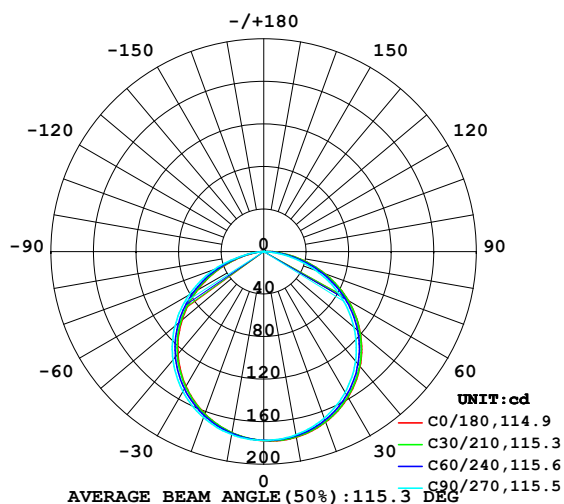


LUMINAIRE PHOTOMETRIC TEST REPORT

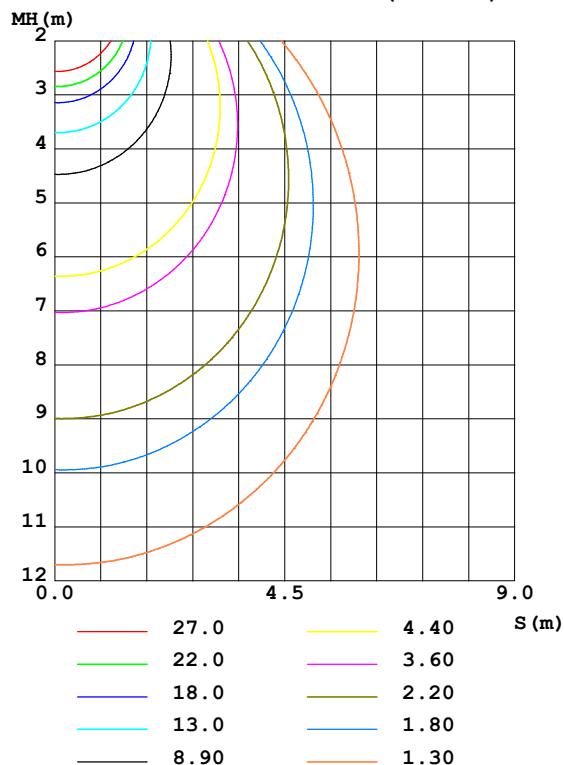
Test:U:24.000V I:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.44 lm/W			
MODEL	V120-24-3256LB10-C	Imax(cd)	178.3	S/MH(C0/180)	1.23
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	522.99	η UP,DN(C0-180)	0.2,50.9
NOMINAL FLUX(lm)	522.992	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)	24	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: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:

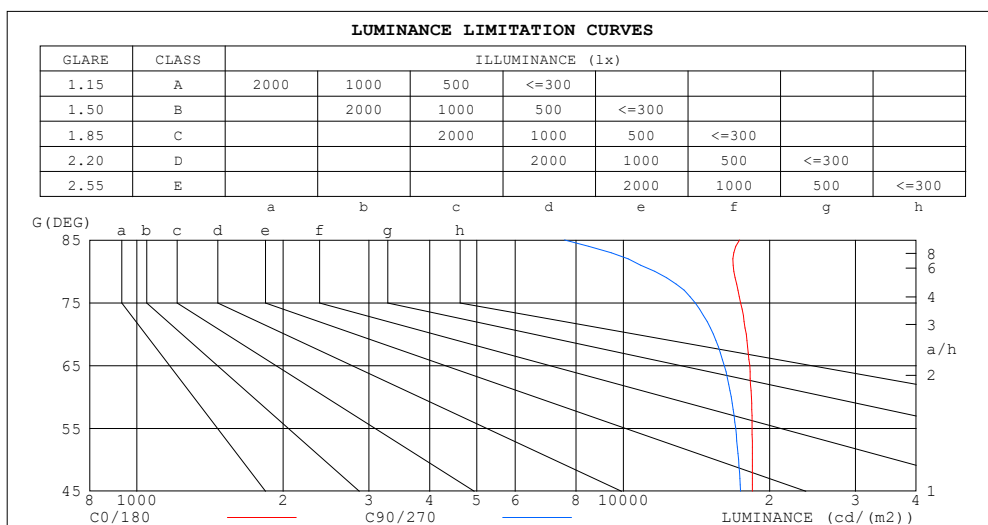
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	177.1	176.3	174.9	173.9	172.9	172.9	174.6	176.1	0- 10	16.82	16.82	3.22,3.22
20	170.5	169.6	166.7	164.3	162.3	162.7	166.0	168.6	10- 20	48.35	65.18	12.5,12.5
30	158.4	157.4	153.0	149.5	146.3	147.4	152.1	155.6	20- 30	73.77	139.0	26.6,26.6
40	140.9	139.8	134.4	129.6	125.6	127.2	132.9	137.1	30- 40	89.81	228.8	43.7,43.7
50	118.5	117.4	110.9	105.0	100.5	102.2	109.1	114.0	40- 50	94.15	322.9	61.7,61.7
60	91.73	90.56	83.34	76.57	71.53	73.77	80.86	86.33	50- 60	85.94	408.9	78.2,78.2
70	61.22	60.22	52.37	45.37	40.49	42.36	49.41	55.34	60- 70	65.80	474.7	90.8,90.8
80	29.33	28.57	20.16	15.61	12.27	13.34	16.28	23.52	70- 80	37.02	511.7	97.8,97.8
90	5.183	4.129	0.1236	0.4986	0.1732	0.3354	0.0652	2.132	80- 90	9.810	521.5	99.7,99.7
100	0.6391	0.1305	0.1160	0.1523	0.1087	0.0797	0.0870	0.1090	90-100	0.5756	522.1	99.8,99.8
110	0.1450	0.1595	0.1160	0.1813	0.1451	0.0797	0.1232	0.1015	100-110	0.1435	522.2	99.9,99.9
120	0.1450	0.1885	0.1232	0.2248	0.1814	0.1014	0.1522	0.1015	110-120	0.1397	522.3	99.9,99.9
130	0.1885	0.2175	0.1667	0.2320	0.2248	0.1377	0.1885	0.1304	120-130	0.1509	522.5	99.9,99.9
140	0.2102	0.2392	0.2247	0.2392	0.2610	0.2175	0.2176	0.1812	130-140	0.1576	522.7	99.9,99.9
150	0.2247	0.2392	0.2247	0.2392	0.2900	0.2320	0.2320	0.2102	140-150	0.1398	522.8	100,100
160	0.2678	0.2392	0.2319	0.2392	0.3045	0.2320	0.2320	0.2247	150-160	0.1071	522.9	100,100
170	0.2248	0.2392	0.2320	0.2320	0.3117	0.2320	0.2320	0.2247	160-170	0.0665	523.0	100,100
180	0.2320	0.2392	0.2247	0.2320	0.2682	0.2320	0.2320	0.2320	170-180	0.0223	523.0	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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	17338	7568
80	16888	11609
75	17431	14047
70	17900	15312
65	18197	16129
60	18346	16669
55	18407	17024
50	18428	17259
45	18427	17424

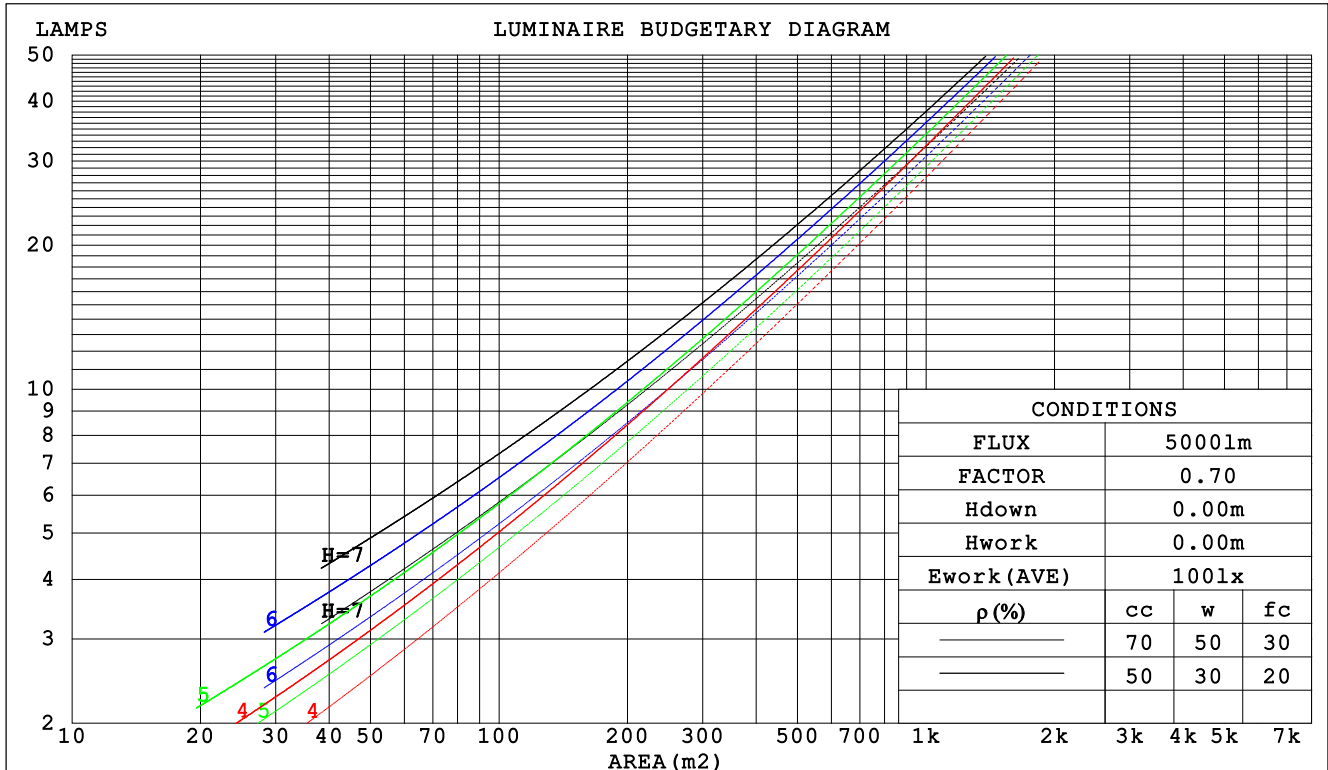
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 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	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.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	.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	.39	.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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 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	.312	.177	.056	.304	.174	.055	.291	.167	.053	.279	.161	.052	.267	.155	.050		
2.0	.293	.161	.049	.287	.158	.049	.275	.153	.048	.264	.148	.046	.254	.144	.045		
3.0	.272	.145	.043	.266	.142	.043	.255	.138	.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	.086	.025		
9.0	.175	.085	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.183	.158	.136	.156	.136	.117	.107	.093	.081	.062	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.150	.115	.086	.103	.080	.060	.059	.046	.035	.019	.015	.012	
3.0	.167	.117	.076	.143	.101	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.137	.089	.052	.094	.062	.037	.054	.036	.022	.018	.012	.007	
5.0	.152	.093	.049	.131	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.041	.125	.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	.132	.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	.063	.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: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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 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		23.4	24.9	23.7	25.1	25.3	23.0	24.6	23.3	24.8	25.0
3H		25.1	26.6	25.4	26.8	27.0	24.6	26.0	24.9	26.3	26.5
4H		25.9	27.2	26.2	27.5	27.8	25.2	26.6	25.6	26.8	27.1
6H		26.5	27.7	26.8	28.0	28.3	25.7	26.9	26.0	27.2	27.5
8H		26.7	27.9	27.0	28.2	28.5	25.8	27.0	26.1	27.3	27.6
12H		26.9	28.0	27.2	28.3	28.7	25.8	27.0	26.1	27.3	27.6
4H 2H		24.0	25.4	24.4	25.6	25.9	23.8	25.1	24.1	25.4	25.6
3H		26.0	27.2	26.3	27.5	27.8	25.6	26.7	25.9	27.0	27.4
4H		26.9	28.0	27.3	28.3	28.6	26.3	27.4	26.7	27.7	28.1
6H		27.6	28.6	28.0	28.9	29.3	26.9	27.8	27.3	28.2	28.6
8H		27.9	28.8	28.3	29.2	29.6	27.0	27.9	27.4	28.3	28.7
12H		28.1	29.0	28.6	29.4	29.8	27.1	27.9	27.5	28.3	28.7
8H 4H		27.2	28.1	27.6	28.4	28.8	26.7	27.6	27.1	28.0	28.3
6H		28.1	28.8	28.5	29.3	29.7	27.4	28.2	27.9	28.6	29.0
8H		28.5	29.2	29.0	29.6	30.0	27.7	28.3	28.1	28.8	29.2
12H		28.9	29.4	29.3	29.9	30.4	27.9	28.4	28.3	28.9	29.4
12H 4H		27.2	28.0	27.6	28.4	28.8	26.7	27.6	27.2	27.9	28.4
6H		28.2	28.8	28.6	29.3	29.7	27.5	28.2	28.0	28.6	29.1
8H		28.6	29.2	29.1	29.6	30.1	27.8	28.4	28.3	28.9	29.3
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, 523.0 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.3$)

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

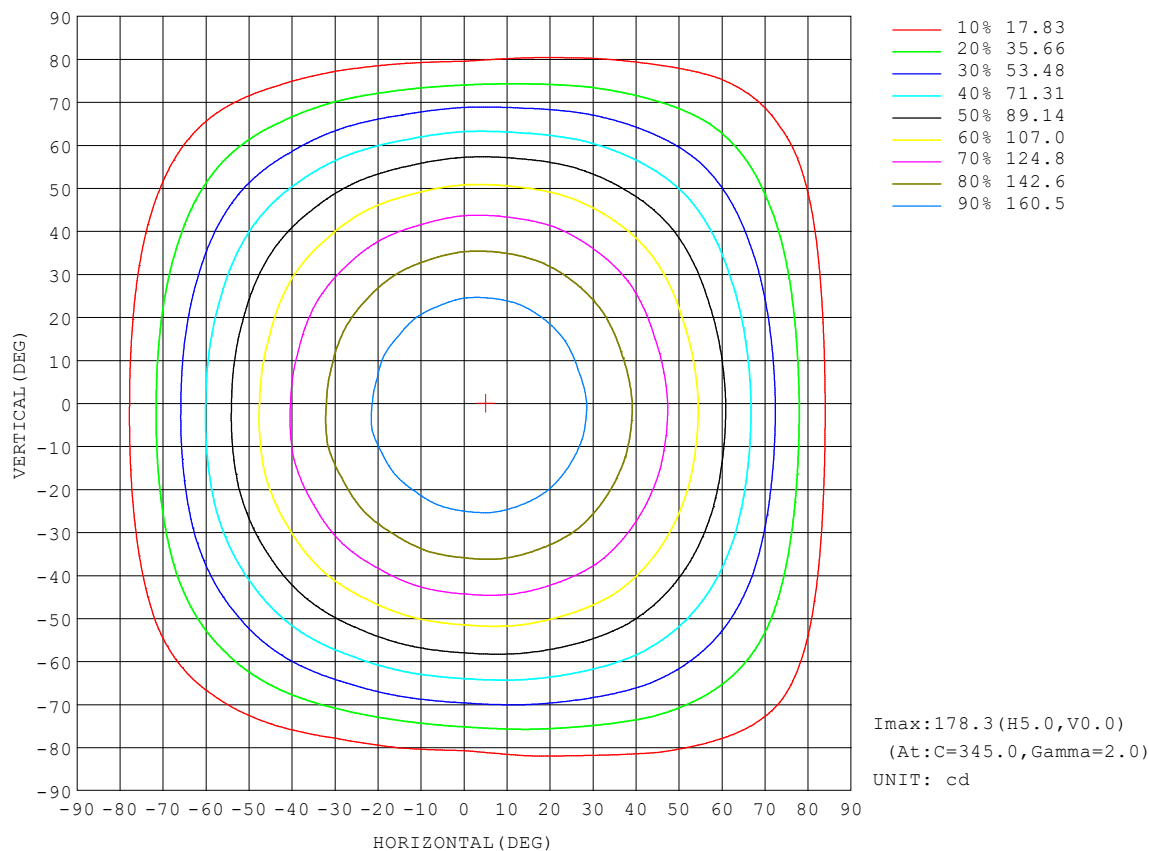
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	91	86	78
4.00	106	100	96	104	98	94	99	95	91	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: 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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

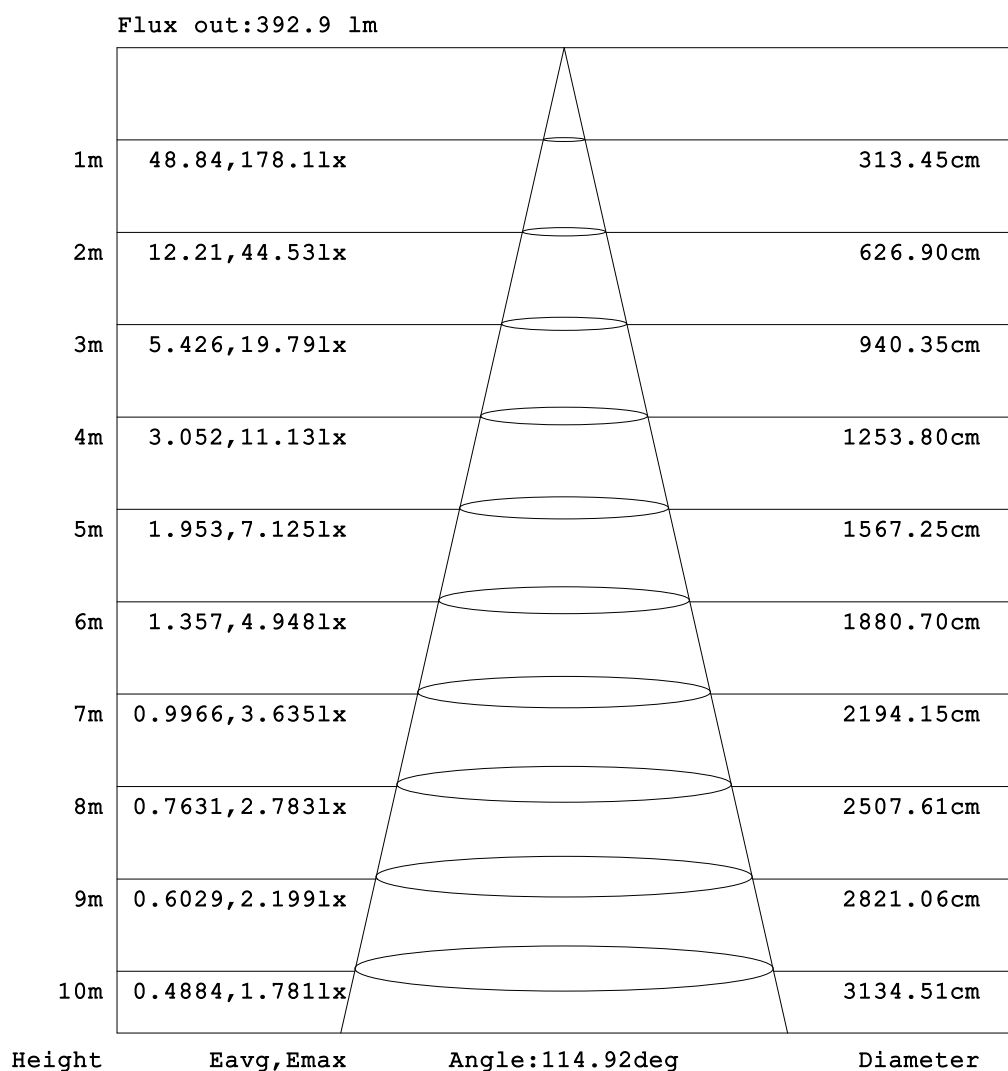


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:SENPU
Test Date:2022-02-28

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:



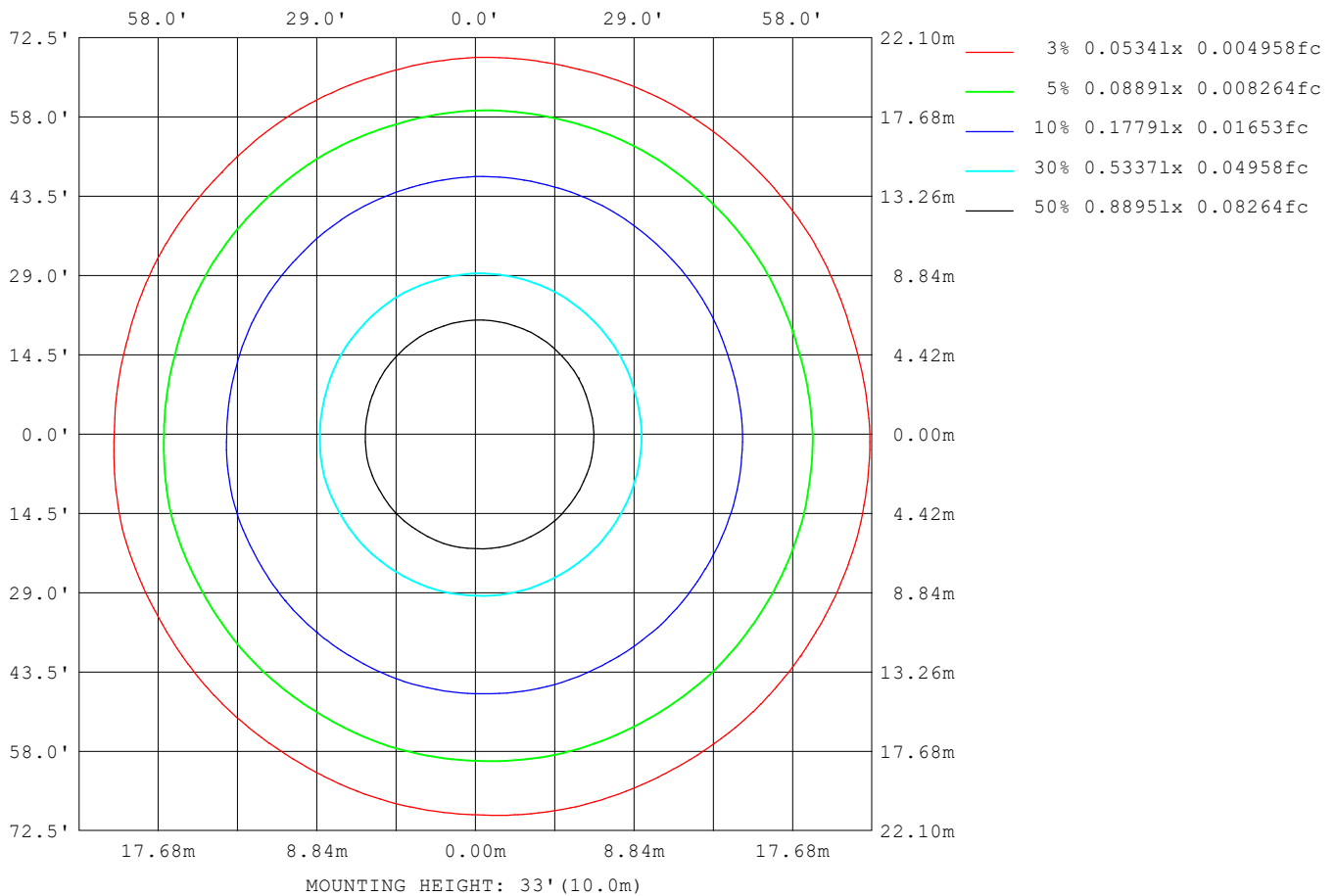
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

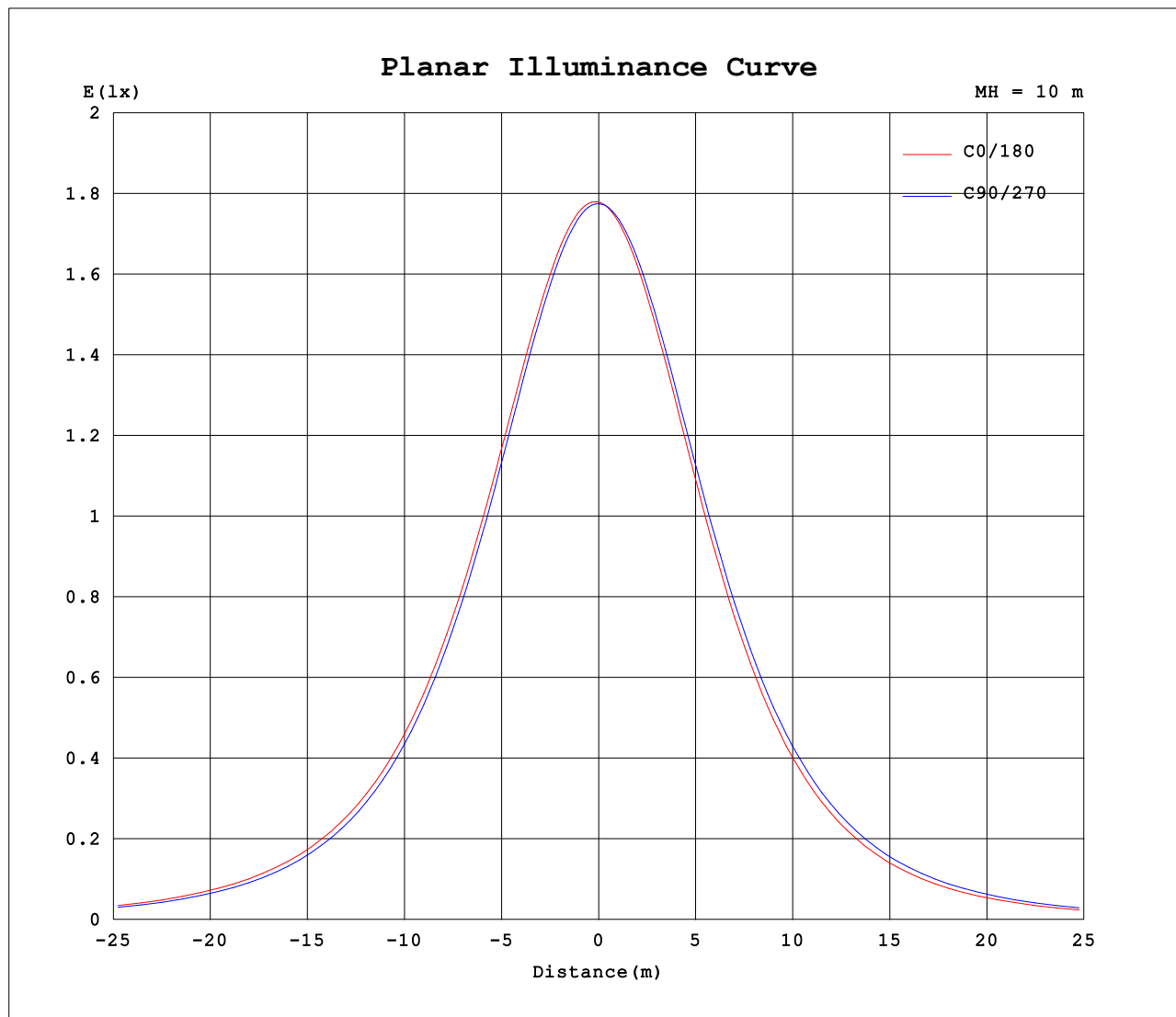
AvgL	cd/m2
L_0~180 (65) av	15737
L_0~180 (75) av	13638
L_0~180 (85) av	10569
L_90~270 (65) av	15801
L_90~270 (75) av	13240
L_90~270 (85) av	6005
L_45 (65) av	15742
L_45 (75) av	13514
L_45 (85) av	9608

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 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	178	178	178	177	177	178	177	178	178	178	178	178	178	178	178	177	177	178	177
5	178	178	178	178	177	177	177	177	177	177	176	177	176	176	176	176	176	176	177
10	177	177	177	176	176	176	175	175	174	174	173	174	173	172	173	173	174	174	175
15	175	174	174	174	173	172	171	171	170	170	169	169	168	168	168	168	169	170	171
20	171	170	170	170	169	168	167	166	165	164	163	163	162	162	163	163	164	165	166
25	165	165	165	164	163	162	161	160	158	157	156	156	155	154	155	156	157	158	160
30	158	159	158	157	156	155	153	152	150	150	148	148	146	146	147	147	149	150	152
35	150	151	150	149	148	147	144	143	141	140	139	139	137	136	137	138	140	141	143
40	141	141	140	140	138	137	134	133	131	130	128	128	126	125	126	127	129	130	133
45	130	131	130	129	127	126	123	122	119	118	116	116	114	113	115	115	118	119	122
50	118	119	118	117	115	114	111	109	106	105	103	103	100	99.9	102	102	105	106	109
55	106	106	105	105	102	101	97.6	95.7	92.7	91.3	89.3	88.9	86.4	86.1	87.6	88.4	91.0	92.6	95.4
60	91.7	92.2	91.3	90.6	88.4	86.5	83.3	81.2	78.2	76.6	74.5	74.2	71.5	71.1	72.7	73.8	76.2	77.7	80.9
65	76.9	77.4	76.5	75.8	73.4	71.5	68.2	65.9	62.9	61.2	59.1	58.8	56.1	55.8	57.3	57.9	60.8	62.5	65.4
70	61.2	61.9	61.0	60.2	57.8	55.7	52.4	50.1	46.9	45.4	43.3	43.1	40.5	40.2	41.6	42.4	44.9	46.5	49.4
75	45.1	45.9	45.0	44.2	41.7	39.7	36.4	33.6	31.1	29.6	27.9	27.7	25.5	25.3	26.4	26.9	29.1	30.6	32.2
80	29.3	30.2	29.2	28.6	26.2	24.2	20.2	19.1	16.5	15.6	14.2	14.2	12.3	12.1	13.1	13.3	15.0	15.9	16.3
85	15.1	15.9	15.1	14.6	12.5	10.8	6.60	6.85	5.43	4.97	4.30	4.36	3.31	3.27	3.75	3.83	4.52	4.83	3.87
90	5.18	5.70	5.31	4.13	2.30	0.89	0.12	0.66	0.60	0.50	0.41	0.33	0.17	0.23	0.24	0.34	0.36	0.31	0.07
95	1.52	1.66	0.93	0.34	0.24	0.12	0.12	0.12	0.15	0.14	0.17	0.14	0.10	0.12	0.10	0.08	0.09	0.07	0.07
100	0.64	0.59	0.26	0.13	0.13	0.12	0.12	0.14	0.14	0.15	0.14	0.14	0.11	0.10	0.12	0.08	0.10	0.08	0.09
105	0.18	0.14	0.14	0.14	0.10	0.14	0.12	0.15	0.14	0.17	0.14	0.14	0.13	0.10	0.13	0.08	0.11	0.08	0.09
110	0.14	0.16	0.14	0.16	0.10	0.15	0.12	0.17	0.14	0.18	0.14	0.14	0.15	0.10	0.14	0.08	0.14	0.09	0.12
115	0.14	0.18	0.14	0.17	0.11	0.17	0.12	0.18	0.14	0.21	0.14	0.19	0.17	0.10	0.16	0.09	0.15	0.09	0.14
120	0.14	0.18	0.14	0.19	0.13	0.18	0.12	0.21	0.17	0.22	0.20	0.21	0.18	0.10	0.17	0.10	0.16	0.09	0.15
125	0.16	0.21	0.14	0.20	0.18	0.20	0.14	0.20	0.20	0.22	0.20	0.22	0.20	0.13	0.20	0.12	0.17	0.09	0.17
130	0.19	0.20	0.18	0.22	0.20	0.22	0.17	0.22	0.21	0.23	0.21	0.22	0.22	0.14	0.22	0.14	0.21	0.12	0.19
135	0.21	0.24	0.21	0.23	0.22	0.22	0.21	0.25	0.21	0.24	0.22	0.22	0.24	0.19	0.24	0.20	0.21	0.14	0.20
140	0.21	0.24	0.22	0.24	0.22	0.23	0.22	0.24	0.21	0.24	0.22	0.22	0.26	0.21	0.25	0.22	0.22	0.19	0.22
145	0.22	0.24	0.22	0.24	0.22	0.23	0.22	0.23	0.22	0.24	0.22	0.22	0.27	0.22	0.26	0.22	0.22	0.19	0.22
150	0.22	0.24	0.22	0.24	0.22	0.23	0.22	0.23	0.22	0.24	0.22	0.22	0.29	0.22	0.26	0.23	0.22	0.22	0.23
155	0.22	0.24	0.23	0.24	0.22	0.23	0.22	0.23	0.22	0.24	0.22	0.22	0.30	0.22	0.26	0.23	0.24	0.22	0.23
160	0.27	0.24	0.23	0.24	0.23	0.23	0.23	0.23	0.22	0.24	0.22	0.22	0.30	0.22	0.26	0.23	0.24	0.22	0.23
165	0.26	0.24	0.23	0.24	0.23	0.23	0.23	0.23	0.22	0.23	0.23	0.22	0.31	0.22	0.26	0.23	0.24	0.22	0.23
170	0.22	0.24	0.23	0.24	0.24	0.23	0.23	0.22	0.23	0.23	0.23	0.21	0.31	0.23	0.24	0.23	0.24	0.22	0.23
175	0.22	0.24	0.23	0.24	0.25	0.23	0.24	0.22	0.23	0.23	0.23	0.22	0.29	0.23	0.24	0.23	0.24	0.22	0.23
180	0.23	0.24	0.23	0.24	0.22	0.24	0.22	0.23	0.23	0.23	0.23	0.23	0.27	0.23	0.23	0.23	0.23	0.24	0.23

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:0.3330A P:7.9920W PF:1.0000 Freq:0Hz Lamp Flux:522.992x1 lm		
NAME: YJ-VTC-HRB-2835X-24V-G01-3256	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030107
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	178	178	178	178	178														
5	177	177	178	178	178														
10	175	176	176	176	177														
15	172	173	173	174	174														
20	167	168	169	169	170														
25	161	162	163	164	164														
30	153	155	156	157	157														
35	144	146	147	148	149														
40	134	136	137	139	139														
45	123	125	126	128	128														
50	110	113	114	116	116														
55	97.0	99.5	101	102	103														
60	82.7	85.1	86.3	88.3	88.9														
65	66.9	69.8	71.3	73.3	73.6														
70	51.1	53.9	55.3	57.4	58.1														
75	34.8	37.7	39.1	41.2	41.9														
80	19.6	22.0	23.5	25.4	26.2														
85	7.05	8.95	10.1	11.8	12.4														
90	0.55	1.40	2.13	3.16	3.66														
95	0.09	0.10	0.34	0.55	0.82														
100	0.08	0.10	0.11	0.14	0.31														
105	0.08	0.11	0.10	0.10	0.12														
110	0.09	0.12	0.10	0.10	0.12														
115	0.09	0.13	0.10	0.13	0.13														
120	0.09	0.15	0.10	0.15	0.13														
125	0.09	0.17	0.10	0.17	0.13														
130	0.12	0.17	0.13	0.18	0.14														
135	0.12	0.20	0.17	0.20	0.14														
140	0.13	0.21	0.18	0.22	0.17														
145	0.14	0.22	0.20	0.22	0.20														
150	0.19	0.22	0.21	0.23	0.20														
155	0.21	0.23	0.22	0.23	0.22														
160	0.22	0.23	0.22	0.23	0.22														
165	0.22	0.23	0.22	0.23	0.22														
170	0.22	0.23	0.22	0.23	0.22														
175	0.24	0.23	0.22	0.23	0.22														
180	0.22	0.22	0.23	0.23	0.23														

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: