59.9	68.5	75.4	76.5	80.3	80.4	82.9
85	33.0	32.5	30.1	29.0	26.3	25.1	23.0	23.9	24.0	25.4	23.7	21.9	14.3	23.1	28.2	29.3	31.8	31.3	32.6
90	2.77	4.92	4.97	4.59	3.60	2.90	2.28	2.48	2.59	2.69	2.53	2.00	0.68	1.98	3.79	4.32	4.96	4.39	4.23
95	0.77	0.84	0.80	0.83	0.84	0.80	0.76	0.80	0.78	0.84	0.82	0.89	0.86	0.80	0.80	0.73	0.75	0.70	0.72
100	0.97	1.02	0.98	1.02	0.96	0.98	0.95	0.99	0.97	1.04	1.02	1.08	1.08	1.01	1.01	0.92	0.93	0.87	0.91
105	1.20	1.24	1.20	1.23	1.18	1.19	1.16	1.20	1.19	1.25	1.24	1.31	1.34	1.25	1.23	1.15	1.16	1.10	1.12
110	1.44	1.46	1.42	1.45	1.39	1.43	1.38	1.43	1.41	1.48	1.47	1.53	1.58	1.49	1.47	1.38	1.39	1.32	1.37
115	1.71	1.71	1.67	1.70	1.64	1.65	1.62	1.67	1.65	1.72	1.71	1.79	1.85	1.74	1.72	1.63	1.62	1.56	1.60
120	1.95	1.96	1.90	1.94	1.88	1.91	1.86	1.91	1.90	1.96	1.97	2.04	2.10	1.99	1.95	1.86	1.86	1.80	1.83
125	2.20	2.21	2.16	2.19	2.13	2.15	2.11	2.14	2.15	2.21	2.22	2.31	2.35	2.25	2.20	2.11	2.10	2.04	2.07
130	2.45	2.47	2.39	2.42	2.37	2.38	2.34	2.38	2.39	2.46	2.47	2.55	2.59	2.49	2.45	2.35	2.34	2.28	2.30
135	2.68	2.71	2.62	2.64	2.58	2.60	2.56	2.62	2.63	2.69	2.70	2.78	2.82	2.71	2.68	2.58	2.57	2.50	2.52
140	2.90	2.92	2.83	2.86	2.78	2.81	2.77	2.83	2.84	2.91	2.91	3.00	3.02	2.93	2.89	2.79	2.81	2.72	2.74
145	3.09	3.12	3.03	3.04	2.98	3.00	2.97	3.03	3.05	3.11	3.11	3.19	3.21	3.11	3.10	3.00	3.01	2.93	2.94
150	3.26	3.29	3.23	3.23	3.15	3.18	3.16	3.25	3.25	3.31	3.30	3.36	3.36	3.29	3.29	3.19	3.21	3.13	3.12
155	3.43	3.46	3.40	3.42	3.34	3.36	3.34	3.45	3.45	3.49	3.47	3.52	3.52	3.44	3.45	3.38	3.41	3.34	3.32
160	3.58	3.62	3.56	3.59	3.52	3.55	3.55	3.65	3.63	3.67	3.62	3.67	3.66	3.58	3.61	3.53	3.60	3.54	3.52
165	3.71	3.76	3.71	3.74	3.68	3.73	3.74	3.82	3.80	3.81	3.76	3.79	3.79	3.72	3.74	3.69	3.76	3.72	3.72
170	3.83	3.89	3.84	3.88	3.83	3.90	3.92	3.97	3.92	3.93	3.87	3.90	3.90	3.84	3.86	3.82	3.89	3.88	3.91
175	3.93	3.99	3.94	3.99	3.95	4.02	4.05	4.04	4.00	4.01	3.96	3.99	3.99	3.94	3.96	3.92	3.98	3.98	4.06
180	4.02	4.03	4.00	4.02	4.00	4.04	4.13	4.05	4.02	4.02	4.00	4.00	4.02	4.01	4.02	3.99	3.99	4.03	4.13

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.: 140LED/M 2835 DC24V 20W/M 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521007
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	674	674	674	674	674														
5	672	673	673	672	673														
10	665	667	666	666	666														
15	652	654	655	654	653														
20	635	639	637	637	637														
25	615	618	616	615	615														
30	586	590	589	588	587														
35	554	558	557	556	555														
40	517	521	520	519	518														
45	476	480	478	477	476														
50	430	433	431	430	429														
55	378	382	380	380	378														
60	323	327	325	325	323														
65	265	268	266	266	264														
70	203	206	204	204	203														
75	141	143	141	142	141														
80	81.5	83.6	82.0	83.6	82.1														
85	32.3	34.4	34.0	35.0	33.6														
90	4.24	4.71	4.72	5.09	4.43														
95	0.74	0.76	0.75	0.79	0.76														
100	0.87	0.93	0.92	0.97	0.95														
105	1.09	1.16	1.15	1.20	1.18														
110	1.32	1.39	1.39	1.44	1.42														
115	1.56	1.62	1.62	1.67	1.67														
120	1.80	1.86	1.87	1.91	1.92														
125	2.04	2.10	2.10	2.17	2.17														
130	2.28	2.33	2.33	2.39	2.41														
135	2.50	2.55	2.55	2.61	2.64														
140	2.69	2.75	2.74	2.82	2.86														
145	2.88	2.94	2.94	3.02	3.05														
150	3.07	3.12	3.13	3.21	3.23														
155	3.25	3.31	3.31	3.39	3.39														
160	3.45	3.50	3.49	3.54	3.54														
165	3.65	3.69	3.66	3.68	3.69														
170	3.81	3.84	3.80	3.83	3.81														
175	3.93	3.97	3.91	3.94	3.92														
180	4.03	4.04	4.00	3.98	3.99														

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: