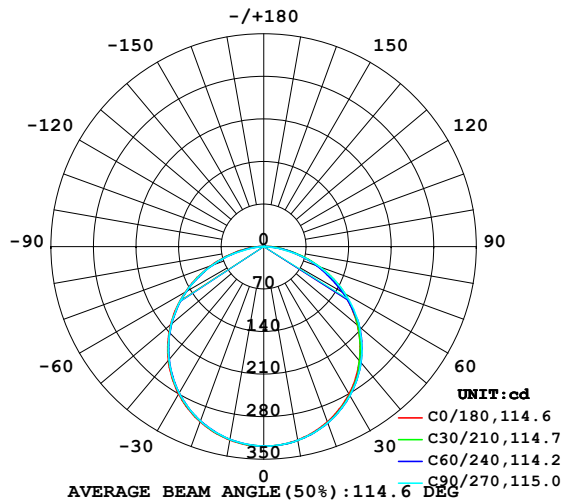


LUMINAIRE PHOTOMETRIC TEST REPORT

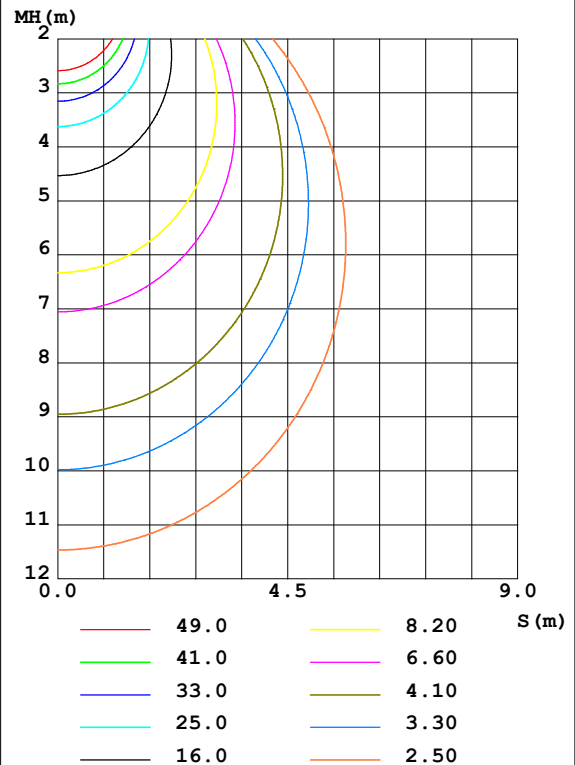
Test:U:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.35 lm/W			
MODEL	V120-24-40D4	Imax(cd)	329.1	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	964.87	η UP,DN(C0-180)	0.2,50.5
NOMINAL FLUX(lm)	964.866	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.1
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	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:

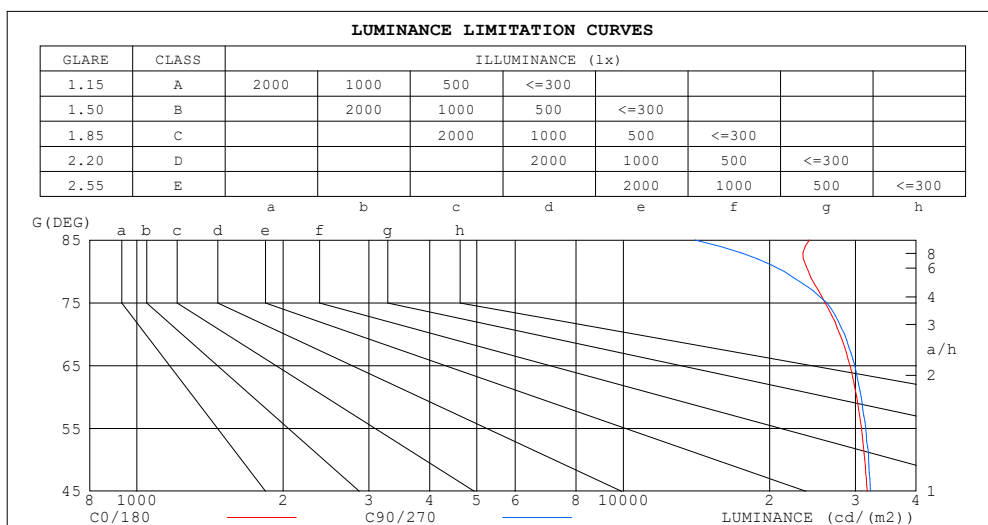
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	323.1	323.9	323.6	324.2	323.0	321.8	322.0	322.8	0- 10	31.10	31.10	3.22,3.22
20	306.8	308.9	308.5	308.7	306.7	304.7	305.2	305.7	10- 20	89.30	120.4	12.5,12.5
30	280.6	283.9	283.3	283.1	280.2	277.8	278.6	278.9	20- 30	136.0	256.4	26.6,26.6
40	245.2	249.4	248.7	247.7	244.3	241.7	242.7	242.9	30- 40	165.3	421.7	43.7,43.7
50	201.6	201.8	205.4	203.5	200.1	196.9	198.6	198.6	40- 50	172.8	594.5	61.6,61.6
60	151.0	152.2	154.3	152.0	148.5	145.7	147.0	147.6	50- 60	157.4	751.8	77.9,77.9
70	95.33	98.81	97.46	95.24	92.61	88.96	89.99	91.18	60- 70	120.6	872.4	90.4,90.4
80	41.70	44.45	37.17	40.20	39.12	34.69	30.52	36.00	70- 80	68.72	941.2	97.5,97.5
90	8.116	7.859	0.2250	4.897	6.040	3.323	0.1803	4.664	80- 90	19.77	960.9	99.6,99.6
100	1.125	0.2321	0.2102	0.2393	0.2395	0.3480	0.1886	0.3770	90-100	1.904	962.8	99.8,99.8
110	0.3188	0.2973	0.2175	0.3045	0.3770	0.3480	0.2176	0.3770	100-110	0.3156	963.1	99.8,99.8
120	0.3696	0.3480	0.3042	0.3553	0.4712	0.3190	0.2538	0.4422	110-120	0.3300	963.5	99.9,99.9
130	0.4420	0.4061	0.3335	0.4204	0.4712	0.3190	0.3263	0.4639	120-130	0.3370	963.8	99.9,99.9
140	0.5506	0.4784	0.3625	0.4639	0.4205	0.3987	0.7333	0.5727	130-140	0.3609	964.2	99.9,99.9
150	0.5872	0.5076	0.4568	0.4494	0.4712	0.4132	0.4059	0.4132	140-150	0.2908	964.5	100,100
160	0.6739	0.5655	0.4639	0.4494	0.4712	0.4494	0.4350	0.4349	150-160	0.2194	964.7	100,100
170	0.6235	0.5582	0.4349	0.4422	0.4712	0.4494	0.4494	0.4567	160-170	0.1398	964.8	100,100
180	0.4494	0.4422	0.3987	0.4132	0.4639	0.4422	0.3842	0.4132	170-180	0.0445	964.9	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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	24147	14033
80	24016	21404
75	26006	26187
70	27872	28495
65	29244	29936
60	30193	30851
55	30873	31484
50	31366	31961
45	31726	32233

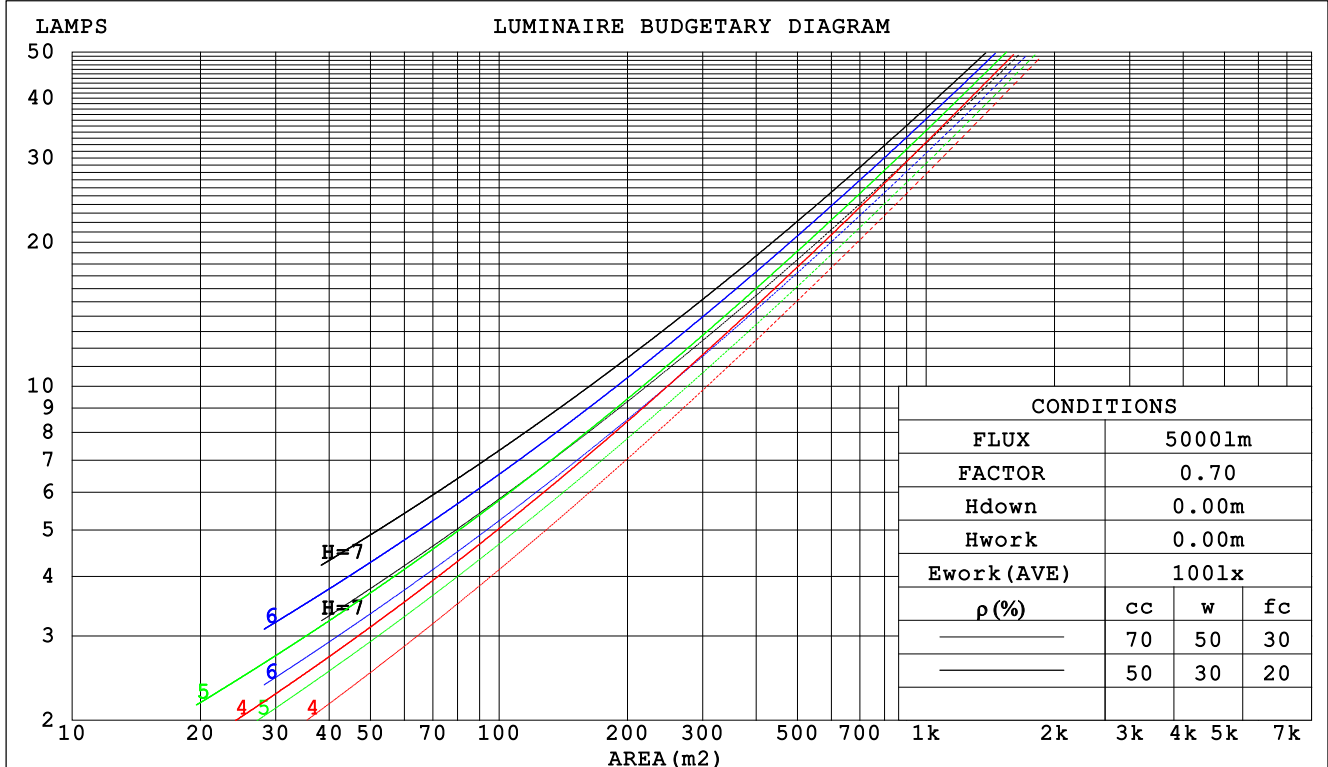
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: SENPU
Test Date: 2022-02-28

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
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	.85	.79	.75	.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	.45	.42
6.0	.56	.47	.40	.55	.47	.40	.53	.46	.40	.51	.45	.39	.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	.40	.33	.28	.38	.32	.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: 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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm					
NAME: YJ-VTC-RB-2835-24V-G01-40			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:2022030110
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	.313	.178	.056	.306	.175	.055	.292	.168	.054	.280	.162	.052	.269	.156	.050	
2.0	.294	.161	.049	.288	.159	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045	
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.215	.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	.085	.025	
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.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	.107	.094	.082	.062	.054	.048	.020	.018	.015	
2.0	.176	.135	.101	.151	.116	.087	.103	.080	.061	.059	.047	.036	.019	.015	.012	
3.0	.168	.117	.077	.144	.101	.067	.099	.070	.047	.057	.041	.028	.018	.013	.009	
4.0	.160	.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	.085	.042	.125	.074	.037	.086	.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	.132	.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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm										
NAME: YJ-VTC-RB-2835-24V-G01-40					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:2022030110		
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	24.9	26.4	25.2	26.6	26.8	24.9	26.5	25.2	26.7	26.9
3H	26.5	27.9	26.8	28.1	28.4	26.5	27.9	26.8	28.2	28.4
4H	27.1	28.5	27.4	28.7	29.0	27.1	28.4	27.4	28.7	29.0
6H	27.6	28.8	27.9	29.1	29.4	27.5	28.7	27.8	29.0	29.3
8H	27.7	29.0	28.1	29.2	29.5	27.6	28.8	27.9	29.1	29.4
12H	27.9	29.0	28.2	29.3	29.6	27.6	28.8	28.0	29.1	29.4
4H 2H	25.5	26.9	25.9	27.1	27.4	25.6	26.9	25.9	27.2	27.4
3H	27.3	28.5	27.7	28.8	29.1	27.3	28.5	27.6	28.8	29.1
4H	28.1	29.2	28.5	29.5	29.8	28.0	29.1	28.4	29.4	29.7
6H	28.7	29.6	29.1	30.0	30.4	28.5	29.4	28.9	29.8	30.2
8H	28.9	29.8	29.3	30.2	30.6	28.6	29.5	29.0	29.9	30.3
12H	29.1	29.9	29.5	30.3	30.7	28.7	29.5	29.1	29.9	30.3
8H 4H	28.4	29.3	28.8	29.6	30.0	28.3	29.2	28.7	29.6	29.9
6H	29.1	29.9	29.6	30.3	30.7	28.9	29.7	29.4	30.1	30.5
8H	29.5	30.1	29.9	30.6	31.0	29.2	29.8	29.6	30.3	30.7
12H	29.7	30.3	30.2	30.8	31.3	29.3	29.9	29.8	30.3	30.8
12H 4H	28.4	29.2	28.8	29.6	30.0	28.3	29.1	28.7	29.5	29.9
6H	29.2	29.9	29.7	30.3	30.8	29.0	29.7	29.5	30.1	30.6
8H	29.6	30.1	30.1	30.6	31.1	29.3	29.9	29.8	30.3	30.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 964.9 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.1$)

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:

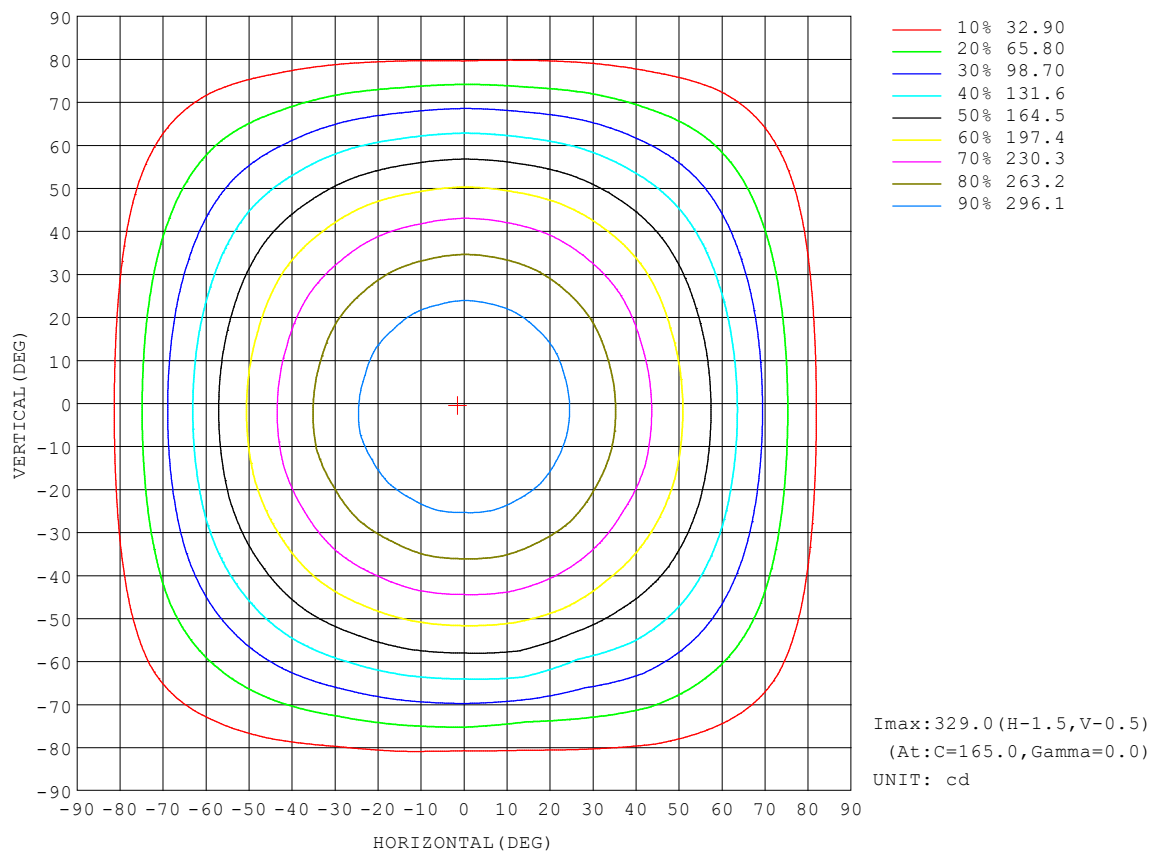
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	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	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:

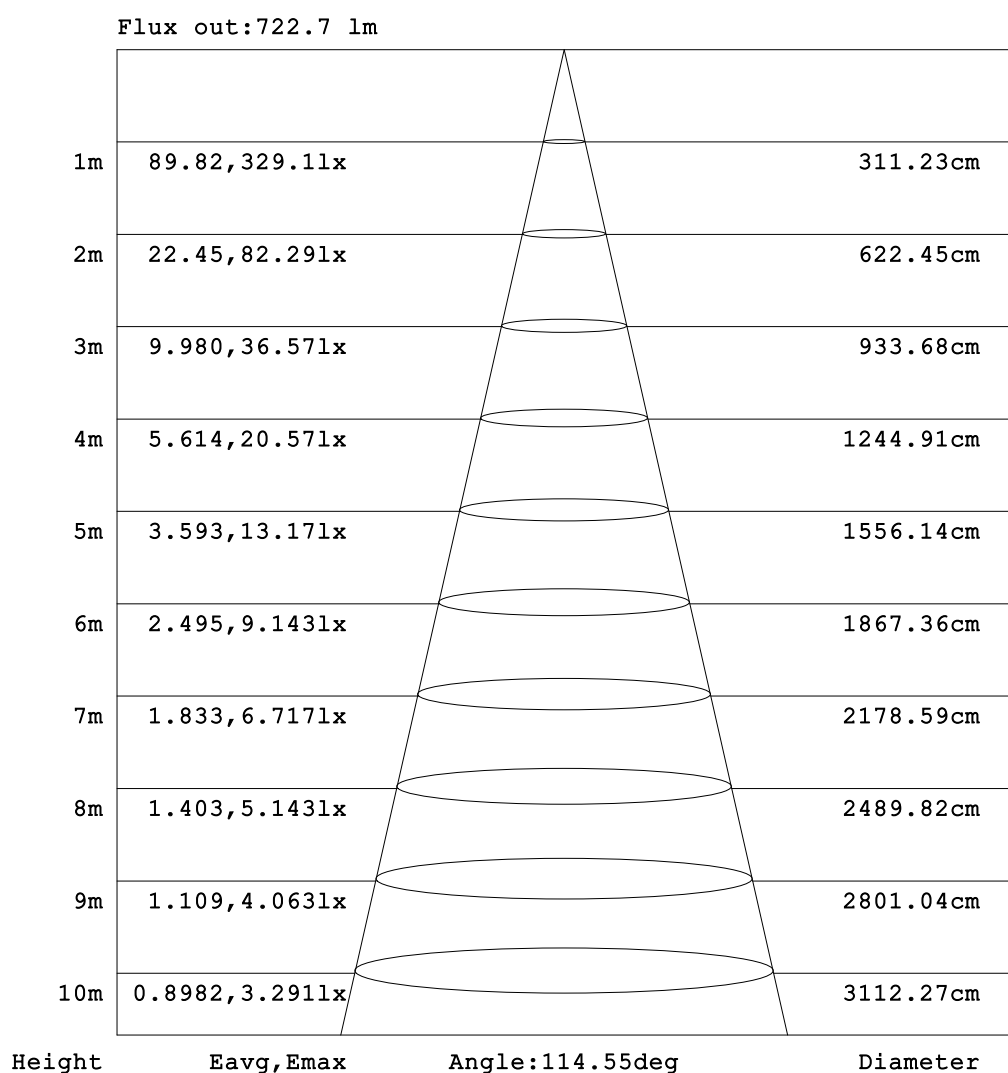


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:



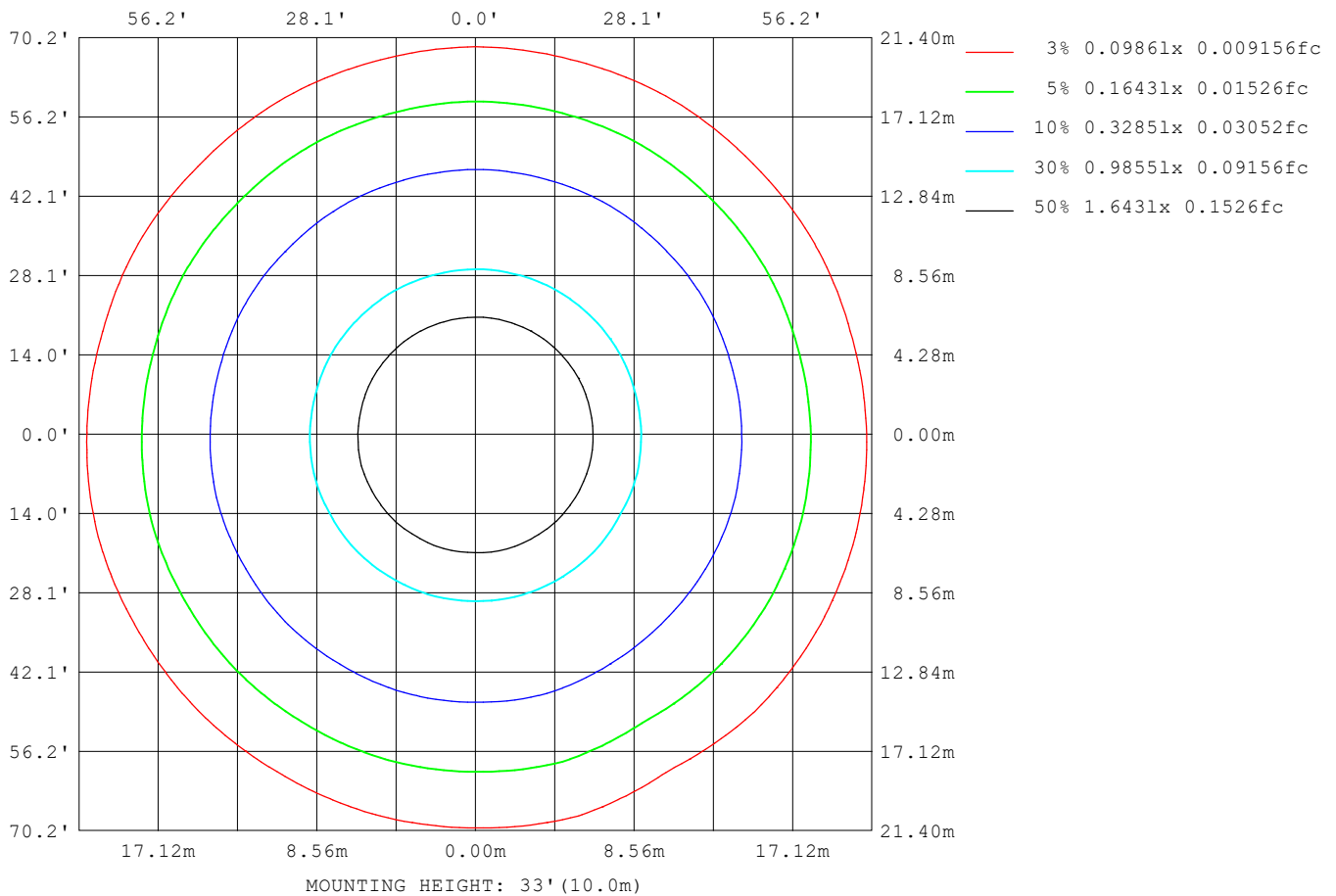
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:

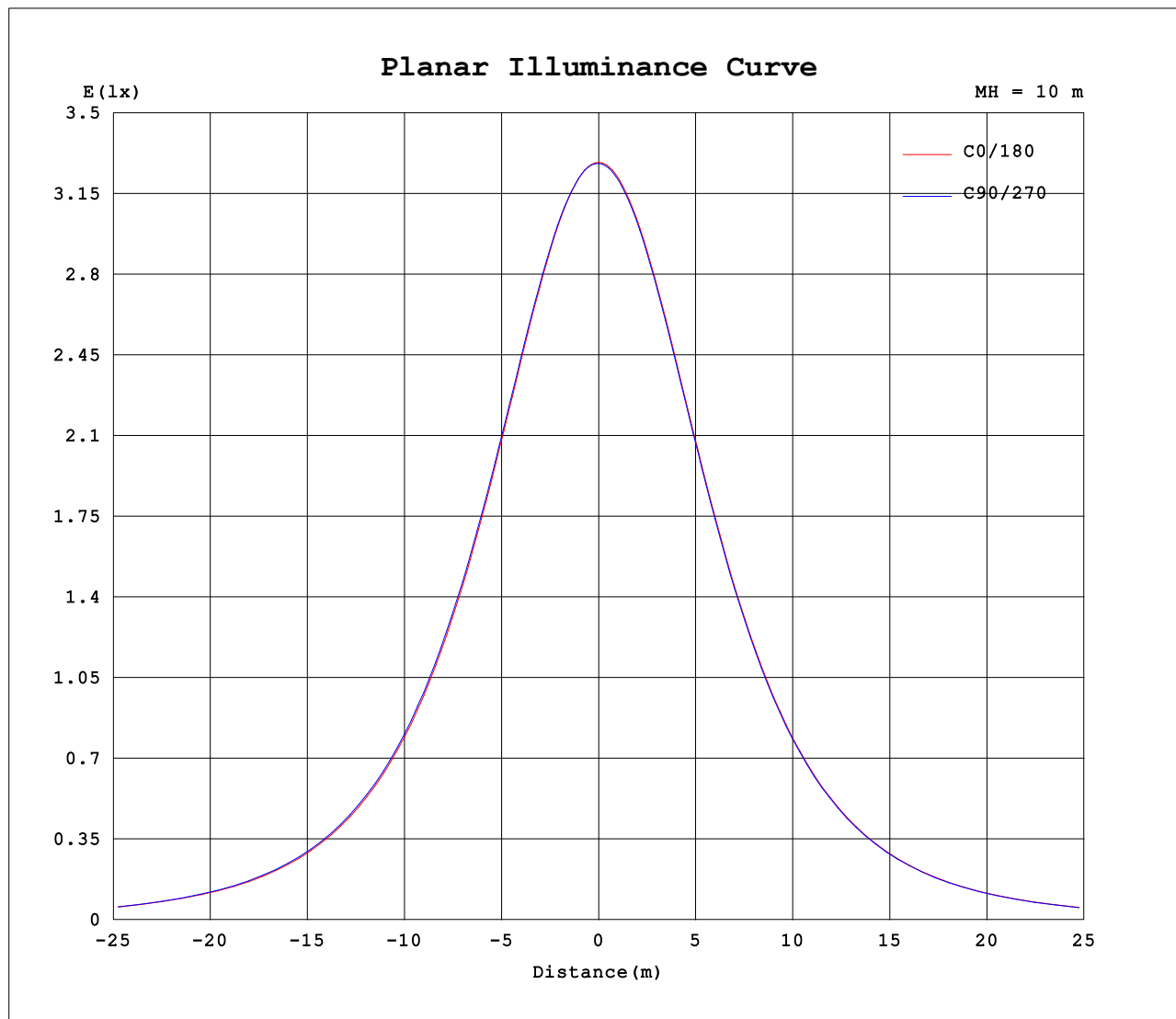
AvgL	cd/m2
L_0~180 (65) av	28914
L_0~180 (75) av	25558
L_0~180 (85) av	22434
L_90~270 (65) av	29054
L_90~270 (75) av	24740
L_90~270 (85) av	11132
L_45 (65) av	28821
L_45 (75) av	25215
L_45 (85) av	19980

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
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	329	328	328	328	328	328	328	329	329	329	329	329	329	328	328	328	328	328	328
5	327	327	327	327	327	327	327	327	328	327	328	328	328	327	327	327	326	326	326
10	323	323	324	324	324	324	324	324	324	324	324	324	323	322	322	322	322	322	322
15	316	317	317	318	317	318	317	318	317	318	317	318	316	315	315	314	315	314	315
20	307	308	308	309	309	309	309	309	308	309	308	308	307	305	306	305	305	305	305
25	295	296	296	297	297	298	297	298	297	297	296	296	295	293	293	292	293	292	293
30	281	282	282	284	284	284	283	284	283	283	282	282	280	279	279	278	278	278	279
35	264	266	266	268	267	268	267	268	266	267	265	266	263	262	262	261	261	261	262
40	245	247	245	249	249	250	249	249	247	248	246	247	244	243	243	242	242	242	243
45	224	226	225	226	228	229	228	228	226	227	225	226	223	221	222	220	221	220	222
50	202	204	202	202	206	207	205	205	203	204	202	202	200	198	199	197	198	197	199
55	177	179	178	176	178	182	181	181	179	179	177	178	175	173	174	172	173	172	174
60	151	153	154	152	149	156	154	154	152	152	150	151	148	147	147	146	146	145	147
65	124	126	127	127	120	129	127	126	124	124	123	123	121	118	119	117	118	118	119
70	95.3	97.8	98.7	98.8	93.9	96.0	97.5	97.0	95.1	95.2	94.0	95.0	92.6	90.8	90.8	89.0	89.6	88.6	90.0
75	67.3	69.6	70.2	71.5	67.2	63.1	67.8	67.5	65.9	66.6	66.1	67.4	65.0	62.9	62.9	60.5	60.7	59.6	60.3
80	41.7	43.7	43.7	44.5	40.9	37.5	37.2	39.3	38.5	40.2	40.1	41.6	39.1	37.5	37.0	34.7	34.0	32.4	30.5
85	21.0	22.5	22.1	21.8	18.6	15.7	12.2	15.9	16.4	18.2	18.6	19.9	18.1	16.7	16.2	14.0	13.0	10.9	7.17
90	8.12	9.00	8.65	7.86	2.81	1.42	0.22	2.07	3.36	4.90	5.79	6.76	6.04	5.38	4.69	3.32	2.32	0.83	0.18
95	3.94	4.16	3.73	2.38	0.32	0.22	0.21	0.22	0.28	0.96	1.62	2.18	1.86	1.48	1.08	0.53	0.34	0.33	0.13
100	1.13	1.12	0.63	0.23	0.22	0.22	0.21	0.23	0.23	0.24	0.25	0.25	0.24	0.29	0.34	0.35	0.33	0.25	0.19
105	0.28	0.26	0.25	0.25	0.22	0.25	0.22	0.25	0.23	0.27	0.25	0.28	0.30	0.29	0.35	0.35	0.31	0.19	0.20
110	0.32	0.30	0.25	0.30	0.22	0.28	0.22	0.29	0.23	0.30	0.25	0.30	0.38	0.33	0.35	0.35	0.26	0.18	0.22
115	0.33	0.35	0.28	0.32	0.25	0.30	0.24	0.31	0.33	0.33	0.29	0.31	0.44	0.33	0.35	0.35	0.27	0.21	0.25
120	0.37	0.38	0.32	0.35	0.31	0.33	0.30	0.36	0.32	0.36	0.33	0.36	0.47	0.33	0.35	0.32	0.28	0.22	0.25
125	0.40	0.40	0.33	0.37	0.33	0.36	0.33	0.37	0.32	0.39	0.33	0.38	0.47	0.33	0.35	0.31	0.32	0.24	0.30
130	0.44	0.43	0.38	0.41	0.33	0.39	0.33	0.40	0.33	0.42	0.34	0.42	0.47	0.33	0.38	0.32	0.36	0.30	0.33
135	0.45	0.49	0.43	0.46	0.36	0.41	0.35	0.42	0.36	0.45	0.38	0.46	0.71	0.55	0.51	0.43	1.22	1.25	0.36
140	0.55	0.54	0.46	0.48	0.40	0.44	0.36	0.45	0.43	0.46	0.43	0.46	0.42	0.41	0.40	0.40	0.40	0.40	0.73
145	0.59	0.59	0.47	0.48	0.45	0.44	0.42	0.46	0.45	0.45	0.45	0.46	0.46	0.45	0.43	0.40	0.41	0.40	0.41
150	0.59	0.59	0.55	0.51	0.46	0.46	0.46	0.46	0.45	0.45	0.46	0.46	0.47	0.45	0.46	0.41	0.42	0.39	0.41
155	0.57	0.54	0.55	0.55	0.46	0.48	0.46	0.45	0.45	0.45	0.46	0.46	0.47	0.48	0.46	0.44	0.44	0.40	0.42
160	0.67	0.65	0.67	0.57	0.56	0.49	0.46	0.46	0.46	0.45	0.46	0.46	0.47	0.48	0.46	0.45	0.45	0.43	0.44
165	0.68	0.66	0.52	0.57	0.56	0.48	0.46	0.44	0.46	0.44	0.46	0.43	0.47	0.46	0.46	0.45	0.46	0.43	0.46
170	0.62	0.51	0.59	0.56	0.52	0.46	0.43	0.41	0.44	0.44	0.45	0.37	0.47	0.46	0.46	0.45	0.46	0.45	0.45
175	0.59	0.58	0.55	0.53	0.50	0.44	0.41	0.39	0.43	0.42	0.44	0.37	0.46	0.46	0.46	0.45	0.47	0.46	0.44
180	0.45	0.43	0.46	0.44	0.42	0.42	0.40	0.39	0.39	0.41	0.41	0.39	0.46	0.45	0.46	0.44	0.42	0.43	0.38

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:24.000V I:0.6890A P:16.536W PF:1.0000 Freq:0Hz Lamp Flux:964.866x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-40	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030110
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	329	329	329	329	329													
5	327	327	327	327	327													
10	322	323	323	323	323													
15	315	316	316	316	316													
20	305	306	306	306	306													
25	293	294	293	294	294													
30	279	279	279	280	279													
35	262	262	262	263	262													
40	243	243	243	244	243													
45	221	222	222	223	222													
50	198	199	199	200	199													
55	173	174	174	175	175													
60	147	148	148	149	148													
65	118	120	119	121	121													
70	89.7	91.2	91.2	92.7	92.7													
75	60.4	62.3	62.4	64.5	64.7													
80	33.1	35.3	36.0	38.5	39.2													
85	11.5	14.0	15.6	18.2	19.2													
90	1.35	3.14	4.66	6.38	7.46													
95	0.33	0.34	1.65	3.00	3.73													
100	0.33	0.38	0.38	0.40	0.45													
105	0.33	0.40	0.38	0.42	0.38													
110	0.37	0.44	0.38	0.44	0.38													
115	0.43	0.46	0.43	0.46	0.40													
120	0.46	0.46	0.44	0.49	0.43													
125	0.39	0.46	0.46	0.51	0.44													
130	0.51	0.55	0.46	0.54	0.48													
135	0.80	0.62	1.05	1.35	0.70													
140	0.38	0.38	0.57	0.49	0.58													
145	0.38	0.41	0.42	0.51	0.58													
150	0.38	0.41	0.41	0.52	0.58													
155	0.38	0.43	0.43	0.45	0.58													
160	0.46	0.54	0.43	0.46	0.58													
165	0.51	0.52	0.46	0.46	0.52													
170	0.51	0.48	0.46	0.46	0.49													
175	0.51	0.45	0.46	0.44	0.48													
180	0.40	0.38	0.41	0.41	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: