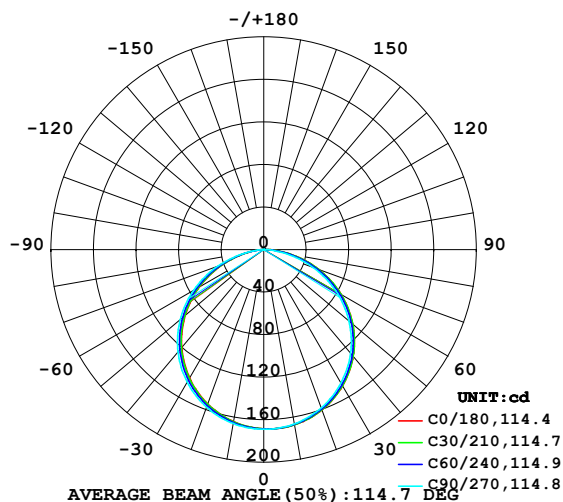


LUMINAIRE PHOTOMETRIC TEST REPORT

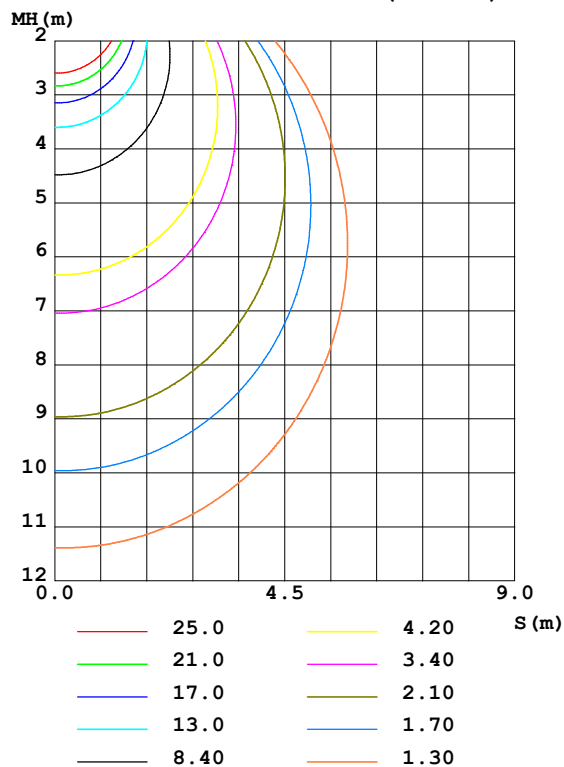
Test:U:12.000V I:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.04 lm/W			
MODEL	V120-12-3256F4C3-W	Imax(cd)	169.7	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	493.96	η UP,DN(C0-180)	0.2,50.9
NOMINAL FLUX(lm)	493.962	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,48.8
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	12	η down(%)	99.7	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:22DEG
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:

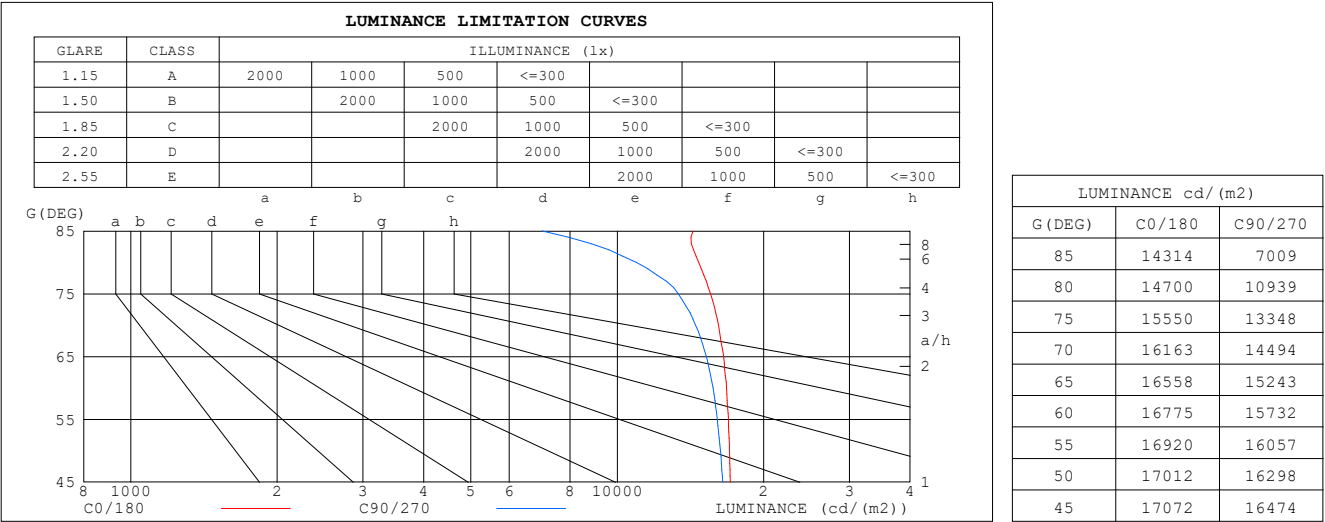
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	167.3	167.1	166.4	166.0	164.3	164.4	166.1	167.4	0- 10	15.99	15.99	3.24,3.24
20	160.4	160.1	158.4	157.1	154.4	154.9	157.6	159.7	10- 20	45.92	61.92	12.5,12.5
30	148.1	147.9	145.1	142.9	139.5	140.3	144.0	146.6	20- 30	69.93	131.9	26.7,26.7
40	131.0	130.7	127.2	124.0	120.0	121.0	125.5	128.8	30- 40	84.95	216.8	43.9,43.9
50	109.4	109.0	104.8	100.9	96.58	97.58	102.7	106.4	40- 50	88.87	305.7	61.9,61.9
60	83.88	83.49	78.66	74.21	69.55	70.83	75.86	80.21	50- 60	81.00	386.7	78.3,78.3
70	55.28	54.86	49.57	44.98	40.66	41.40	46.27	50.82	60- 70	62.02	448.7	90.8,90.8
80	25.53	25.24	19.00	16.82	13.61	13.51	15.22	20.83	70- 80	34.97	483.7	97.9,97.9
90	3.732	3.348	0.1161	0.4623	0.1591	0.2765	0.0726	1.616	80- 90	8.965	492.6	99.7,99.7
100	0.3010	0.1160	0.1207	0.1574	0.1305	0.0870	0.1016	0.1097	90-100	0.4692	493.1	99.8,99.8
110	0.1233	0.1523	0.1253	0.1699	0.2032	0.1159	0.1233	0.1122	100-110	0.1323	493.2	99.8,99.8
120	0.1232	0.1716	0.1299	0.2005	0.2536	0.1327	0.1529	0.1147	110-120	0.1407	493.4	99.9,99.9
130	0.1434	0.1958	0.1521	0.2319	0.2535	0.1356	0.1743	0.1245	120-130	0.1424	493.5	99.9,99.9
140	0.1957	0.2202	0.1929	0.2368	0.2391	0.1594	0.1958	0.1461	130-140	0.1410	493.6	99.9,99.9
150	0.2233	0.2288	0.2146	0.2350	0.2392	0.2042	0.2230	0.1957	140-150	0.1299	493.8	100,100
160	0.2198	0.2232	0.2292	0.2332	0.2392	0.2223	0.2265	0.2226	150-160	0.1028	493.9	100,100
170	0.2175	0.2165	0.2248	0.2372	0.2392	0.2304	0.2297	0.2281	160-170	0.0644	493.9	100,100
180	0.2320	0.2247	0.2030	0.2247	0.2320	0.2320	0.2247	0.2320	170-180	0.0217	494.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:



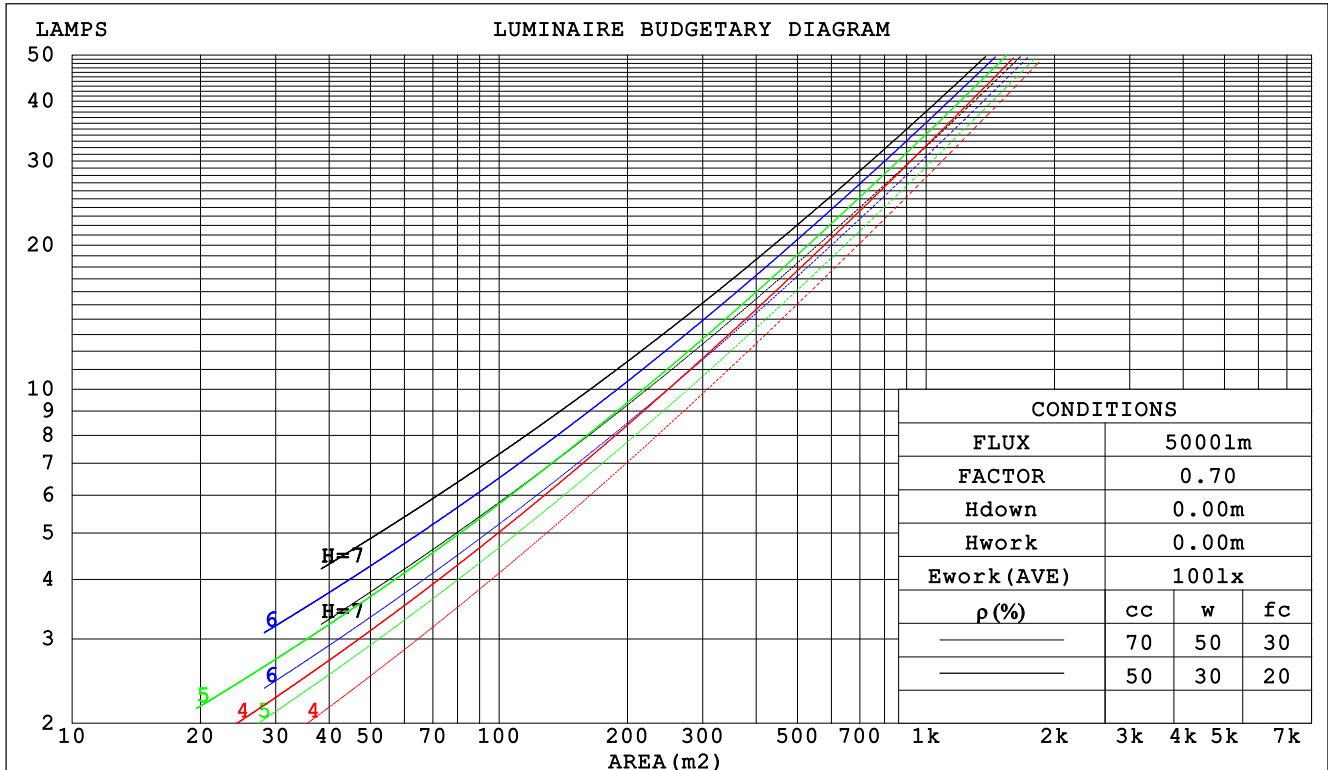
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:SENPU
Test Date:2022-02-28

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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
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	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.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	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.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: 22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
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	.304	.173	.055	.290	.166	.053	.278	.160	.051	.266	.154	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.047	.264	.148	.046	.254	.143	.045		
3.0	.271	.144	.043	.266	.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	.189	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.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	.167	.116	.076	.143	.100	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.137	.089	.052	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.152	.093	.049	.130	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.084	.041	.124	.073	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.138	.078	.035	.119	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.031	.113	.062	.027	.078	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.125	.067	.027	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.062	.025	.103	.054	.021	.072	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm											
NAME: YJ-VTC-HRB-2835X-12V-G01-3256					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:2022022805			
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		23.0	24.5	23.3	24.7	25.0	22.8	24.3	23.1	24.5	24.7
3H		24.7	26.1	25.0	26.4	26.6	24.4	25.8	24.7	26.0	26.3
4H		25.4	26.8	25.7	27.0	27.3	25.0	26.3	25.3	26.6	26.9
6H		26.0	27.2	26.3	27.5	27.8	25.4	26.7	25.7	26.9	27.2
8H		26.2	27.4	26.5	27.7	28.0	25.5	26.7	25.8	27.0	27.3
12H		26.3	27.5	26.7	27.8	28.1	25.5	26.7	25.9	27.0	27.3
4H 2H		23.7	25.0	24.0	25.3	25.5	23.5	24.8	23.8	25.1	25.4
3H		25.6	26.7	25.9	27.0	27.3	25.3	26.4	25.6	26.7	27.1
4H		26.4	27.5	26.8	27.8	28.1	26.0	27.1	26.4	27.4	27.8
6H		27.1	28.1	27.5	28.4	28.8	26.6	27.5	27.0	27.9	28.2
8H		27.4	28.2	27.8	28.6	29.0	26.7	27.6	27.1	28.0	28.4
12H		27.6	28.4	28.0	28.8	29.2	26.8	27.6	27.2	28.0	28.4
8H 4H		26.7	27.6	27.1	28.0	28.4	26.4	27.3	26.8	27.6	28.0
6H		27.6	28.3	28.0	28.7	29.1	27.1	27.8	27.5	28.2	28.7
8H		27.9	28.6	28.4	29.0	29.5	27.3	28.0	27.8	28.4	28.9
12H		28.2	28.8	28.7	29.3	29.7	27.5	28.1	28.0	28.5	29.0
12H 4H		26.7	27.5	27.2	27.9	28.3	26.4	27.2	26.8	27.6	28.0
6H		27.6	28.3	28.1	28.7	29.2	27.2	27.8	27.6	28.3	28.7
8H		28.0	28.6	28.5	29.1	29.5	27.5	28.0	28.0	28.5	29.0
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 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 494.0 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.5$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:

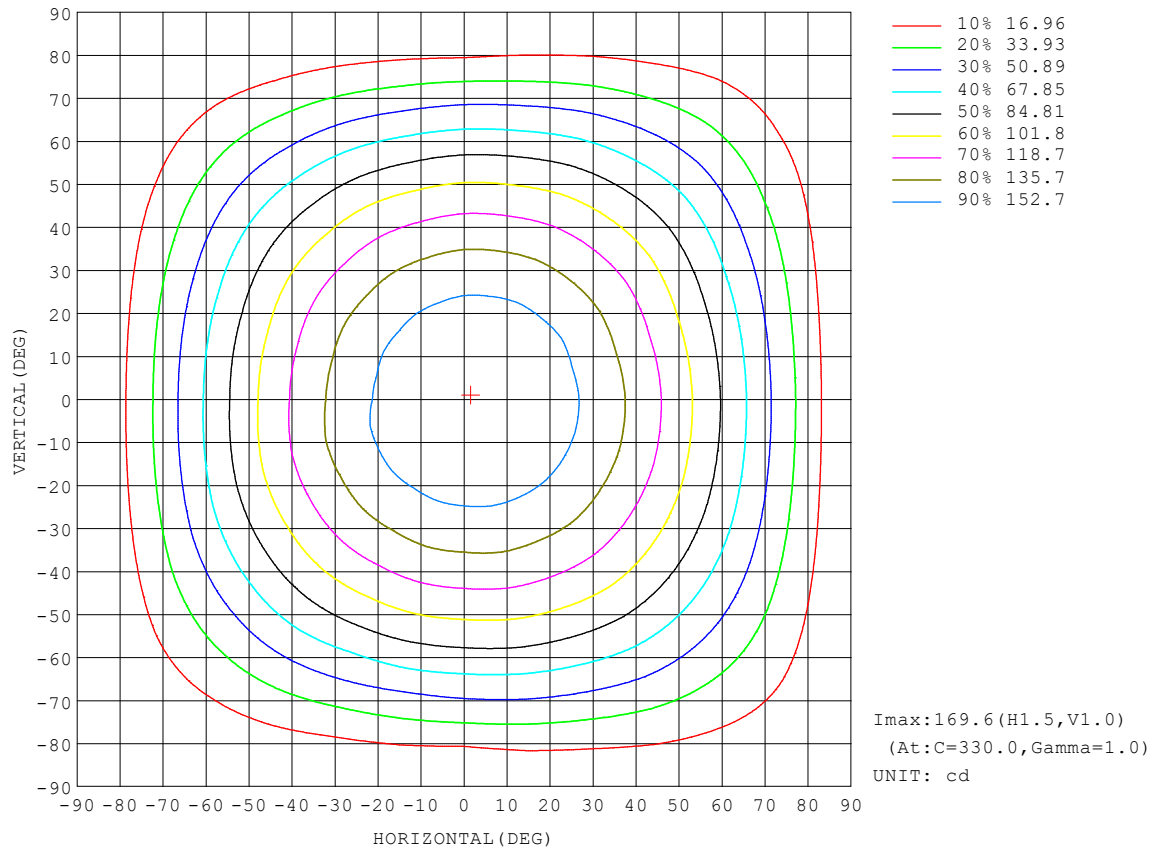
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	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	88	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: 22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:

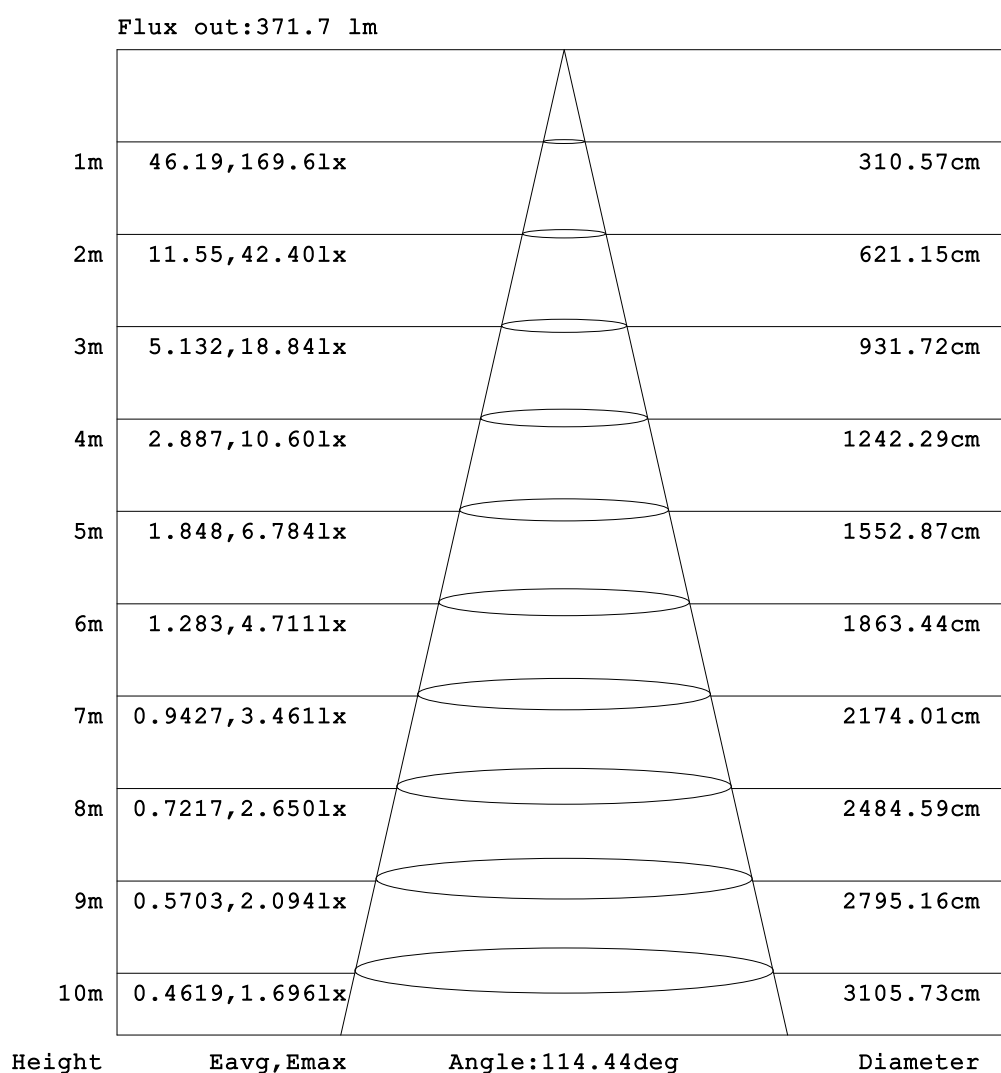


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:SENPU
Test Date:2022-02-28

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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:



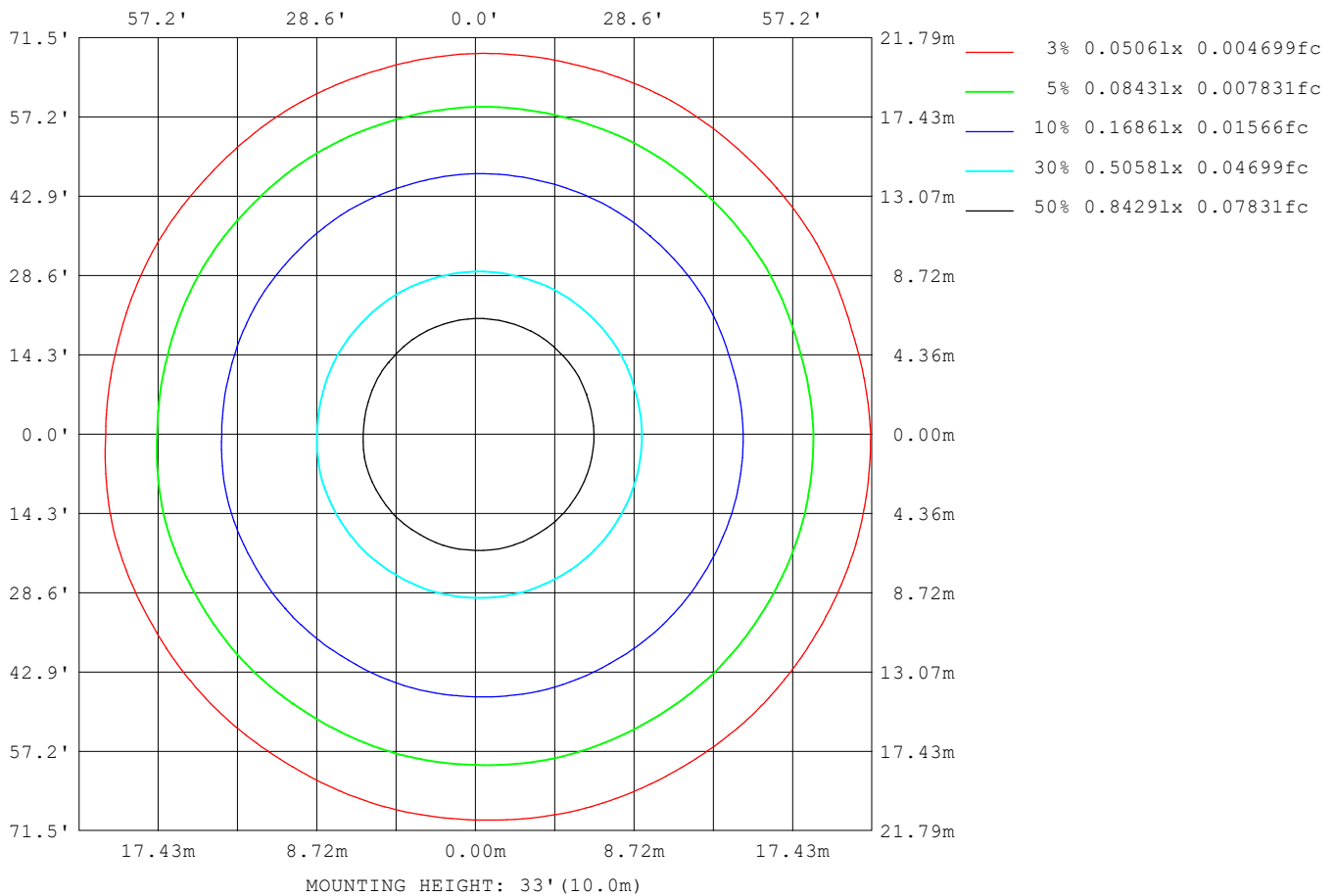
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:

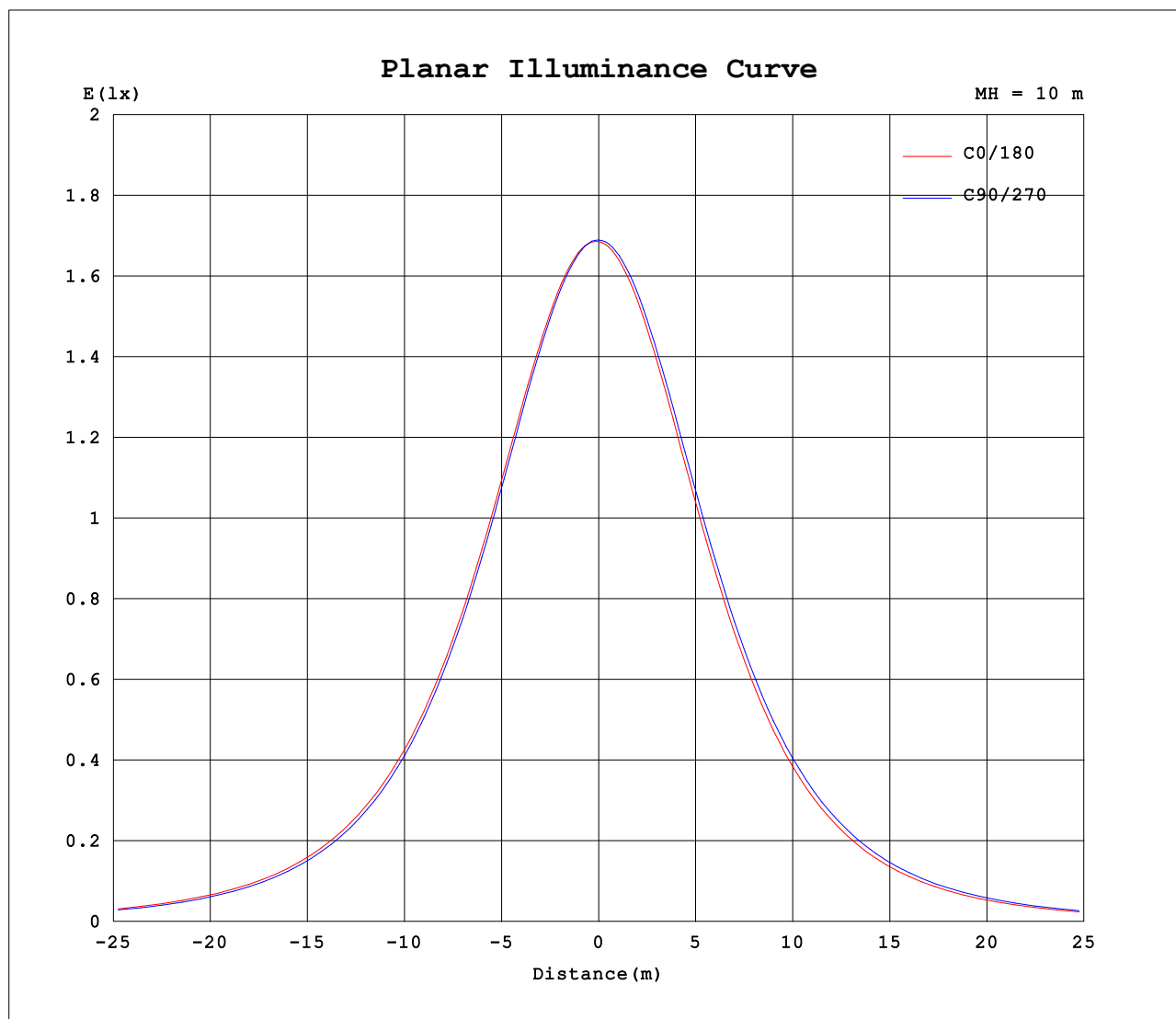
AvgL	cd/m2
L_0~180 (65) av	14818
L_0~180 (75) av	12898
L_0~180 (85) av	9334
L_90~270 (65) av	14879
L_90~270 (75) av	12534
L_90~270 (85) av	5623
L_45 (65) av	14852
L_45 (75) av	12788
L_45 (85) av	8722

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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: 22DEG
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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
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	169	168	169	169	169	169	169	169	169	169	170	169	169	168	169	169	169	169	169
5	169	169	169	168	168	168	168	168	168	168	168	168	167	167	167	167	168	168	168
10	167	167	167	167	167	167	166	166	166	166	166	165	164	164	164	164	165	165	166
15	164	165	164	164	164	164	163	163	162	162	162	161	160	160	160	160	161	162	163
20	160	160	160	160	160	159	158	158	157	157	156	156	154	154	155	155	156	157	158
25	155	155	155	155	154	153	152	152	151	151	150	149	148	147	148	148	149	150	151
30	148	148	148	148	147	147	145	145	143	143	142	142	140	139	140	140	142	143	144
35	140	141	140	140	139	138	137	136	134	134	133	133	130	130	131	131	133	134	135
40	131	131	131	131	129	129	127	126	125	124	123	122	120	120	121	121	123	124	125
45	121	121	121	120	119	118	116	115	114	113	112	111	109	108	109	110	112	113	115
50	109	110	109	109	108	107	105	104	102	101	99.5	99.1	96.6	96.0	97.3	97.6	99.6	100	103
55	97.0	97.6	97.0	96.8	95.2	94.3	92.1	91.0	88.7	88.0	86.5	86.1	83.4	83.0	84.2	84.6	86.5	87.5	89.7
60	83.9	84.4	83.8	83.5	81.9	80.8	78.7	77.3	75.2	74.2	72.8	72.4	69.6	69.2	70.3	70.8	72.6	73.8	75.9
65	70.0	70.5	69.9	69.5	67.9	66.8	64.4	63.0	60.8	59.8	58.4	58.0	55.3	54.8	55.9	56.2	58.0	59.1	61.3
70	55.3	55.9	55.3	54.9	53.2	52.0	49.6	46.9	46.0	45.0	43.6	43.4	40.7	40.2	41.2	41.4	43.1	44.0	46.3
75	40.2	40.9	40.2	39.9	38.2	36.9	34.5	33.1	30.9	30.2	29.0	28.9	26.5	26.0	26.7	26.9	28.2	29.1	30.3
80	25.5	26.2	25.5	25.2	23.5	22.3	19.0	18.7	17.1	16.8	15.7	15.7	13.6	13.1	13.6	13.5	14.6	15.0	15.2
85	12.5	13.1	12.5	12.2	10.7	9.63	6.11	7.07	6.15	5.98	5.23	5.25	3.80	3.46	3.80	3.71	4.24	4.38	3.69
90	3.73	4.07	3.75	3.35	1.37	0.69	0.12	0.42	0.52	0.46	0.39	0.32	0.16	0.24	0.20	0.28	0.22	0.17	0.07
95	1.58	1.54	0.29	0.85	0.14	0.15	0.12	0.13	0.12	0.17	0.15	0.14	0.10	0.12	0.11	0.09	0.09	0.09	0.08
100	0.30	0.12	0.12	0.12	0.12	0.14	0.12	0.14	0.11	0.16	0.13	0.14	0.13	0.09	0.12	0.09	0.09	0.09	0.10
105	0.13	0.13	0.12	0.14	0.12	0.14	0.12	0.15	0.11	0.17	0.13	0.16	0.17	0.09	0.12	0.09	0.11	0.09	0.11
110	0.12	0.15	0.12	0.15	0.13	0.16	0.13	0.16	0.11	0.17	0.13	0.16	0.20	0.09	0.13	0.12	0.14	0.09	0.12
115	0.12	0.17	0.12	0.16	0.13	0.17	0.13	0.17	0.11	0.19	0.13	0.17	0.25	0.09	0.14	0.13	0.15	0.09	0.14
120	0.12	0.18	0.12	0.17	0.13	0.18	0.13	0.20	0.12	0.20	0.14	0.19	0.25	0.09	0.16	0.13	0.16	0.09	0.15
125	0.14	0.19	0.12	0.19	0.13	0.20	0.14	0.21	0.13	0.21	0.15	0.21	0.25	0.12	0.16	0.13	0.17	0.09	0.16
130	0.14	0.20	0.14	0.20	0.15	0.20	0.15	0.22	0.17	0.23	0.17	0.22	0.25	0.12	0.19	0.14	0.18	0.11	0.17
135	0.18	0.21	0.15	0.21	0.19	0.21	0.16	0.23	0.21	0.23	0.18	0.22	0.25	0.13	0.20	0.14	0.19	0.12	0.19
140	0.20	0.22	0.18	0.22	0.20	0.22	0.19	0.23	0.22	0.24	0.19	0.22	0.24	0.15	0.22	0.16	0.20	0.14	0.20
145	0.22	0.24	0.21	0.23	0.21	0.22	0.21	0.23	0.22	0.24	0.20	0.23	0.24	0.17	0.22	0.19	0.21	0.15	0.21
150	0.22	0.24	0.22	0.23	0.22	0.22	0.21	0.23	0.22	0.23	0.21	0.23	0.24	0.21	0.23	0.20	0.22	0.17	0.22
155	0.22	0.24	0.22	0.23	0.22	0.23	0.23	0.22	0.22	0.23	0.21	0.23	0.24	0.22	0.24	0.22	0.22	0.20	0.22
160	0.22	0.24	0.23	0.22	0.22	0.23	0.23	0.22	0.22	0.23	0.22	0.23	0.24	0.22	0.24	0.22	0.23	0.21	0.23
165	0.22	0.24	0.23	0.21	0.23	0.23	0.23	0.22	0.22	0.23	0.23	0.22	0.24	0.23	0.24	0.23	0.24	0.22	0.23
170	0.22	0.23	0.23	0.22	0.22	0.23	0.22	0.22	0.22	0.24	0.23	0.21	0.24	0.23	0.24	0.23	0.24	0.22	0.23
175	0.22	0.23	0.22	0.22	0.22	0.22	0.21	0.22	0.22	0.22	0.23	0.21	0.24	0.23	0.24	0.23	0.24	0.22	0.23
180	0.23	0.24	0.22	0.22	0.22	0.22	0.20	0.22	0.22	0.22	0.23	0.23	0.23	0.22	0.24	0.23	0.23	0.22	0.22

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:22DEG

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:0.6530A P:7.8360W PF:1.0000 Freq:0Hz Lamp Flux:493.962x1 lm		
NAME: YJ-VTC-HRB-2835X-12V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022022805
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	169	169	169	170	169														
5	169	169	169	169	169														
10	167	167	167	168	167														
15	163	164	164	165	164														
20	158	159	160	160	160														
25	152	153	154	155	154														
30	145	146	147	148	147														
35	136	138	138	139	139														
40	127	128	129	130	130														
45	116	117	118	119	119														
50	104	106	106	108	107														
55	90.8	92.9	93.7	95.2	94.9														
60	77.2	79.2	80.2	81.6	81.6														
65	62.4	64.7	65.6	67.4	67.2														
70	47.6	49.7	50.8	52.4	52.5														
75	32.2	34.4	35.5	37.2	37.4														
80	17.8	19.9	20.8	22.4	22.7														
85	6.25	7.73	8.54	9.83	10.1														
90	0.44	1.11	1.62	2.25	2.44														
95	0.11	0.09	0.44	0.79	1.05														
100	0.11	0.11	0.11	0.09	0.17														
105	0.12	0.12	0.11	0.11	0.12														
110	0.12	0.13	0.11	0.11	0.12														
115	0.12	0.14	0.11	0.13	0.12														
120	0.12	0.15	0.11	0.15	0.13														
125	0.12	0.17	0.12	0.16	0.13														
130	0.12	0.18	0.12	0.18	0.14														
135	0.12	0.19	0.13	0.19	0.14														
140	0.13	0.20	0.15	0.21	0.16														
145	0.17	0.21	0.16	0.22	0.18														
150	0.18	0.22	0.20	0.22	0.20														
155	0.20	0.22	0.22	0.24	0.22														
160	0.22	0.22	0.22	0.23	0.22														
165	0.23	0.23	0.23	0.23	0.22														
170	0.23	0.24	0.23	0.23	0.22														
175	0.23	0.23	0.23	0.24	0.22														
180	0.23	0.24	0.23	0.23	0.23														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:22DEG
 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: