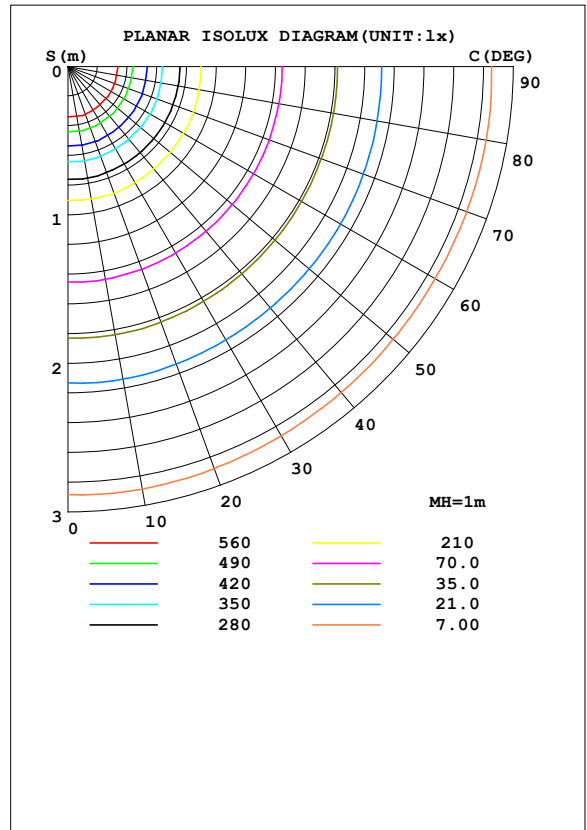
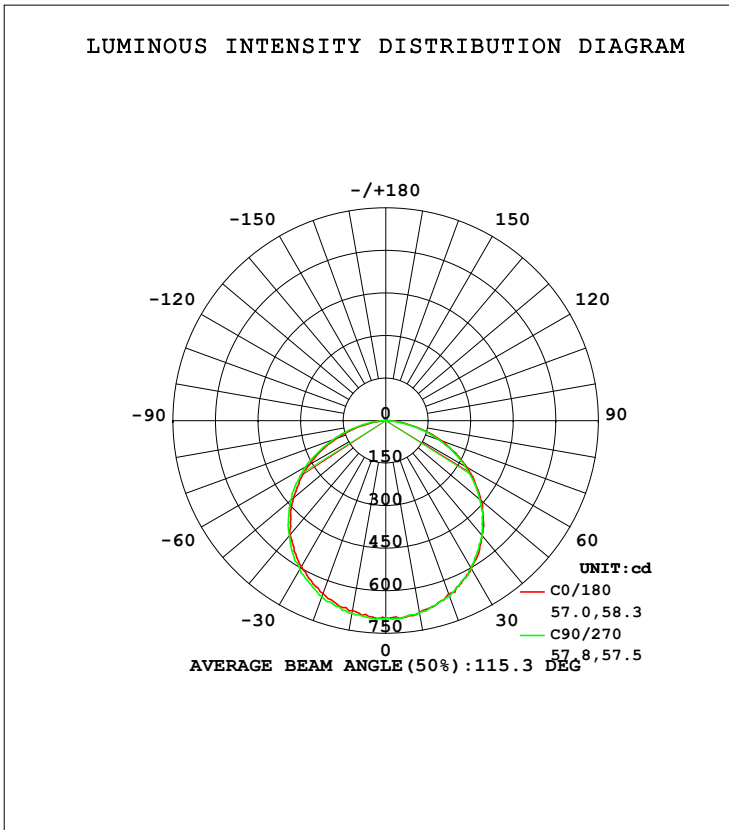


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 140LED/M 2835 DC24V 20W/M 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.16 lm/W			
HH-SWIMODE	10W24-2835-2790F1-STD	Imax (cd)	713.6	S/MH (C0/180)	1.27
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	2073.5	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.7
NOMINAL FLUX (lm)	14.8108	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 49.6
LAMPS INSIDE	140	<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: 2024-05-20

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:

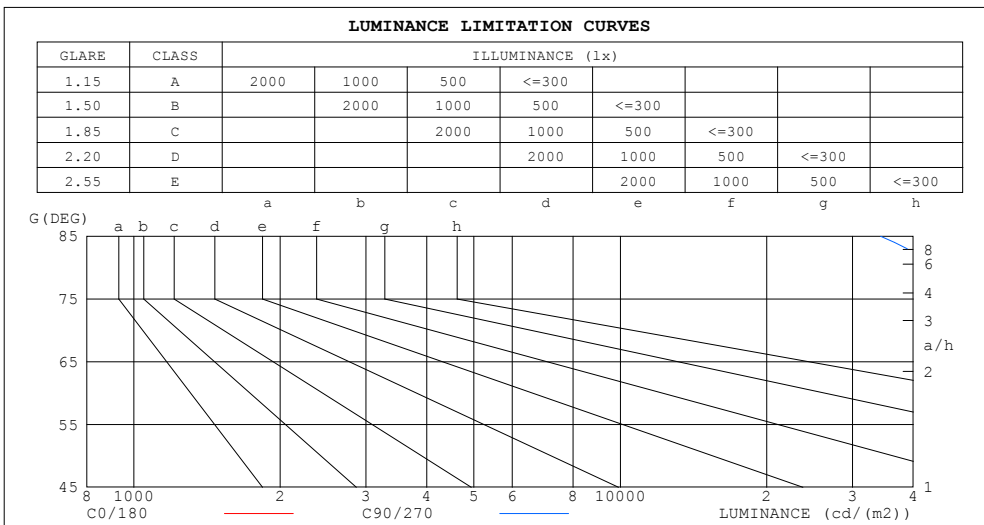
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	686.5	690.7	687.5	684.7	679.3	685.1	689.1	688.4	0- 10	66.14	66.14	3.19,3.19
20	649.5	653.8	659.1	654.6	648.5	661.5	659.8	655.9	10- 20	190.3	256.4	12.4,12.4
30	603.8	601.1	602.8	597.3	594.7	599.5	605.2	598.9	20- 30	290.9	547.3	26.4,26.4
40	528.3	526.0	528.8	524.6	524.9	528.9	529.1	524.1	30- 40	355.0	902.4	43.5,43.5
50	437.9	438.6	432.5	432.8	424.2	434.3	437.8	435.3	40- 50	372.9	1275	61.5,61.5
60	333.0	326.2	322.5	324.1	311.9	323.9	327.2	324.7	50- 60	341.1	1616	78,78
70	211.5	204.0	202.0	200.6	184.7	198.1	198.8	202.9	60- 70	261.3	1878	90.6,90.6
80	84.58	81.57	78.64	77.17	59.99	75.66	75.98	78.50	70- 80	145.7	2023	97.6,97.6
90	1.056	5.703	4.664	5.634	0.7193	4.049	3.260	4.872	80- 90	36.37	2060	99.3,99.3
100	1.015	1.082	0.9804	1.065	1.129	1.007	0.9638	1.004	90-100	1.349	2061	99.4,99.4
110	1.494	1.522	1.421	1.502	1.665	1.486	1.439	1.488	100-110	1.336	2062	99.5,99.5
120	2.030	2.023	1.931	2.013	2.188	1.996	1.923	1.991	110-120	1.741	2064	99.6,99.6
130	2.579	2.525	2.445	2.545	2.698	2.515	2.446	2.467	120-130	2.031	2066	99.6,99.6
140	3.002	2.965	2.885	3.021	3.160	2.964	2.895	2.925	130-140	2.128	2068	99.8,99.8
150	3.381	3.366	3.282	3.433	3.530	3.383	3.274	3.285	140-150	1.994	2070	99.8,99.8
160	3.682	3.737	3.701	3.805	3.800	3.749	3.680	3.670	150-160	1.645	2072	99.9,99.9
170	3.956	4.046	4.098	4.095	4.053	4.041	4.081	3.982	160-170	1.102	2073	100,100
180	4.170	4.203	4.320	4.233	4.209	4.207	4.329	4.181	170-180	0.3938	2074	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:2024-05-20

□ 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

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 140LED/M 2835 DC24V 20W/M 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	39401	34290
80	48726	45280
75	56400	53376
70	61861	59053
65	64371	62550
60	66620	64498
55	67120	66115
50	68155	67274
45	68641	68087

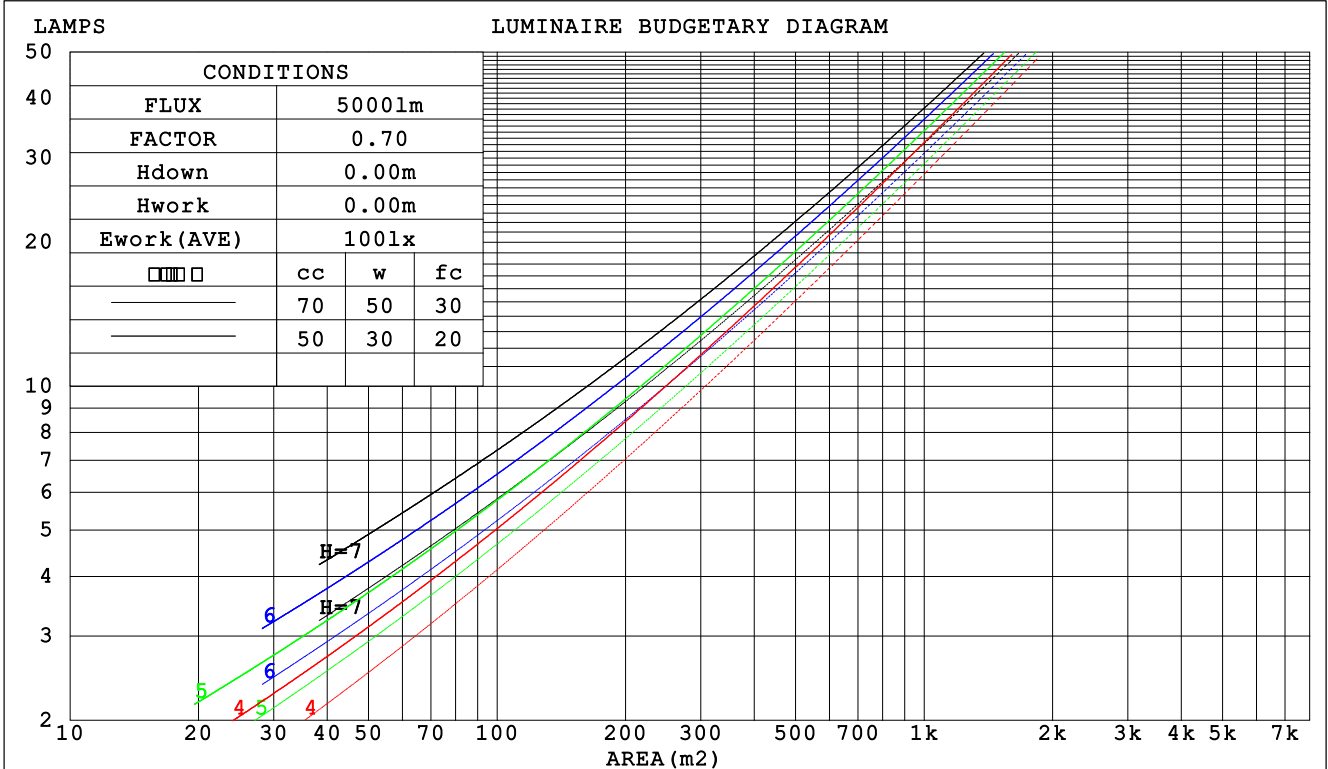
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 001
Test Date: 2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
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	.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	.36	.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	.29	.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:2024-05-20

□ 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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
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	.153	.047	.263	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.266	.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	.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	.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	.139	.159	.138	.120	.109	.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	.081	.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	.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:2024-05-20

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 2700K Ra90					DIM.: 10*1000*1					SERIAL No.: 20240517004				
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	25.0	26.5	25.2	26.7	26.9				
3H	26.7	28.1	27.0	28.3	28.6	26.5	27.9	26.8	28.1	28.4				
4H	27.3	28.6	27.6	28.9	29.2	27.1	28.4	27.4	28.7	29.0				
6H	27.7	29.0	28.0	29.2	29.5	27.5	28.7	27.8	29.0	29.3				
8H	27.8	29.0	28.2	29.3	29.6	27.6	28.8	27.9	29.1	29.4				
12H	27.9	29.0	28.2	29.4	29.7	27.6	28.8	28.0	29.1	29.4				
4H 2H	25.7	27.0	26.0	27.3	27.6	25.6	26.9	25.9	27.2	27.5				
3H	27.4	28.6	27.8	28.9	29.2	27.3	28.5	27.7	28.8	29.1				
4H	28.2	29.3	28.6	29.6	29.9	28.0	29.1	28.4	29.4	29.8				
6H	28.7	29.7	29.1	30.0	30.4	28.5	29.5	28.9	29.8	30.2				
8H	28.9	29.8	29.3	30.2	30.6	28.7	29.5	29.1	29.9	30.3				
12H	29.0	29.8	29.4	30.2	30.6	28.7	29.5	29.2	29.9	30.4				
8H 4H	28.4	29.3	28.9	29.7	30.1	28.3	29.2	28.7	29.5	29.9				
6H	29.1	29.8	29.6	30.3	30.7	28.9	29.6	29.4	30.1	30.5				
8H	29.4	30.0	29.8	30.4	30.9	29.1	29.8	29.6	30.2	30.7				
12H	29.5	30.1	30.0	30.5	31.0	29.3	29.8	29.8	30.3	30.8				
12H 4H	28.4	29.2	28.9	29.6	30.1	28.3	29.1	28.7	29.5	29.9				
6H	29.2	29.8	29.6	30.2	30.7	29.0	29.6	29.4	30.0	30.5				
8H	29.4	30.0	29.9	30.5	30.9	29.2	29.8	29.7	30.2	30.7				
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2								
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3								
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3								

CIE Pub.117, 2074 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.5)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:

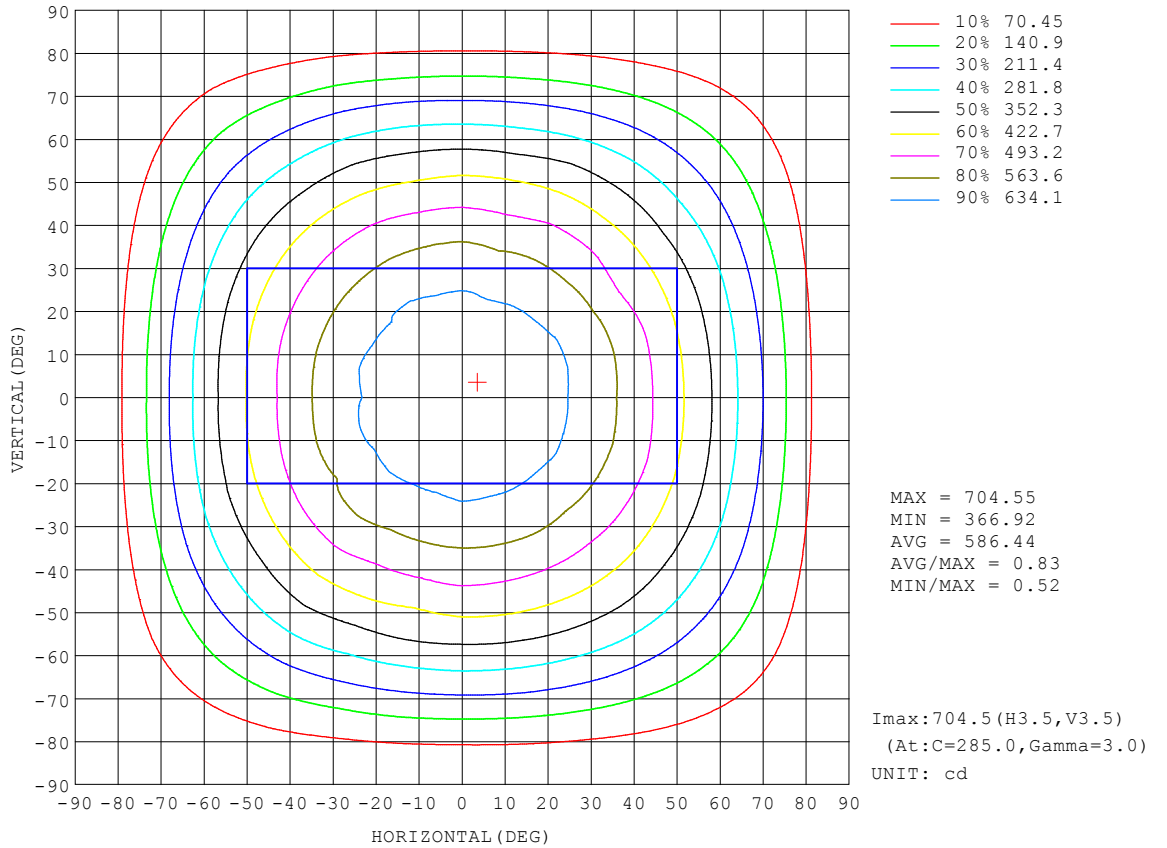
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	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	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: 2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:

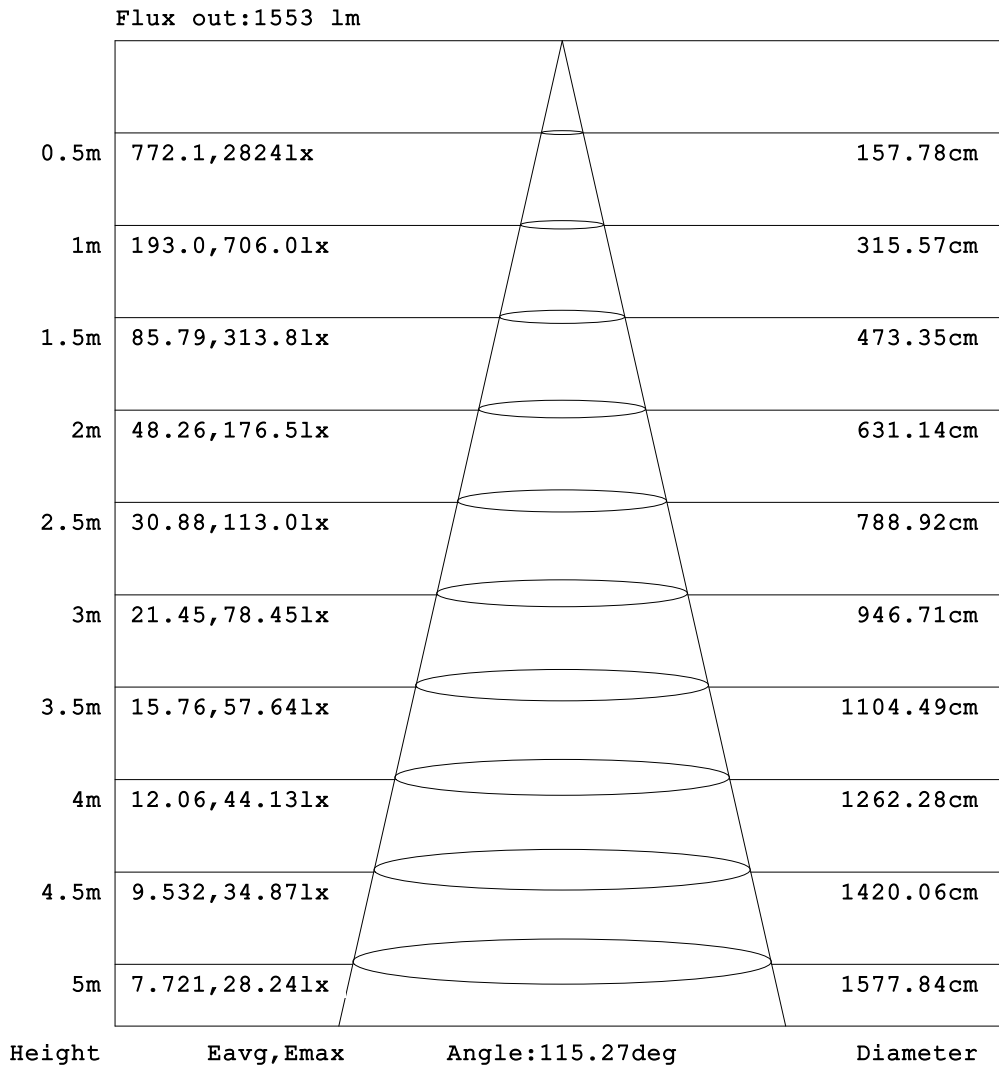


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:



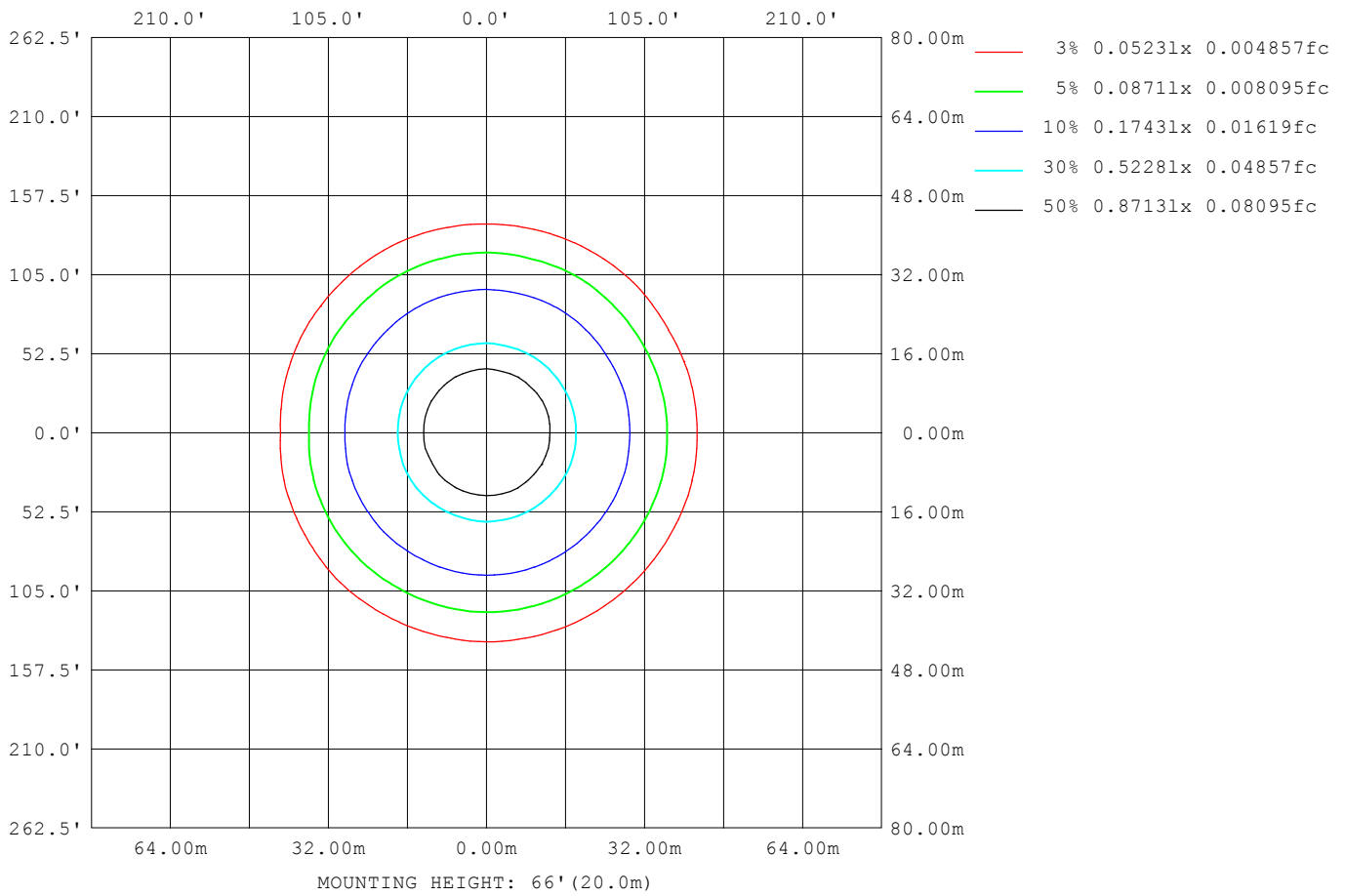
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:

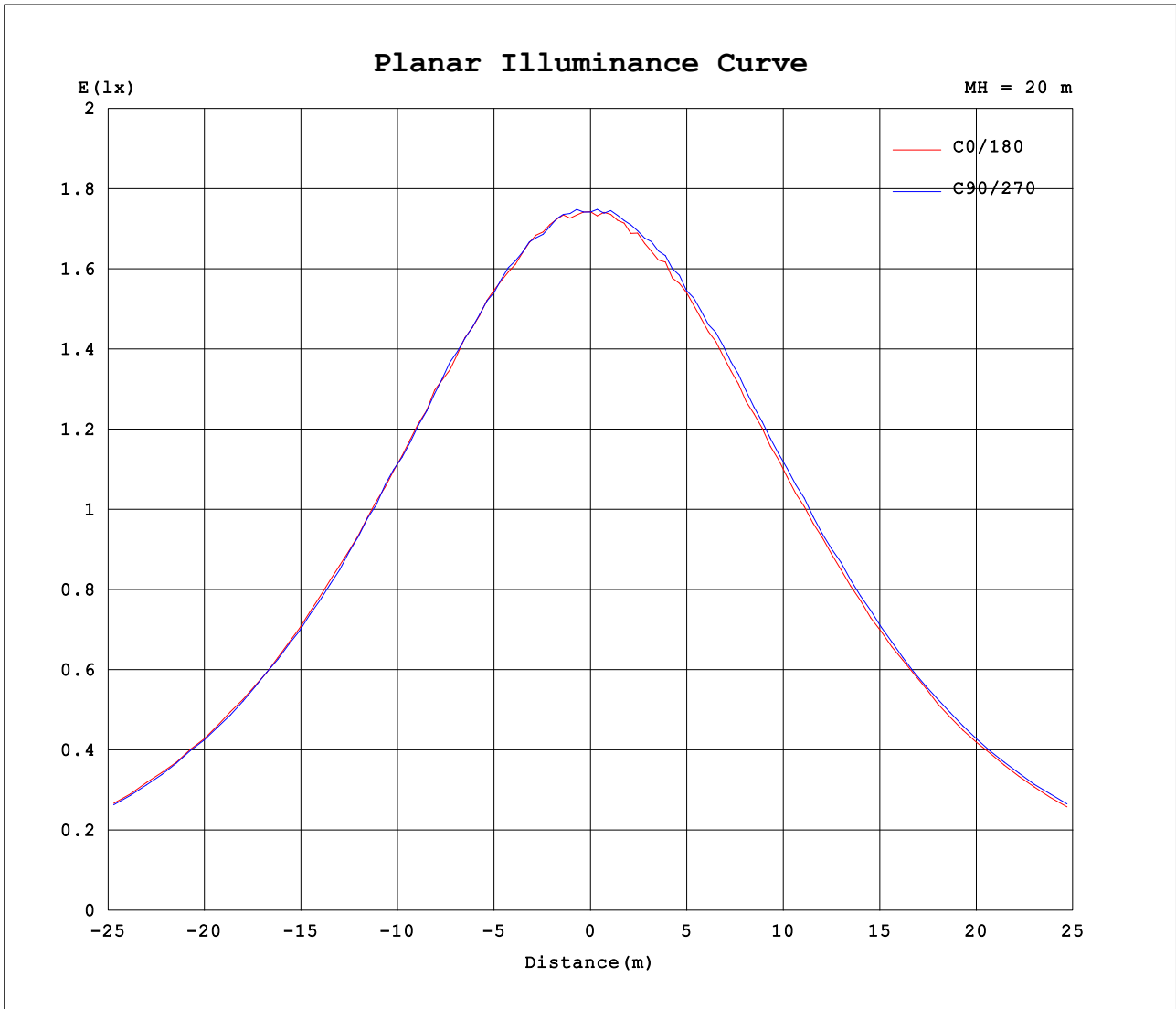
AvgL	cd/m2
L_0~180 (65) av	61821
L_0~180 (75) av	51403
L_0~180 (85) av	28381
L_90~270 (65) av	62260
L_90~270 (75) av	53174
L_90~270 (85) av	33386
L_45 (65) av	62800
L_45 (75) av	53426
L_45 (85) av	34857

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-05-20

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:2024-05-20

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
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	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697	697
5	697	702	698	695	694	698	698	693	693	690	692	692	693	696	696	698	696	695	696
10	686	689	694	691	683	687	687	690	685	685	675	689	679	694	684	685	694	687	689
15	675	681	679	680	674	670	675	683	670	667	659	667	670	678	670	672	681	672	678
20	650	662	656	654	651	650	659	668	648	655	641	651	648	658	655	661	659	657	660
25	631	633	635	629	628	628	628	636	622	626	623	628	622	634	630	634	632	629	633
30	604	609	599	601	600	599	603	607	592	597	577	596	595	601	601	599	604	605	605
35	571	575	567	564	566	564	564	572	561	567	559	563	563	566	565	568	567	569	571
40	528	536	532	526	529	525	529	529	517	525	526	524	525	528	527	529	529	526	529
45	485	494	487	486	480	480	482	488	475	482	477	479	475	483	486	483	484	485	485
50	438	446	441	439	436	432	433	429	430	433	434	433	424	433	437	434	435	437	438
55	385	389	386	384	380	381	379	385	377	382	377	379	372	380	383	379	383	383	384
60	333	336	329	326	324	324	323	327	321	324	321	322	312	321	324	324	327	326	327
65	272	275	269	267	267	265	264	267	262	264	259	260	251	259	263	262	265	263	262
70	212	212	206	204	202	204	202	204	197	201	198	196	185	191	199	198	201	201	199
75	146	147	143	141	140	139	138	141	136	137	134	128	120	128	135	135	138	137	137
80	84.6	85.9	83.1	81.6	79.8	80.1	78.6	79.5	76.7	77.2	74.6	71.7	60.0	68.2	75.5	75.7	77.8	76.7	76.0
85	34.3	35.3	33.6	32.9	31.1	31.0	29.9	30.9	29.3	29.9	26.7	25.5	15.1	23.6	27.9	28.0	28.7	28.1	28.3
90	1.06	5.60	5.87	5.70	4.99	4.91	4.66	5.21	5.25	5.63	5.13	3.70	0.72	2.94	4.13	4.05	3.99	3.36	3.26
95	0.80	0.91	0.86	0.88	0.82	0.83	0.79	0.84	0.82	0.86	0.85	0.93	0.90	0.87	0.87	0.81	0.82	0.76	0.78
100	1.01	1.10	1.05	1.08	1.00	1.02	0.98	1.03	0.99	1.07	1.05	1.12	1.13	1.08	1.08	1.01	1.02	0.95	0.96
105	1.26	1.31	1.28	1.30	1.22	1.23	1.20	1.25	1.20	1.28	1.28	1.35	1.40	1.34	1.32	1.26	1.25	1.18	1.19
110	1.49	1.55	1.50	1.52	1.45	1.46	1.42	1.48	1.45	1.50	1.52	1.60	1.66	1.59	1.57	1.49	1.48	1.43	1.44
115	1.78	1.81	1.74	1.77	1.70	1.72	1.66	1.74	1.69	1.77	1.78	1.87	1.93	1.85	1.83	1.74	1.73	1.67	1.68
120	2.03	2.06	2.00	2.02	1.96	1.96	1.93	1.99	1.95	2.01	2.04	2.14	2.19	2.11	2.08	2.00	1.99	1.92	1.92
125	2.29	2.34	2.26	2.28	2.21	2.23	2.18	2.26	2.22	2.29	2.30	2.40	2.45	2.39	2.33	2.27	2.23	2.18	2.18
130	2.58	2.60	2.51	2.52	2.45	2.47	2.45	2.51	2.46	2.55	2.56	2.64	2.70	2.64	2.58	2.52	2.48	2.42	2.45
135	2.78	2.85	2.73	2.76	2.68	2.71	2.67	2.76	2.70	2.77	2.79	2.89	2.92	2.88	2.82	2.76	2.72	2.67	2.66
140	3.00	3.07	2.97	2.96	2.91	2.93	2.89	2.99	2.94	3.02	3.01	3.12	3.16	3.10	3.04	2.96	2.97	2.87	2.90
145	3.21	3.27	3.17	3.16	3.11	3.12	3.09	3.20	3.18	3.23	3.24	3.32	3.36	3.29	3.25	3.19	3.17	3.10	3.08
150	3.38	3.47	3.38	3.37	3.29	3.32	3.28	3.40	3.36	3.43	3.42	3.52	3.53	3.48	3.45	3.38	3.39	3.33	3.27
155	3.53	3.64	3.56	3.55	3.47	3.51	3.48	3.66	3.59	3.62	3.60	3.66	3.67	3.64	3.62	3.58	3.57	3.54	3.47
160	3.68	3.81	3.73	3.74	3.66	3.69	3.70	3.75	3.79	3.80	3.71	3.81	3.80	3.80	3.76	3.75	3.77	3.73	3.68
165	3.83	3.95	3.87	3.90	3.88	3.87	3.94	3.99	3.96	3.97	3.84	3.97	3.95	3.92	3.93	3.92	3.94	3.93	3.88
170	3.96	4.09	4.02	4.05	4.03	4.05	4.10	4.14	4.13	4.09	3.97	4.08	4.05	4.05	4.05	4.04	4.07	4.10	4.08
175	4.05	4.19	4.15	4.17	4.16	4.19	4.26	4.30	4.19	4.18	4.08	4.15	4.15	4.16	4.14	4.15	4.14	4.18	4.22
180	4.17	4.21	4.20	4.20	4.21	4.24	4.32	4.25	4.14	4.23	4.18	4.21	4.21	4.24	4.20	4.21	4.23	4.23	4.33

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-05-20

□ 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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240517004
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	697	697	697	697	697														
5	703	690	700	694	699														
10	692	692	688	687	690														
15	685	670	671	674	679														
20	658	650	656	658	653														
25	643	629	625	632	634														
30	611	609	599	601	613														
35	574	574	561	570	570														
40	536	534	524	527	534														
45	489	490	481	481	488														
50	443	442	435	436	440														
55	389	386	383	379	388														
60	330	330	325	323	332														
65	268	266	268	263	270														
70	205	203	203	203	206														
75	140	140	139	140	141														
80	78.8	79.5	78.5	82.9	82.5														
85	29.3	30.4	30.8	32.7	33.5														
90	3.63	4.42	4.87	5.71	4.47														
95	0.80	0.82	0.81	0.85	0.82														
100	0.99	1.02	1.00	1.04	1.02														
105	1.23	1.25	1.24	1.27	1.25														
110	1.46	1.48	1.49	1.52	1.50														
115	1.73	1.73	1.74	1.77	1.75														
120	1.98	1.99	1.99	2.00	2.01														
125	2.25	2.25	2.24	2.24	2.26														
130	2.49	2.49	2.47	2.52	2.49														
135	2.72	2.71	2.69	2.72	2.74														
140	2.94	2.92	2.93	2.95	2.99														
145	3.16	3.11	3.12	3.16	3.16														
150	3.36	3.29	3.29	3.36	3.31														
155	3.55	3.49	3.50	3.54	3.55														
160	3.77	3.69	3.67	3.70	3.73														
165	3.94	3.88	3.84	3.88	3.89														
170	4.12	4.02	3.98	3.98	4.02														
175	4.22	4.16	4.12	4.11	4.13														
180	4.30	4.24	4.18	4.18	4.16														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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 Test Date:2024-05-20

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
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 Humidity:65.0%
 Test Distance:7.950m [K=1.0000]
 Remarks: