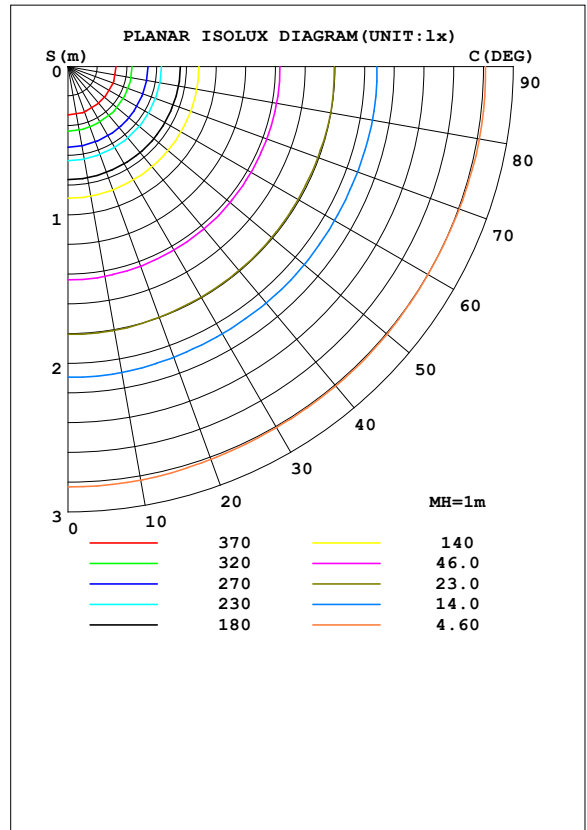
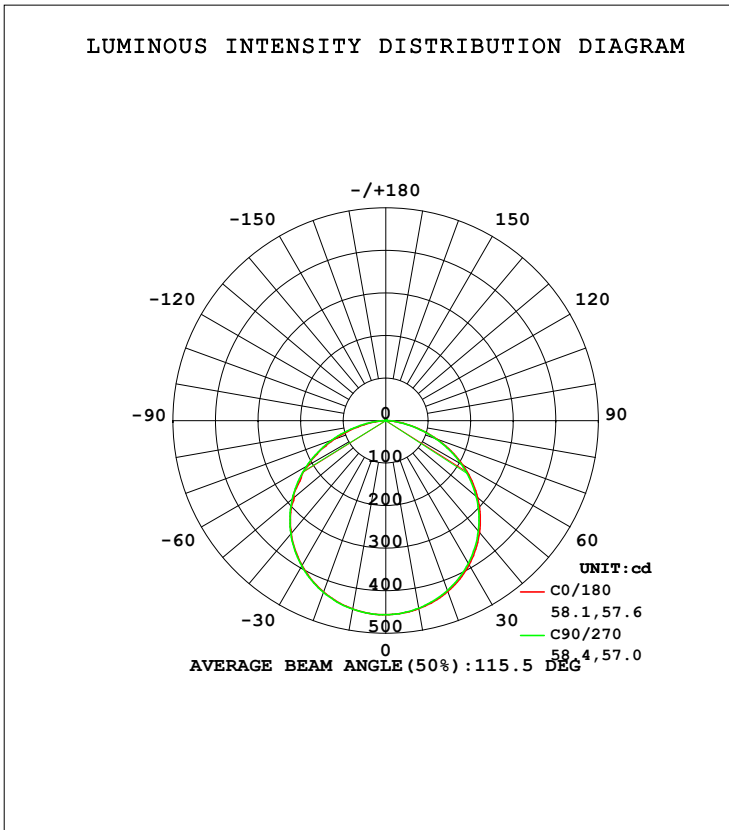


**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.56 lm/W			
HH-SWW64FO	MODEL: 24-2835-H-CC-2790K1-STD	Imax (cd)	456.3	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)	1347.7	<input type="checkbox"/> UP, DN (C0-180)	0.3, 49.2
NOMINAL FLUX (lm)	21.058	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.3, 50.2
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:

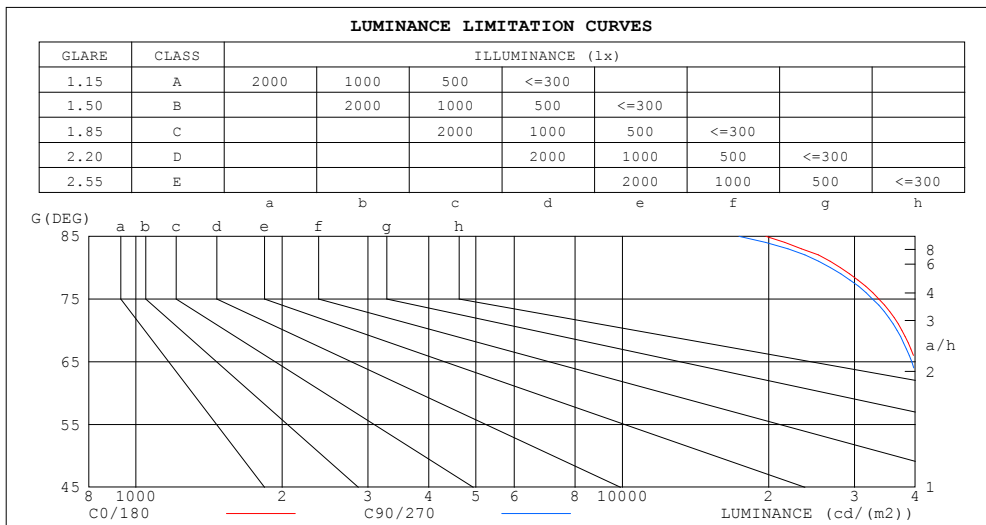
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	448.7	447.6	447.5	449.0	449.5	450.5	450.1	449.1	0- 10	43.20	43.20	3.21,3.21
20	427.0	424.8	424.4	427.4	428.5	430.3	429.5	427.8	10- 20	124.2	167.4	12.4,12.4
30	391.6	388.5	388.1	392.1	393.8	396.2	395.0	392.6	20- 30	189.7	357.1	26.5,26.5
40	342.9	339.1	338.6	343.7	345.9	348.8	347.4	344.1	30- 40	231.2	588.4	43.7,43.7
50	281.9	277.7	277.5	283.3	281.3	288.8	287.2	283.2	40- 50	242.8	831.2	61.7,61.7
60	209.5	205.5	205.5	211.8	210.0	217.3	215.9	210.8	50- 60	221.9	1053	78.1,78.1
70	128.7	124.8	125.5	131.6	131.1	136.8	135.3	129.7	60- 70	169.5	1223	90.7,90.7
80	48.82	45.63	46.46	51.35	45.92	55.31	54.13	49.14	70- 80	94.15	1317	97.7,97.7
90	0.6354	1.378	0.8232	2.055	0.4147	2.850	1.739	1.661	80- 90	22.43	1339	99.4,99.4
100	0.6498	0.6805	0.5963	0.6452	0.6810	0.5841	0.6187	0.6273	90-100	0.7169	1340	99.4,99.4
110	0.9727	0.9857	0.8924	0.9416	1.017	0.8979	0.9106	0.9367	100-110	0.8291	1341	99.5,99.5
120	1.313	1.321	1.219	1.273	1.366	1.221	1.237	1.259	110-120	1.097	1342	99.6,99.6
130	1.649	1.627	1.537	1.595	1.689	1.539	1.542	1.560	120-130	1.281	1343	99.7,99.7
140	1.946	1.914	1.816	1.909	1.981	1.840	1.834	1.834	130-140	1.344	1344	99.8,99.8
150	2.190	2.163	2.073	2.184	2.230	2.110	2.095	2.083	140-150	1.263	1346	99.9,99.9
160	2.391	2.403	2.347	2.428	2.435	2.359	2.352	2.331	150-160	1.045	1347	99.9,99.9
170	2.566	2.603	2.609	2.619	2.610	2.551	2.622	2.532	160-170	0.7025	1347	100,100
180	2.679	2.673	2.748	2.680	2.679	2.664	2.748	2.663	170-180	0.2513	1348	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 2700K Ra90	<b>DIM.:</b> 10*1000*1	<b>SERIAL No.:</b> 20240521009
<b>MFR.:</b> Wisva	<b>SUR.:</b>	<b>Shielding Angle:</b>



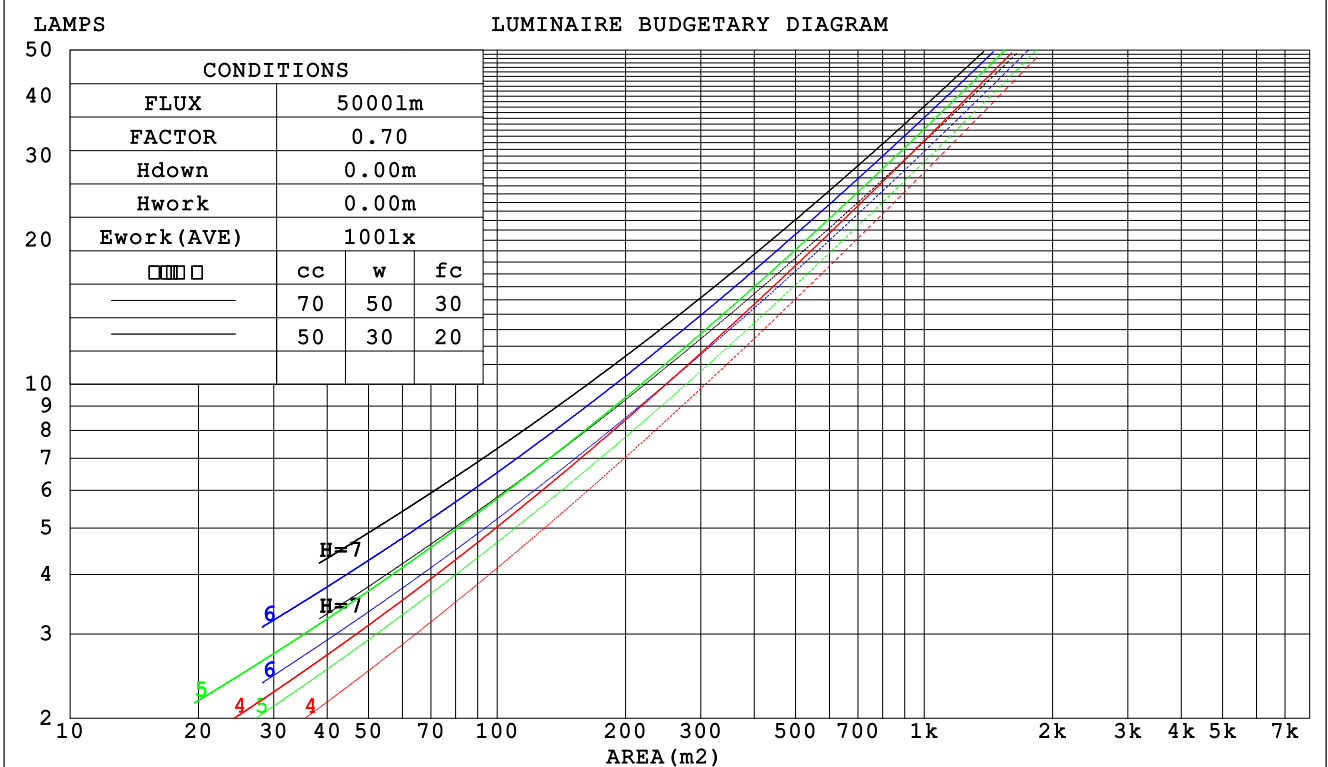
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
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	.40	.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	.31	.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:2024-05-21

□ 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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
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	.048	.274	.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	.108	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.185	.161	.139	.158	.138	.120	.108	.095	.083	.062	.055	.048	.020	.018	.016	
2.0	.177	.137	.103	.152	.118	.089	.104	.081	.062	.060	.047	.036	.019	.015	.012	
3.0	.170	.119	.079	.145	.103	.069	.100	.071	.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	.091	.058	.032	.053	.034	.019	.017	.011	.006	
6.0	.147	.087	.044	.127	.076	.038	.087	.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	.046	.027	.012	.015	.009	.004	
9.0	.128	.070	.030	.110	.060	.026	.076	.042	.019	.045	.025	.011	.014	.008	.004	
10.0	.122	.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 2700K Ra90		DIM.: 10*1000*1					SERIAL No.: 20240521009				
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	25.1	26.6	26.8	24.8	26.3	25.1	26.5	26.7	
3H	26.4	27.8	26.7	28.0	28.3	26.3	27.7	26.6	27.9	28.2	
4H	26.9	28.3	27.2	28.5	28.8	26.8	28.2	27.1	28.4	28.7	
6H	27.3	28.5	27.6	28.8	29.1	27.2	28.4	27.5	28.7	29.0	
8H	27.4	28.6	27.7	28.9	29.2	27.2	28.4	27.6	28.7	29.0	
12H	27.4	28.6	27.8	28.9	29.2	27.3	28.4	27.6	28.7	29.0	
4H 2H	25.4	26.8	25.8	27.0	27.3	25.4	26.7	25.7	27.0	27.3	
3H	27.1	28.3	27.5	28.6	28.9	27.0	28.2	27.4	28.5	28.8	
4H	27.8	28.8	28.2	29.2	29.5	27.7	28.8	28.1	29.1	29.4	
6H	28.2	29.2	28.7	29.6	29.9	28.1	29.1	28.5	29.4	29.8	
8H	28.4	29.3	28.8	29.6	30.0	28.3	29.1	28.7	29.5	29.9	
12H	28.4	29.3	28.9	29.7	30.1	28.3	29.1	28.7	29.5	29.9	
8H 4H	28.0	28.9	28.4	29.3	29.7	27.9	28.8	28.3	29.2	29.6	
6H	28.6	29.3	29.0	29.7	30.2	28.5	29.2	28.9	29.6	30.1	
8H	28.8	29.4	29.2	29.9	30.3	28.7	29.3	29.1	29.7	30.2	
12H	28.9	29.5	29.4	29.9	30.4	28.8	29.3	29.2	29.8	30.3	
12H 4H	28.0	28.8	28.4	29.2	29.6	27.9	28.7	28.4	29.1	29.5	
6H	28.6	29.3	29.1	29.7	30.2	28.5	29.2	29.0	29.6	30.1	
8H	28.8	29.4	29.3	29.9	30.3	28.7	29.3	29.2	29.7	30.2	
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, 1348 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)  
 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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:

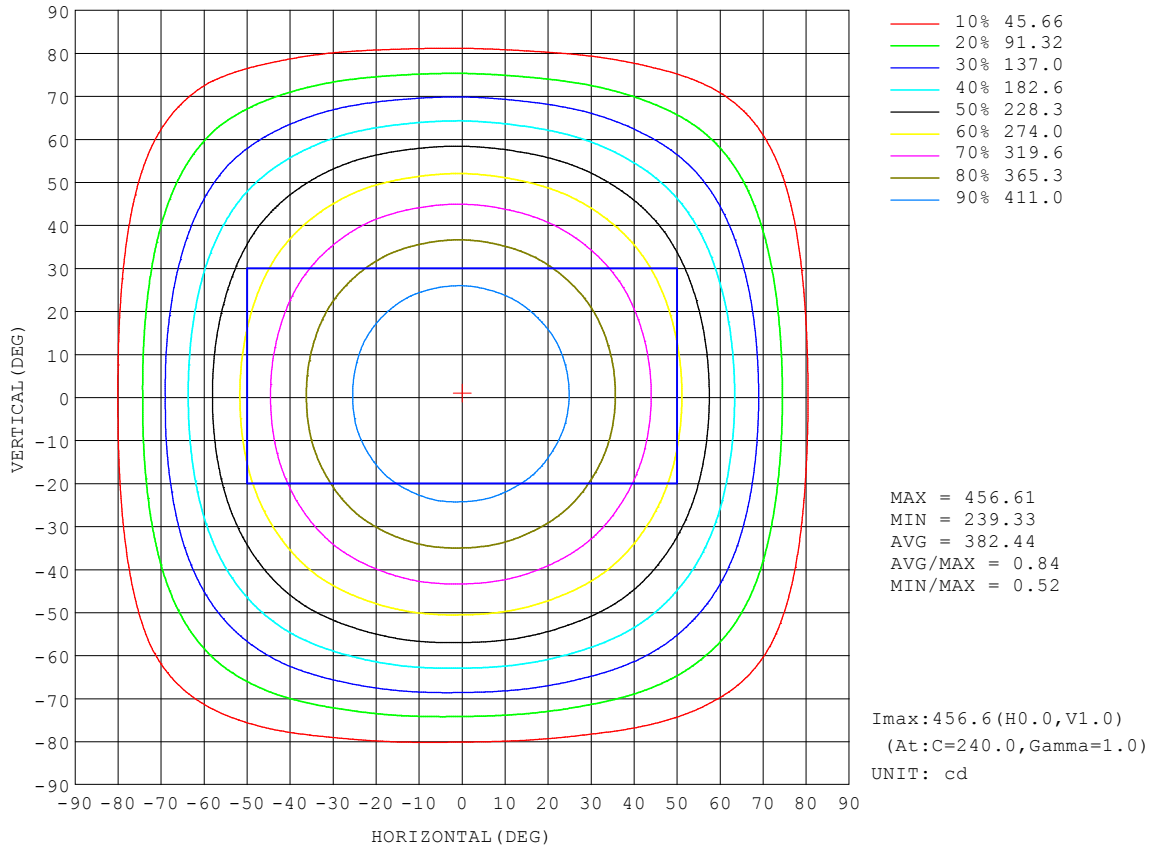
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64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

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:

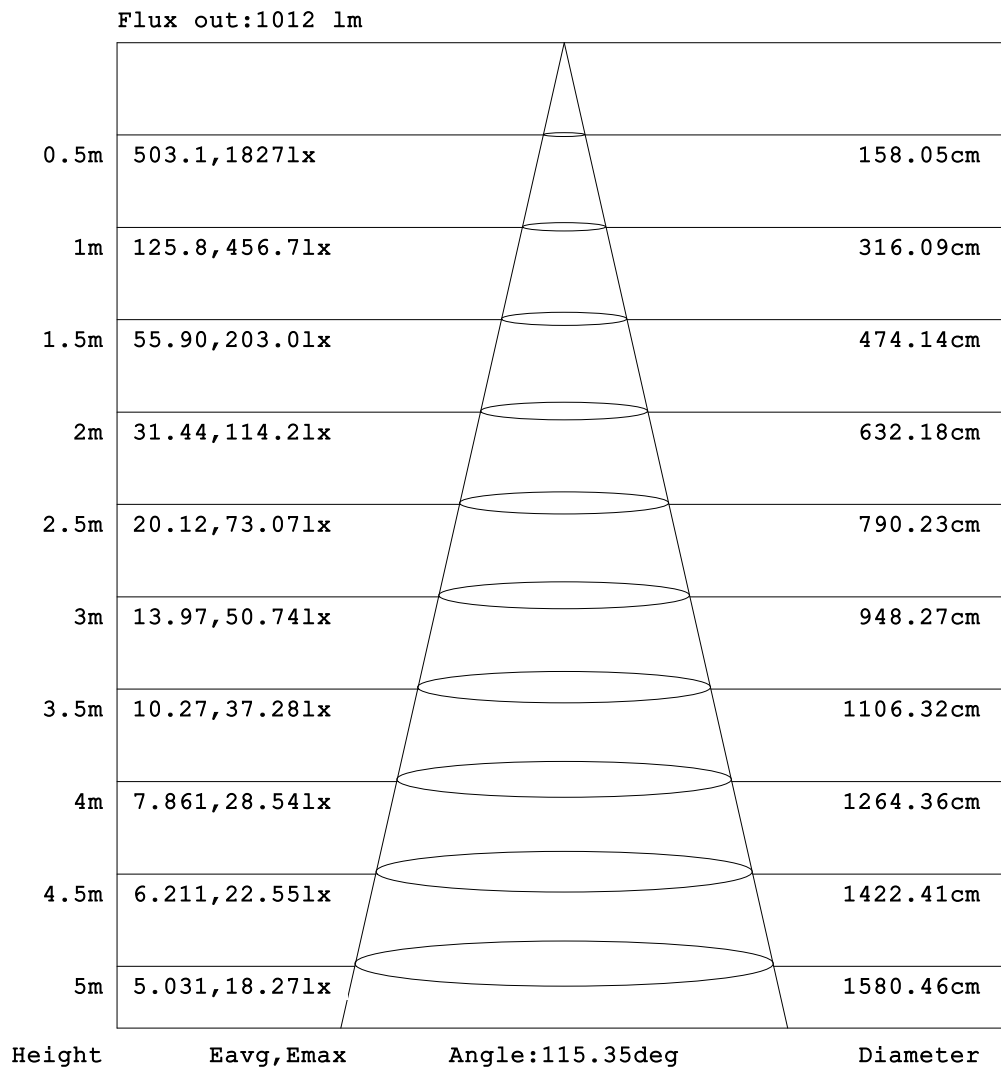


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-05-21

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:



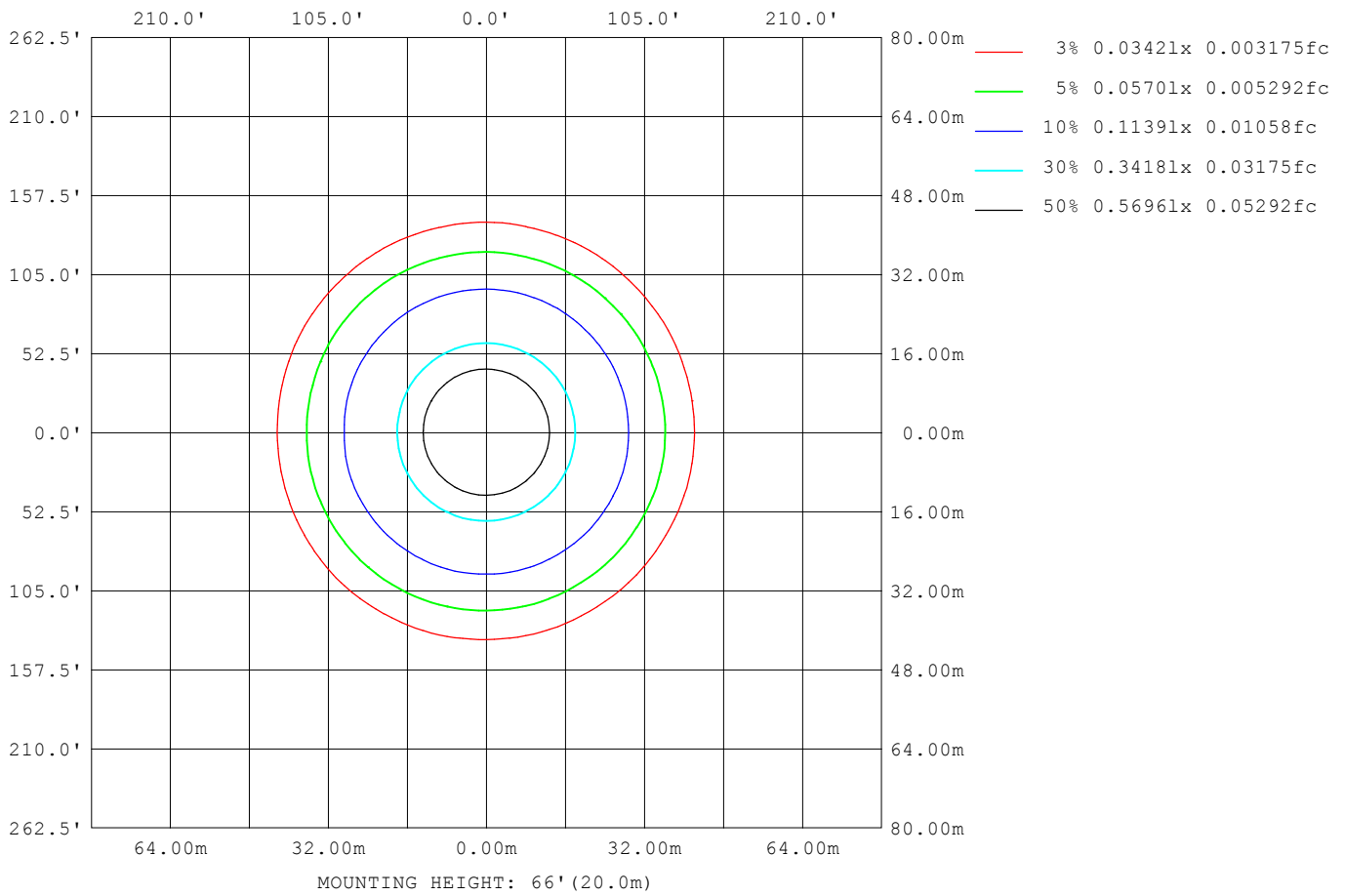
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
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.: 64LED/M 2835 DC24V 20W/M 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:

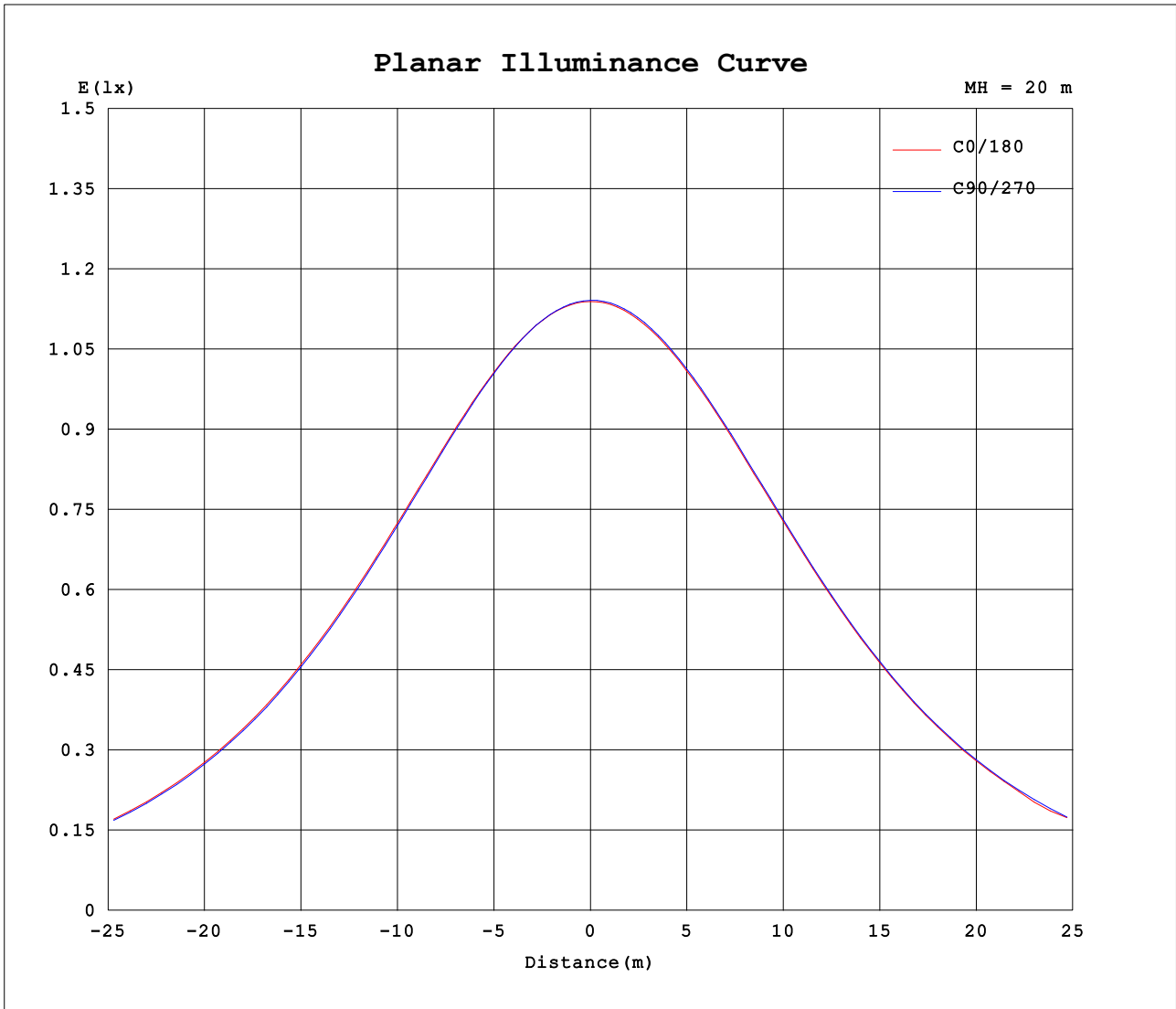
AvgL	cd/m2
L_0~180 (65) av	40719
L_0~180 (75) av	33395
L_0~180 (85) av	17051
L_90~270 (65) av	40539
L_90~270 (75) av	34425
L_90~270 (85) av	19982
L_45 (65) av	40643
L_45 (75) av	34561
L_45 (85) av	21472

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 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
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	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456
5	454	454	454	454	454	454	454	454	454	454	454	455	455	455	455	455	455	455	455
10	449	448	448	448	447	447	448	448	449	449	449	449	449	450	450	450	451	450	450
15	440	439	438	438	437	438	438	439	439	440	440	441	441	441	442	442	442	442	442
20	427	426	425	425	424	424	424	426	426	427	428	428	429	429	430	430	431	430	429
25	411	410	409	408	408	408	408	409	410	411	412	413	413	414	415	415	415	414	414
30	392	391	389	388	388	388	388	389	391	392	393	393	394	395	396	396	397	395	395
35	369	368	366	365	364	365	365	367	368	369	370	371	371	372	374	374	375	373	373
40	343	342	340	339	338	339	339	341	342	344	344	345	346	347	349	349	349	348	347
45	314	313	311	310	309	309	310	312	313	315	316	317	317	318	320	320	321	319	319
50	282	281	278	278	277	277	277	280	281	283	284	285	281	287	289	289	289	288	287
55	247	246	243	243	241	243	243	245	246	249	249	251	247	252	255	254	255	253	253
60	210	208	206	205	204	205	205	208	209	212	212	214	210	215	218	217	218	216	216
65	170	169	166	166	165	166	166	169	170	173	173	172	174	175	178	178	179	177	177
70	129	127	125	125	124	125	125	128	129	132	132	132	131	133	137	137	138	136	135
75	87.2	86.2	83.7	83.8	82.7	84.3	84.5	87.2	88.0	90.4	90.4	87.8	85.6	90.3	95.3	95.3	96.1	94.3	93.7
80	48.8	47.9	45.8	45.6	44.7	46.1	46.5	48.7	49.4	51.3	51.4	50.5	45.9	51.2	55.8	55.3	56.3	54.4	54.1
85	17.2	17.3	16.1	15.9	14.8	15.1	15.1	17.0	18.1	19.9	19.8	19.5	12.5	20.1	21.8	21.9	21.9	20.0	19.7
90	0.64	1.78	1.54	1.38	1.11	0.90	0.82	0.98	1.41	2.06	2.36	2.62	0.41	2.47	2.71	2.85	2.77	2.13	1.74
95	0.53	0.57	0.59	0.56	0.50	0.52	0.47	0.51	0.48	0.53	0.50	0.55	0.53	0.48	0.52	0.48	0.50	0.57	0.50
100	0.65	0.70	0.65	0.68	0.63	0.65	0.60	0.64	0.59	0.65	0.62	0.68	0.68	0.62	0.65	0.58	0.62	0.57	0.62
105	0.81	0.85	0.80	0.83	0.77	0.79	0.74	0.77	0.74	0.79	0.77	0.82	0.84	0.79	0.81	0.74	0.77	0.71	0.75
110	0.97	1.01	0.96	0.99	0.93	0.94	0.89	0.93	0.89	0.94	0.92	0.98	1.02	0.96	0.97	0.90	0.92	0.87	0.91
115	1.14	1.17	1.12	1.16	1.09	1.11	1.06	1.09	1.05	1.11	1.08	1.14	1.20	1.13	1.13	1.06	1.08	1.03	1.08
120	1.31	1.34	1.29	1.32	1.25	1.27	1.22	1.25	1.22	1.27	1.25	1.33	1.37	1.29	1.29	1.22	1.24	1.19	1.24
125	1.47	1.50	1.44	1.47	1.40	1.43	1.38	1.42	1.38	1.44	1.41	1.48	1.53	1.44	1.45	1.38	1.40	1.35	1.40
130	1.65	1.67	1.60	1.63	1.56	1.59	1.54	1.57	1.53	1.60	1.57	1.65	1.69	1.61	1.61	1.54	1.55	1.50	1.54
135	1.81	1.83	1.75	1.77	1.71	1.74	1.69	1.72	1.69	1.76	1.73	1.81	1.84	1.76	1.76	1.70	1.72	1.66	1.69
140	1.95	1.97	1.89	1.91	1.85	1.87	1.82	1.87	1.85	1.91	1.88	1.96	1.98	1.91	1.91	1.84	1.87	1.81	1.83
145	2.08	2.10	2.02	2.03	1.97	2.00	1.95	2.01	2.00	2.05	2.03	2.09	2.11	2.05	2.05	1.99	2.01	1.95	1.96
150	2.19	2.22	2.15	2.16	2.09	2.12	2.07	2.16	2.13	2.18	2.15	2.21	2.23	2.16	2.18	2.11	2.15	2.09	2.10
155	2.30	2.33	2.26	2.29	2.22	2.24	2.20	2.29	2.26	2.31	2.27	2.32	2.34	2.27	2.29	2.24	2.28	2.23	2.23
160	2.39	2.43	2.38	2.40	2.35	2.37	2.35	2.44	2.39	2.43	2.39	2.42	2.44	2.37	2.41	2.36	2.41	2.36	2.35
165	2.49	2.53	2.47	2.51	2.46	2.50	2.49	2.56	2.51	2.53	2.48	2.52	2.53	2.47	2.50	2.46	2.52	2.49	2.50
170	2.57	2.60	2.56	2.60	2.55	2.61	2.61	2.67	2.59	2.62	2.57	2.60	2.61	2.55	2.59	2.55	2.61	2.60	2.62
175	2.63	2.67	2.63	2.68	2.63	2.69	2.70	2.72	2.65	2.68	2.63	2.67	2.67	2.62	2.65	2.62	2.68	2.66	2.73
180	2.68	2.68	2.67	2.67	2.67	2.69	2.75	2.73	2.68	2.68	2.67	2.67	2.68	2.67	2.68	2.66	2.67	2.69	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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED STRIP	TYPE: LED IP20	WEIGHT:
SPEC.: 64LED/M 2835 DC24V 20W/M 2700K Ra90	DIM.: 10*1000*1	SERIAL No.: 20240521009
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) \ □ (DEG)	285	300	315	330	345														
0	456	456	456	456	456														
5	455	455	454	454	454														
10	449	449	449	449	449														
15	441	441	440	440	440														
20	429	428	428	428	427														
25	413	413	412	412	411														
30	394	394	393	393	392														
35	371	371	370	370	369														
40	346	345	344	344	343														
45	317	317	315	315	314														
50	285	285	283	283	282														
55	251	250	248	249	247														
60	213	213	211	211	210														
65	174	173	171	171	170														
70	133	132	130	130	128														
75	91.2	90.4	88.3	88.4	87.2														
80	51.6	51.2	49.1	49.6	48.5														
85	17.6	18.5	17.2	18.5	17.8														
90	1.55	1.69	1.66	1.77	1.48														
95	0.49	0.53	0.54	0.55	0.53														
100	0.59	0.64	0.63	0.68	0.64														
105	0.73	0.78	0.78	0.83	0.80														
110	0.88	0.95	0.94	0.99	0.96														
115	1.04	1.12	1.10	1.16	1.13														
120	1.21	1.28	1.26	1.32	1.30														
125	1.37	1.44	1.41	1.47	1.46														
130	1.52	1.58	1.56	1.63	1.62														
135	1.67	1.73	1.70	1.77	1.77														
140	1.80	1.85	1.83	1.91	1.92														
145	1.92	1.98	1.96	2.05	2.04														
150	2.05	2.10	2.08	2.17	2.16														
155	2.17	2.23	2.21	2.29	2.27														
160	2.31	2.36	2.33	2.39	2.37														
165	2.44	2.47	2.44	2.49	2.46														
170	2.54	2.57	2.53	2.58	2.55														
175	2.63	2.66	2.61	2.65	2.62														
180	2.70	2.70	2.66	2.67	2.66														

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: