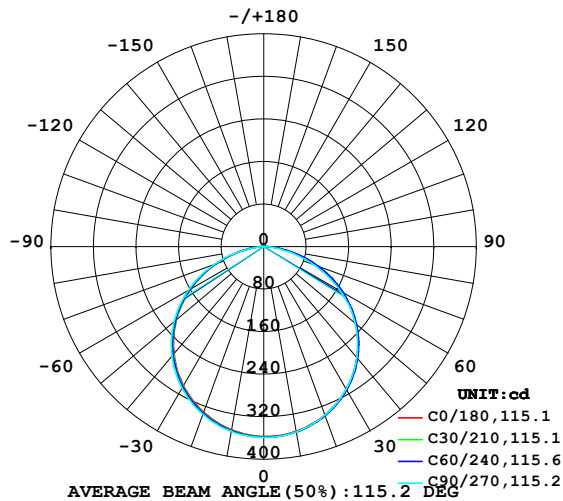


LUMINAIRE PHOTOMETRIC TEST REPORT

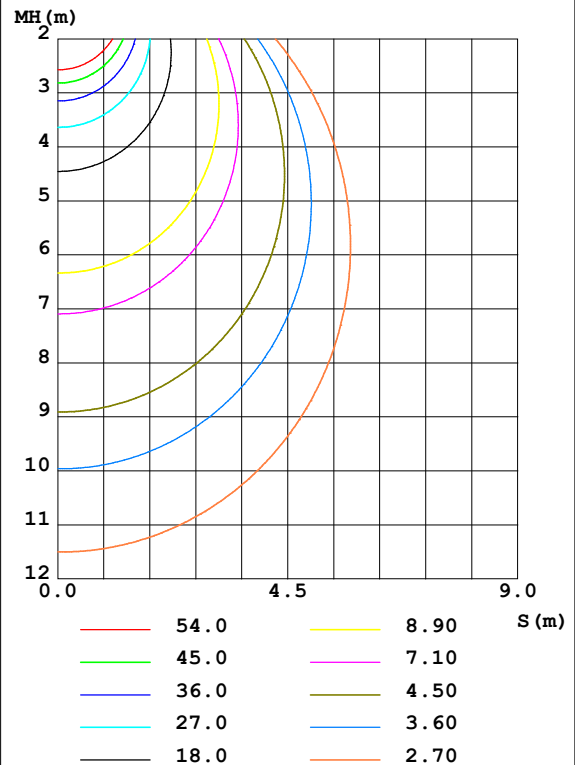
Test:U:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.15 lm/W			
MODEL	V120-24-56B10	I _{max} (cd)	360.0	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1053.1	η UP, DN (C0-180)	0.1, 50.6
NOMINAL FLUX (lm)	1053.15	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.1
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	24	η down (%)	99.8	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: 25.8DEG
 Operators: SENPU
 Test Date: 2022-03-03

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:

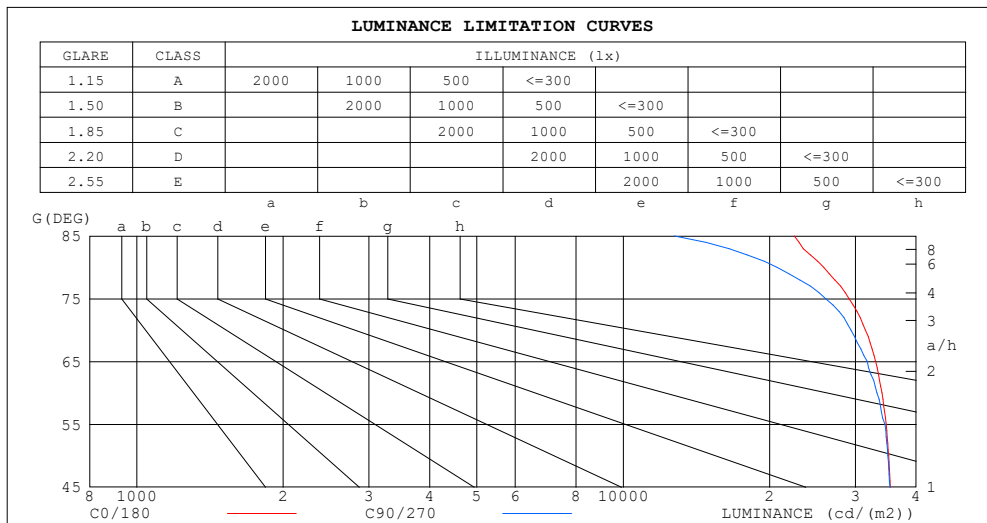
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	352.8	353.8	353.8	353.1	349.8	350.8	352.8	354.0	0- 10	33.96	33.96	3.22,3.22
20	336.9	338.0	337.3	335.7	331.2	332.3	335.5	336.9	10- 20	97.61	131.6	12.5,12.5
30	310.1	311.3	310.0	307.7	302.0	303.6	307.2	309.4	20- 30	149.0	280.5	26.6,26.6
40	272.8	274.1	272.3	269.4	262.7	264.0	268.5	270.8	30- 40	181.4	462.0	43.9,43.9
50	225.9	227.0	225.0	221.4	214.5	215.2	220.2	222.6	40- 50	190.3	652.3	61.9,61.9
60	170.2	171.1	166.0	165.3	157.9	158.5	163.1	166.1	50- 60	173.7	825.9	78.4,78.4
70	107.7	108.4	100.6	102.6	95.48	95.62	99.55	102.7	60- 70	132.5	958.5	91,91
80	44.88	45.37	35.98	40.33	34.71	34.19	33.51	39.30	70- 80	73.89	1032	98,98
90	3.453	3.836	0.2192	2.689	2.797	2.037	0.1160	2.127	80- 90	18.43	1051	99.8,99.8
100	0.2611	0.2464	0.2246	0.2610	0.1957	0.1812	0.1451	0.1812	90-100	0.6154	1051	99.8,99.8
110	0.2610	0.2828	0.2319	0.3118	0.2829	0.1958	0.2176	0.2102	100-110	0.2412	1052	99.9,99.9
120	0.3190	0.3625	0.3115	0.3915	0.3843	0.2247	0.2682	0.2318	110-120	0.2751	1052	99.9,99.9
130	0.4135	0.4132	0.3478	0.4350	0.4204	0.2753	0.3335	0.3117	120-130	0.2976	1052	99.9,99.9
140	0.4422	0.4423	0.4058	0.4639	0.4349	0.3262	0.3770	0.3335	130-140	0.2962	1053	99.9,99.9
150	0.4713	0.4567	0.4422	0.4567	0.4784	0.3624	0.4135	0.3407	140-150	0.2588	1053	100,100
160	0.4857	0.4422	0.4494	0.4567	0.5220	0.4349	0.4567	0.4059	150-160	0.2039	1053	100,100
170	0.3987	0.4421	0.4423	0.4494	0.5509	0.4494	0.4567	0.4567	160-170	0.1286	1053	100,100
180	0.4567	0.4567	0.4204	0.4494	0.5074	0.4639	0.4422	0.4422	170-180	0.0428	1053	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:



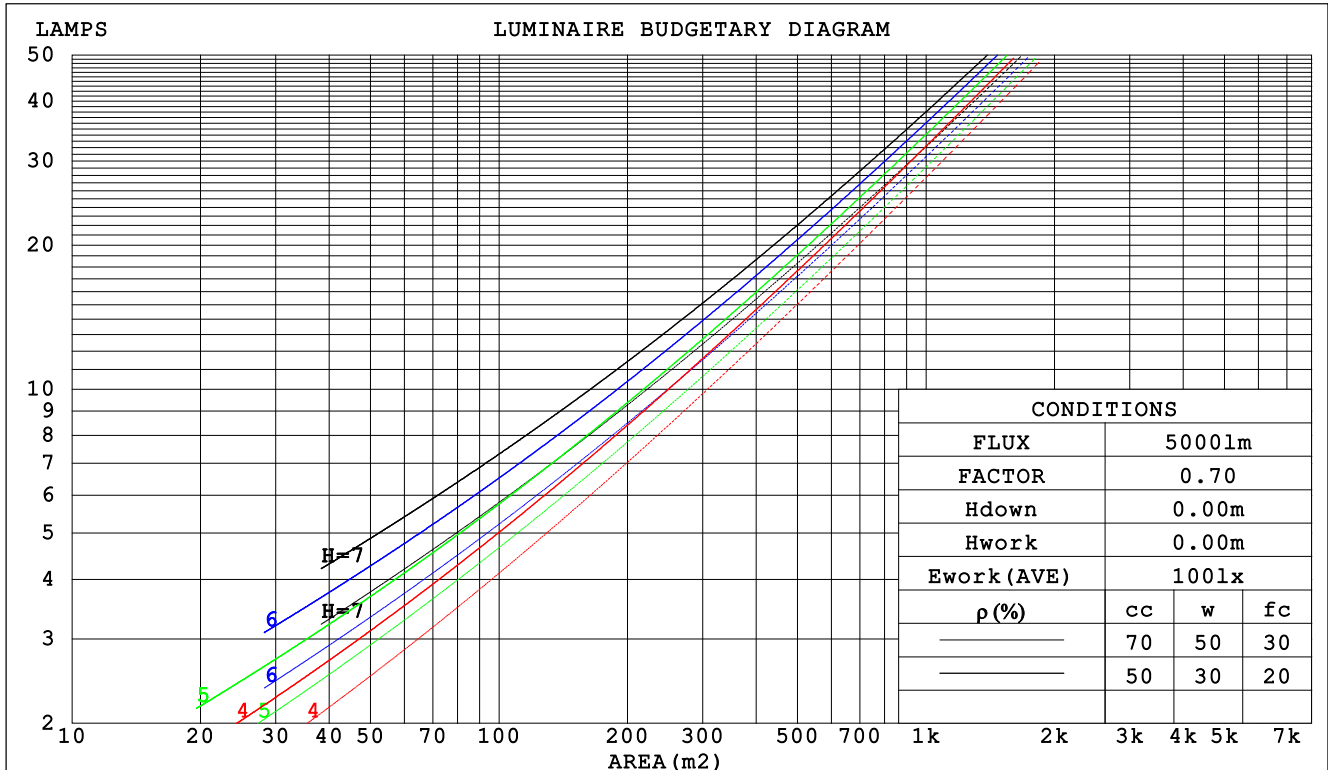
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.8DEG
Operators:SENPU
Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
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	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.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	.41	.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	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm					
NAME: YJ-VTC-RB-2835-24V-G01-56			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:2022030502
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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050		
2.0	.293	.160	.049	.286	.158	.049	.274	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.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	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.214	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.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	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.136	.156	.135	.117	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.134	.100	.149	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.076	.143	.100	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.136	.089	.052	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.151	.092	.049	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.041	.124	.073	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.137	.077	.035	.118	.067	.030	.082	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.030	.113	.062	.026	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.027	.108	.058	.023	.075	.041	.017	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.103	.054	.021	.071	.038	.015	.042	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm										
NAME: YJ-VTC-RB-2835-24V-G01-56					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:2022030502		
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	25.4	26.9	25.6	27.1	27.3	25.3	26.9	25.6	27.1	27.3
3H	27.0	28.4	27.3	28.6	28.8	26.9	28.3	27.2	28.5	28.8
4H	27.6	28.9	27.9	29.2	29.4	27.4	28.8	27.7	29.0	29.3
6H	28.0	29.3	28.4	29.6	29.8	27.8	29.0	28.1	29.3	29.6
8H	28.2	29.4	28.5	29.7	30.0	27.9	29.1	28.2	29.4	29.7
12H	28.2	29.4	28.6	29.7	30.0	27.9	29.0	28.2	29.3	29.7
4H 2H	26.0	27.3	26.3	27.6	27.9	26.0	27.3	26.3	27.6	27.8
3H	27.8	28.9	28.1	29.2	29.6	27.7	28.9	28.1	29.2	29.5
4H	28.5	29.6	28.9	29.9	30.3	28.4	29.5	28.8	29.8	30.2
6H	29.1	30.0	29.5	30.4	30.8	28.9	29.9	29.3	30.2	30.6
8H	29.3	30.2	29.7	30.5	30.9	29.1	29.9	29.5	30.3	30.7
12H	29.4	30.2	29.8	30.6	31.0	29.1	29.9	29.5	30.3	30.7
8H 4H	28.8	29.7	29.2	30.1	30.4	28.7	29.6	29.1	30.0	30.4
6H	29.5	30.2	30.0	30.7	31.1	29.4	30.1	29.8	30.5	31.0
8H	29.8	30.4	30.2	30.9	31.3	29.6	30.3	30.1	30.7	31.1
12H	30.0	30.5	30.5	31.0	31.5	29.7	30.3	30.2	30.8	31.2
12H 4H	28.8	29.6	29.2	30.0	30.4	28.7	29.5	29.2	29.9	30.3
6H	29.6	30.2	30.0	30.6	31.1	29.4	30.1	29.9	30.5	31.0
8H	29.9	30.4	30.4	30.9	31.4	29.7	30.3	30.2	30.7	31.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 1053 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:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:

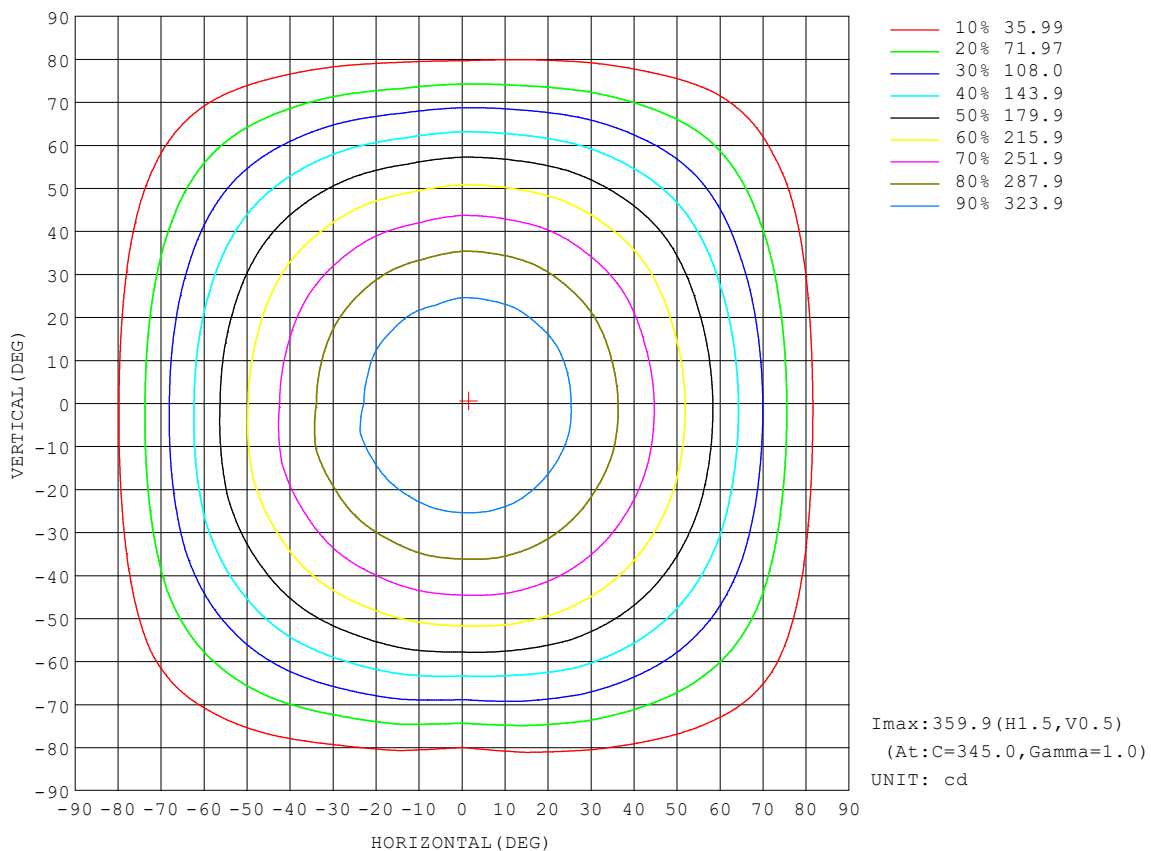
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	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	99	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: 25.8DEG
 Operators: SENPU
 Test Date: 2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:

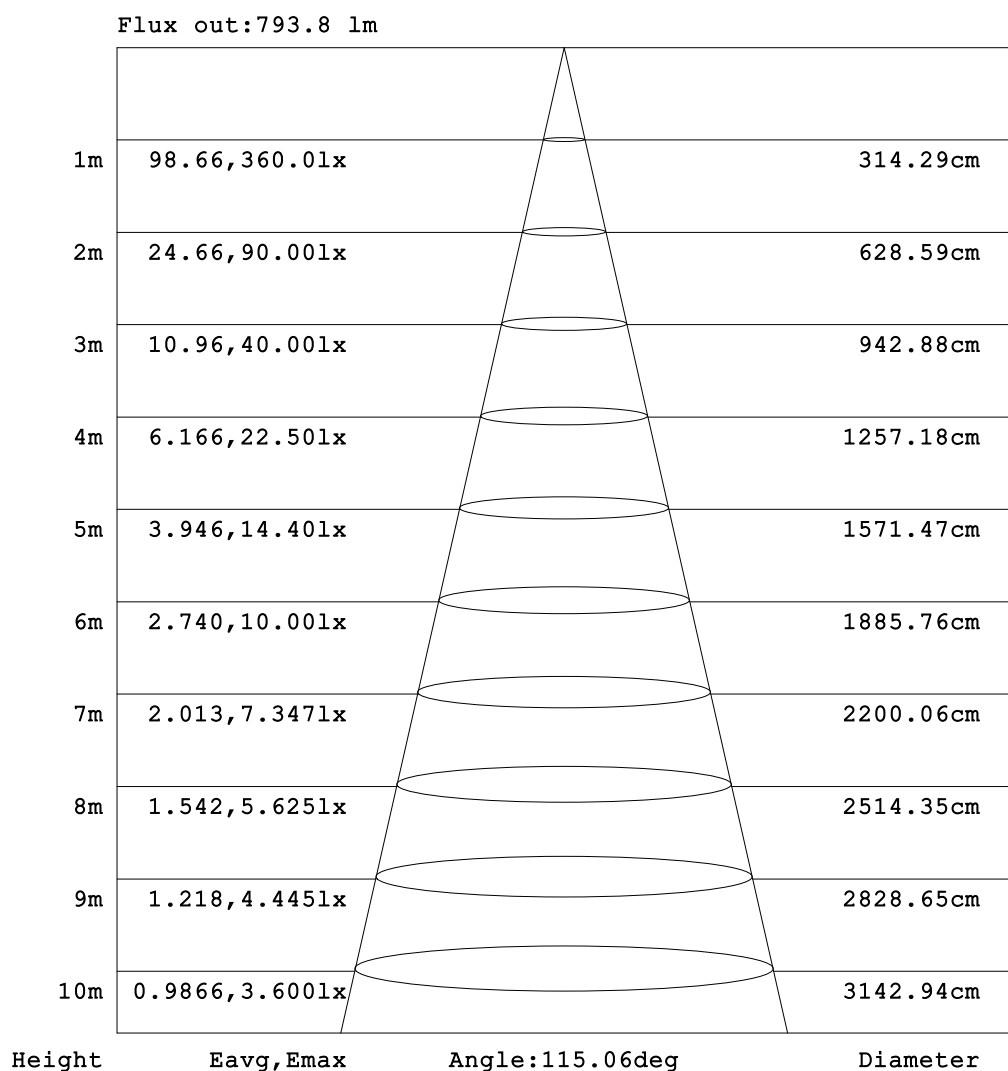


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.8DEG
Operators:SENPU
Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:



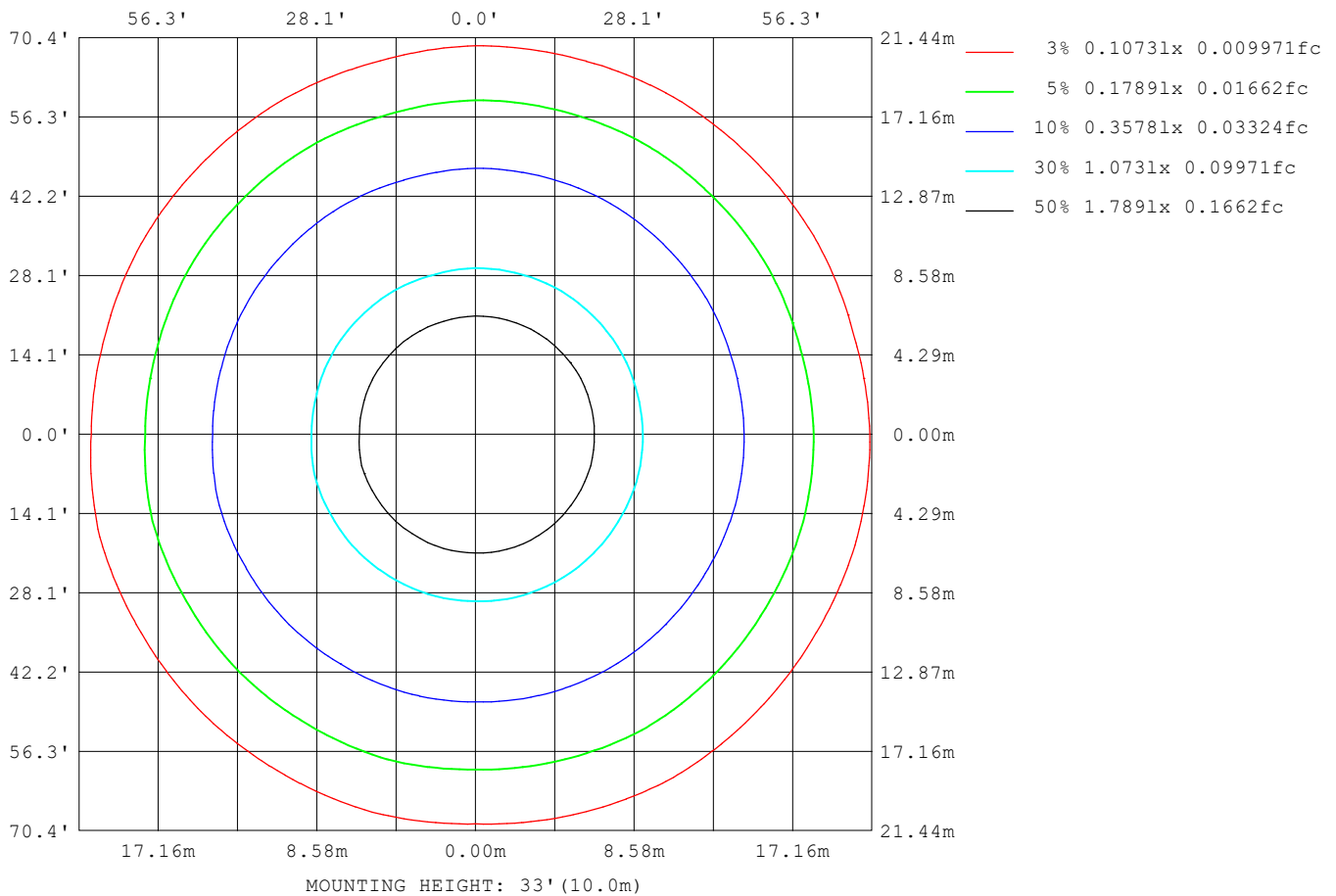
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.8DEG
 Operators: SENPU
 Test Date: 2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:

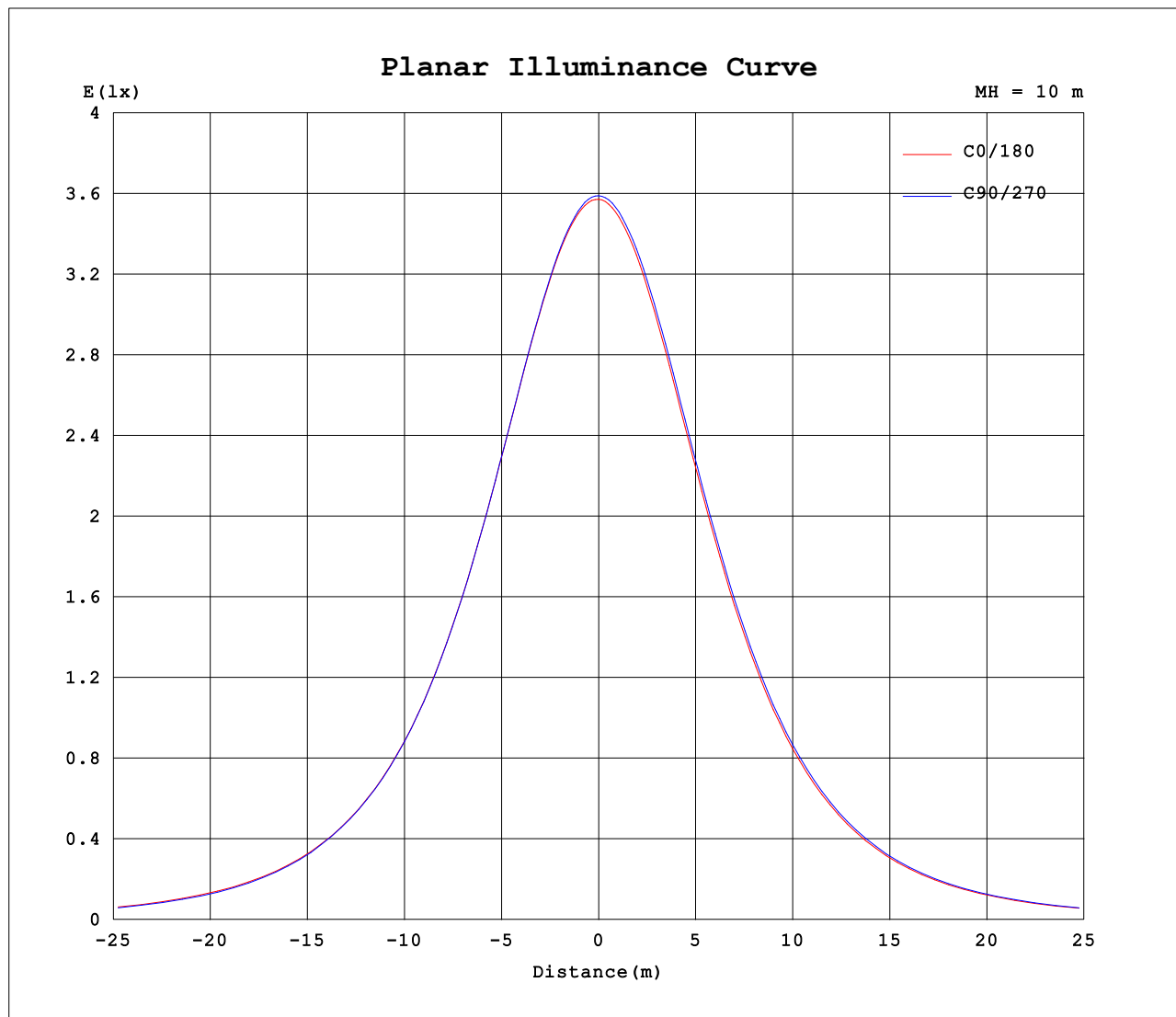
AvgL	cd/m2
L_0~180 (65) av	31571
L_0~180 (75) av	26935
L_0~180 (85) av	18211
L_90~270 (65) av	31475
L_90~270 (75) av	25872
L_90~270 (85) av	10958
L_45 (65) av	31798
L_45 (75) av	27084
L_45 (85) av	17740

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.8DEG
Operators:SENPU
Test Date:2022-03-03

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: 25.8DEG
Operators: SENPU
Test Date: 2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
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	357	358	358	358	358	358	359	359	359	359	359	360	357	358	358	358	358	358	359
5	356	357	357	357	358	357	358	358	357	358	358	358	355	355	356	356	356	356	357
10	353	354	354	354	354	354	354	354	353	353	353	354	350	350	351	351	352	351	353
15	346	347	347	347	348	347	347	347	346	346	345	346	342	342	343	343	344	344	346
20	337	338	338	338	338	338	337	337	336	336	335	336	331	331	333	332	334	333	335
25	325	326	326	326	326	326	325	324	323	323	322	323	318	318	319	319	320	320	323
30	310	312	311	311	312	312	310	310	308	308	307	308	302	302	303	304	305	304	307
35	293	294	293	294	295	295	292	292	290	290	288	289	284	284	285	285	286	286	289
40	273	274	273	274	275	275	272	272	270	269	268	269	263	263	264	264	266	265	269
45	250	252	251	252	253	253	250	249	247	247	245	246	240	239	241	241	242	242	245
50	226	227	226	227	228	228	225	224	222	221	220	221	215	214	215	215	217	216	220
55	199	200	199	200	201	201	198	197	195	194	193	193	187	186	188	188	190	189	193
60	170	172	170	171	173	169	166	168	166	165	163	164	158	157	159	158	160	159	163
65	140	141	140	140	142	138	134	136	135	135	133	134	127	126	128	128	129	128	132
70	108	109	108	108	110	107	101	105	103	103	101	102	95.5	94.5	95.7	95.6	96.7	95.7	99.6
75	75.4	76.8	75.4	76.0	77.6	74.6	67.4	72.6	70.7	70.5	68.9	69.7	64.0	62.7	63.9	63.7	64.6	63.5	66.5
80	44.9	46.1	44.7	45.4	46.4	44.3	36.0	41.9	40.3	40.3	38.8	39.7	34.7	33.6	34.5	34.2	34.9	33.7	33.5
85	19.6	20.5	19.4	19.6	19.9	18.2	11.1	16.7	15.6	15.8	14.8	15.4	12.2	11.5	12.0	11.7	11.9	10.9	8.00
90	3.45	4.00	3.75	3.84	3.43	2.49	0.22	1.95	2.47	2.69	2.62	2.86	2.80	2.65	2.51	2.04	1.31	0.59	0.12
95	0.37	0.31	0.36	0.30	0.33	0.22	0.20	0.22	0.29	0.30	0.38	0.33	0.35	0.43	0.32	0.28	0.17	0.17	0.12
100	0.26	0.25	0.25	0.25	0.22	0.24	0.22	0.25	0.25	0.26	0.28	0.27	0.20	0.19	0.18	0.18	0.19	0.17	0.15
105	0.26	0.28	0.25	0.25	0.22	0.25	0.22	0.27	0.25	0.28	0.26	0.28	0.24	0.19	0.21	0.19	0.21	0.17	0.20
110	0.26	0.32	0.25	0.28	0.24	0.28	0.23	0.30	0.25	0.31	0.30	0.30	0.28	0.20	0.23	0.20	0.24	0.19	0.22
115	0.27	0.35	0.25	0.32	0.33	0.32	0.26	0.33	0.32	0.36	0.31	0.35	0.34	0.22	0.26	0.20	0.26	0.20	0.26
120	0.32	0.38	0.32	0.36	0.32	0.35	0.31	0.36	0.33	0.39	0.32	0.37	0.38	0.23	0.28	0.22	0.28	0.21	0.27
125	0.35	0.40	0.34	0.39	0.34	0.37	0.33	0.39	0.33	0.41	0.33	0.41	0.42	0.33	0.32	0.24	0.30	0.22	0.30
130	0.41	0.44	0.35	0.41	0.34	0.39	0.35	0.41	0.36	0.44	0.36	0.43	0.42	0.33	0.35	0.28	0.33	0.33	0.33
135	0.44	0.46	0.41	0.44	0.35	0.41	0.38	0.42	0.38	0.46	0.40	0.46	0.40	0.34	0.37	0.32	0.35	0.33	0.36
140	0.44	0.46	0.42	0.44	0.38	0.43	0.41	0.44	0.43	0.46	0.43	0.46	0.43	0.34	0.40	0.33	0.38	0.35	0.38
145	0.46	0.46	0.45	0.46	0.41	0.46	0.43	0.45	0.45	0.46	0.44	0.46	0.44	0.36	0.41	0.33	0.39	0.34	0.40
150	0.47	0.46	0.45	0.46	0.46	0.46	0.44	0.45	0.45	0.46	0.45	0.45	0.48	0.41	0.44	0.36	0.42	0.35	0.41
155	0.48	0.46	0.45	0.45	0.46	0.46	0.45	0.45	0.46	0.46	0.45	0.45	0.50	0.46	0.46	0.41	0.43	0.37	0.45
160	0.49	0.46	0.45	0.44	0.46	0.45	0.45	0.44	0.46	0.46	0.45	0.45	0.52	0.46	0.46	0.43	0.45	0.44	0.46
165	0.47	0.46	0.46	0.44	0.46	0.44	0.45	0.44	0.46	0.45	0.45	0.43	0.54	0.46	0.46	0.45	0.46	0.44	0.46
170	0.40	0.46	0.45	0.44	0.44	0.41	0.44	0.41	0.46	0.45	0.46	0.41	0.55	0.46	0.46	0.45	0.46	0.45	0.46
175	0.40	0.46	0.45	0.43	0.43	0.41	0.43	0.41	0.46	0.44	0.46	0.41	0.54	0.46	0.46	0.48	0.45	0.45	0.46
180	0.46	0.46	0.46	0.46	0.43	0.44	0.42	0.44	0.44	0.45	0.43	0.44	0.51	0.46	0.46	0.46	0.44	0.46	0.44

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.8DEG
Operators:SENPU
Test Date:2022-03-03

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:24.000V I:0.7060A P:16.944W PF:1.0000 Freq:0Hz Lamp Flux:1053.15x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-56	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030502
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	359	359	359	359	360														
5	357	358	358	358	359														
10	353	354	354	355	355														
15	346	347	347	348	348														
20	336	337	337	338	338														
25	323	324	324	325	325														
30	308	309	309	310	310														
35	290	291	291	293	292														
40	269	271	271	272	271														
45	246	248	248	249	248														
50	221	223	223	224	223														
55	193	196	196	197	196														
60	164	166	166	168	167														
65	133	135	135	137	135														
70	100	103	103	104	103														
75	67.6	70.1	70.1	71.7	70.6														
80	37.1	39.4	39.3	40.8	39.9														
85	13.0	14.7	14.7	15.9	15.3														
90	0.77	1.66	2.13	2.43	2.16														
95	0.16	0.17	0.23	0.21	0.26														
100	0.15	0.19	0.18	0.19	0.19														
105	0.15	0.21	0.18	0.20	0.19														
110	0.19	0.24	0.21	0.23	0.21														
115	0.20	0.28	0.22	0.27	0.22														
120	0.22	0.30	0.23	0.30	0.24														
125	0.23	0.31	0.28	0.33	0.27														
130	0.32	0.33	0.31	0.36	0.33														
135	0.33	0.35	0.34	0.36	0.32														
140	0.34	0.36	0.33	0.40	0.36														
145	0.34	0.38	0.33	0.40	0.37														
150	0.34	0.41	0.34	0.40	0.43														
155	0.36	0.42	0.37	0.44	0.45														
160	0.39	0.44	0.41	0.46	0.45														
165	0.43	0.46	0.43	0.46	0.45														
170	0.45	0.46	0.46	0.46	0.45														
175	0.45	0.46	0.46	0.46	0.45														
180	0.44	0.44	0.44	0.43	0.44														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:SENPU
 Test Date:2022-03-03

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: