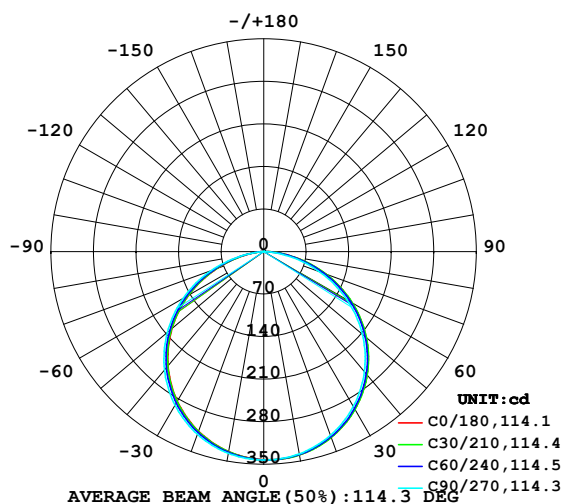


LUMINAIRE PHOTOMETRIC TEST REPORT

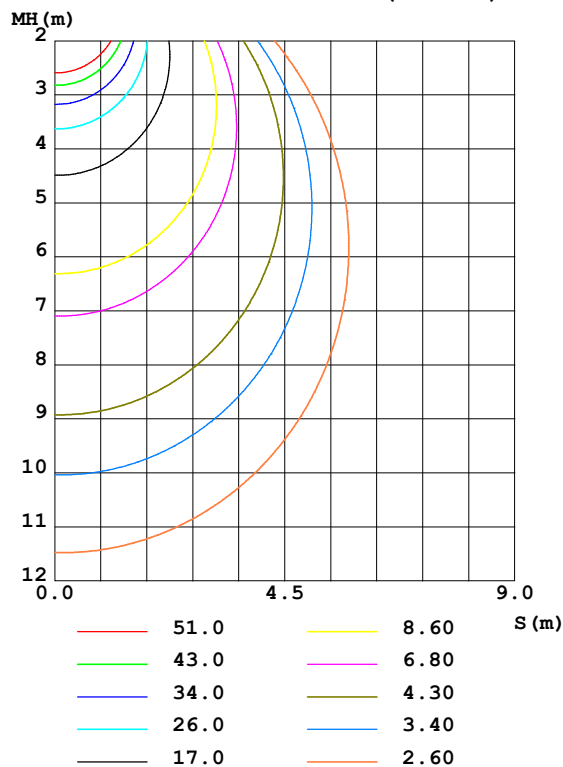
Test:U:24.000V I:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.96 lm/W			
MODEL	V120-24-3256LB10-D	Imax(cd)	343.9	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	996.15	η UP,DN(C0-180)	0.1,50.8
NOMINAL FLUX(lm)	996.149	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.0
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: 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:

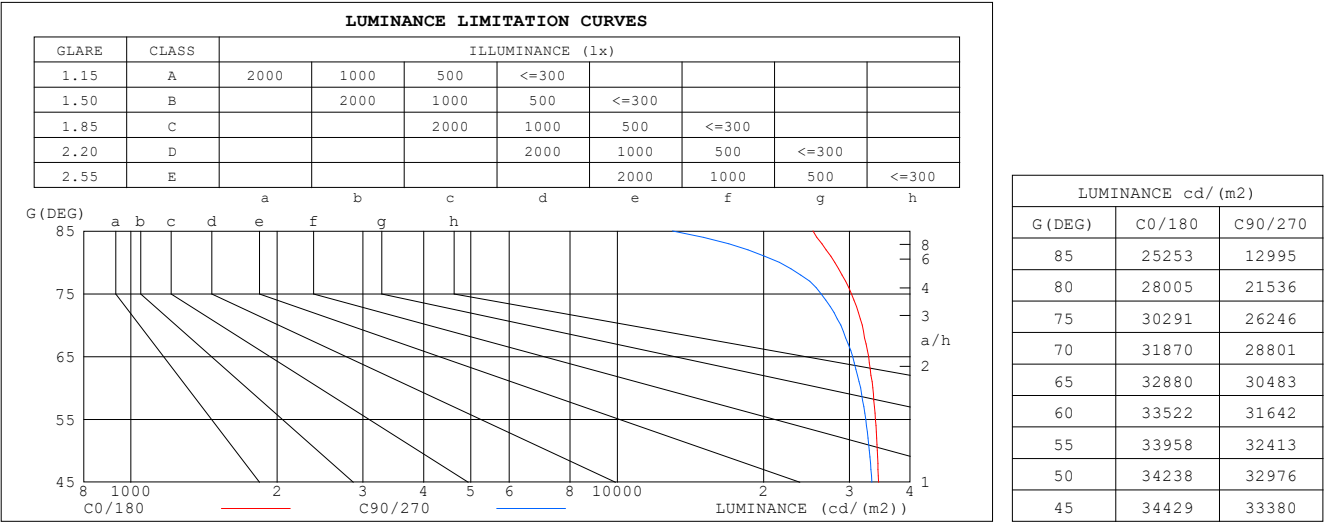
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	339.4	339.3	337.8	336.3	334.0	334.1	336.9	339.1	0- 10	32.46	32.46	3.26,3.26
20	325.0	325.1	321.6	318.1	314.4	314.8	319.8	323.2	10- 20	93.20	125.7	12.6,12.6
30	299.9	300.1	294.7	289.6	284.5	285.3	292.0	297.0	20- 30	141.9	267.6	26.9,26.9
40	264.6	264.9	257.9	251.1	244.9	246.2	254.1	260.2	30- 40	172.3	439.9	44.2,44.2
50	220.1	220.3	212.0	203.6	197.2	198.4	207.5	214.1	40- 50	180.0	619.9	62.2,62.2
60	167.6	167.8	158.2	148.7	141.9	143.4	152.7	160.9	50- 60	163.5	783.3	78.6,78.6
70	109.0	109.1	98.50	88.69	82.34	83.46	92.72	100.9	60- 70	124.3	907.7	91.1,91.1
80	48.63	49.39	37.40	31.62	25.93	27.20	29.88	41.40	70- 80	69.24	976.9	98.1,98.1
90	5.380	5.096	0.2178	0.9968	0.3465	0.5543	0.0871	2.636	80- 90	16.92	993.8	99.8,99.8
100	0.3559	0.2175	0.1957	0.2610	0.1740	0.1450	0.1522	0.1450	90-100	0.6354	994.4	99.8,99.8
110	0.2247	0.2683	0.2320	0.3190	0.2249	0.1666	0.2319	0.1377	100-110	0.2180	994.7	99.9,99.9
120	0.2682	0.3334	0.3261	0.3770	0.2974	0.2247	0.2755	0.2102	110-120	0.2591	994.9	99.9,99.9
130	0.3335	0.3915	0.3335	0.4422	0.3915	0.3118	0.3481	0.3117	120-130	0.2879	995.2	99.9,99.9
140	0.4421	0.4349	0.3986	0.4639	0.4639	0.3479	0.3916	0.3262	130-140	0.2950	995.5	99.9,99.9
150	0.4567	0.4567	0.4567	0.4639	0.5075	0.4422	0.4279	0.3768	140-150	0.2656	995.8	100,100
160	0.4785	0.4494	0.4567	0.4639	0.5147	0.4567	0.4639	0.4566	150-160	0.2078	996.0	100,100
170	0.3989	0.4349	0.4495	0.4639	0.5148	0.4567	0.4639	0.4639	160-170	0.1296	996.1	100,100
180	0.4567	0.4494	0.4132	0.4422	0.4857	0.4567	0.4277	0.4422	170-180	0.0430	996.1	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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:



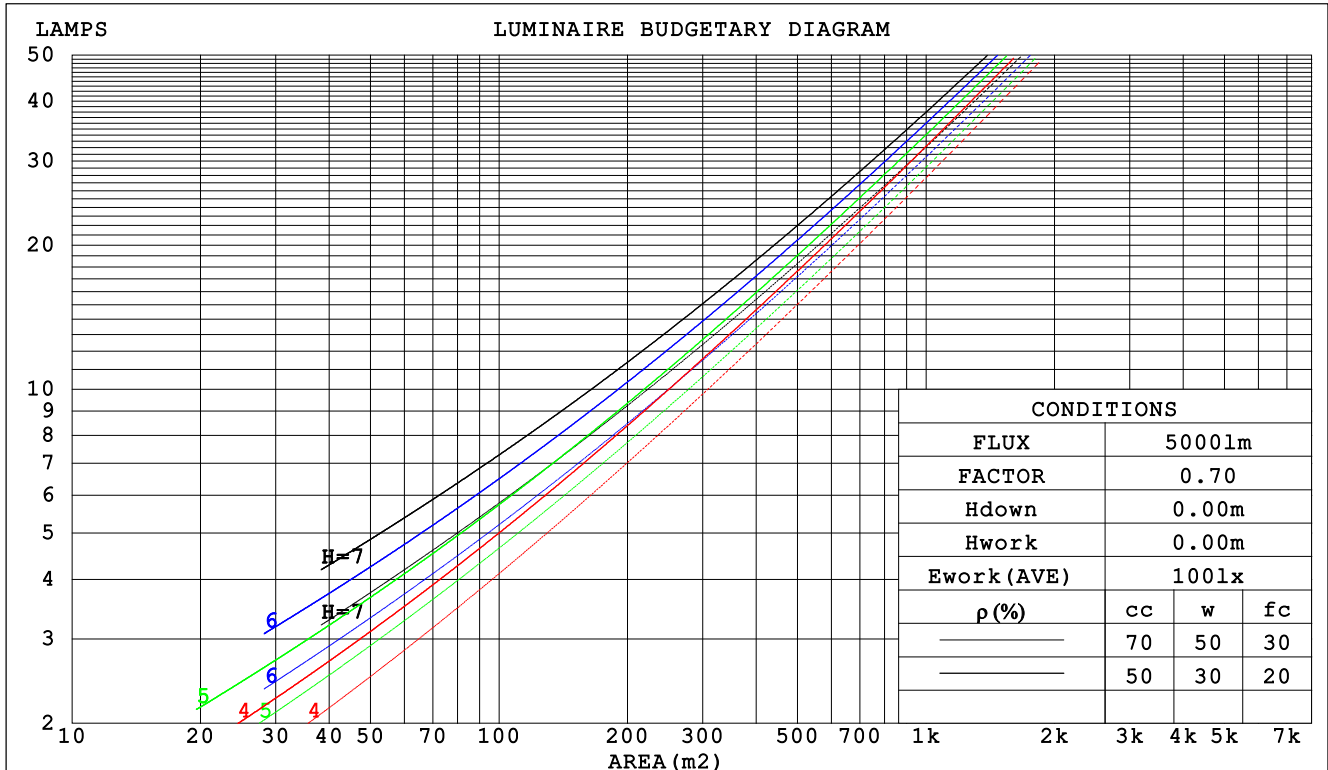
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

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:24.000V I:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
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	.84	.78	.88	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.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	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.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: 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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
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	.309	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.264	.153	.049		
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.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	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030		
7.0	.199	.098	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.161	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.136	.156	.136	.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	.012	
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	.043	.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	.031	.082	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.031	.113	.062	.027	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.027	.108	.058	.024	.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: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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm										
NAME: YJ-VTC-HRB-2835X-24V-G01-3256					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:2022030107		
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	25.7	27.2	27.4	25.2	26.7	25.5	26.9	27.2
3H	27.1	28.5	27.4	28.7	29.0	26.8	28.2	27.1	28.4	28.7
4H	27.8	29.1	28.1	29.4	29.6	27.4	28.7	27.7	29.0	29.2
6H	28.3	29.5	28.6	29.8	30.1	27.8	29.0	28.1	29.3	29.6
8H	28.5	29.7	28.8	30.0	30.3	27.9	29.1	28.2	29.4	29.7
12H	28.6	29.7	28.9	30.0	30.3	27.9	29.0	28.2	29.3	29.7
4H 2H	26.1	27.4	26.4	27.7	27.9	25.9	27.2	26.2	27.5	27.8
3H	27.9	29.1	28.3	29.4	29.7	27.7	28.8	28.0	29.1	29.4
4H	28.7	29.8	29.1	30.1	30.5	28.4	29.5	28.8	29.8	30.1
6H	29.4	30.4	29.8	30.7	31.1	28.9	29.9	29.3	30.2	30.6
8H	29.6	30.5	30.1	30.9	31.3	29.1	29.9	29.5	30.3	30.7
12H	29.8	30.6	30.2	31.0	31.4	29.1	29.9	29.6	30.3	30.7
8H 4H	29.0	29.9	29.5	30.3	30.7	28.7	29.6	29.1	30.0	30.4
6H	29.9	30.6	30.3	31.0	31.4	29.4	30.2	29.9	30.6	31.0
8H	30.2	30.8	30.7	31.3	31.7	29.7	30.3	30.1	30.7	31.2
12H	30.5	31.0	30.9	31.5	32.0	29.8	30.4	30.3	30.8	31.3
12H 4H	29.1	29.9	29.5	30.3	30.7	28.8	29.6	29.2	30.0	30.4
6H	29.9	30.6	30.4	31.0	31.5	29.5	30.2	30.0	30.6	31.0
8H	30.3	30.9	30.8	31.3	31.8	29.8	30.3	30.3	30.8	31.3
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 / - 0.4				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 996.1 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.0$)

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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

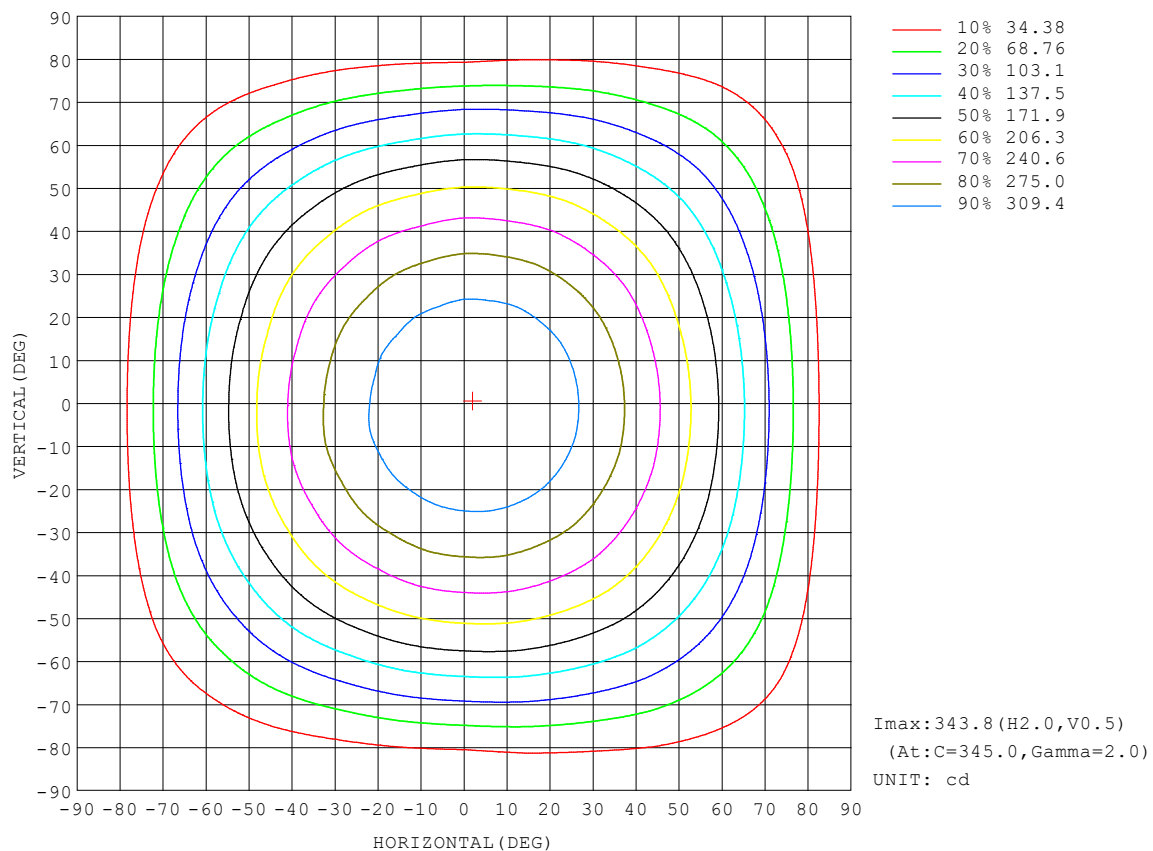
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	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	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	101	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: 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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

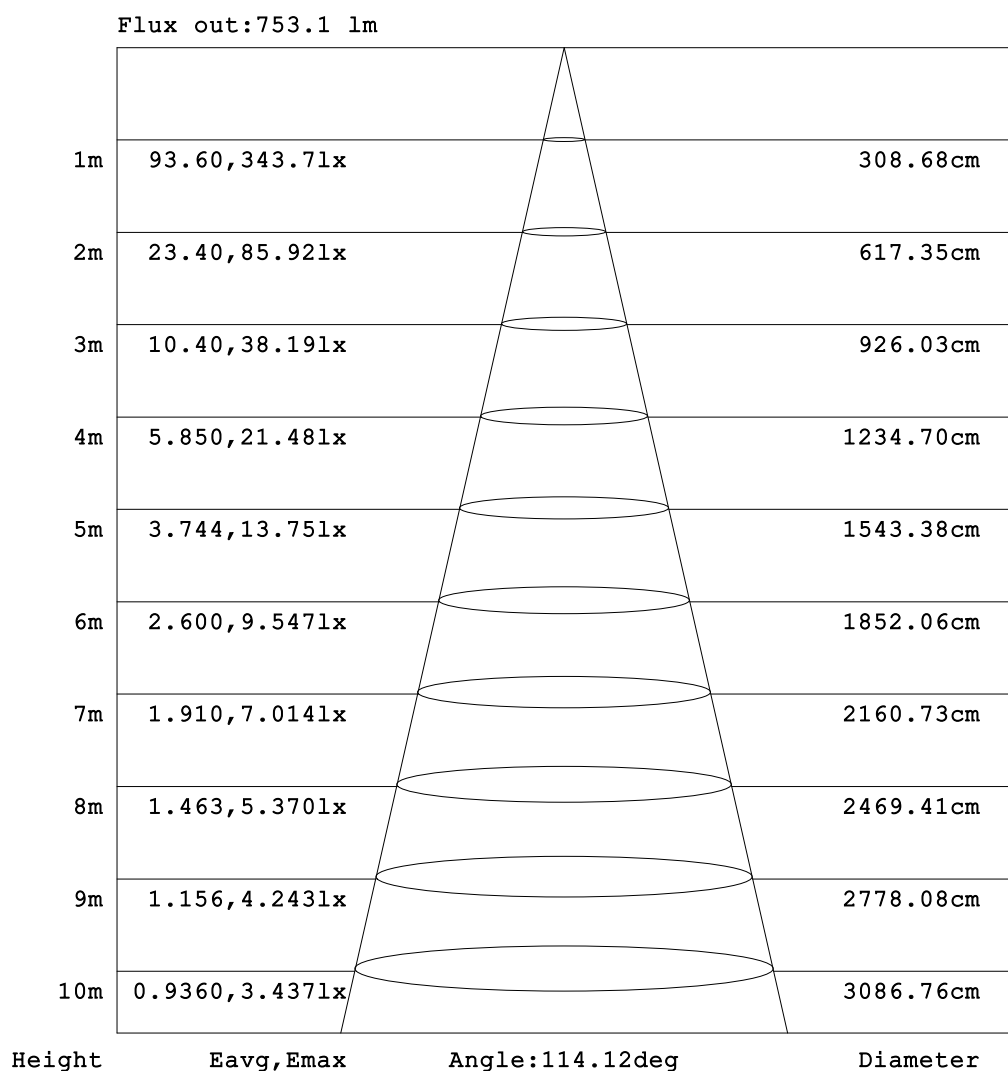


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:



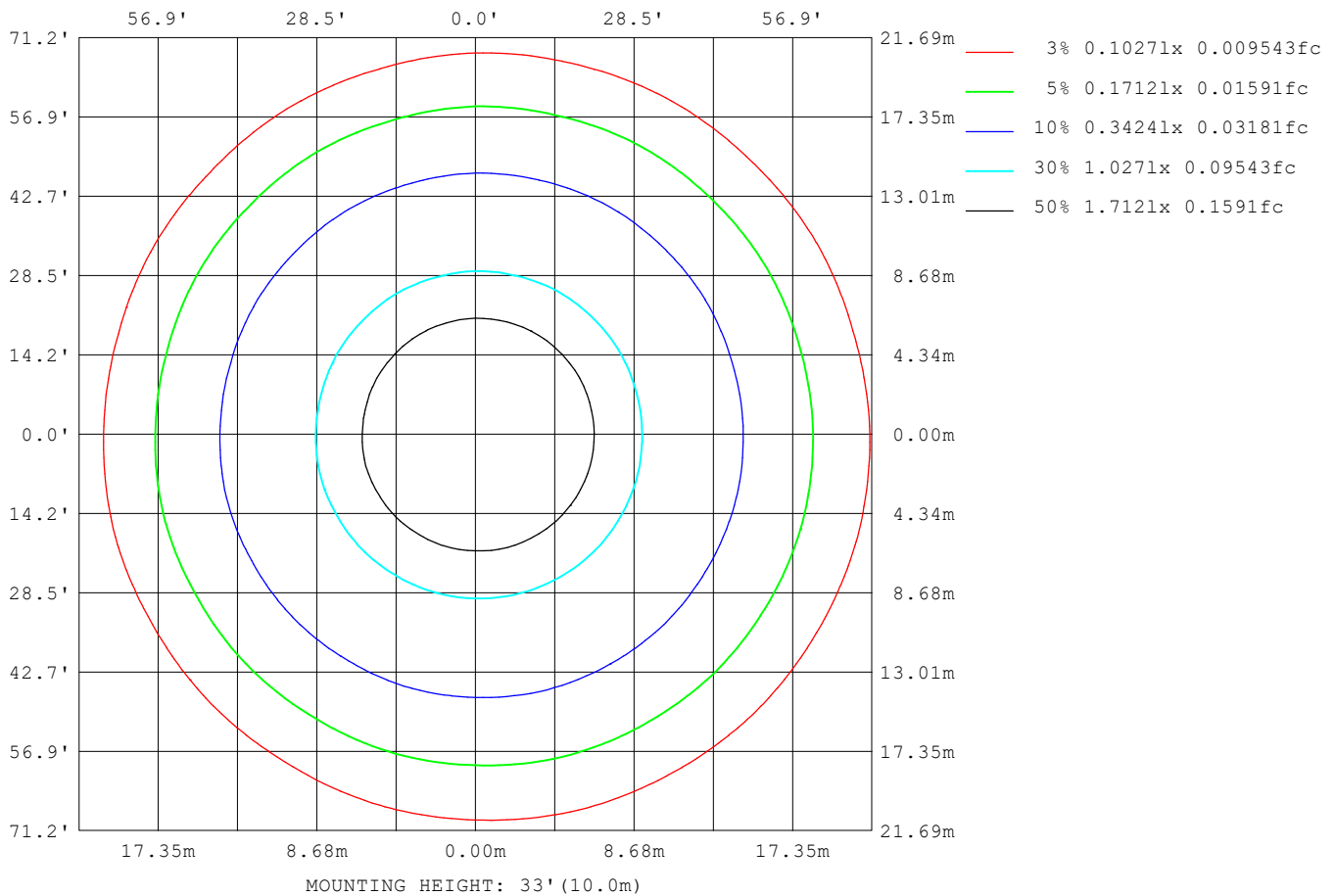
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

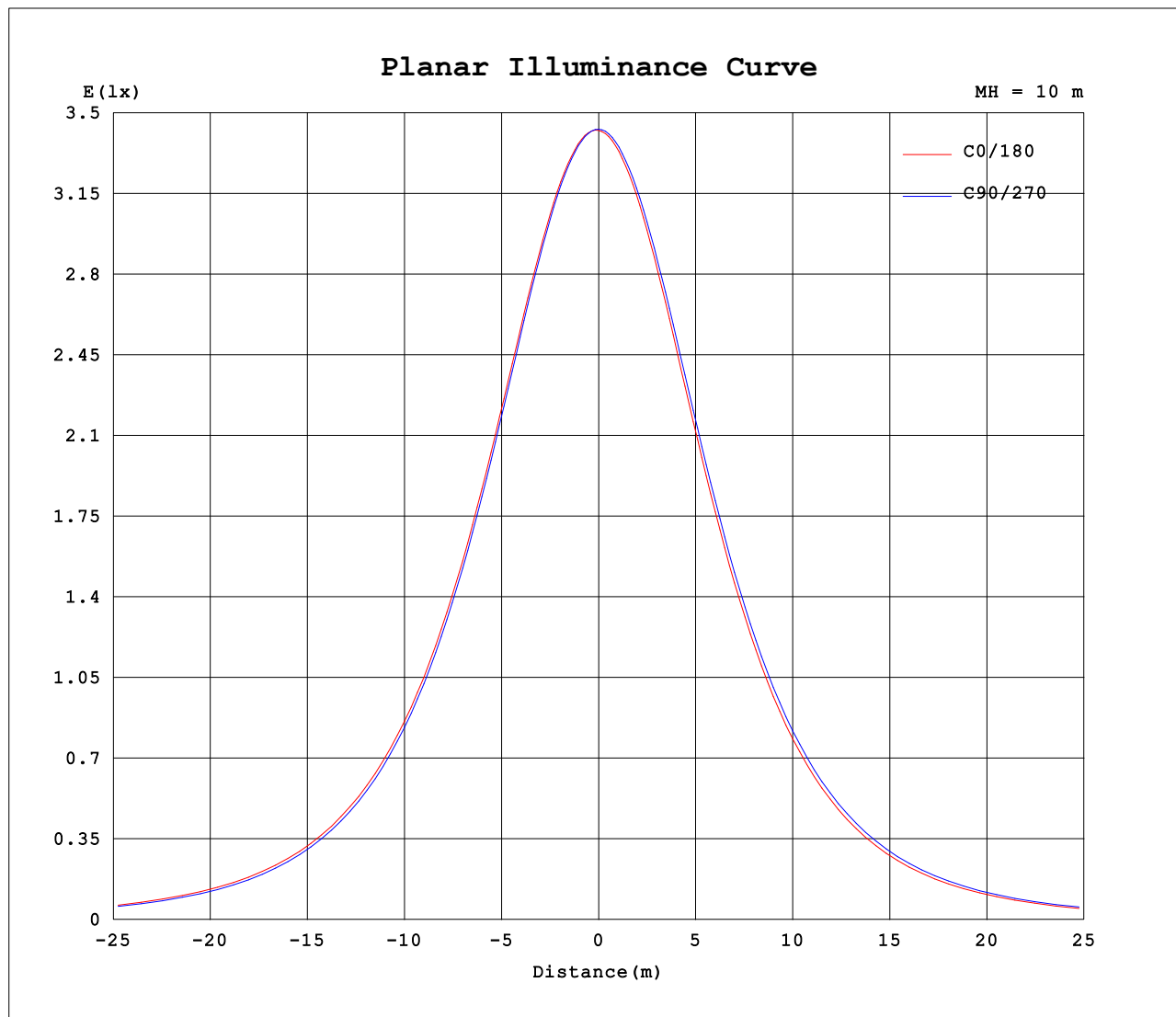
AvgL	cd/m2
L_0~180 (65) av	29745
L_0~180 (75) av	25350
L_0~180 (85) av	16452
L_90~270 (65) av	29809
L_90~270 (75) av	24826
L_90~270 (85) av	10291
L_45 (65) av	29750
L_45 (75) av	25329
L_45 (85) av	16295

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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
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	342	342	343	342	343	343	343	343	343	343	343	344	342	342	343	342	343	343	343
5	342	342	343	342	342	342	342	341	341	341	341	341	340	339	340	340	340	340	341
10	339	340	340	339	339	338	338	337	337	336	335	336	334	333	334	334	335	336	337
15	334	334	334	334	333	332	331	330	329	329	327	328	325	325	326	326	327	328	330
20	325	326	325	325	324	323	322	321	319	318	317	317	314	313	315	315	317	317	320
25	314	314	314	314	313	311	309	308	306	305	303	303	301	300	301	301	304	305	307
30	300	301	300	300	298	297	295	293	291	290	287	287	284	284	285	285	288	289	292
35	283	285	284	284	282	281	278	276	273	272	269	269	266	265	267	267	270	271	274
40	265	266	265	265	263	261	258	256	252	251	248	248	245	244	246	246	249	250	254
45	243	245	244	244	241	239	236	234	230	228	225	225	222	221	223	223	227	228	232
50	220	222	221	220	218	216	212	210	205	204	200	200	197	196	198	198	202	203	207
55	195	196	195	195	192	190	186	183	179	177	174	173	170	169	171	172	175	177	181
60	168	169	168	168	165	163	158	155	151	149	145	145	142	141	143	143	147	148	153
65	139	141	139	139	136	134	129	126	121	119	116	116	112	111	113	114	117	119	123
70	109	111	110	109	106	103	98.5	95.4	90.8	88.7	85.6	85.3	82.3	81.2	83.1	83.5	86.8	88.5	92.7
75	78.4	80.2	79.2	78.7	75.3	72.7	67.9	65.1	60.8	58.9	56.0	55.7	52.8	51.9	53.6	54.2	57.0	58.4	60.6
80	48.6	50.5	49.7	49.4	46.0	43.4	37.4	35.9	32.9	31.6	29.0	28.9	25.9	25.3	26.9	27.2	29.4	30.3	29.9
85	22.0	23.8	23.3	23.0	19.9	17.7	11.3	12.8	10.6	10.1	8.75	8.72	6.67	6.51	7.43	7.44	8.33	8.54	6.61
90	5.38	6.29	6.03	5.10	2.94	1.50	0.22	1.23	1.06	1.00	0.76	0.69	0.35	0.42	0.48	0.55	0.61	0.39	0.09
95	1.03	1.16	0.72	0.42	0.27	0.20	0.20	0.22	0.25	0.25	0.31	0.29	0.15	0.19	0.15	0.16	0.14	0.12	0.14
100	0.36	0.37	0.24	0.22	0.22	0.21	0.20	0.23	0.24	0.26	0.24	0.24	0.17	0.14	0.17	0.14	0.16	0.12	0.15
105	0.22	0.24	0.22	0.25	0.22	0.26	0.22	0.26	0.24	0.28	0.24	0.28	0.20	0.15	0.19	0.14	0.20	0.12	0.18
110	0.22	0.27	0.22	0.27	0.22	0.28	0.23	0.28	0.25	0.32	0.30	0.31	0.22	0.21	0.22	0.17	0.22	0.17	0.23
115	0.23	0.30	0.24	0.30	0.27	0.30	0.25	0.33	0.30	0.36	0.33	0.33	0.26	0.22	0.26	0.22	0.25	0.22	0.24
120	0.27	0.32	0.28	0.33	0.34	0.33	0.33	0.35	0.31	0.38	0.33	0.37	0.30	0.22	0.28	0.22	0.29	0.22	0.28
125	0.32	0.36	0.33	0.36	0.34	0.36	0.33	0.37	0.33	0.41	0.34	0.40	0.34	0.33	0.33	0.26	0.32	0.23	0.31
130	0.33	0.40	0.34	0.39	0.34	0.38	0.33	0.41	0.36	0.44	0.37	0.43	0.39	0.33	0.36	0.31	0.35	0.31	0.35
135	0.40	0.43	0.35	0.42	0.36	0.41	0.36	0.43	0.40	0.46	0.41	0.44	0.42	0.33	0.40	0.32	0.38	0.33	0.37
140	0.44	0.45	0.38	0.43	0.40	0.43	0.40	0.46	0.43	0.46	0.45	0.44	0.46	0.36	0.42	0.35	0.40	0.33	0.39
145	0.46	0.46	0.41	0.45	0.44	0.46	0.44	0.47	0.43	0.46	0.45	0.44	0.49	0.38	0.45	0.43	0.41	0.34	0.43
150	0.46	0.46	0.45	0.46	0.44	0.45	0.46	0.46	0.43	0.46	0.45	0.44	0.51	0.44	0.46	0.44	0.44	0.36	0.43
155	0.46	0.46	0.45	0.46	0.46	0.45	0.46	0.46	0.43	0.46	0.46	0.44	0.51	0.44	0.46	0.46	0.46	0.38	0.46
160	0.48	0.46	0.46	0.45	0.46	0.45	0.46	0.46	0.46	0.46	0.46	0.44	0.51	0.44	0.46	0.46	0.46	0.43	0.46
165	0.48	0.44	0.46	0.44	0.46	0.44	0.46	0.46	0.46	0.46	0.46	0.44	0.51	0.46	0.46	0.46	0.46	0.45	0.46
170	0.40	0.46	0.46	0.43	0.45	0.44	0.45	0.43	0.46	0.46	0.46	0.40	0.51	0.46	0.46	0.46	0.46	0.45	0.46
175	0.40	0.46	0.46	0.43	0.44	0.41	0.42	0.41	0.46	0.46	0.46	0.41	0.49	0.47	0.46	0.46	0.46	0.46	0.46
180	0.46	0.46	0.44	0.45	0.43	0.43	0.41	0.41	0.41	0.44	0.44	0.42	0.49	0.44	0.46	0.46	0.44	0.44	0.43

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:0.7040A P:16.896W PF:1.0000 Freq:0Hz Lamp Flux:996.149x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	343	343	343	343	344														
5	342	342	343	343	343														
10	337	338	339	340	340														
15	330	332	333	334	334														
20	320	323	323	325	325														
25	308	311	311	313	313														
30	293	296	297	299	299														
35	276	279	280	282	282														
40	255	259	260	263	263														
45	233	237	238	241	241														
50	209	213	214	217	218														
55	183	187	188	192	192														
60	154	159	161	164	165														
65	125	130	131	135	135														
70	94.9	99.1	101	105	106														
75	64.4	68.6	70.5	74.0	74.9														
80	35.5	39.4	41.4	44.4	45.2														
85	11.6	14.5	16.2	18.8	19.4														
90	0.79	1.83	2.64	4.04	4.65														
95	0.12	0.14	0.34	0.61	0.92														
100	0.12	0.16	0.15	0.17	0.24														
105	0.12	0.18	0.14	0.19	0.15														
110	0.14	0.22	0.14	0.20	0.15														
115	0.20	0.24	0.20	0.23	0.20														
120	0.21	0.28	0.21	0.28	0.22														
125	0.22	0.31	0.25	0.32	0.22														
130	0.30	0.35	0.31	0.36	0.28														
135	0.35	0.38	0.33	0.38	0.33														
140	0.35	0.39	0.33	0.41	0.33														
145	0.35	0.40	0.35	0.43	0.38														
150	0.35	0.43	0.38	0.45	0.41														
155	0.42	0.44	0.44	0.46	0.44														
160	0.44	0.46	0.46	0.46	0.45														
165	0.45	0.46	0.46	0.46	0.46														
170	0.46	0.46	0.46	0.46	0.46														
175	0.46	0.45	0.46	0.46	0.46														
180	0.41	0.43	0.44	0.43	0.43														

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: