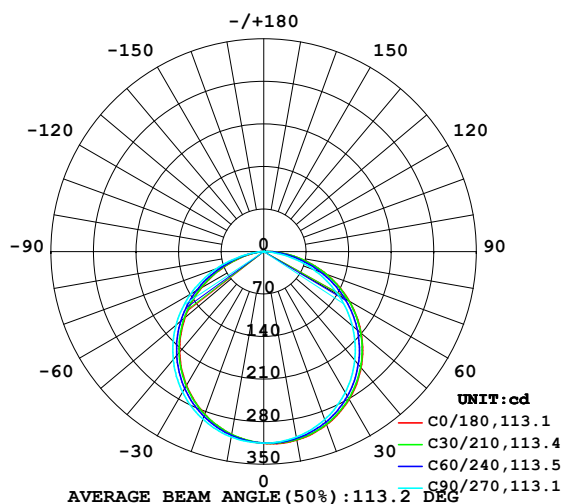


LUMINAIRE PHOTOMETRIC TEST REPORT

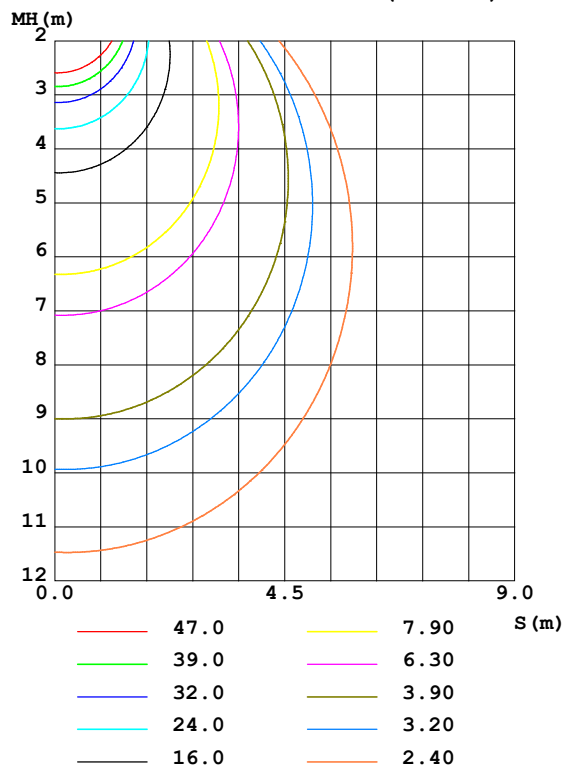
Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.57 lm/W			
MODEL	V120-24-27F47	Imax(cd)	317.3	S/MH(C0/180)	1.21
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	910.71	η UP,DN(C0-180)	0.2,50.8
NOMINAL FLUX(lm)	910.709	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,48.8
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:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

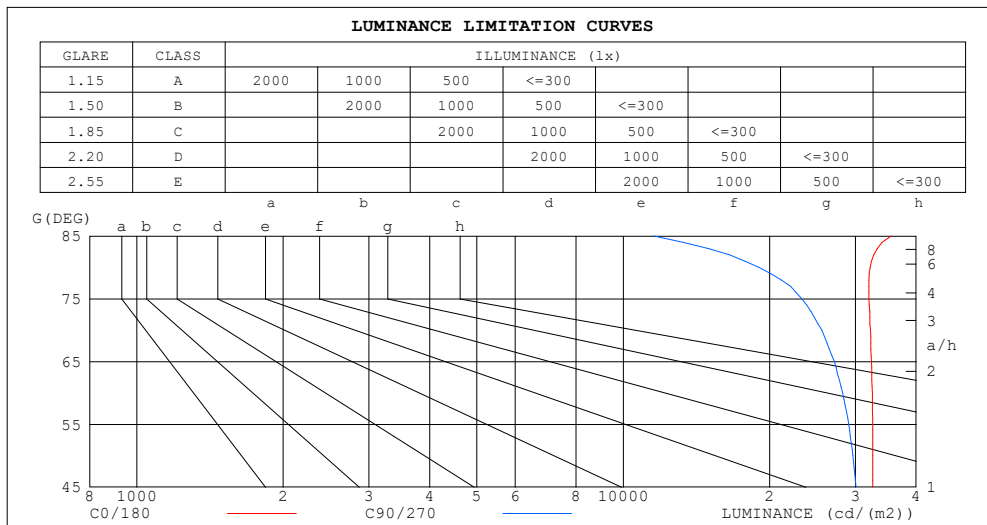
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	314.8	313.3	309.9	307.7	305.4	305.6	309.6	313.9	0- 10	29.86	29.86	3.28,3.28
20	302.9	300.9	294.0	288.5	284.6	285.7	293.5	300.4	10- 20	85.61	115.5	12.7,12.7
30	280.8	278.5	268.2	259.7	254.3	256.8	267.2	277.0	20- 30	130.0	245.5	27,27
40	249.3	246.5	233.3	221.9	215.5	218.3	231.9	243.3	30- 40	157.2	402.6	44.2,44.2
50	209.4	206.3	190.6	176.4	169.5	173.4	188.5	202.3	40- 50	163.4	566.1	62.2,62.2
60	162.6	159.2	141.3	125.2	117.8	121.4	138.4	153.4	50- 60	147.8	713.9	78.4,78.4
70	110.2	106.7	87.52	70.91	64.09	67.52	83.77	100.0	60- 70	112.2	826.0	90.7,90.7
80	55.84	53.01	32.97	23.68	17.94	20.47	27.42	46.12	70- 80	63.37	889.4	97.7,97.7
90	11.93	10.72	0.1972	0.4484	0.1595	0.4000	0.1015	6.808	80- 90	17.78	907.2	99.6,99.6
100	2.240	0.7209	0.2029	0.2393	0.1668	0.1450	0.1377	0.1765	90-100	1.918	909.1	99.8,99.8
110	0.2102	0.2610	0.2101	0.3045	0.2320	0.1450	0.1885	0.1595	100-110	0.2721	909.4	99.9,99.9
120	0.2825	0.3189	0.2609	0.3625	0.2900	0.2102	0.2320	0.2102	110-120	0.2356	909.6	99.9,99.9
130	0.3118	0.3698	0.3262	0.4059	0.3481	0.2464	0.2973	0.2319	120-130	0.2616	909.8	99.9,99.9
140	0.3551	0.4059	0.3551	0.4423	0.4133	0.3335	0.3553	0.3334	130-140	0.2667	910.1	99.9,99.9
150	0.4348	0.4349	0.4349	0.4567	0.4713	0.3407	0.3843	0.3335	140-150	0.2428	910.4	100,100
160	0.4567	0.4422	0.4422	0.4568	0.4784	0.3697	0.4206	0.3552	150-160	0.1915	910.5	100,100
170	0.3697	0.3914	0.4204	0.3770	0.4784	0.4277	0.4422	0.4349	160-170	0.1208	910.7	100,100
180	0.4349	0.4059	0.3770	0.3697	0.4494	0.4059	0.3770	0.4059	170-180	0.0397	910.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	35555	11565
80	32160	18986
75	31994	23289
70	32212	25588
65	32387	27159
60	32510	28264
55	32579	29065
50	32581	29658
45	32580	30104

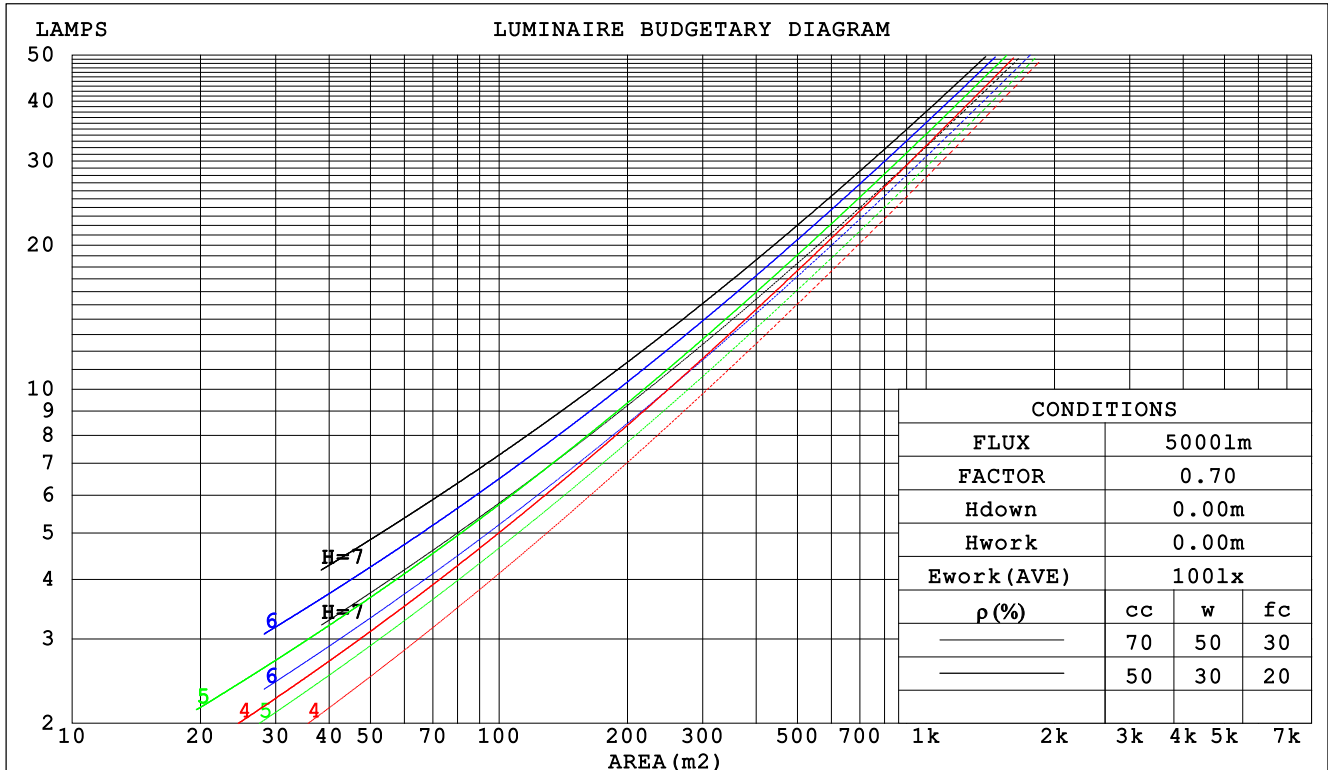
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.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	.58	.52	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 59.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm					
NAME: YJ-VTC-RB-2835-24V-G01-27			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:2022030411
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	.311	.177	.056	.303	.173	.055	.290	.166	.053	.278	.160	.051	.266	.154	.050		
2.0	.292	.160	.049	.286	.157	.049	.274	.152	.047	.263	.148	.046	.253	.143	.045		
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.249	.130	.038	.245	.128	.038	.235	.125	.037	.226	.122	.037	.218	.119	.036		
5.0	.231	.118	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.203	.108	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.159	.137	.157	.137	.118	.107	.094	.082	.062	.054	.048	.020	.018	.015	
2.0	.175	.135	.101	.150	.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	.137	.090	.053	.094	.063	.038	.055	.037	.022	.018	.012	.007	
5.0	.153	.094	.050	.131	.081	.044	.090	.057	.031	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.042	.125	.074	.037	.086	.052	.026	.050	.030	.015	.016	.010	.005	
7.0	.139	.078	.036	.119	.068	.032	.082	.048	.022	.048	.028	.013	.015	.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	.120	.063	.025	.104	.055	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 59.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm										
NAME: YJ-VTC-RB-2835-24V-G01-27					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:2022030411		
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	27.0	25.7	27.2	27.4	24.9	26.5	25.2	26.7	26.9
3H	27.2	28.6	27.5	28.9	29.1	26.5	27.9	26.8	28.1	28.4
4H	28.0	29.3	28.3	29.6	29.9	27.1	28.4	27.4	28.7	28.9
6H	28.7	29.9	29.0	30.2	30.5	27.4	28.7	27.8	29.0	29.3
8H	28.9	30.1	29.3	30.4	30.7	27.5	28.8	27.9	29.0	29.3
12H	29.1	30.3	29.5	30.6	30.9	27.6	28.7	27.9	29.0	29.3
4H 2H	26.1	27.4	26.4	27.7	27.9	25.7	27.0	26.0	27.3	27.6
3H	28.1	29.2	28.4	29.5	29.9	27.4	28.6	27.8	28.9	29.2
4H	29.0	30.1	29.4	30.4	30.7	28.2	29.2	28.6	29.6	29.9
6H	29.8	30.8	30.2	31.1	31.5	28.7	29.7	29.1	30.0	30.4
8H	30.2	31.0	30.6	31.4	31.8	28.9	29.7	29.3	30.1	30.5
12H	30.5	31.3	30.9	31.7	32.1	28.9	29.7	29.4	30.1	30.6
8H 4H	29.3	30.2	29.7	30.6	31.0	28.6	29.5	29.0	29.8	30.2
6H	30.3	31.1	30.8	31.5	31.9	29.3	30.1	29.8	30.5	30.9
8H	30.8	31.4	31.3	31.9	32.3	29.6	30.2	30.1	30.7	31.1
12H	31.2	31.8	31.7	32.2	32.7	29.8	30.3	30.2	30.8	31.3
12H 4H	29.3	30.1	29.8	30.5	31.0	28.6	29.5	29.1	29.9	30.3
6H	30.4	31.1	30.9	31.5	31.9	29.5	30.1	29.9	30.5	31.0
8H	30.9	31.5	31.4	31.9	32.4	29.8	30.4	30.3	30.8	31.3
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	+ 0.1 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 910.7 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.3$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:

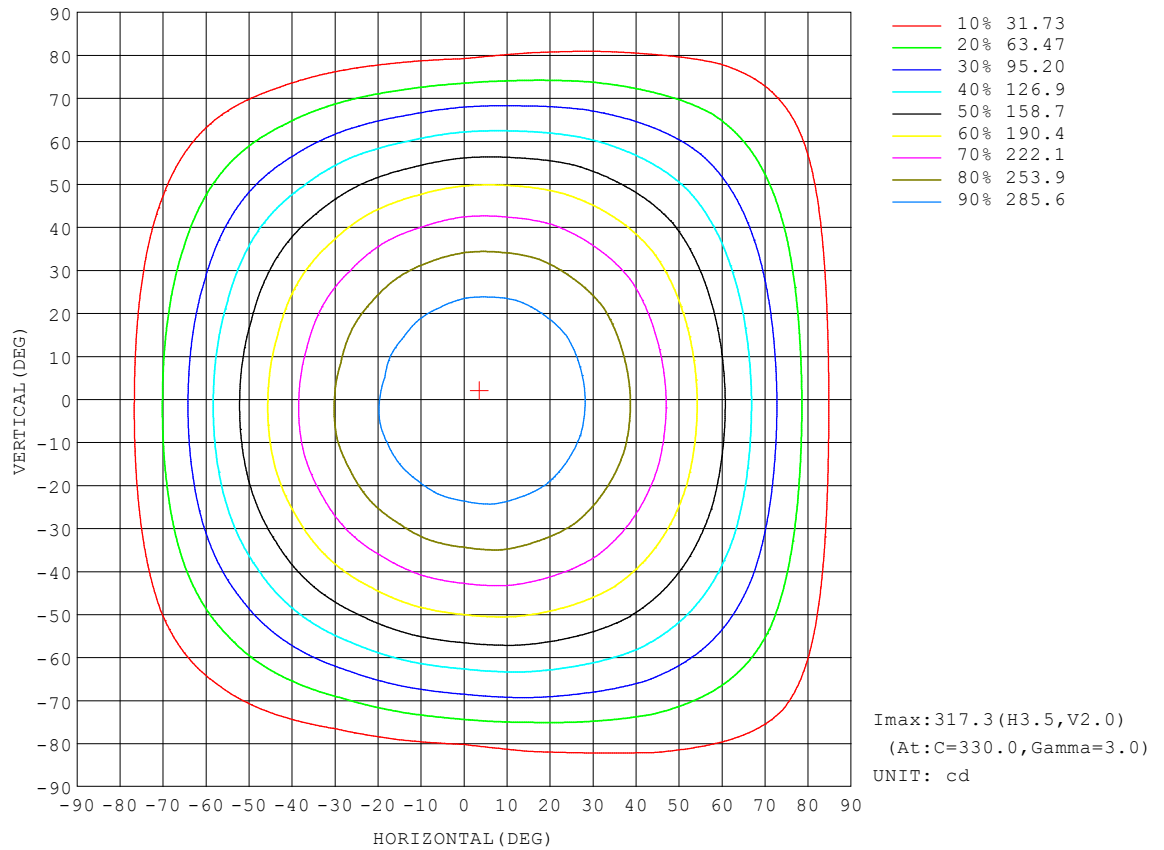
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
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	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	108	104	100	106	102	98	101	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: 25DEG
 Operators: SENPU
 Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 59.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:

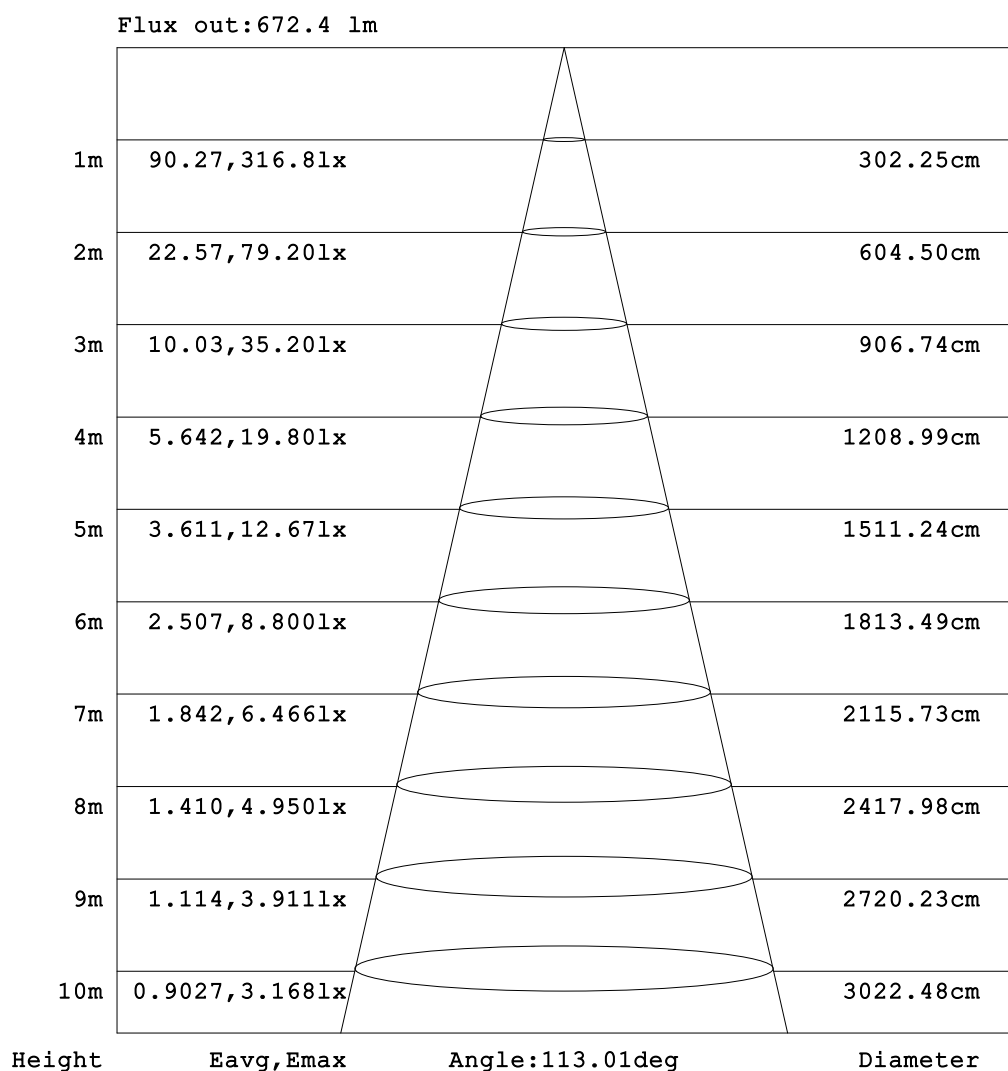


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:



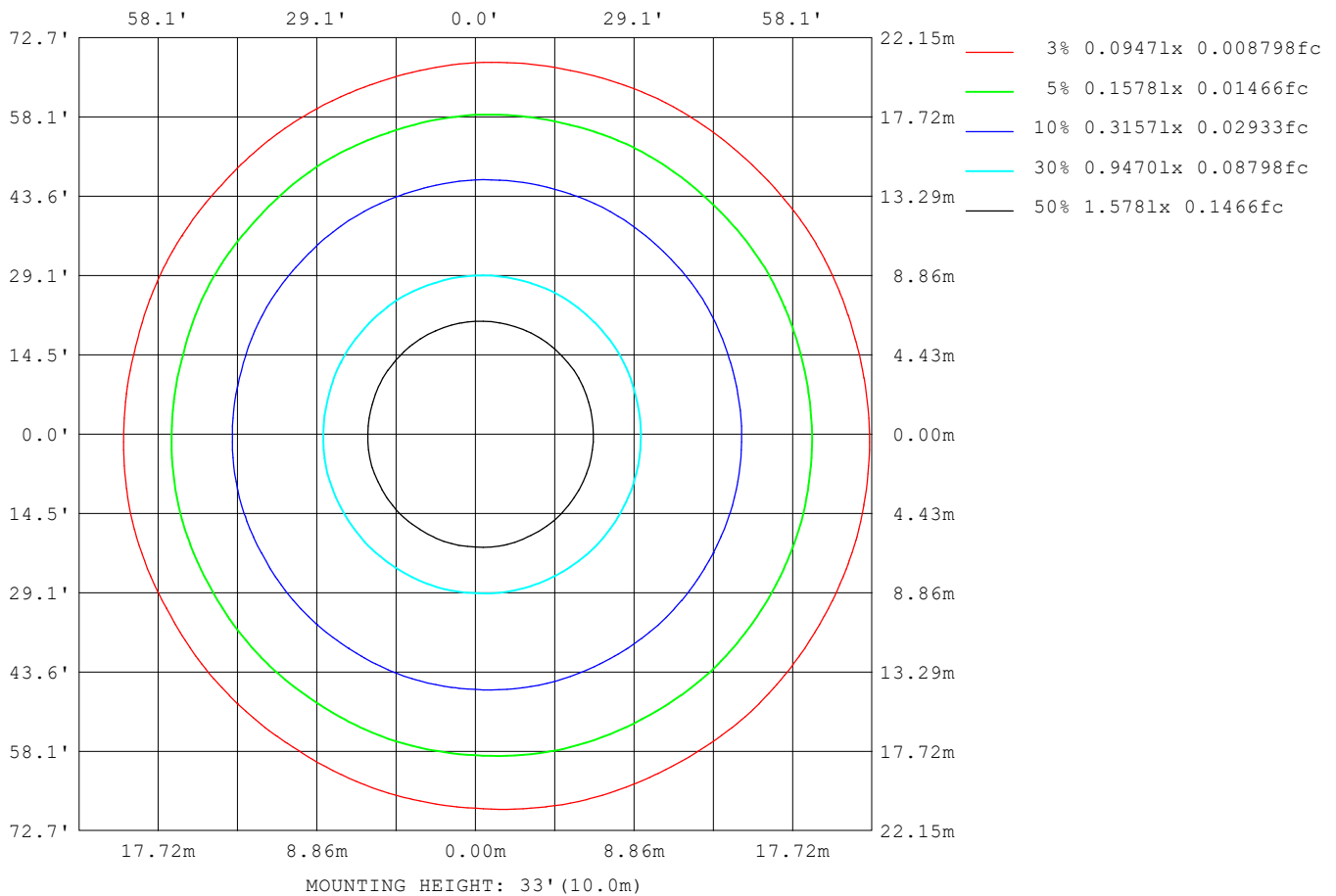
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:

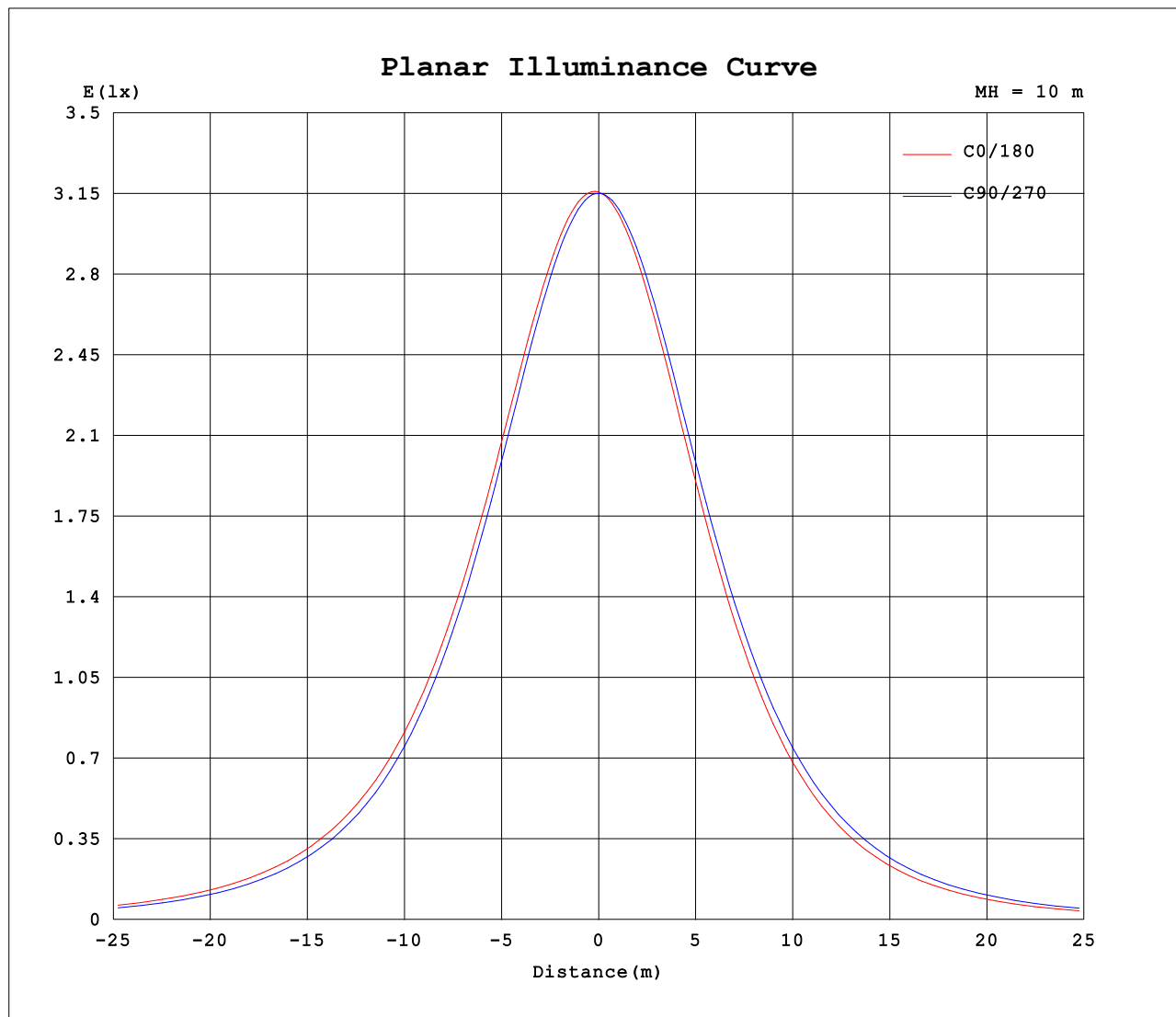
AvgL	cd/m2
L_0~180 (65) av	26935
L_0~180 (75) av	23598
L_0~180 (85) av	19435
L_90~270 (65) av	26760
L_90~270 (75) av	22164
L_90~270 (85) av	9025
L_45 (65) av	26844
L_45 (75) av	23126
L_45 (85) av	18005

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 59.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
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	316	315	315	315	315	315	315	316	316	316	317	317	316	315	315	315	315	315	315
5	317	316	316	315	315	315	314	314	313	313	313	313	312	311	311	311	312	313	314
10	315	314	314	313	312	311	310	309	308	308	307	307	305	304	305	306	307	308	310
15	310	310	309	309	307	306	303	302	300	299	298	298	296	295	296	297	299	301	303
20	303	303	302	301	299	297	294	292	290	289	287	286	285	283	285	286	288	290	293
25	293	293	292	291	288	286	282	280	277	275	273	272	271	269	271	272	275	278	282
30	281	281	280	279	275	273	268	266	262	260	257	257	254	253	255	257	260	263	267
35	266	267	265	264	260	257	252	249	244	242	239	238	236	235	237	239	243	246	251
40	249	250	248	247	242	239	233	230	225	222	219	218	215	214	217	218	223	226	232
45	230	231	229	227	223	219	213	209	203	200	196	196	193	192	195	196	202	205	211
50	209	210	208	206	201	197	191	186	180	176	173	172	169	168	171	173	178	183	189
55	187	188	186	184	178	174	167	162	155	152	147	147	144	143	146	148	154	158	164
60	163	164	162	159	154	149	141	136	129	125	121	120	118	117	120	121	127	131	138
65	137	138	136	134	128	123	115	109	102	98.0	94.1	93.3	90.8	89.6	92.7	94.8	100	104	111
70	110	112	109	107	101	95.3	87.5	81.4	74.6	70.9	67.4	67.0	64.1	63.3	65.9	67.5	72.7	76.8	83.8
75	82.8	84.3	82.0	79.4	73.5	67.0	60.3	54.5	48.0	45.2	42.6	42.5	39.3	38.8	40.9	42.3	46.3	50.0	54.5
80	55.8	57.4	55.2	53.0	47.2	42.1	33.0	29.5	24.9	23.7	21.4	21.1	17.9	17.7	19.4	20.5	23.2	25.6	27.4
85	31.0	32.6	31.0	29.0	23.7	18.8	10.1	9.35	7.34	6.72	5.16	4.65	2.89	2.87	3.84	4.38	5.75	6.57	5.65
90	11.9	13.3	12.4	10.7	4.64	1.71	0.20	0.78	0.62	0.45	0.40	0.27	0.16	0.23	0.22	0.40	0.24	0.17	0.10
95	5.45	6.09	5.39	3.38	0.29	0.20	0.17	0.22	0.22	0.23	0.25	0.21	0.15	0.17	0.14	0.15	0.14	0.12	0.12
100	2.24	2.71	1.90	0.72	0.20	0.22	0.20	0.24	0.22	0.24	0.22	0.23	0.17	0.16	0.18	0.14	0.17	0.12	0.14
105	0.21	0.22	0.22	0.23	0.21	0.25	0.20	0.27	0.22	0.28	0.22	0.24	0.20	0.16	0.20	0.14	0.18	0.12	0.16
110	0.21	0.25	0.22	0.26	0.21	0.25	0.21	0.28	0.22	0.30	0.22	0.28	0.23	0.18	0.23	0.14	0.20	0.13	0.19
115	0.21	0.27	0.22	0.28	0.22	0.28	0.22	0.32	0.25	0.33	0.32	0.31	0.26	0.21	0.25	0.19	0.22	0.15	0.22
120	0.28	0.30	0.27	0.32	0.25	0.32	0.26	0.36	0.31	0.36	0.32	0.34	0.29	0.22	0.27	0.21	0.26	0.20	0.23
125	0.30	0.33	0.30	0.34	0.29	0.34	0.32	0.38	0.33	0.38	0.33	0.36	0.32	0.23	0.30	0.21	0.27	0.23	0.27
130	0.31	0.34	0.33	0.37	0.31	0.35	0.33	0.40	0.33	0.41	0.33	0.38	0.35	0.27	0.33	0.25	0.30	0.23	0.30
135	0.32	0.38	0.33	0.38	0.32	0.35	0.34	0.41	0.37	0.43	0.36	0.42	0.39	0.33	0.38	0.30	0.35	0.33	0.33
140	0.36	0.39	0.35	0.41	0.33	0.40	0.36	0.42	0.38	0.44	0.37	0.43	0.41	0.33	0.40	0.33	0.37	0.33	0.36
145	0.39	0.43	0.37	0.42	0.35	0.41	0.41	0.44	0.39	0.45	0.41	0.44	0.45	0.35	0.42	0.34	0.38	0.34	0.37
150	0.43	0.41	0.41	0.43	0.36	0.42	0.43	0.45	0.42	0.46	0.45	0.45	0.47	0.37	0.43	0.34	0.39	0.34	0.38
155	0.45	0.41	0.43	0.44	0.37	0.43	0.44	0.46	0.43	0.46	0.46	0.45	0.48	0.43	0.44	0.36	0.41	0.34	0.41
160	0.46	0.41	0.45	0.44	0.41	0.43	0.44	0.46	0.44	0.46	0.46	0.43	0.48	0.44	0.45	0.37	0.42	0.36	0.42
165	0.44	0.41	0.46	0.42	0.43	0.43	0.45	0.46	0.44	0.43	0.46	0.43	0.48	0.46	0.45	0.41	0.43	0.39	0.43
170	0.37	0.41	0.42	0.39	0.41	0.39	0.42	0.37	0.41	0.38	0.41	0.35	0.48	0.43	0.45	0.43	0.45	0.43	0.44
175	0.37	0.43	0.42	0.39	0.40	0.39	0.39	0.37	0.40	0.37	0.41	0.36	0.46	0.45	0.44	0.45	0.44	0.44	0.39
180	0.43	0.41	0.43	0.41	0.39	0.39	0.38	0.37	0.37	0.37	0.38	0.36	0.45	0.43	0.42	0.41	0.38	0.40	0.38

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.7360A P:17.660W PF:1.0000 Freq:0Hz Lamp Flux:910.709x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-27	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030411
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	316	316	316	317	317														
5	315	316	316	317	317														
10	311	313	314	315	315														
15	305	307	309	310	310														
20	296	299	300	303	303														
25	284	288	290	292	293														
30	271	274	277	280	280														
35	254	259	261	265	265														
40	236	241	243	247	248														
45	215	221	224	228	228														
50	193	199	202	206	207														
55	169	175	179	183	184														
60	143	150	153	159	160														
65	116	123	127	133	134														
70	89.0	95.7	100	105	107														
75	61.6	68.2	72.5	77.7	79.6														
80	35.6	42.0	46.1	50.8	52.8														
85	13.4	18.9	22.7	26.9	28.5														
90	1.18	4.19	6.81	9.87	11.2														
95	0.14	0.87	2.66	4.60	5.84														
100	0.14	0.14	0.18	1.59	2.74														
105	0.14	0.17	0.16	0.15	0.16														
110	0.14	0.20	0.16	0.17	0.15														
115	0.16	0.22	0.17	0.20	0.14														
120	0.22	0.25	0.21	0.23	0.17														
125	0.22	0.26	0.21	0.27	0.22														
130	0.23	0.30	0.23	0.30	0.22														
135	0.26	0.33	0.32	0.34	0.29														
140	0.33	0.34	0.33	0.36	0.33														
145	0.33	0.37	0.33	0.38	0.33														
150	0.33	0.38	0.33	0.41	0.33														
155	0.34	0.39	0.35	0.42	0.36														
160	0.36	0.42	0.36	0.43	0.38														
165	0.38	0.43	0.38	0.43	0.43														
170	0.43	0.43	0.43	0.44	0.44														
175	0.46	0.41	0.45	0.42	0.44														
180	0.38	0.37	0.41	0.37	0.35														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
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