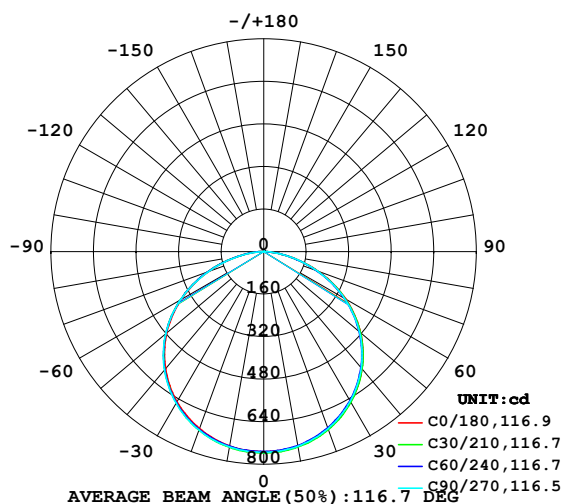


## LUMINAIRE PHOTOMETRIC TEST REPORT

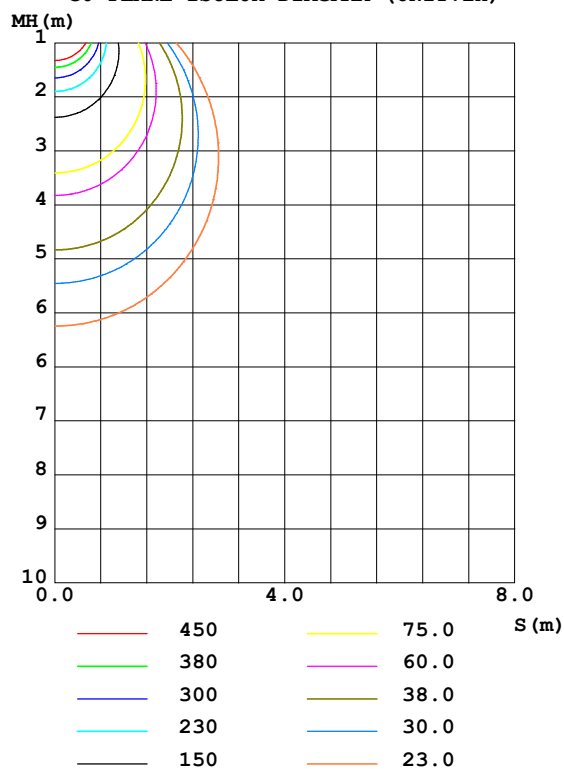
Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.58 lm/W			
MODEL	6500K	I <sub>max</sub> (cd)	757.3	S/MH(C0/180)	1.29
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2241.4	η UP,DN(C0-180)	0.0,50.1
NOMINAL FLUX(lm)	2241.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	742.2	743.9	743.2	744.8	742.3	746.1	745.9	741.7	0- 10	71.38	71.38	3.18,3.18
20	709.1	711.0	708.1	712.4	707.9	713.0	713.9	703.1	10- 20	206.2	277.6	12.4,12.4
30	653.3	653.4	650.7	653.4	652.6	657.5	659.1	645.9	20- 30	315.8	593.4	26.5,26.5
40	575.4	574.8	571.2	575.8	574.5	579.5	581.3	569.8	30- 40	385.7	979.0	43.7,43.7
50	475.6	474.2	470.3	478.8	476.9	479.5	482.1	467.1	40- 50	407.2	1386	61.8,61.8
60	355.7	352.2	350.0	361.1	357.2	359.7	360.5	347.0	50- 60	372.5	1759	78.5,78.5
70	218.7	216.0	214.0	227.2	222.7	224.1	221.9	208.9	60- 70	284.9	2044	91.2,91.2
80	83.19	82.67	83.29	93.45	87.72	89.26	86.20	74.78	70- 80	158.2	2202	98.2,98.2
90	0.9105	1.248	0.3945	6.564	4.543	1.895	0.2044	2.519	80- 90	38.58	2240	100,100
100	0.4523	0.1838	0.4523	0.4232	0.1110	0.0301	0.3064	0.3282	90-100	0.9335	2241	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0215	2241	100,100
120	0	0	0	0	0	0	0	0	110-120	0	2241	100,100
130	0	0	0	0	0	0	0	0	120-130	0	2241	100,100
140	0	0	0	0	0	0	0	0	130-140	0	2241	100,100
150	0	0	0	0	0	0	0	0	140-150	0	2241	100,100
160	0	0	0	0	0	0	0	0	150-160	0	2241	100,100
170	0	0	0	0	0	0	0	0	160-170	0	2241	100,100
180	0	0	0	0	0	0	0	0	170-180	0	2241	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1183.3 lm

%lum = 52.8%

%lamp = 52.8%

Conical surface Flux(120deg): 1758.8 lm

%lum = 78.5%

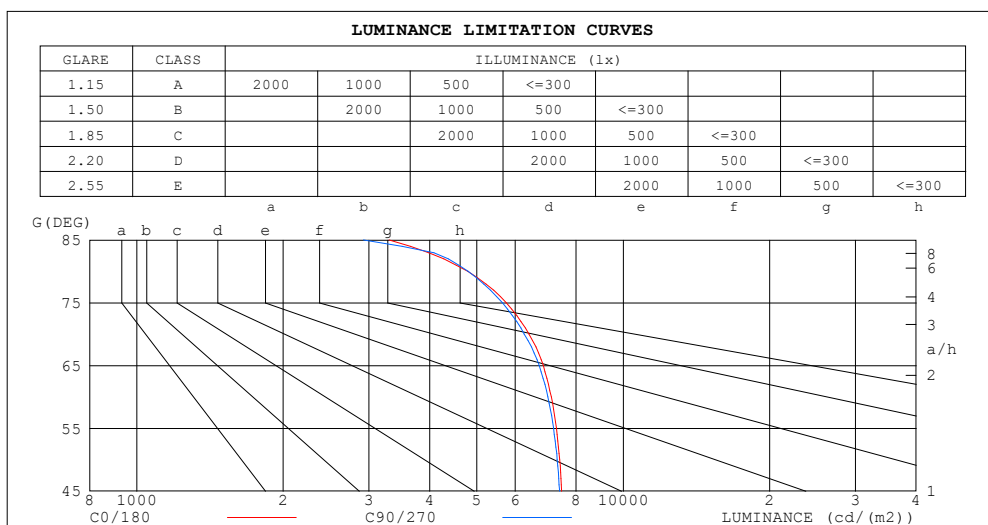
%lamp = 78.5%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3303	2923
80	4790	4796
75	5752	5641
70	6396	6258
65	6847	6715
60	7114	6999
55	7287	7191
50	7399	7316
45	7468	7400

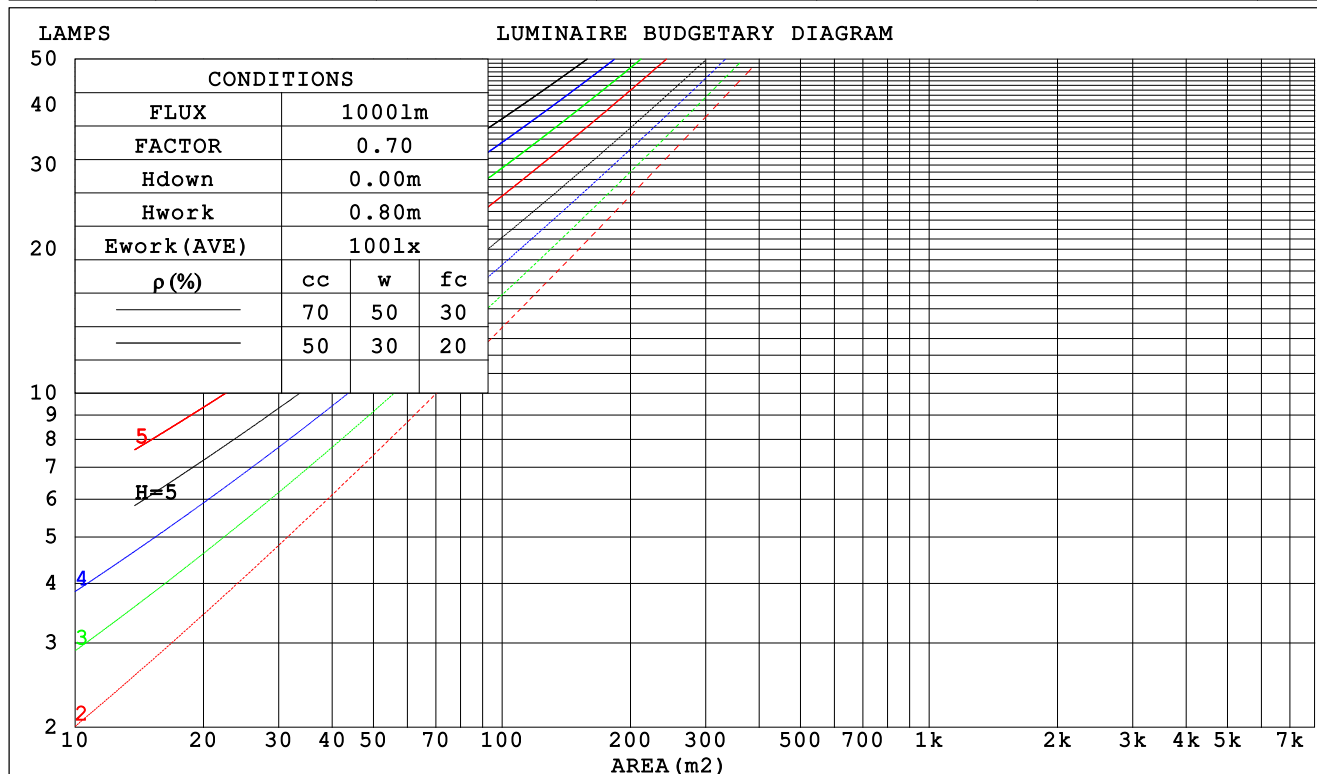
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.82	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.40	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.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	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	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	.290	.166	.053	.278	.160	.051	.266	.154	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045		
3.0	.272	.145	.043	.266	.142	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.120	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.212	.112	.033	.205	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030		
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.181	.156	.135	.155	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015		
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011		
3.0	.165	.115	.074	.142	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.158	.101	.058	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.150	.091	.047	.129	.079	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006		
6.0	.143	.083	.039	.123	.072	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.136	.076	.033	.117	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.130	.070	.029	.112	.061	.025	.077	.043	.018	.045	.025	.011	.015	.008	.004		
9.0	.124	.065	.025	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003		
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.008	.013	.007	.003		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm											
NAME: YJ-BC-12HRB-2835L-24V-G03-2765					TYPE:LED STRIP			WEIGHT:			
SPEC.:Ra95					DIM.:			SERIAL No.:			
MFR.: YUJI LIGHTS					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	19.8	21.4	20.1	21.6	21.8	19.8	21.3	20.0	21.5	21.7	
	3H	21.4	22.8	21.7	23.0	23.2	21.3	22.7	21.6	22.9	
	4H	21.9	23.3	22.2	23.5	23.8	21.8	23.2	22.1	23.4	
	6H	22.3	23.6	22.6	23.8	24.1	22.2	23.5	22.5	23.7	
	8H	22.4	23.6	22.7	23.9	24.2	22.3	23.5	22.6	23.8	
	12H	22.4	23.6	22.8	23.9	24.2	22.3	23.5	22.7	23.8	
4H	2H	20.4	21.8	20.8	22.0	22.3	20.4	21.7	20.7	22.0	
	3H	22.1	23.3	22.5	23.6	23.9	22.0	23.2	22.4	23.5	
	4H	22.8	23.9	23.2	24.2	24.5	22.7	23.8	23.1	24.1	
	6H	23.3	24.2	23.7	24.6	25.0	23.2	24.2	23.6	24.5	
	8H	23.4	24.3	23.8	24.7	25.1	23.3	24.2	23.8	24.6	
	12H	23.5	24.3	23.9	24.7	25.1	23.4	24.2	23.8	24.6	
8H	4H	23.0	23.9	23.5	24.3	24.7	23.0	23.8	23.4	24.2	
	6H	23.6	24.4	24.1	24.8	25.2	23.6	24.3	24.0	24.7	
	8H	23.8	24.5	24.3	24.9	25.4	23.8	24.4	24.2	24.9	
	12H	24.0	24.5	24.4	25.0	25.4	23.9	24.5	24.4	24.9	
12H	4H	23.0	23.9	23.5	24.2	24.6	23.0	23.8	23.4	24.2	
	6H	23.7	24.3	24.1	24.8	25.2	23.6	24.3	24.1	24.7	
	8H	23.9	24.5	24.4	24.9	25.4	23.9	24.4	24.3	24.9	
Variations with the observer position at spacings:											
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, 2241 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.8$ )

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

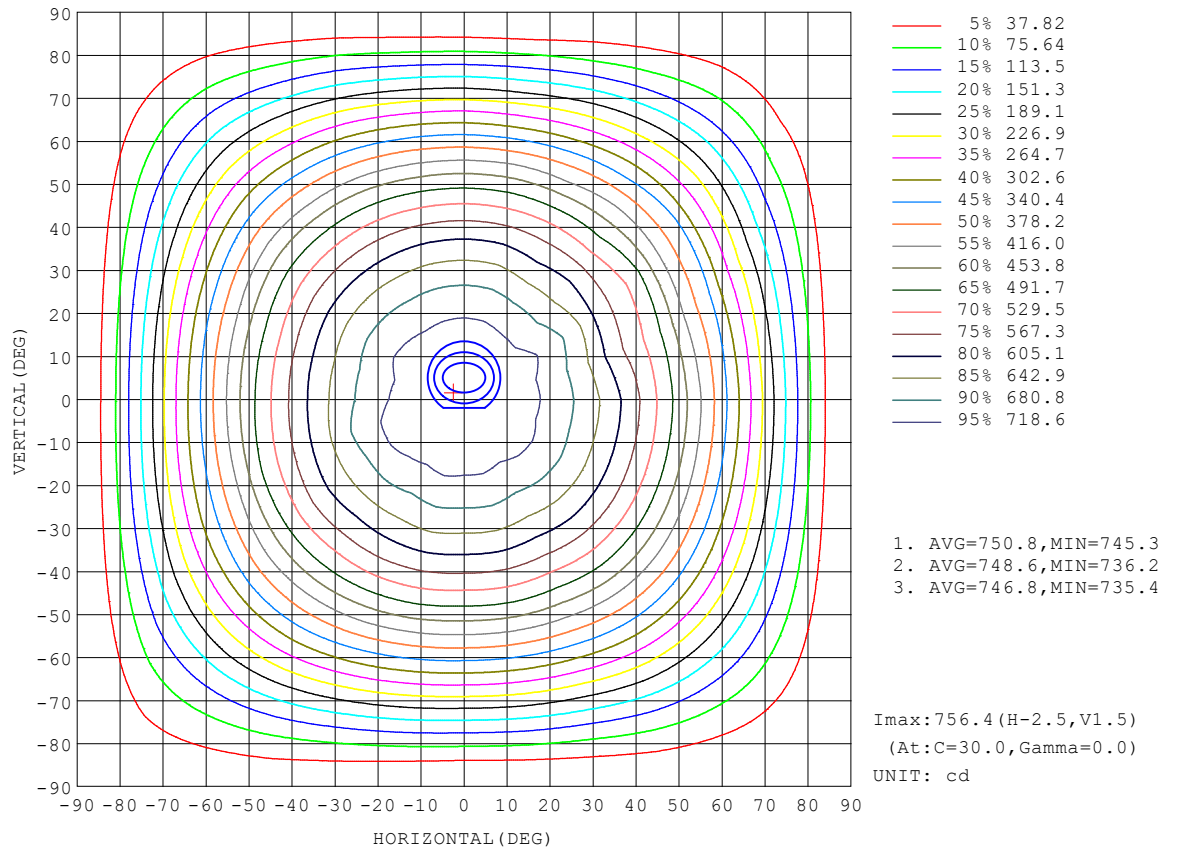
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: SENPU  
 Test Date: 2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:



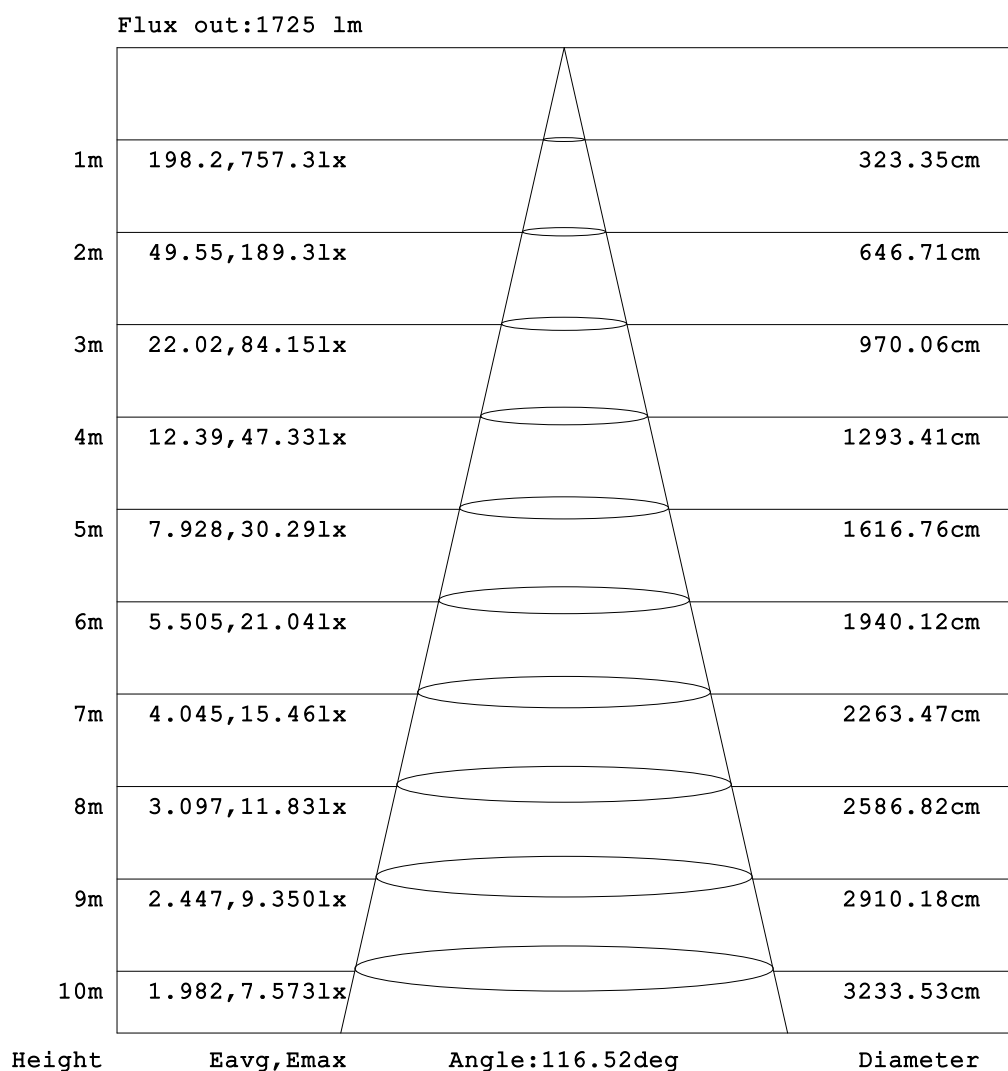
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:



## AAI Figure

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:



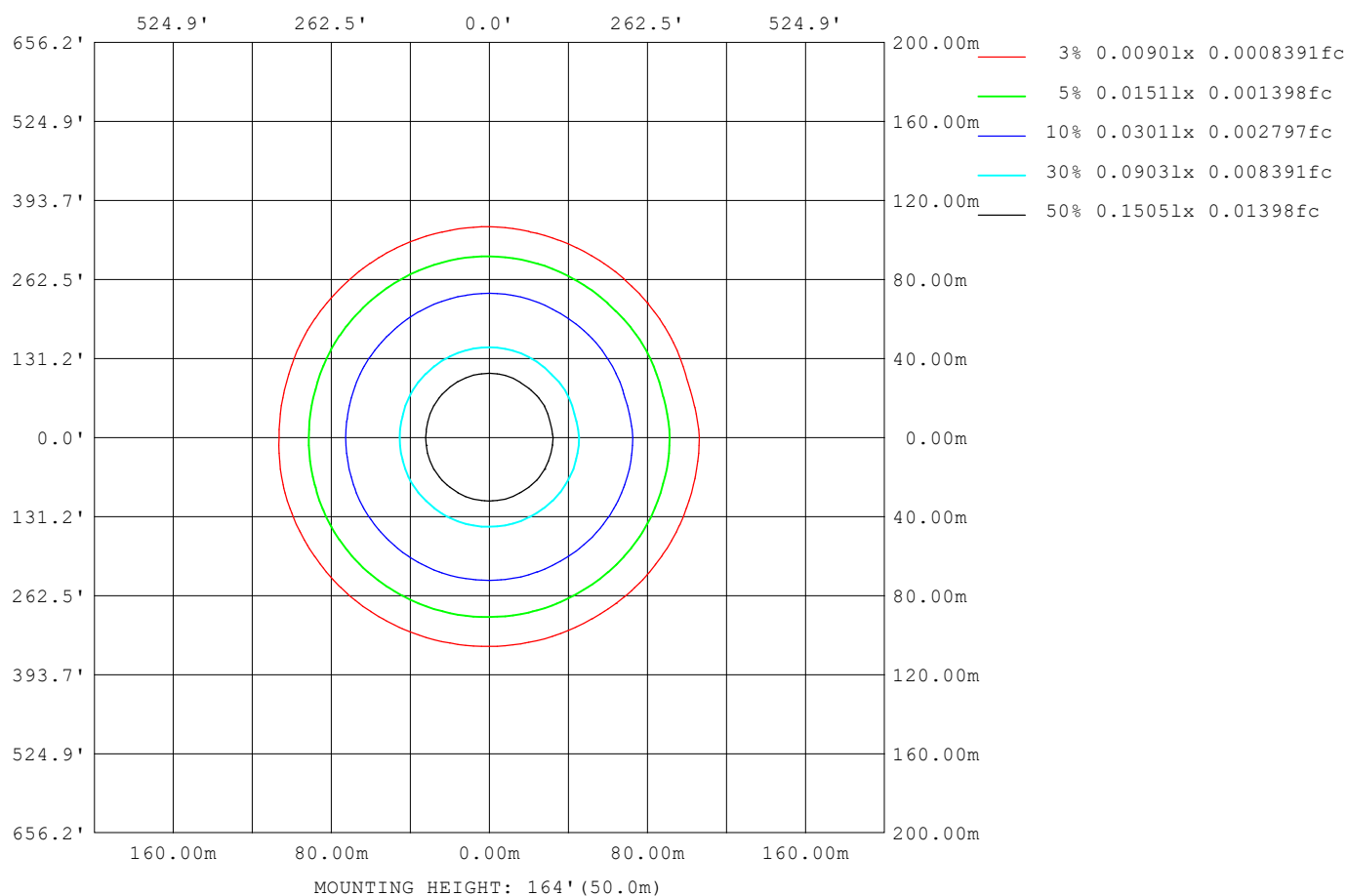
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:SENPU  
Test Date:2021-01-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:8.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

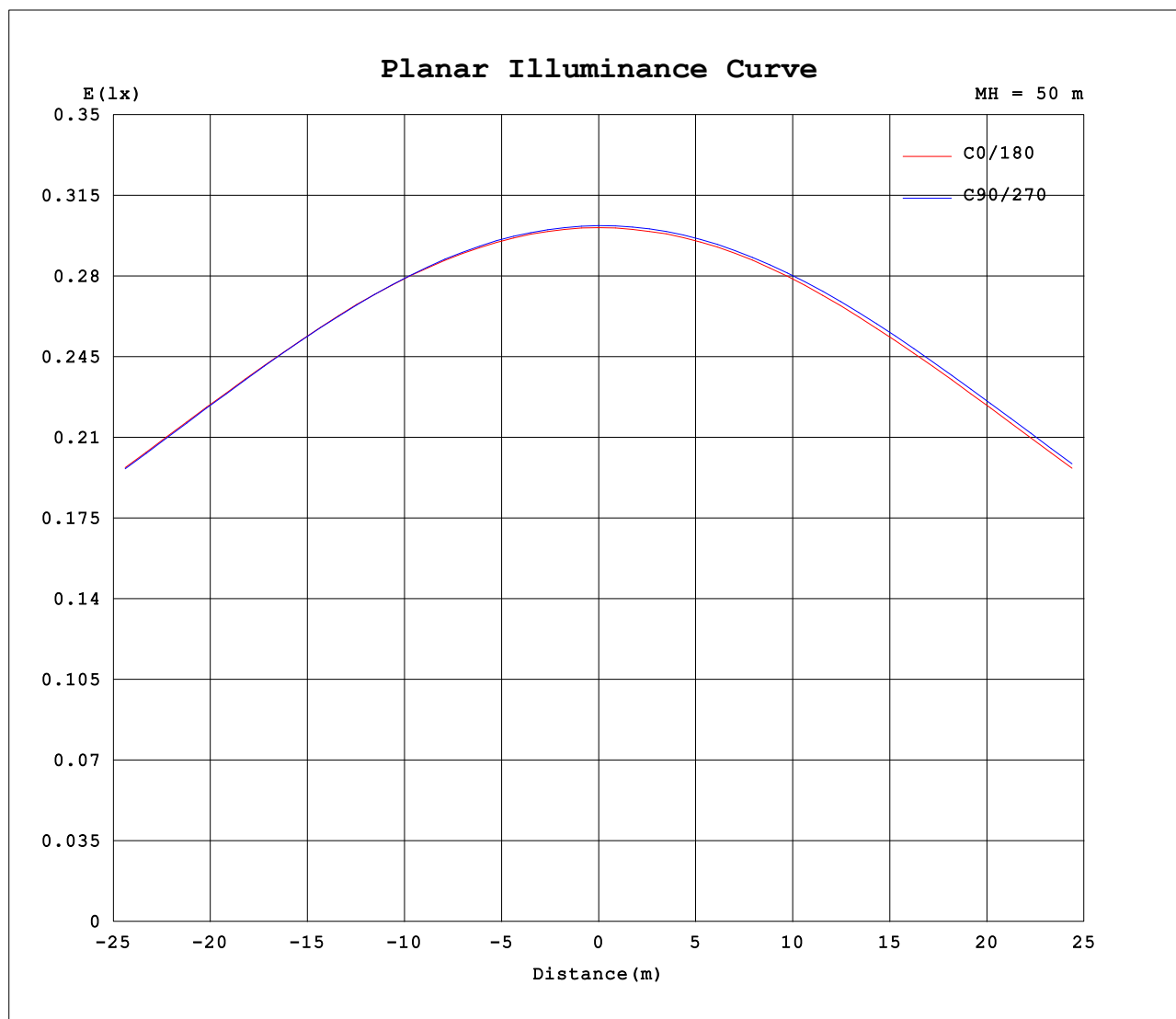
AvgL	cd/m2
L_0~180 (65) av	6876
L_0~180 (75) av	5832
L_0~180 (85) av	3539
L_90~270 (65) av	6824
L_90~270 (75) av	5747
L_90~270 (85) av	3093
L_45 (65) av	6827
L_45 (75) av	5780
L_45 (85) av	3911

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: SENPU  
Test Date: 2021-01-22

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 8.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	753	750	757	755	752	755	755	756	750	751	753	736	753	750	757	755	752	755	755
5	750	749	755	753	749	753	752	753	751	750	756	739	750	748	755	753	750	753	753
10	742	741	746	744	741	744	743	745	740	745	752	740	742	741	747	746	743	746	746
15	729	727	732	730	725	729	728	731	726	731	740	735	728	726	734	733	730	733	733
20	709	707	712	711	705	709	708	711	708	712	719	719	708	706	714	713	711	713	714
25	684	683	687	684	679	684	682	685	680	687	688	695	683	682	689	688	687	689	689
30	653	653	655	653	648	652	651	655	651	653	656	660	653	652	658	657	657	659	659
35	617	617	618	617	611	615	614	618	616	616	622	619	617	616	621	621	621	623	623
40	575	575	576	575	569	572	571	575	575	576	583	578	574	574	580	580	580	581	581
45	528	528	528	527	521	524	523	528	530	529	534	532	528	526	532	532	533	534	534
50	476	475	475	474	468	471	470	475	477	479	481	483	477	475	481	479	481	481	482
55	418	416	417	415	411	412	412	416	420	422	424	419	419	418	424	421	423	423	423
60	356	354	354	352	348	350	350	354	357	361	363	359	357	357	361	360	361	361	361
65	289	287	287	286	282	283	284	288	292	296	297	299	292	291	296	294	295	294	293
70	219	218	216	216	212	214	214	219	222	227	230	232	223	222	226	224	226	223	222
75	149	148	146	146	143	146	146	150	153	158	161	163	153	153	156	154	155	153	152
80	83.2	83.0	81.2	82.7	80.7	83.3	83.3	87.0	89.5	93.5	94.9	99.1	87.7	87.6	90.3	89.3	90.5	87.0	86.2
85	28.8	29.8	29.3	30.8	28.2	26.1	25.5	29.8	36.4	41.6	42.2	43.6	32.9	33.3	36.3	36.0	35.4	30.3	28.4
90	0.91	1.43	1.34	1.25	0.82	0.56	0.39	2.26	3.82	6.56	7.66	7.87	4.54	1.61	2.42	1.89	0.98	0.25	0.20
95	0.42	0.43	0.38	0.45	0.45	0.42	0.39	0.65	0.36	1.93	2.52	2.72	0.26	0.26	0.26	0.18	0.27	0.26	0.25
100	0.45	0.45	0.06	0.18	0.15	0.18	0.45	0.43	0.10	0.42	0.38	0.69	0.11	0.28	0.31	0.03	0.31	0.33	0.31
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:SENPU  
Test Date:2021-01-22

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:8.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.9980A P:23.952W PF:1.0000 Freq:0Hz Lamp Flux:2241.39x1 lm		
NAME: YJ-BC-12HRB-2835L-24V-G03-2765	TYPE:LED STRIP	WEIGHT:
SPEC.:Ra95	DIM.:	SERIAL No.:
MFR.: YUJI LIGHTS	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	756	750	751	753	736														
5	754	748	749	743	736														
10	746	746	742	735	736														
15	732	729	726	732	727														
20	713	707	703	718	709														
25	688	681	677	693	679														
30	658	647	646	658	643														
35	622	610	613	607	597														
40	580	572	570	565	557														
45	532	527	519	530	517														
50	479	471	467	475	464														
55	421	411	412	406	399														
60	356	350	347	354	345														
65	286	282	278	277	270														
70	216	214	209	206	199														
75	146	143	140	134	131														
80	81.7	78.0	74.8	74.9	70.0														
85	24.3	29.1	27.9	26.8	21.4														
90	0.26	1.23	2.52	2.94	2.36														
95	0.23	0.44	1.02	1.38	1.56														
100	0.25	0.31	0.33	0.42	0.85														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:SENPU  
 Test Date:2021-01-22

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:8.000m [K=1.0000]  
 Remarks: