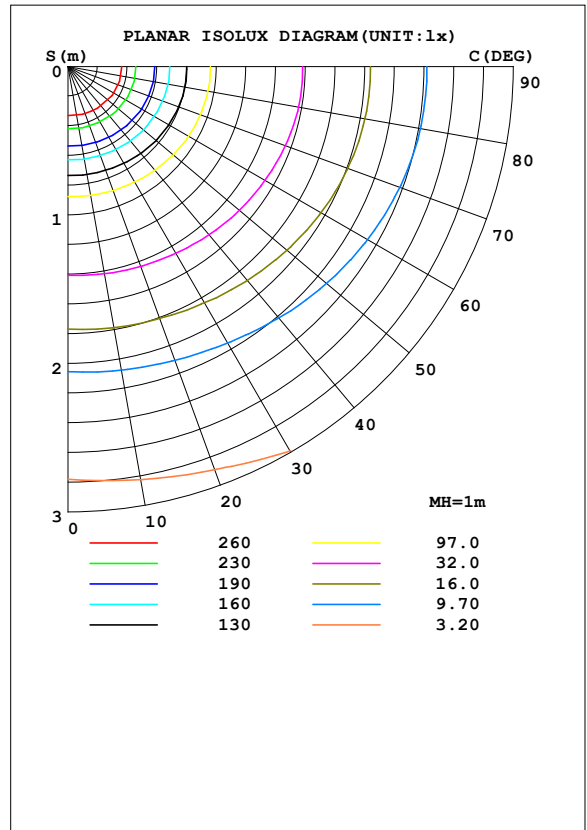
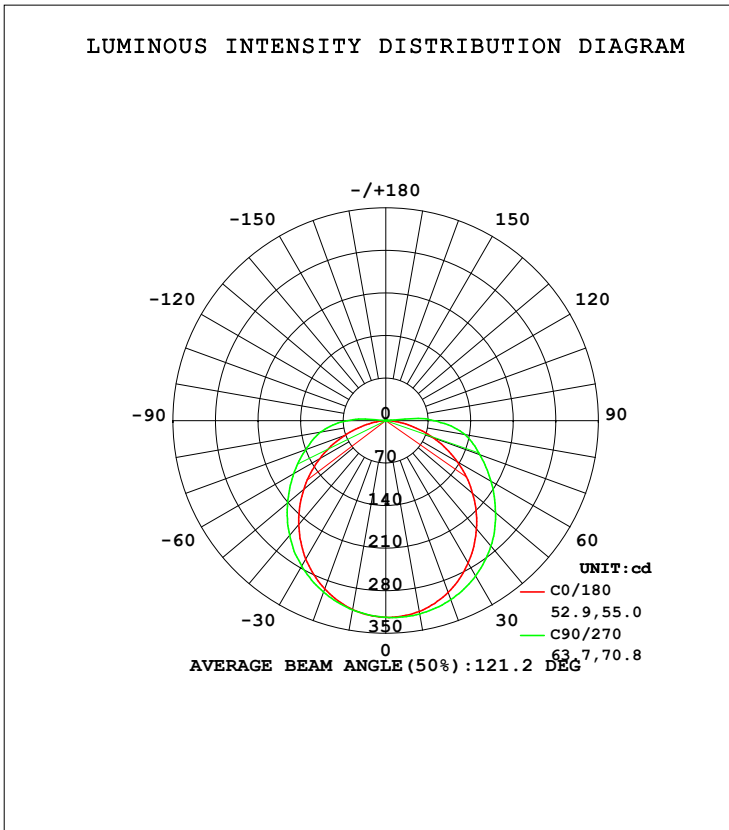


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.83 lm/W			
MODEL	HH-SWW480F310W24-COB	I _{max} (cd)	324.3	S/MH (C0/180)	1.22
NOMINAL POWER (W)	11.7922	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1082.9	<input type="checkbox"/> UP, DN (C0-180)	1.2, 51.0
NOMINAL FLUX (lm)	2.256	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	1.1, 46.7
LAMPS INSIDE	480	<input type="checkbox"/> up (%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	<input type="checkbox"/> down (%)	97.7	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-10-17

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:

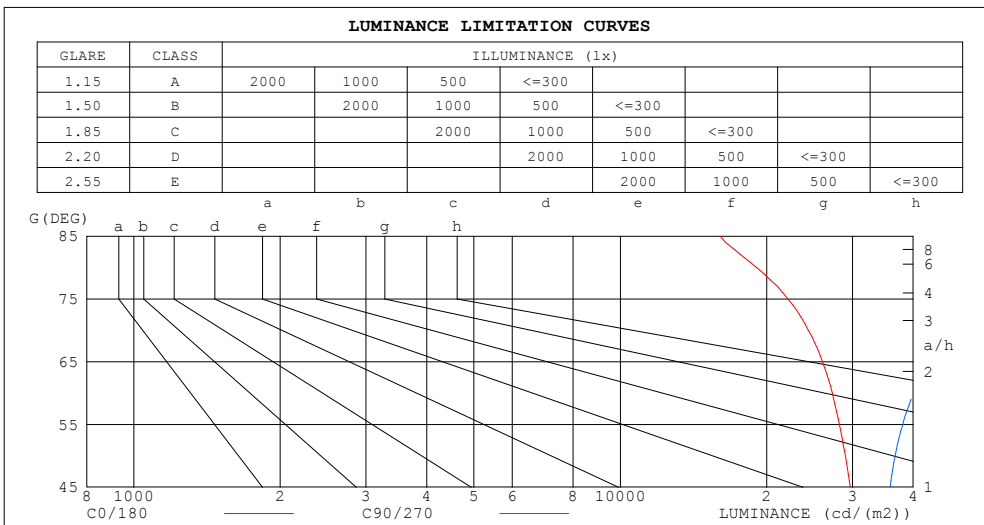
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum, lamp
10	318.7	321.6	322.8	319.8	315.5	314.9	316.1	316.7	0- 10	30.63	30.63	2.83,2.83
20	300.6	308.7	313.4	305.5	294.6	295.7	300.1	299.1	10- 20	87.93	118.6	10.9,10.9
30	271.0	285.3	295.4	281.4	263.3	267.4	276.6	271.8	20- 30	133.9	252.5	23.3,23.3
40	232.3	252.9	269.3	249.1	222.9	231.6	246.4	236.4	30- 40	163.0	415.5	38.4,38.4
50	186.8	213.2	235.7	210.2	176.4	190.6	211.0	195.1	40- 50	172.2	587.7	54.3,54.3
60	136.6	168.6	200.2	166.9	125.6	147.2	175.2	151.2	50- 60	161.8	749.5	69.2,69.2
70	83.47	127.7	164.8	126.5	72.78	108.4	140.3	111.7	60- 70	136.7	886.2	81.8,81.8
80	33.19	94.75	132.1	94.62	23.81	77.03	108.6	79.60	70- 80	104.3	990.5	91.5,91.5
90	2.039	51.48	79.36	52.34	0.3887	39.75	63.08	40.24	80- 90	67.91	1058	97.7,97.7
100	0.4366	1.089	2.864	0.6710	0.5286	0.7642	2.403	1.313	90-100	18.26	1077	99.4,99.4
110	0.6286	0.8462	1.014	0.8149	0.7296	0.8458	1.102	0.9063	100-110	0.9176	1078	99.5,99.5
120	0.8643	1.003	1.084	1.002	0.9697	1.064	1.224	1.076	110-120	0.9315	1079	99.6,99.6
130	1.083	1.160	1.206	1.190	1.206	1.251	1.376	1.246	120-130	1.005	1080	99.7,99.7
140	1.310	1.343	1.354	1.381	1.415	1.422	1.502	1.394	130-140	1.008	1081	99.8,99.8
150	1.502	1.518	1.493	1.547	1.585	1.587	1.629	1.542	140-150	0.9218	1081	99.9,99.9
160	1.668	1.697	1.672	1.726	1.743	1.727	1.764	1.686	150-160	0.7536	1082	99.9,99.9
170	1.812	1.845	1.846	1.869	1.869	1.832	1.898	1.817	160-170	0.5038	1083	100,100
180	1.900	1.906	1.946	1.913	1.900	1.901	1.951	1.904	170-180	0.1793	1083	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:2024-10-17

□ 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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	16043	124510
80	19080	76181
75	22089	57637
70	24359	48250
65	26050	43166
60	27279	40079
55	28212	38055
50	29013	36710
45	29691	35884

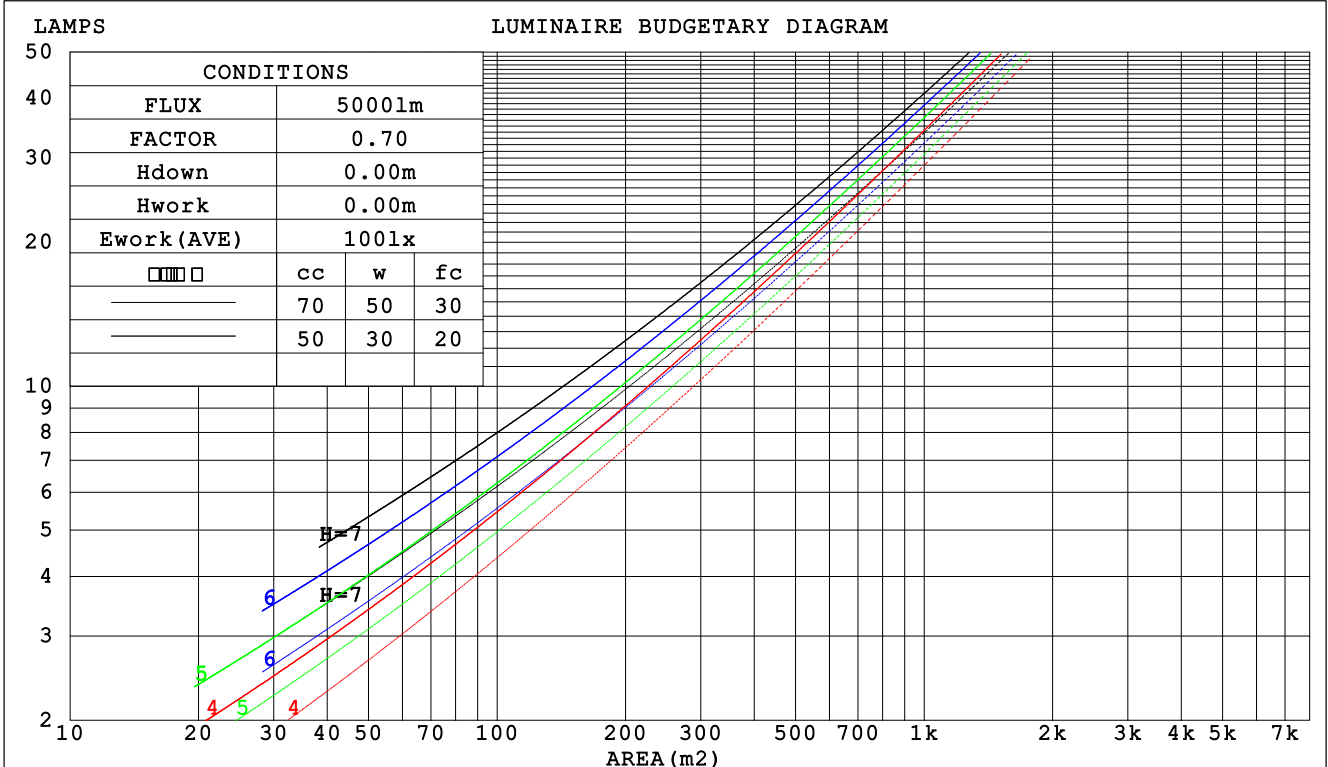
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.00	.95	.90	.98	.93	.89	.93	.89	.85	.88	.85	.82	.84	.82	.79	.77
2.0	.86	.78	.72	.84	.77	.71	.80	.74	.69	.76	.71	.67	.73	.69	.65	.63
3.0	.75	.66	.59	.73	.65	.58	.70	.63	.57	.67	.61	.56	.64	.59	.54	.52
4.0	.66	.57	.50	.65	.56	.49	.62	.54	.48	.59	.53	.47	.57	.51	.46	.44
5.0	.59	.49	.42	.58	.49	.42	.55	.47	.41	.53	.46	.41	.51	.45	.40	.38
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.35	.46	.40	.35	.33
7.0	.48	.39	.32	.47	.38	.32	.45	.37	.32	.44	.37	.31	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.34	.29	.41	.34	.28	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.23
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.27	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

□ 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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
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	.370 .211 .067	.363 .207 .066	.348 .199 .064	.334 .193 .062	.321 .186 .060	
2.0	.327 .179 .055	.320 .176 .054	.307 .171 .053	.295 .165 .052	.284 .160 .051	
3.0	.294 .156 .047	.288 .154 .046	.276 .149 .045	.265 .145 .045	.255 .141 .044	
4.0	.266 .138 .041	.261 .136 .040	.250 .133 .040	.240 .129 .039	.231 .126 .038	
5.0	.243 .124 .036	.238 .122 .036	.229 .119 .035	.220 .116 .035	.212 .113 .034	
6.0	.223 .112 .032	.219 .111 .032	.210 .108 .031	.203 .105 .031	.195 .103 .031	
7.0	.206 .102 .029	.202 .101 .029	.195 .099 .028	.188 .096 .028	.181 .094 .028	
8.0	.192 .094 .026	.188 .093 .026	.181 .091 .026	.175 .089 .026	.169 .087 .025	
9.0	.179 .087 .024	.176 .086 .024	.170 .084 .024	.164 .082 .024	.159 .081 .023	
10.0	.168 .080 .022	.165 .080 .022	.159 .078 .022	.154 .077 .022	.149 .075 .022	

<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	.208 .208 .208	.178 .178 .178	.121 .121 .121	.070 .070 .070	.022 .022 .022	
1.0	.202 .173 .147	.173 .148 .126	.118 .102 .087	.068 .059 .051	.022 .019 .016	
2.0	.194 .149 .111	.167 .128 .096	.114 .089 .067	.066 .052 .039	.021 .017 .013	
3.0	.187 .132 .089	.160 .114 .077	.110 .079 .054	.063 .046 .032	.020 .015 .010	
4.0	.179 .119 .073	.153 .103 .064	.105 .072 .045	.061 .042 .027	.020 .014 .009	
5.0	.171 .109 .063	.147 .094 .055	.101 .066 .039	.059 .039 .023	.019 .013 .008	
6.0	.163 .101 .056	.140 .087 .048	.097 .061 .034	.056 .036 .020	.018 .012 .007	
7.0	.156 .094 .050	.134 .081 .044	.093 .057 .031	.054 .034 .018	.017 .011 .006	
8.0	.149 .088 .046	.129 .076 .040	.089 .054 .028	.052 .032 .017	.017 .010 .006	
9.0	.143 .083 .043	.123 .072 .037	.085 .051 .026	.050 .030 .016	.016 .010 .005	
10.0	.137 .079 .040	.118 .068 .035	.082 .048 .025	.048 .028 .015	.015 .009 .005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz										
Lamp Flux:2.256x480 lm										
NAME: LED Strip			TYPE: IP20 N1204霓虹挤出				WEIGHT:			
SPEC.: 480LED/M COB 3000K Ra90			DIM.: 10*1000*1				SERIAL No.: 20241018001			
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	23.9	25.5	24.2	25.7	26.0	25.5	27.1	25.8	27.3	27.6
3H	25.4	26.8	25.7	27.1	27.4	27.9	29.4	28.3	29.7	30.0
4H	25.9	27.3	26.3	27.6	27.9	29.3	30.7	29.6	31.0	31.3
6H	26.3	27.7	26.7	28.0	28.3	30.7	32.1	31.1	32.4	32.7
8H	26.5	27.8	26.9	28.1	28.4	31.5	32.8	31.9	33.1	33.5
12H	26.6	27.8	26.9	28.1	28.5	32.4	33.6	32.8	33.9	34.3
4H 2H	24.8	26.2	25.2	26.5	26.9	26.1	27.5	26.4	27.8	28.1
3H	26.6	27.8	26.9	28.1	28.5	28.7	30.0	29.1	30.3	30.7
4H	27.3	28.4	27.7	28.8	29.2	30.3	31.4	30.7	31.8	32.2
6H	27.9	28.9	28.3	29.3	29.7	32.0	33.0	32.4	33.4	33.8
8H	28.1	29.1	28.6	29.5	29.9	32.9	33.9	33.4	34.3	34.7
12H	28.3	29.1	28.7	29.6	30.0	33.9	34.8	34.4	35.2	35.7
8H 4H	28.2	29.1	28.6	29.6	30.0	30.6	31.6	31.1	32.0	32.4
6H	29.1	29.9	29.6	30.4	30.9	32.6	33.5	33.1	33.9	34.4
8H	29.5	30.3	30.0	30.7	31.2	33.8	34.5	34.3	35.0	35.5
12H	29.8	30.5	30.4	31.0	31.5	35.0	35.6	35.5	36.1	36.7
12H 4H	28.5	29.4	28.9	29.8	30.3	30.7	31.5	31.1	32.0	32.4
6H	29.6	30.3	30.1	30.8	31.3	32.8	33.5	33.3	34.0	34.5
8H	30.2	30.8	30.7	31.3	31.8	34.0	34.6	34.5	35.1	35.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 1083 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)
 Area: 0.01 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:

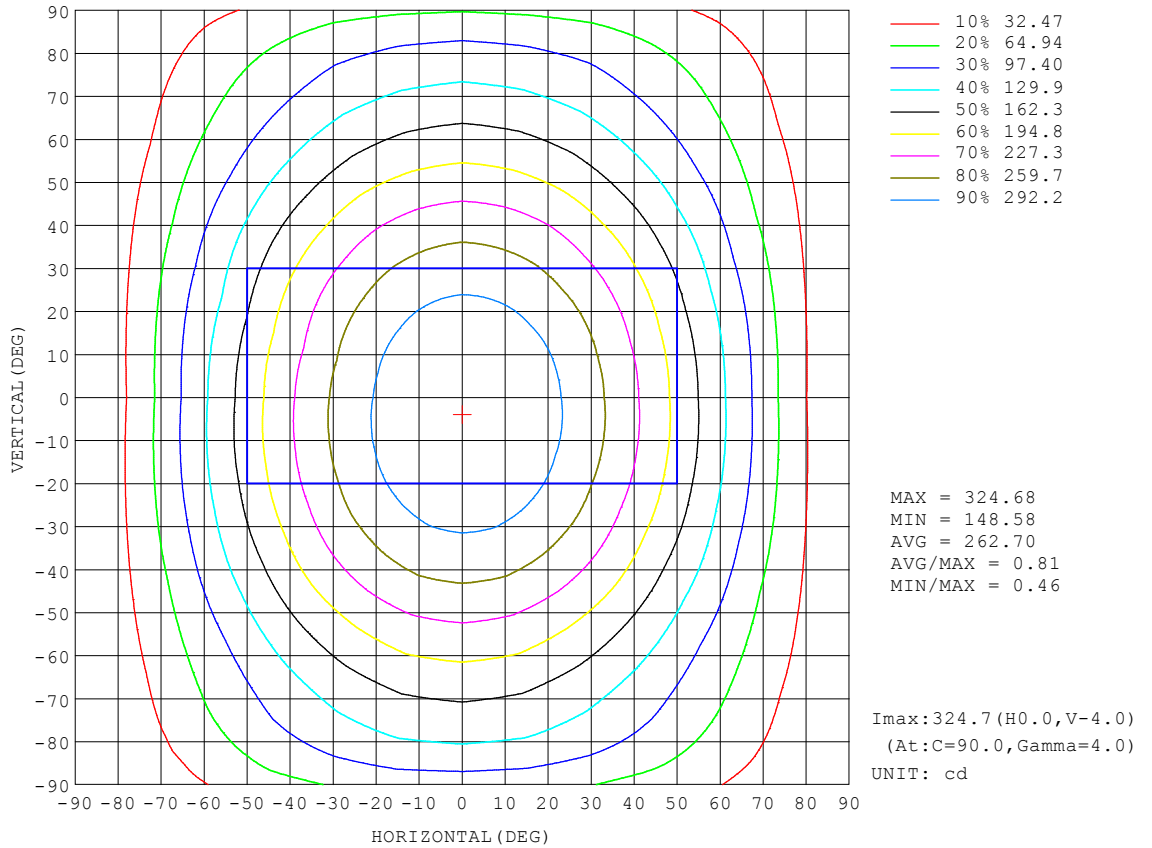
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	34	28
0.80	64	51	43	63	51	43	61	50	43	36
1.00	72	60	52	70	59	51	68	60	51	43
1.25	79	67	59	77	66	59	74	65	58	50
1.50	84	73	65	82	72	64	78	70	63	55
2.00	91	81	73	89	79	73	85	77	71	62
2.50	95	86	79	93	84	78	88	81	76	66
3.00	98	90	84	96	88	82	91	85	80	71
4.00	103	96	90	100	94	89	95	90	86	76
5.00	105	99	94	103	97	93	98	93	89	79
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:2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:

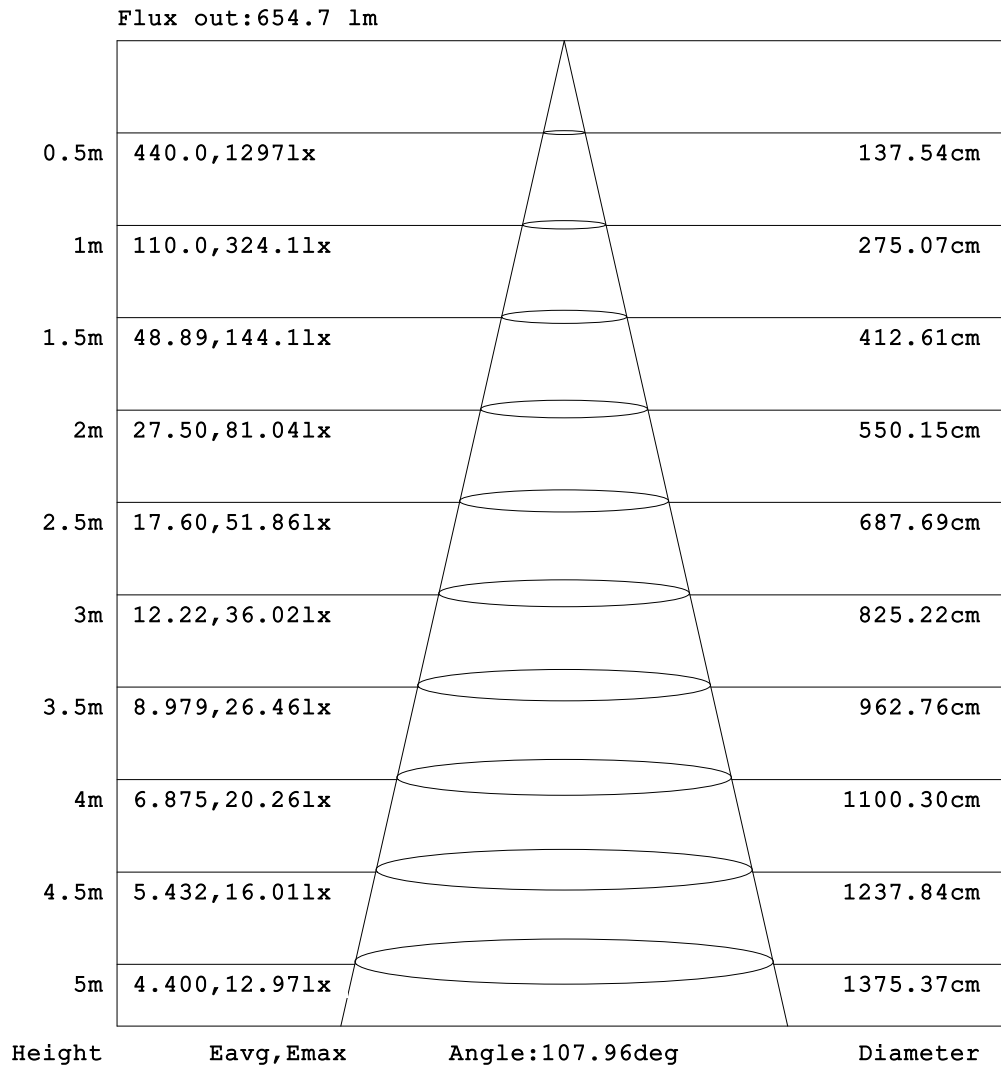


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 001
 Test Date: 2024-10-17

□ 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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:



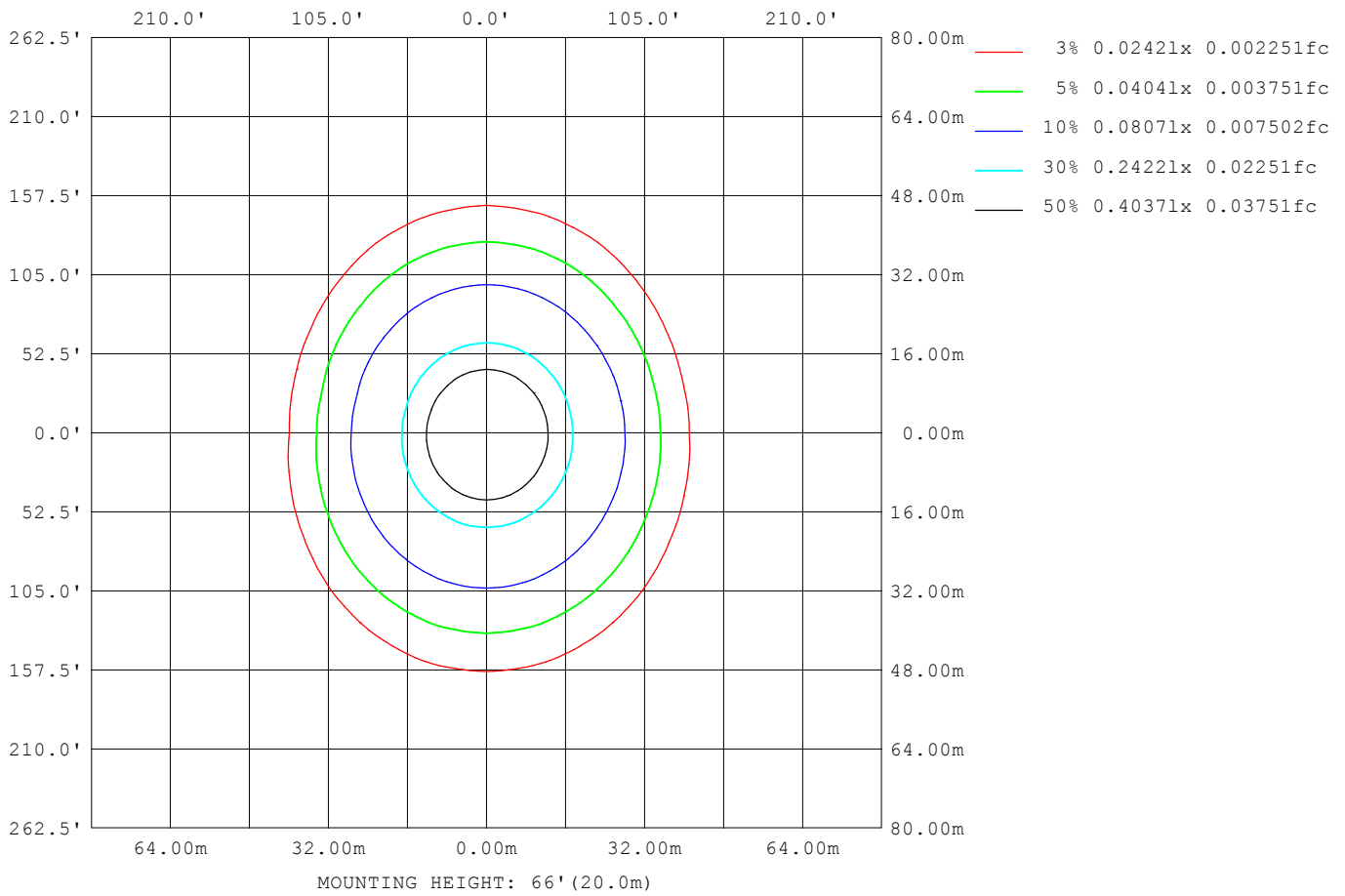
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

□ 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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:

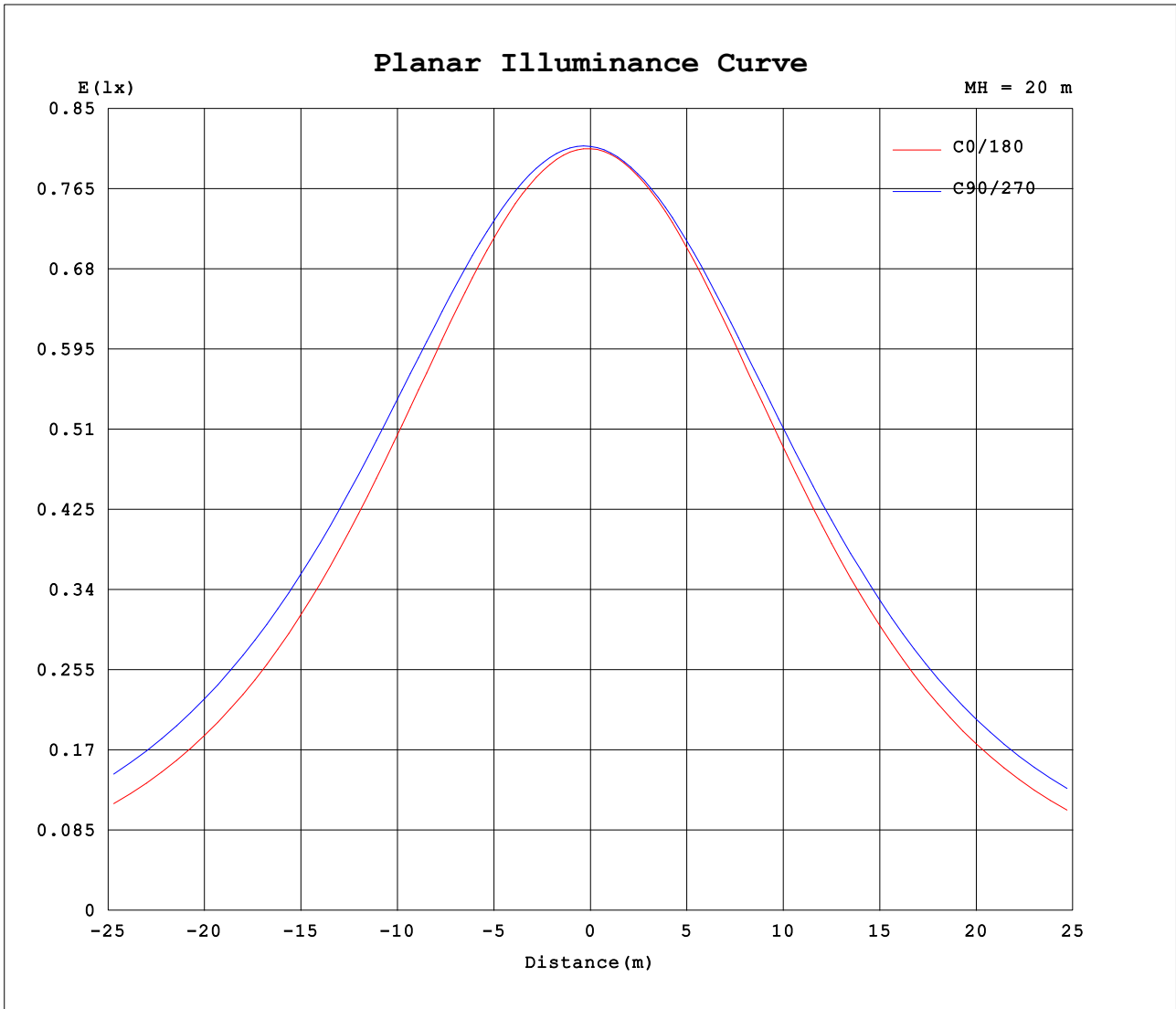
AvgL	cd/m2
L_0~180 (65) av	24804
L_0~180 (75) av	20142
L_0~180 (85) av	11672
L_90~270 (65) av	40199
L_90~270 (75) av	52902
L_90~270 (85) av	112736
L_45 (65) av	32615
L_45 (75) av	39174
L_45 (85) av	78682

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

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: 2024-10-17

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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
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	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324
5	323	323	324	324	324	324	324	324	324	323	322	322	321	321	321	321	321	321	321
10	319	320	320	322	322	323	323	322	321	320	318	317	315	315	315	315	315	316	316
15	311	313	314	317	318	319	319	318	317	314	311	308	307	306	306	306	308	308	309
20	301	303	305	309	311	313	313	312	309	305	301	297	295	293	294	296	298	299	300
25	287	290	293	298	302	305	305	304	300	295	288	283	280	279	280	283	286	288	289
30	271	275	279	285	291	294	295	294	288	281	273	267	263	261	264	267	272	275	277
35	253	257	262	270	277	282	283	281	275	266	256	249	244	241	246	250	256	260	263
40	232	237	243	253	261	268	269	267	259	249	237	229	223	220	226	232	239	243	246
45	210	215	223	234	244	251	253	251	242	230	217	207	200	199	205	212	220	226	229
50	187	192	201	213	224	233	236	233	223	210	195	184	176	175	183	191	201	207	211
55	162	168	177	191	204	215	218	215	203	189	172	160	151	149	159	169	181	189	193
60	137	143	154	169	184	196	200	196	184	167	149	136	126	126	136	147	161	171	175
65	110	117	130	147	165	178	182	178	165	146	126	111	99.4	103	113	127	143	153	158
70	83.5	91.9	107	128	146	160	165	161	146	127	103	85.8	72.8	78.7	91.6	108	125	136	140
75	57.3	67.6	86.9	110	130	144	149	145	131	109	84.0	61.7	47.0	55.9	72.7	91.5	109	120	125
80	33.2	46.5	70.7	94.8	114	128	132	128	115	94.6	68.6	41.4	23.8	36.1	57.2	77.0	94.0	104	109
85	14.0	30.5	54.2	76.0	92.9	105	108	106	94.0	76.4	52.2	26.2	6.34	21.4	42.4	60.1	75.5	84.5	88.1
90	2.04	14.7	33.2	51.5	66.1	76.3	79.4	77.2	67.3	52.3	31.2	11.0	0.39	7.47	24.2	39.7	52.6	60.0	63.1
95	0.40	0.63	1.74	5.72	13.1	28.8	32.2	31.4	16.3	7.26	1.25	0.44	0.44	0.43	1.42	5.64	19.0	28.4	33.9
100	0.44	0.56	0.75	1.09	1.45	2.42	2.86	2.37	0.93	0.67	0.54	0.52	0.53	0.49	0.61	0.76	1.12	2.05	2.40
105	0.53	0.61	0.69	0.82	0.99	1.07	1.08	0.92	0.81	0.72	0.61	0.61	0.62	0.60	0.71	0.75	0.88	1.02	1.16
110	0.63	0.68	0.72	0.85	0.93	1.00	1.01	0.96	0.85	0.81	0.72	0.72	0.73	0.72	0.81	0.85	0.96	1.01	1.10
115	0.74	0.77	0.79	0.92	0.95	1.04	1.02	1.03	0.92	0.91	0.82	0.84	0.85	0.83	0.93	0.95	1.06	1.07	1.15
120	0.86	0.89	0.87	1.00	1.02	1.11	1.08	1.09	1.01	1.00	0.92	0.95	0.97	0.95	1.04	1.06	1.16	1.15	1.22
125	0.97	1.00	0.98	1.07	1.09	1.17	1.14	1.17	1.08	1.10	1.03	1.06	1.08	1.06	1.15	1.16	1.25	1.24	1.30
130	1.08	1.12	1.08	1.16	1.17	1.25	1.21	1.23	1.18	1.19	1.13	1.18	1.21	1.17	1.25	1.25	1.33	1.33	1.38
135	1.21	1.23	1.19	1.25	1.24	1.32	1.28	1.32	1.25	1.29	1.24	1.28	1.32	1.29	1.35	1.34	1.42	1.39	1.44
140	1.31	1.34	1.29	1.34	1.32	1.38	1.35	1.40	1.35	1.38	1.33	1.39	1.42	1.38	1.44	1.42	1.49	1.46	1.50
145	1.40	1.44	1.38	1.43	1.40	1.45	1.42	1.48	1.42	1.47	1.42	1.48	1.50	1.47	1.52	1.50	1.57	1.54	1.57
150	1.50	1.52	1.47	1.52	1.48	1.52	1.49	1.55	1.51	1.55	1.52	1.57	1.59	1.55	1.61	1.59	1.65	1.61	1.63
155	1.58	1.61	1.57	1.61	1.56	1.60	1.58	1.64	1.60	1.64	1.61	1.66	1.67	1.62	1.69	1.67	1.72	1.69	1.70
160	1.67	1.71	1.65	1.70	1.66	1.69	1.67	1.73	1.69	1.73	1.69	1.74	1.74	1.70	1.76	1.73	1.80	1.75	1.76
165	1.75	1.78	1.73	1.78	1.74	1.78	1.77	1.82	1.77	1.81	1.76	1.80	1.81	1.77	1.82	1.79	1.86	1.83	1.84
170	1.81	1.85	1.81	1.84	1.80	1.85	1.85	1.89	1.84	1.87	1.82	1.87	1.87	1.82	1.87	1.83	1.90	1.86	1.90
175	1.86	1.90	1.86	1.90	1.87	1.92	1.90	1.93	1.88	1.91	1.86	1.90	1.90	1.86	1.90	1.88	1.90	1.91	1.95
180	1.90	1.90	1.90	1.91	1.90	1.92	1.95	1.95	1.91	1.91	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.92	1.95

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

□ 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:0.4913A P:11.792W PF:1.0000 Freq:49.99Hz Lamp Flux:2.256x480 lm		
NAME: LED Strip	TYPE: IP20 N1204霓虹挤出	WEIGHT:
SPEC.: 480LED/M COB 3000K Ra90	DIM.: 10*1000*1	SERIAL No.: 20241018001
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	324	324	324	324	324														
5	321	321	321	322	322														
10	316	317	317	317	318														
15	309	309	309	310	310														
20	300	300	299	299	299														
25	289	288	287	286	286														
30	276	275	272	270	270														
35	261	259	255	253	251														
40	245	242	236	233	231														
45	227	223	216	212	209														
50	209	203	195	189	185														
55	190	183	173	166	161														
60	172	164	151	142	136														
65	154	145	131	118	110														
70	136	127	112	96.2	84.8														
75	121	111	94.4	76.7	61.2														
80	105	95.1	79.6	60.7	41.1														
85	84.3	76.1	61.8	44.9	26.2														
90	59.6	52.5	40.2	26.3	11.7														
95	27.6	17.4	4.65	2.02	0.66														
100	2.17	1.50	1.31	0.74	0.57														
105	1.23	1.03	0.92	0.76	0.62														
110	1.10	1.03	0.91	0.84	0.70														
115	1.11	1.09	0.98	0.94	0.79														
120	1.17	1.19	1.08	1.03	0.91														
125	1.25	1.26	1.16	1.13	1.02														
130	1.33	1.34	1.25	1.23	1.14														
135	1.38	1.41	1.33	1.32	1.23														
140	1.45	1.47	1.39	1.40	1.34														
145	1.52	1.55	1.47	1.49	1.41														
150	1.58	1.61	1.54	1.57	1.52														
155	1.64	1.67	1.62	1.65	1.60														
160	1.71	1.74	1.69	1.72	1.67														
165	1.78	1.80	1.75	1.79	1.75														
170	1.84	1.87	1.82	1.86	1.81														
175	1.89	1.92	1.86	1.90	1.87														
180	1.92	1.93	1.90	1.90	1.90														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:001
 Test Date:2024-10-17

□ 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: