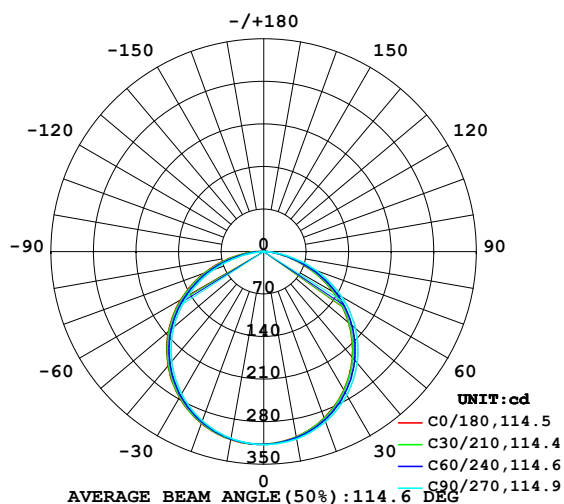


LUMINAIRE PHOTOMETRIC TEST REPORT

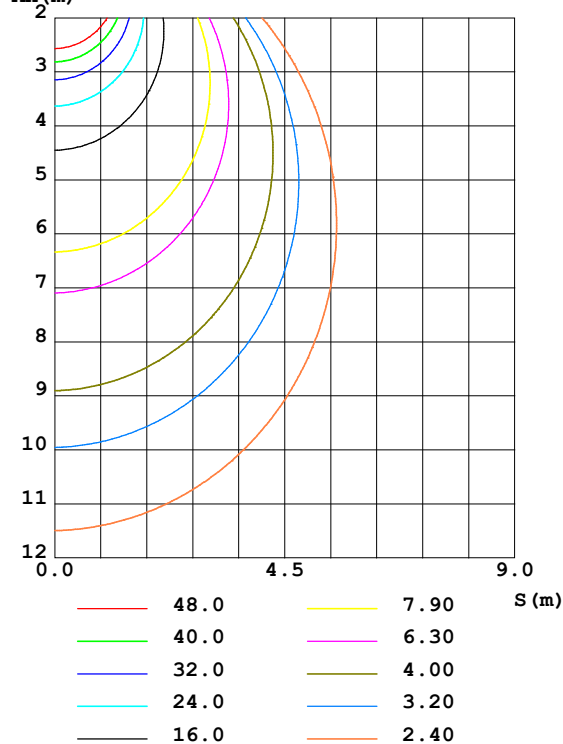
Test:U:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.30 lm/W			
MODEL	V120-12-40D4	I _{max} (cd)	318.4	S/MH (C0/180)	1.30
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	934.56	η UP, DN (C0-180)	0.2, 50.3
NOMINAL FLUX (lm)	934.558	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 49.3
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	99.6	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: 24DEG
Operators: SENPU
Test Date: 2022-02-28

γ Range: 0 - 180DEG
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:

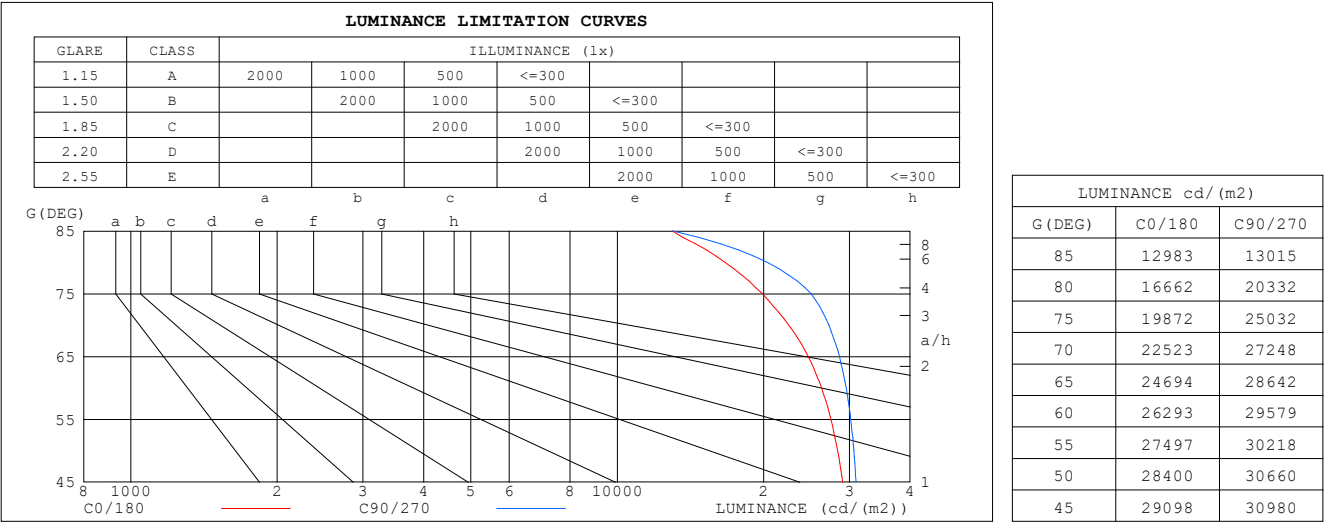
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	309.4	310.8	312.7	315.7	314.0	313.3	311.8	310.0	0- 10	30.05	30.05	3.22,3.22
20	291.3	293.9	297.7	302.9	300.5	298.8	296.0	291.5	10- 20	86.28	116.3	12.4,12.4
30	263.6	267.2	273.0	280.5	277.3	274.9	270.4	263.9	20- 30	131.4	247.7	26.5,26.5
40	227.0	231.4	239.1	248.8	244.9	241.3	235.8	226.8	30- 40	159.7	407.4	43.6,43.6
50	182.5	187.3	197.1	208.6	204.7	200.0	193.1	182.1	40- 50	167.0	574.4	61.5,61.5
60	131.5	136.8	147.9	161.2	157.1	151.9	143.3	130.9	50- 60	152.3	726.7	77.8,77.8
70	77.03	81.29	93.19	108.1	104.1	98.02	88.08	75.95	60- 70	117.0	843.7	90.3,90.3
80	28.93	29.80	35.31	53.32	49.95	43.14	29.91	26.42	70- 80	67.16	910.9	97.5,97.5
90	1.737	1.842	0.1963	12.63	12.40	6.793	0.1016	0.9133	80- 90	19.85	930.7	99.6,99.6
100	0.2392	0.2175	0.1667	0.2174	0.5763	0.1377	0.1450	0.1305	90-100	2.176	932.9	99.8,99.8
110	0.2247	0.2756	0.2102	0.2827	0.1886	0.1377	0.2174	0.1521	100-110	0.2234	933.1	99.8,99.8
120	0.3262	0.3480	0.2609	0.3407	0.2901	0.2175	0.2684	0.2463	110-120	0.2478	933.4	99.9,99.9
130	0.3696	0.4059	0.3262	0.3843	0.3625	0.2898	0.3335	0.3262	120-130	0.2844	933.6	99.9,99.9
140	0.4422	0.4350	0.3552	0.4278	0.4277	0.3263	0.3770	0.3335	130-140	0.2834	933.9	99.9,99.9
150	0.4566	0.4639	0.4349	0.4567	0.4785	0.3552	0.4059	0.3552	140-150	0.2538	934.2	100,100
160	0.4929	0.4566	0.4494	0.4567	0.5219	0.4277	0.4279	0.4349	150-160	0.2031	934.4	100,100
170	0.4059	0.4277	0.4278	0.4422	0.5144	0.4494	0.4420	0.4494	160-170	0.1281	934.5	100,100
180	0.4639	0.4494	0.4277	0.4277	0.4784	0.4494	0.3914	0.4059	170-180	0.0418	934.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 γ 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:



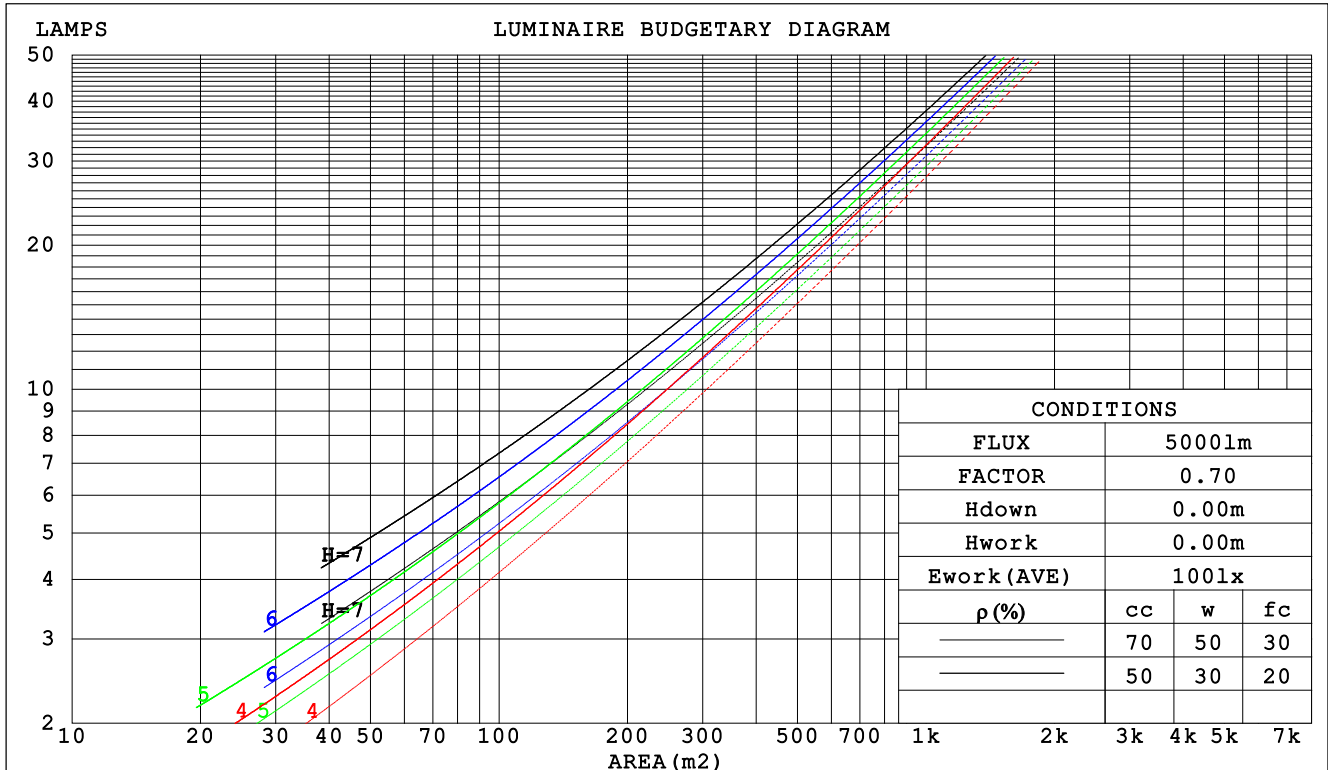
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

γ Range: 0 - 180DEG
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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.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	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.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	.36	.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	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 γ 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm					
NAME: YJ-VTC-RB-2835X-12V-G01-40			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:2022030104
MFR.:			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	.314	.179	.057	.307	.175	.056	.294	.168	.054	.281	.162	.052	.270	.156	.050		
2.0	.295	.162	.050	.288	.159	.049	.277	.154	.048	.266	.149	.047	.255	.144	.046		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.037	.228	.122	.037	.220	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.187	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.074	.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	.194	.194	.194	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.184	.159	.137	.157	.137	.118	.108	.094	.082	.062	.054	.047	.020	.018	.015	
2.0	.176	.135	.101	.151	.116	.087	.103	.080	.061	.060	.047	.036	.019	.015	.012	
3.0	.168	.118	.077	.144	.101	.067	.099	.070	.047	.057	.041	.028	.018	.013	.009	
4.0	.161	.104	.061	.138	.090	.053	.095	.063	.037	.055	.037	.022	.018	.012	.007	
5.0	.153	.094	.050	.131	.081	.044	.091	.057	.031	.052	.033	.018	.017	.011	.006	
6.0	.146	.086	.042	.125	.074	.037	.087	.052	.026	.050	.030	.015	.016	.010	.005	
7.0	.139	.079	.036	.120	.068	.032	.083	.048	.022	.048	.028	.013	.016	.009	.004	
8.0	.133	.073	.032	.114	.063	.028	.079	.044	.020	.046	.026	.012	.015	.009	.004	
9.0	.126	.068	.028	.109	.059	.025	.075	.041	.018	.044	.024	.010	.014	.008	.003	
10.0	.121	.064	.026	.104	.055	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm											
NAME: YJ-VTC-RB-2835X-12V-G01-40					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:2022030104			
MFR.:					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	24.2	25.7	24.4	25.9	26.1	24.6	26.1	24.9	26.3	26.5	
	3H	25.5	26.9	25.8	27.2	27.4	26.1	27.6	26.5	27.8	28.1
	4H	26.0	27.4	26.3	27.6	27.9	26.8	28.1	27.1	28.4	28.6
	6H	26.3	27.6	26.7	27.9	28.2	27.1	28.4	27.5	28.7	29.0
	8H	26.4	27.6	26.8	27.9	28.2	27.2	28.5	27.6	28.7	29.0
	12H	26.4	27.6	26.8	27.9	28.2	27.3	28.4	27.6	28.7	29.1
4H	2H	24.8	26.1	25.1	26.4	26.6	25.1	26.5	25.4	26.7	27.0
	3H	26.3	27.5	26.6	27.8	28.1	26.8	28.0	27.2	28.3	28.6
	4H	26.9	28.0	27.3	28.3	28.6	27.5	28.6	27.9	28.9	29.3
	6H	27.3	28.3	27.7	28.6	29.0	28.0	29.0	28.4	29.4	29.7
	8H	27.4	28.3	27.9	28.7	29.1	28.2	29.1	28.6	29.4	29.8
	12H	27.5	28.3	27.9	28.7	29.1	28.2	29.1	28.7	29.5	29.9
8H	4H	27.1	28.0	27.5	28.4	28.8	27.7	28.6	28.1	29.0	29.4
	6H	27.7	28.4	28.1	28.8	29.3	28.3	29.1	28.8	29.5	29.9
	8H	27.9	28.5	28.3	28.9	29.4	28.5	29.2	29.0	29.6	30.1
	12H	28.0	28.6	28.5	29.0	29.5	28.6	29.2	29.1	29.7	30.1
12H	4H	27.1	27.9	27.6	28.3	28.8	27.7	28.5	28.1	28.9	29.3
	6H	27.7	28.4	28.2	28.8	29.3	28.3	29.0	28.8	29.4	29.9
	8H	27.9	28.5	28.4	28.9	29.4	28.6	29.1	29.1	29.6	30.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 934.6 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

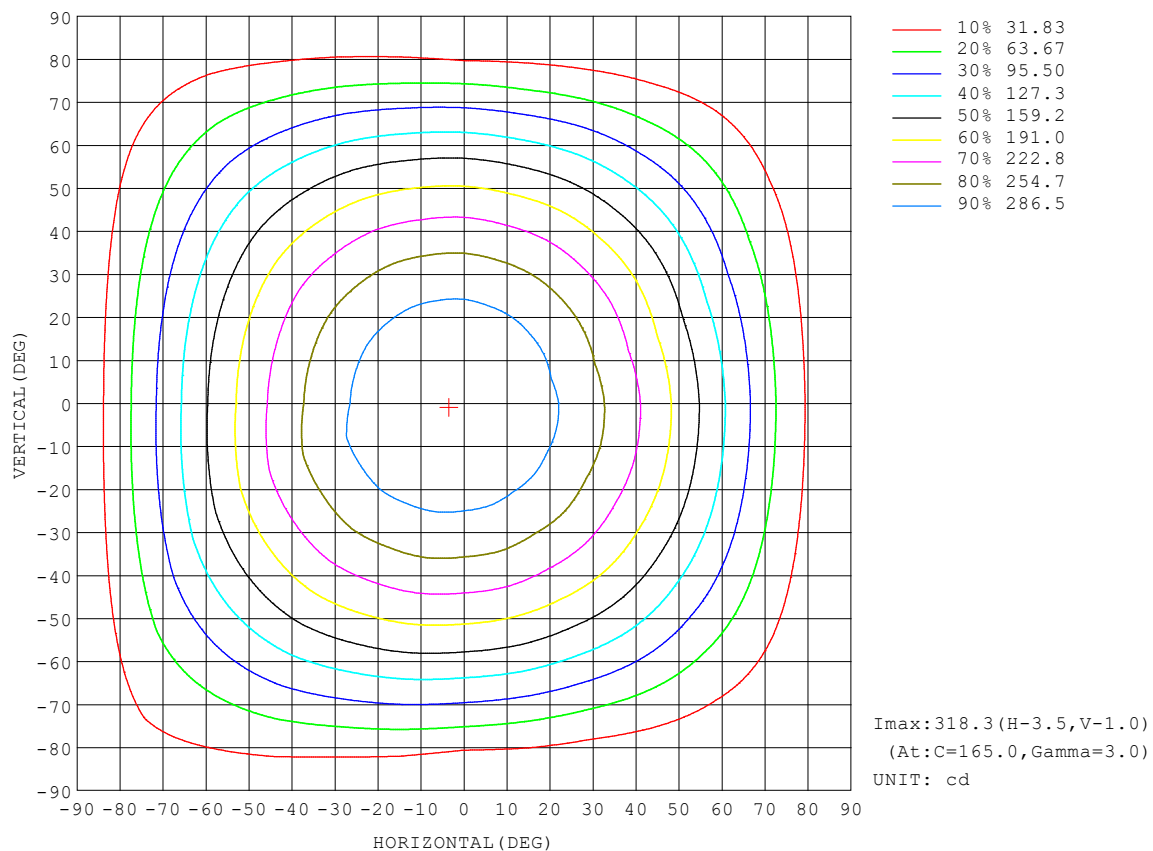
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	86	79	93	85	78	89	82	77	69
2.50	98	91	84	96	89	83	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	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: 24DEG
 Operators: SENPU
 Test Date: 2022-02-28

γ Range: 0 - 180DEG
 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

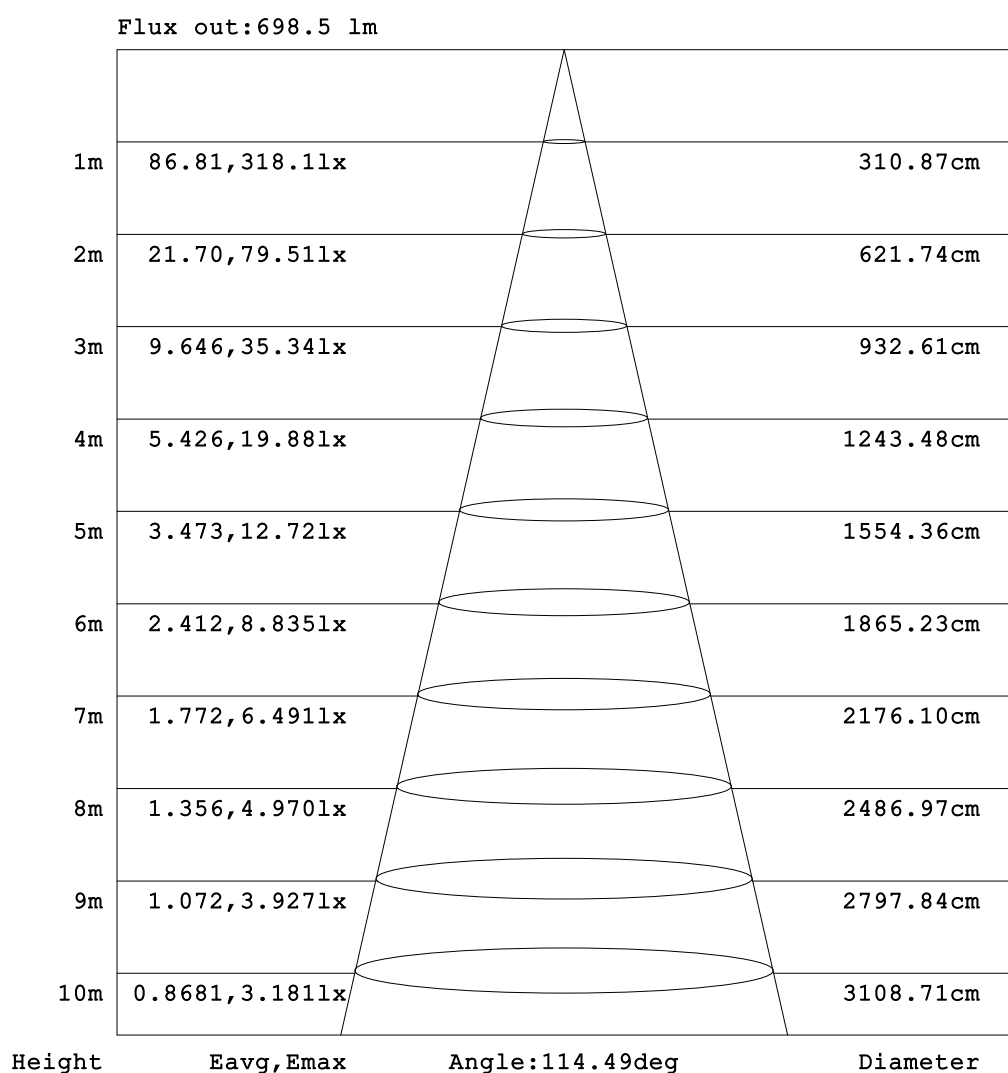


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

γ Range: 0 - 180DEG
γ 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:



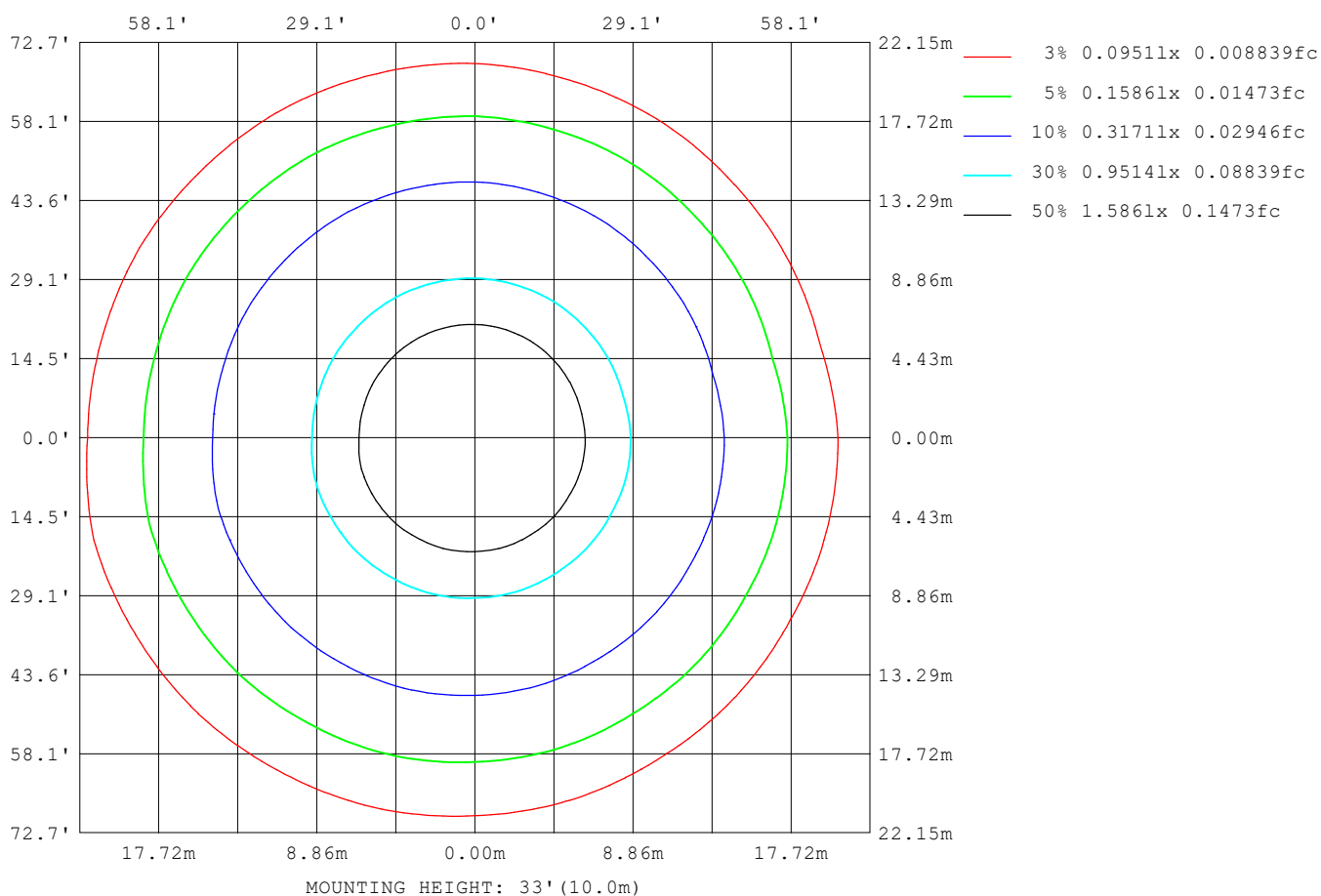
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 γ 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

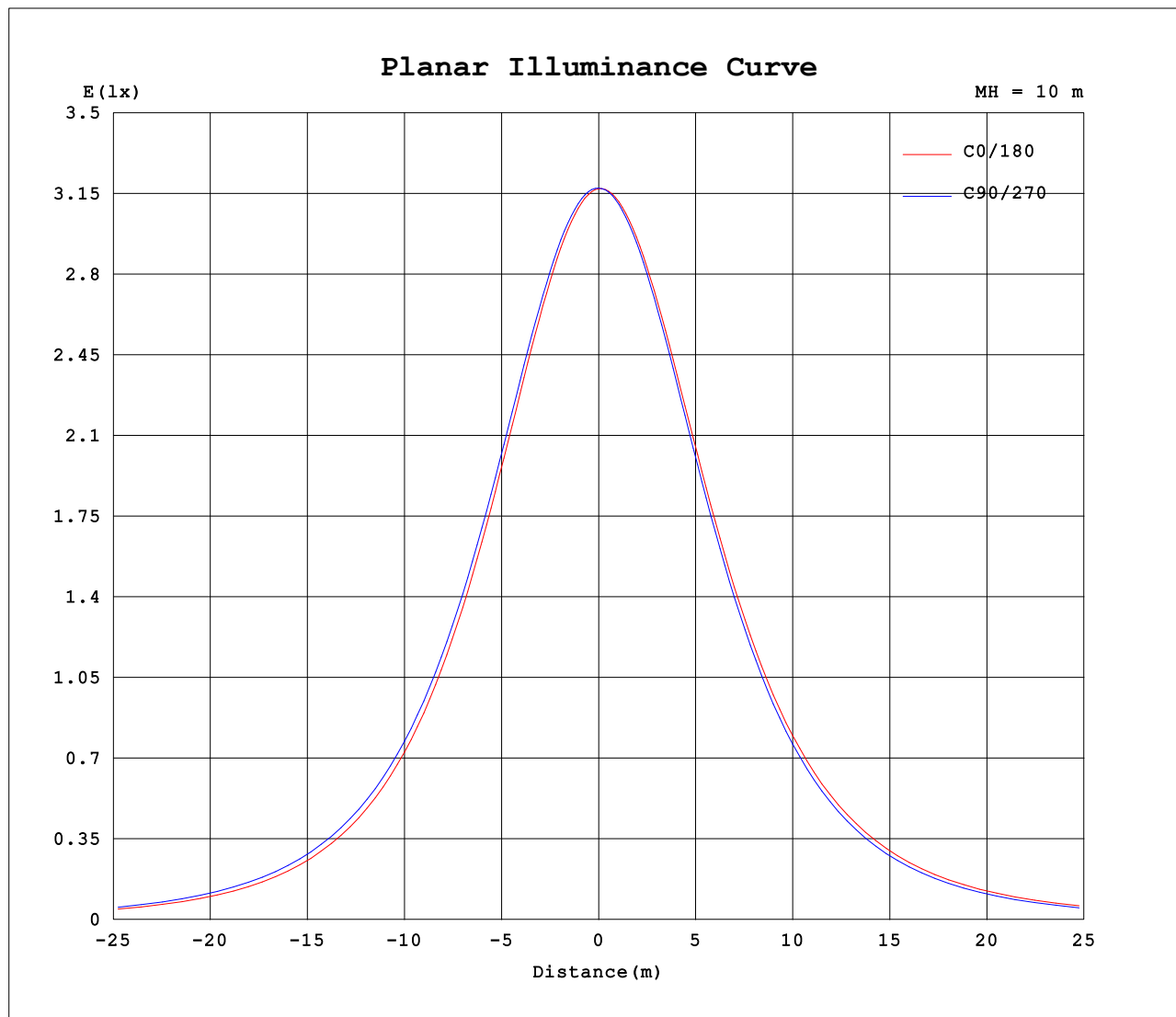
AvgL	cd/m2
L_0~180 (65) av	27872
L_0~180 (75) av	24736
L_0~180 (85) av	21972
L_90~270 (65) av	28067
L_90~270 (75) av	23936
L_90~270 (85) av	10819
L_45 (65) av	28021
L_45 (75) av	24526
L_45 (85) av	20138

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

γ Range: 0 - 180DEG
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: 24DEG
Operators: SENPU
Test Date: 2022-02-28

γ Range: 0 - 180DEG
 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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	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	317	317	317	317	317	318	317	318	317	318	318	318	317	317	317	317	317	318	317
5	315	315	315	315	315	316	316	317	317	318	318	318	317	317	317	317	316	316	316
10	309	310	310	311	311	312	313	314	314	316	316	316	314	314	314	313	313	313	312
15	302	302	302	304	304	306	306	308	309	311	311	311	309	308	308	307	307	306	305
20	291	292	292	294	295	297	298	300	301	303	303	304	301	300	300	299	298	297	296
25	279	279	280	281	283	285	286	289	290	293	293	294	290	289	289	288	287	286	284
30	264	265	265	267	268	272	273	276	278	281	281	282	277	277	276	275	274	272	270
35	246	248	248	251	252	256	257	261	262	266	266	268	262	261	261	259	258	256	254
40	227	228	228	231	233	237	239	243	245	249	249	251	245	244	243	241	240	237	236
45	206	207	207	210	212	217	219	223	226	230	231	232	226	224	224	221	220	217	215
50	183	184	184	187	190	194	197	202	204	209	210	212	205	203	203	200	199	195	193
55	158	159	159	163	165	170	173	178	181	186	187	189	182	180	180	177	175	172	169
60	131	133	133	137	139	144	148	153	157	161	163	165	157	156	155	152	150	146	143
65	104	105	106	109	112	117	121	127	131	135	137	139	131	130	129	125	123	119	116
70	77.0	77.9	78.2	81.3	83.7	89.1	93.2	99.1	103	108	110	113	104	103	101	98.0	95.7	91.2	88.1
75	51.4	51.9	51.5	53.9	55.8	60.7	64.8	70.9	75.2	80.4	82.7	85.0	76.6	75.1	73.8	70.2	67.5	63.0	59.1
80	28.9	29.5	28.6	29.8	30.2	34.1	35.3	43.5	47.9	53.3	55.5	58.2	49.9	48.3	47.0	43.1	40.4	35.9	29.9
85	11.3	11.7	11.1	11.5	11.1	12.3	11.3	19.9	24.1	29.2	31.6	34.0	27.0	25.6	23.9	20.4	17.5	13.7	7.52
90	1.74	1.94	1.77	1.84	1.30	1.27	0.20	1.57	8.16	12.6	15.3	17.3	12.4	11.4	9.69	6.79	4.12	1.39	0.10
95	0.34	0.25	0.28	0.20	0.21	0.17	0.17	0.18	1.96	4.90	7.34	9.01	5.68	5.08	3.71	1.41	0.12	0.12	0.12
100	0.24	0.22	0.22	0.22	0.20	0.21	0.17	0.22	0.20	0.22	1.13	2.66	0.58	0.42	0.15	0.14	0.15	0.12	0.14
105	0.22	0.27	0.22	0.25	0.21	0.25	0.21	0.25	0.21	0.23	0.22	0.23	0.16	0.14	0.17	0.14	0.17	0.12	0.17
110	0.22	0.28	0.22	0.28	0.22	0.26	0.21	0.28	0.21	0.28	0.22	0.27	0.19	0.14	0.20	0.14	0.20	0.13	0.22
115	0.30	0.33	0.26	0.32	0.28	0.30	0.23	0.30	0.23	0.31	0.22	0.30	0.23	0.17	0.22	0.22	0.23	0.20	0.24
120	0.33	0.34	0.34	0.35	0.30	0.33	0.26	0.33	0.25	0.34	0.28	0.34	0.29	0.22	0.28	0.22	0.28	0.21	0.27
125	0.34	0.39	0.33	0.38	0.33	0.36	0.33	0.36	0.31	0.37	0.33	0.36	0.33	0.25	0.32	0.25	0.30	0.24	0.33
130	0.37	0.41	0.34	0.41	0.33	0.38	0.33	0.38	0.33	0.38	0.33	0.39	0.36	0.30	0.34	0.29	0.33	0.26	0.33
135	0.41	0.44	0.38	0.42	0.34	0.39	0.33	0.40	0.33	0.42	0.34	0.42	0.41	0.34	0.37	0.32	0.36	0.30	0.36
140	0.44	0.46	0.40	0.44	0.36	0.41	0.36	0.43	0.36	0.43	0.37	0.45	0.43	0.33	0.40	0.33	0.36	0.33	0.38
145	0.44	0.46	0.45	0.45	0.38	0.43	0.42	0.43	0.41	0.45	0.39	0.46	0.45	0.36	0.41	0.35	0.37	0.33	0.41
150	0.46	0.46	0.45	0.46	0.44	0.44	0.43	0.45	0.45	0.46	0.44	0.46	0.48	0.38	0.43	0.36	0.42	0.34	0.41
155	0.47	0.46	0.45	0.46	0.46	0.46	0.45	0.46	0.46	0.46	0.45	0.45	0.50	0.44	0.44	0.38	0.44	0.37	0.42
160	0.49	0.46	0.45	0.46	0.46	0.46	0.45	0.44	0.47	0.46	0.45	0.45	0.52	0.46	0.46	0.43	0.44	0.41	0.43
165	0.49	0.46	0.46	0.45	0.46	0.45	0.45	0.44	0.46	0.45	0.46	0.44	0.52	0.45	0.46	0.44	0.46	0.43	0.45
170	0.41	0.46	0.46	0.43	0.44	0.40	0.43	0.40	0.43	0.44	0.44	0.37	0.51	0.45	0.46	0.45	0.46	0.46	0.44
175	0.41	0.46	0.46	0.43	0.43	0.41	0.43	0.40	0.43	0.43	0.44	0.39	0.48	0.46	0.46	0.46	0.44	0.46	0.42
180	0.46	0.46	0.46	0.45	0.42	0.41	0.43	0.41	0.41	0.43	0.44	0.42	0.48	0.46	0.46	0.45	0.41	0.43	0.39

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

γ Range: 0 - 180DEG
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:12.000V I:1.3360A P:16.030W PF:1.0000 Freq:0Hz Lamp Flux:934.558x1 lm		
NAME: YJ-VTC-RB-2835X-12V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030104
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	318	317	318	318	318														
5	316	315	315	315	315														
10	311	310	310	309	309														
15	304	303	302	301	300														
20	294	293	291	291	289														
25	282	281	279	277	276														
30	268	266	264	262	260														
35	251	249	246	245	242														
40	232	230	227	225	222														
45	211	209	205	204	200														
50	189	186	182	180	177														
55	165	162	158	155	152														
60	139	136	131	129	125														
65	111	108	104	101	98.2														
70	83.1	80.2	75.9	74.2	71.6														
75	55.1	52.6	49.5	48.7	47.0														
80	29.1	28.0	26.4	26.5	25.3														
85	9.47	9.66	9.10	9.42	8.77														
90	0.52	0.86	0.91	1.07	0.90														
95	0.13	0.14	0.17	0.16	0.19														
100	0.13	0.17	0.13	0.16	0.16														
105	0.13	0.19	0.13	0.20	0.16														
110	0.15	0.21	0.15	0.22	0.19														
115	0.20	0.25	0.21	0.25	0.23														
120	0.22	0.30	0.25	0.30	0.24														
125	0.25	0.32	0.28	0.34	0.30														
130	0.26	0.34	0.33	0.37	0.33														
135	0.33	0.36	0.33	0.38	0.33														
140	0.33	0.38	0.33	0.40	0.36														
145	0.33	0.39	0.34	0.41	0.41														
150	0.34	0.41	0.36	0.41	0.44														
155	0.36	0.42	0.38	0.45	0.46														
160	0.41	0.44	0.43	0.46	0.46														
165	0.44	0.46	0.44	0.46	0.46														
170	0.45	0.46	0.45	0.46	0.46														
175	0.45	0.41	0.44	0.41	0.46														
180	0.41	0.40	0.41	0.39	0.41														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24DEG
 Operators:SENPU
 Test Date:2022-02-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: